OMB No. 2040-0042 Approval Expires 12/31/2011

EPA

United States Environmental Protection Agency

Underground Injection Control Permit Application

(Collected under the authority of the Safe Drinking Water Act. Sections 1421, 1422, 40 CFR 144)

I. EPA ID Number		
TNS	T/A	C
U		

Read Attached Instructions Before Starting

For Official Use Only

Application approved (mo day year)	Date received (mo day year)	Permit Number	Well ID	FINDS Number
	10-18-2011	TN10026	TNS1330003	

II. Owner Name and Address			III. Operator Name and Address		
Owner Name: Tn-K Energy Group Inc.			Owner Name: Tn-K Energy Group Inc.		
Street Address: 649 Sparta Highway, Suite 102		Phone Number: (931) 707-9599	Street Address: 649 Sparta Highway, Suite 102		Phone Number: (931) 707-9599
City: Crossville	State: Tn	ZIP CODE: 38572-5105	City: Crossville	State: Tn	ZIP CODE: 38572-5105

IV. Commercial Facility	V. Ownership	VI. Legal Contact	VII. SIC Codes
[x] Yes [ ] No	[x] Private [ ] Federal [ ] Other	[ ] Owner [x] Operator	1311

VIII. Well Status *(Mark "x")*

[ ] A. Operating	Date Started (mo day year)	[x] B. Modification/Conversion	[ ] C. Proposed

IX. Type of Permit Requested *(Mark "x" and specify if required)*

[x] A. Individual	[ ] B. Area	Number of Existing Wells	Number of Proposed Wells	Name(s) of field(s) or project(s)
		8		unnamed

X. Class and Type of Well *(see reverse)*

A. Class(es) (enter code(s))	B. Type(s) (enter code(s))	C. If class is "other" or type is code 'x,' explain	D. Number of wells per type (if area permit)
Class II	D; R		

XI. Location of Well(s) or Approximate Center of Field or Project

Latitude Deg	Latitude Min	Latitude Sec	Longitude Deg	Longitude Min	Longitude Sec	Township and Range Sec	Twp	Range	1/4 Sec	Feet From	Line	Feet From	Line
36	24	29	85	10	49	1	2S	52E		2925	FS	900	FW

XII. Indian Lands (Mark 'x')

[ ] Yes
[x] No

XIII. Attachments

(Complete the following questions on a separate sheet(s) and number accordingly; see instructions)

For Classes I, II, III, (and other classes) complete and submit on a separate sheet(s) Attachments A–U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application.

XIV. Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

A. Name and Title *(Type or Print)*	B. Phone No. *(Area Code and No.)*
Ken Page, President	(931) 707-9599
C. Signature: Kenny A Page	D. Date Signed: 10-13-11

EPA Form 7520-6 (Rev. 12-08)

OCT 19 2011

Permit Application for a Class II Injection Well

Conversion of Tn-K Energy Group, Inc. #8 Charles & Lynda Anderson
Overton County, Tennessee
1-2S-52E

Prepared For Tn-K Energy Group, Inc.
649 Sparta Highway
Suite 105
Crossville, Tennessee 38572-5105

Prepared by William M. Mitchell
October 7, 2011

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United States Environmental Protection Agency Form 7520-6

Attachments

Attachment A

Area of Review

The area of review (AOR) is a one-quarter mile (1,320 feet) radius around the proposed Class II Injection well. The subject AOR is located in Carter Coordinates 1 & 2-2S-52E, in Overton County, Tennessee. The general area of the AOR is depicted on Figure 1 (Tennessee Highway map) The AOR is more precisely shown on **Exhibit 1** (a portion of USGS Alpine 7.5 minute Topographic quadrangle). The AOR is also shown on the enclosed geologic structure maps on the producing/injection horizon(Sunny Brook), and the Devonian Shale map.

The AOR was reviewed by obtaining the most recent map (1'=2000') showing wells drilled and/or permitted from the Tennessee Geological Survey, and copies of well file information from the same agency. Tn-K Energy provided well files for the wells they drilled.

Attachment B

Maps of Wells and Area of Review

The area of review (AOR) is located in northeastern Overton County, Tennessee, approximately 2.5 miles northeast of Alpine, Tennessee. (see figures 1-4). The proposed injection well conversion is the TnK Energy #8 Anderson, located in Carter Coordinates 1-2S-52E at latitude 36 degrees-24 minutes-29.0 seconds and longitude 85 degrees-10 minutes-49.0 seconds. A portion of the AOR is also located in Carter Coordinates 2-2S-52E .

The following do not fall within the AOR:

1. Hazardous waste treatment or disposal facilities
2. Quarries or mines
3. Surface or subsurface faults

The following do fall within the AOR:

1 Permanent Residences: two (2) are within the AOR and one(1) is located just outside the AOR (see Exhibit 4). All the residences are using water from a public water supply.

2. Rivers; The West Fork of the Obey River is located in the southeastern part of the AOR. The elevation of the river is near 700 feet, the surface elevation of the proposed injection well is approximately 873 feet. Casing is set in the subject well to 477 feet, thus the casing extends approximately 200 feet below the River level.

4. Producing Oil & Gas Wells: there are eight producing oil and gas wells within the AOR, all operated by the applicant. The producing wells are : TnK Energy # 1 Anderson, #3 Anderson, #4 Anderson, #5 Anderson, # 6 Anderson, #10 Anderson, #1 R. Smith, and the #2 R. Smith. All the producing wells have casing set to the base of the Devonian Shale (approximately 400 ft.) which is below all recognized underground sources of drinking water (USDWs).

5. Previously plugged and abandoned wells: There are four wells within the AOR that have been previously been plugged and abandoned and there are several outside the boundary of the AOR. All these wells based on the available data appear to have been plugged and abandoned in compliance with the rules of the Tennessee Division of Water pollution Control. Documentation from the state for the plugging of the Overton Oil #21 Smith is not been available, but the required information is being obtained from the operator and will be provided when obtained. The well forms filed with the State of Tennessee for the producing wells and the plugged and abandoned wells can be found as Exhibit 15 in the Appendix.

Overton Oil #21

Submitted

Landowners and addresses:

- Charles & Lynela Anderson, 594 Winton Lane, Alpine, Tn, 38543
- Ronald Smith, 481 Winton Lane, Alpine, Tn. 38543

- Lonnie Richard Smith, 5406 Wakefield Dr., Nashville, Tn 37220
- Cathy Smith, 404 Spring St., Livingston, Tn 38570
- Bayer Family, 517 Ledford Lane, Alpine, Tn 38543

A lease map depicting mineral ownership is found in the Appendices as Exhibit 5.

Attachment C

Corrective Action Plan and Well Data

Corrective action is not required for any of the currently producing wells or previously plugged and abandoned wells within the AOR.

The Tn-K Energy Group Inc. # 8 Anderson is proposed to be converted to a Class II Injection well. This well was drilled in November 2010 and encountered gas and oil in the Sunny Brook formation(625 and 735-780'). No geophysical logs were run in this borehole or any of the other TnK Energy wells within the AOR.

This well was drilled to a total depth of 878 feet. 9 5/8" casing is set at 97 feet and 7" casing is set at 477 feet. 4 ½ " casing will be run and cemented from surface to 625 feet. 2 3/8 "tubing will be set at 630 feet with a packer at 625 feet. Formation water and air will be injected into open hole from 630 feet to 878 feet.

4½" set @ 625'
packer 625' 620'
OH- 630 - 878'

Attachment E

Name and depth of Underground Sources of Drinking Water (USDWs)

The USDWs in the general area of the proposed injection well are porous zones found in the Mississippian Age carbonates (Monteagle, St. Louis & Warsaw Limestones) from near surface to the top of the Devonian (Chattanooga shale; 300 to 400 feet below the surface).

A data based obtained from the Tennessee Water Pollution Board reveals that there are no water wells of record within the Area of Review. The nearest water wells are located northwest of the AOR and are tabulated in the list of wells that follows. This list shows that no freshwater aquifer below 160 feet is being utilized by known wells in the area.

TENNESSEE DEPARTMENT ON ENVIRONMENT AND CONSERVATION

RECORDS OF WATER WELLS IN SELECTED AREAS OF TENNESSEE

EXPLANATION OF COLUMN HEADINGS

CODE	EXPLANATION
QUAD/NTH	Quadrangle/Ninth: Quadrangle indicates the 7.5 minute U.S.G.S. topographic map number (i.e., 305) followed by the quadrant (NE,NW,SE,SW). Ninth represents the smaller 2.5 minute section of the map in which the well is located. This system divides the map into (9) sections numbered from left to right, top to bottom, similar to the numbers (1-9) on a telephone key pad.
COUNTY	County in which the well is located.
WELL NUM	Well Number: Office identification number assigned to each well report by the Division of Water Supply.
REG NUM	Registration Number: White registration tag number attached to each well by the driller.
OWNER'S NAME	Name of person or organization for whom the well was drilled.
LOCATION ROAD	Name of street or road from which to access well. (Blank if unknown)
COMP DATE	Completion Date: Month, day and year the well was completed.
INSP DATE	Inspection Date: Month, day and year the well was inspected by the Division of Water Supply. (Blank if not inspected)
TOT DEPTH	Total Depth: Total depth of the well in feet.
AQ DEPTH	Aquifer Depth: Depth, in feet, below land surface to the top of the shallowest aquifer or water-bearing zone tapped in well.
TOT YIELD	Total Yield: Total yield of the well in gallons per minute (gpm). Yields less than one-half gpm are reported as zero.
STAT LEVEL	Static Water Level: Depth, in feet, from the land surface to the level of the water standing in a non-pumping well.
CSE DEPTH	Casing Depth: Depth, in feet, from the land surface to the bottom of the water-tight casing installed in the well.
CSE TYPE	Casing Type: PLAST = plastic, STEEL = black or galvanized; OTHER = other material such as concrete, fiberglass, tile, etc..
WELL FINISH	Well Finish: Construction of the well at the interval supplying water to the well. OPEN = open or uncased borehole, SLOT = slotted or perforated pipe, SCREEN = manufactured screening device designed to filter out sediment and maintain the borehole wall; while allowing ground water to enter the well through small openings.
INTERVAL	Open Interval: The depth, in feet, below land surface where the open hole, screen/perforated pipe interval begins and ends.
WAT QUAL	Water Quality: A description of the apparent water quality of the water from the well at the completion of construction.
INSP NUM	Inspection Number: Orange inspection tag number attached to the well by the state inspector.
LATITUDE	Latitude: Latitude of the well reported in degrees, minutes, and seconds.
LONGITUDE	Longitude: Longitude of the well reported in degrees, minutes, and seconds.
A/C	Accuracy Code: Accuracy of latitude and longitude. S = nearest second, F = nearest 1.5 seconds, T = nearest 30 seconds.
LOG	Formation Log: Refers to the availability of a geologic formation log. Y = yes; N = No.
DRILLER	Driller: The license number of the driller who supervised construction of the well. Names provided upon request.
USE	Well Use: The primary purpose for which the well was constructed.

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION - DIVISION OF WATER SUPPLY

RECORDS OF WATER WELLS ON THE ALPINE QUADRANGLE 0334NW TN

QUAD / NTH COUNTY	WELL NUM REG NUM	OWNER'S NAME LOCATION ROAD	COMP DATE INSP DATE	TOT DEPTH AQ DEPTH	TOT YIELD STAT LEVEL	CSE DEPTH CSE TYPE	WELL FINISH INTERVAL	WAT QUAL INSP NUMBER	LATITUDE LONGITUDE	A / C LOG	DRILLER USE
0334NW 8 OVERTON	13300005	SELLS, A	09/25/1963	78 53	10 50	47 Steel	-			No	157 Residential
0334NW 8 OVERTON	13300337	GRACE BAPTIST CHURCH	02/06/1968	45 35	3 26	21 Steel	-	Good	362353 851223	S No	157 Residential
0334NW 8 OVERTON	13300534	HANCOCK R	12/18/1969	103 92	20	44 Steel	-		362241 851200	S No	157 Farm
0334NW 8 OVERTON	13300572	NORRIS D	07/29/1970	70 55	5	21 Steel	-	Unknown	362438 851137	S No	157 Farm
0334NW 8 OVERTON	13300574	KING E	08/13/1970	145 120	10	56 Steel	-	Good	362453 851226	S No	157 Farm
0334NW 8 OVERTON	13300586	BOLESAWD J	09/30/1970	95 30	1 30	20 Steel	-	Good	362412 851143	S No	174 Farm
0334NW 8 OVERTON	13300590	GRACE BAPTIST CHURCH	11/27/1970	113 113	25 92		-	Bad	362353 851223	S No	157 Other
0334NW 8 OVERTON	13300591	GRACE BAPTIST CHURCH	11/19/1970	101 101	5 94		-	Bad	362353 851223	S No	157 Other
0334NW 8 OVERTON	13300594	SMITH H	12/08/1970	152	0		-	Bad	362359 851211	S No	157 Other
0334NW 8 OVERTON	13300595	SMITH H	12/05/1970	160 160	5	0	-	Bad	362359 851211	S No	157 Other
0334NW 8 OVERTON	13300597	MCDONALD J	12/16/1970	125 105	20 90	73 Steel	-	Good	362412 851143	S No	157 Farm
0334NW 8 OVERTON	13300750	HANDCOCK J	10/19/1972	65 55	10 50	48 Steel	-	Good	362436 851147	S No	157 Farm
0334NW 8 OVERTON	13300811	MCDONALD J.B.	10/26/1973	65 52	5 44	23 Steel	-	Good	362412 851143	S No	157 Farm

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION - DIVISION OF WATER SUPPLY

RECORDS OF WATER WELLS ON THE ALPINE QUADRANGLE 0334NW TN

QUAD / NTH COUNTY	WELL NUM REG NUM	OWNER'S NAME LOCATION ROAD	COMP DATE INSP DATE	TOT DEPTH AQ DEPTH	TOT YIELD STAT LEVEL	CSE DEPTH CSE TYPE	WELL FINISH INTERVAL	WAT QUAL INSP NUMBER	LATITUDE LONGITUDE	A / C LOG	DRILLER USE
0334NW 8 OVERTON	13300904	CRABTREE J.	04/06/1976	94 85	75 75	58 Steel	- -	Good		No	157 Farm

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION - DIVISION OF WATER SUPPLY

RECORDS OF WATER WELLS ON THE ALPINE QUADRANGLE 0334NW TN

QUAD / NTH COUNTY	WELL NUM REG NUM	OWNER'S NAME LOCATION ROAD	COMP DATE INSP DATE	TOT DEPTH AQ DEPTH	TOT YIELD STAT LEVEL	CSE DEPTH CSE TYPE	WELL FINISH INTERVAL	WAT QUAL INSP NUMBER	LATITUDE LONGITUDE	A / C LOG	DRILLER USE
0334NW 5 OVERTON	13300419	YOUNG K	11/12/1968	104 80	60 60	41 Steel	-	Good	362530 851149	S No	157 Farm
0334NW 5 OVERTON	13300571	CLARK W	08/13/1970	170 140	5 150	56 Steel	-	Good	362544 851116	S No	157 Farm
0334NW 5 OVERTON	13300742	MCDONALD CHAPPELL CH	08/08/1972	65 56	10	44 Steel	-	Good	362713 851115	S No	157 Residential
0334NW 5 OVERTON	13300756	LEDFORD G	12/29/1972	125 110	20	94 Steel	-	Good	362516 851049	S No	157 Farm
0334NW 5 OVERTON	13300758	NORROID J	02/07/1973	83 80	5	31 Steel	-	Bad	362511 851206	S No	157 Farm
0334NW 5 OVERTON	13300774	PADGETT C	04/02/1973	80 72	10 62	56 Steel	-	Good	362659 851117	S No	157 Farm
0334NW 5 OVERTON	20092461 D0090608	DEPOLITTE, ZACK 132 HULL ROAD	08/26/2009	180 155	12	62 Steel	Open Hole 62 - 180	Clear	362531 851233	Yes	569 Residential

Attachment G

Geological Data on Injection and Confining Zone

The proposed injection zone is the Sunny Brook Limestone, which has a dolomite zone present approximately 100 feet below the top of the formation. The dolomite zone yields oil, gas and salt water in the local area. The operator, Tn-K Energy has several down-dip wells that produce oil from the dolomite zone on the Anderson and Smith leases. The upper part of the Sunny Brook Limestone serves as the confining zone with little to no porosity and permeability present.

The area has no known faults mapped at either the surface (see Alpine GQ)or in the subsurface. No subsurface evidence of fractures has been revealed by the existing data.

The area of the proposed injection well (Tn-K Energy #8 Anderson) is located on the east flank of the Cincinnati Arch. Exhibit 9, a structure map on top of the Knox Group (Cambro-Ordovician) shows structural dip to the east at a rate of approximately 60 feet per mile. A structure map (see Exhibit 6, Sunny Brook Map) on the first occurrence of a productive zone in the Tn-K Energy wells located in 1-2S-52E, depicts a structural closure located in the west central part of 1-2S-52E.

The Sunny Brook in the area of interest is typically 150 to 200 feet thick, and is predominantly described as a grey limestone with little porosity. The Tn-K Energy #8 Anderson well did not have a geophysical survey conducted in the borehole, but such surveys conducted in other wells within 1-2S-52E show the Sunny Brook interval, presumably without the dolomite zone developed, to average 7.5 to 8% porosity with probably little permeability present.(see geophysical logs in Appendix 11). When porosity is developed, it is typically described as a brown dolomite. The Sunny Brook is Ordovician in age and occurs in the area of review below the Devonian Chattanooga Shale.

The #8 Anderson well is as much as 150 feet structurally high to Tn-K Energy's seven oil producers. Communication has been demonstrated between the # 8 well and down-dip wells, because the #8 encountered what is likely the gas cap of the oil reservoir. Extensive testing of the Sunny Brook zone, reduced the reservoir pressure, resulting in the down-dip producers ceasing production. Experimentation by the operator established that the zone could be re-pressured with air (injected at approximately 250#. It is the operator's intent to attempt to maintain reservoir pressure by injecting a mixture of formation water (from the down-dip producers) and air.

The Sunny Brook reservoirs in the area appear to be separately developed dolomite lenses that occur at different stratigraphic depths within the formation and seem to be discontinuous to the extent that no communication between the hydrocarbon bearing dolomite zones can be demonstrated.

Attachment H

Operating Data

100 bbls water plus 1000 ft³ air or nitrogen every 4 to 6 weeks

Injection Rates & Volumes

It is anticipated that a maximum of 100 barrels of formation water and 1000 cubic feet of air or nitrogen will be injected into the # 8 Anderson well. Injection will be executed as needed to maintain reservoir pressure in the down-dip oil producers. Based on reservoir performance observed during the testing of the # 8 Anderson, it is likely injection will take place for 12 to 24 hours every four to six weeks.

Injection Pressures

Injection will be at 300 #

Nature of Annulus Fluid

The annulus fluid will be the formation water obtained from the downdip wells.

Source and Analysis of Injection Fluid

The injection fluid will be obtained from the lease wells that produce formation water from the Sunny Brook interval. The analysis of the formation water can be found in Exhibit 12.

Attachment J

Stimulation Program

The performance of the #8 Anderson well during the testing phase suggests that excellent reservoir communication exists between the proposed injection well and the down-dip oil producers. It is concluded that a stimulation program is not required for the injection zone.

Attachment K

Injection Procedures

Produced formation water from the down dip oil wells will be pumped through flowlines to a water storage tank at the injector well location (Anderson # 8). The produced water will be pumped from the storage tank through a filter to the injector well. A maximum of 100 barrels of water per day will be injected into the Sunny Brook Formation from 625 feet to 878 feet at a maximum pressure of 300 #. The fracture gradient for the Sunny Brook at 625 feet is (.75 x 625 ft = 468.8 #) is 468 #.

Attachment M

Construction Details

A well diagram and a wellhead diagram are included as Exhibit 12A and 12B.

Attachment O

Plans for well failure

If a well failure is detected, the well will be shut-in until the faulty equipment is replaced or repaired and the well is returned to a safe operating condition. If the failure and operation pose no environmental hazard, then nothing further will be done.

In the case of casing leaks or some other major failure, the well will be shut-in and the Tennessee Division of Water Pollution Control and the US EPA will be contacted. The well will remain shut-in until the condition is corrected. This correction will involve squeezing off the leak with cement or replacing bad casing. The well will not be placed back into service until its integrity has been confirmed with a Mechanical Integrity Test (MIT). Any fluid produced during the injection well shut-in will either be stored onsite or removed and disposed by a properly licensed transporter.

Attachment P

Monitoring Program

The injection well will be monitored throughout its entire life. All EPA or state monitoring guidelines and minimum reporting guidelines shall be complied with.

- A quarterly analysis of the injected fluid and report by an independent laboratory will be completed. The sampling location of the fluid shall be at the ½ inch needle valve at the well head.
- The injection pressure and annulus pressure will be monitored weekly and reported monthly.
- The flow rate shall be monitored weekly and reported monthly.
- The cumulative injected volume shall be monitored weekly and reported monthly.

Monthly reports shall be provided to Region 4 of the US EPA at the end of the reporting month and no later than the 10th of the following month.

Annual Monitoring Reports in Permit

Attachment Q

Plugging and Abandonment Procedure

- Move in and rig up workover rig. Kill well as necessary with lease water.
- Nipple up blowout preventer and test pipe rams
- Pull out of hole with 2 -3/8 in tubing and packer
- Run in hole with cement retainer on 2-3/8 in. tubing. Set cement retainer approximately 50 feet above injection zone. Squeeze injection zone with cement (40 sacks)
- Stab out of retainer and leave 10 sacks of cement on top of retainer
- Pull up to 100 feet below bottom of surface casing. Spot 25 sacks of cement.
- Pull up to 50 feet, spot 10 sacks of cement to surface. Pull out of hole with tubing
- Cut off 7 in and 4-1/2 in casing 4 feet below ground level. Weld steel plate on casing stub
- Backfill and cleanup location

Solid cement plug from 678' to surface

Need solid cement plug from TD to surface

Attachment R

Necessary Resources/Financial Requirements

An irrevocable Letter of Credit in the amount of $3000.00 to meet estimated plugging costs will be provided. A copy of the Trust Agreement with the issuing bank will also be provided. See Exhibit 14 in Appendix.

$ 3000
ok

Attachment S

Aquifer Exemptions

No aquifer exemption is requested.

Attachment T

Existing EPA Permits

There are no existing EPA permits within the AOR, and the operator Tn-K Energy Group does not hold any EPA permits.

Attachment U

Description of Business

The Tn-K Energy Group Inc., Inc. is a Delaware Corporation, with headquarters located in Crossville, Tennessee. The company is engaged in the exploration for, production of and marketing of oil and gas. Primary activity is in Tennessee and Kentucky.

EXHIBITS

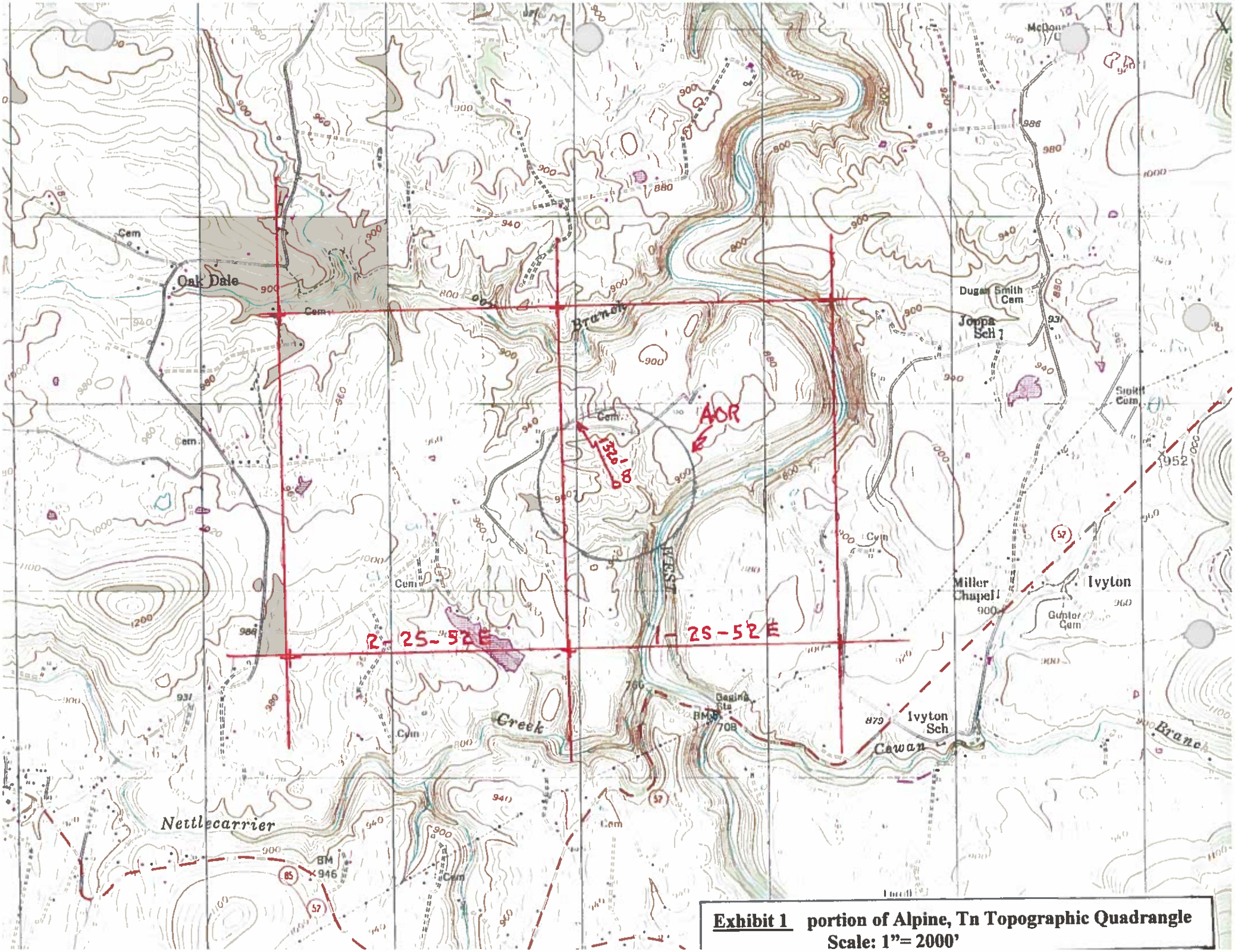


Exhibit 1 portion of Alpine, Tn Topographic Quadrangle
Scale: 1"= 2000'

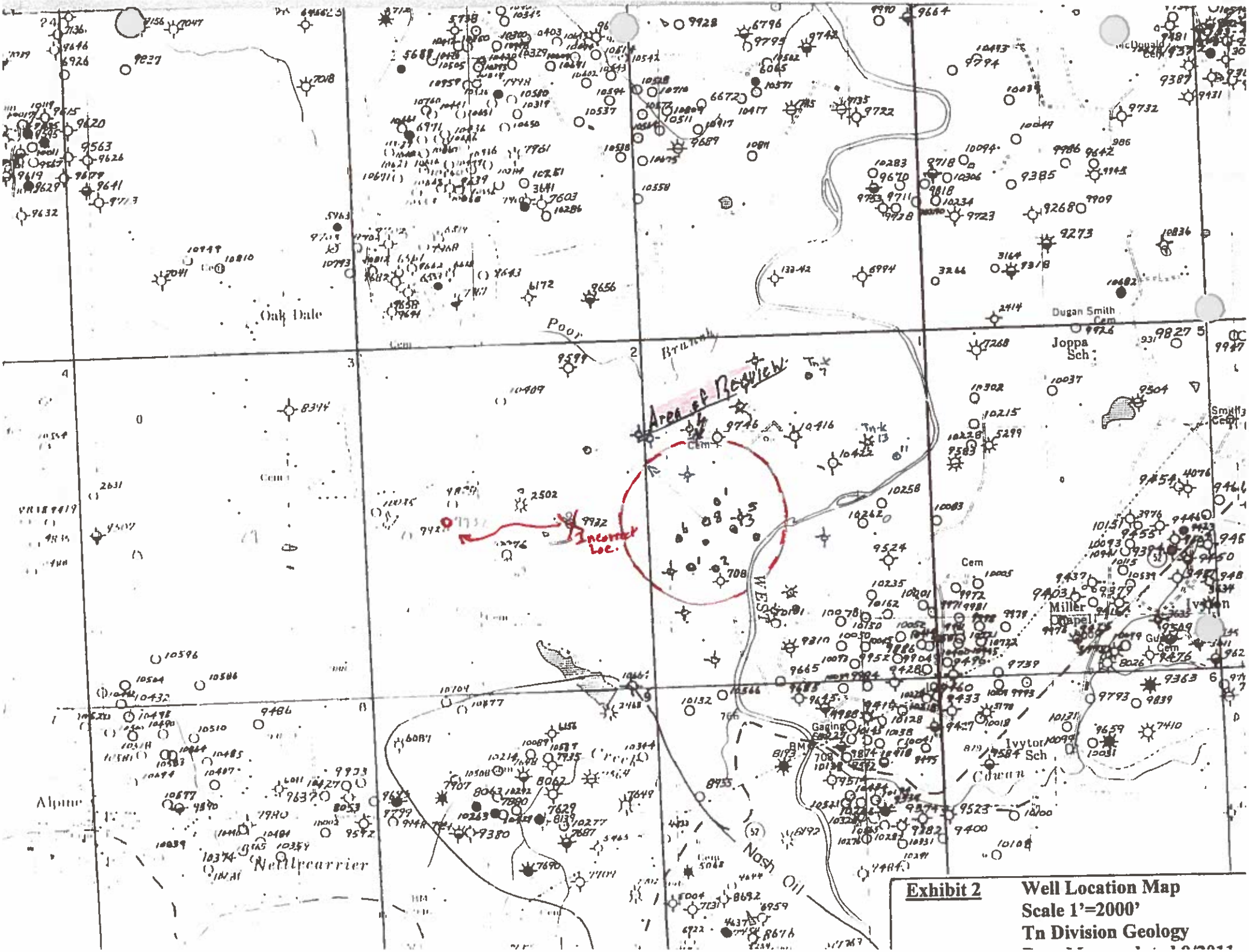


Exhibit 2 Well Location Map
Scale 1'=2000'
Tn Division Geology

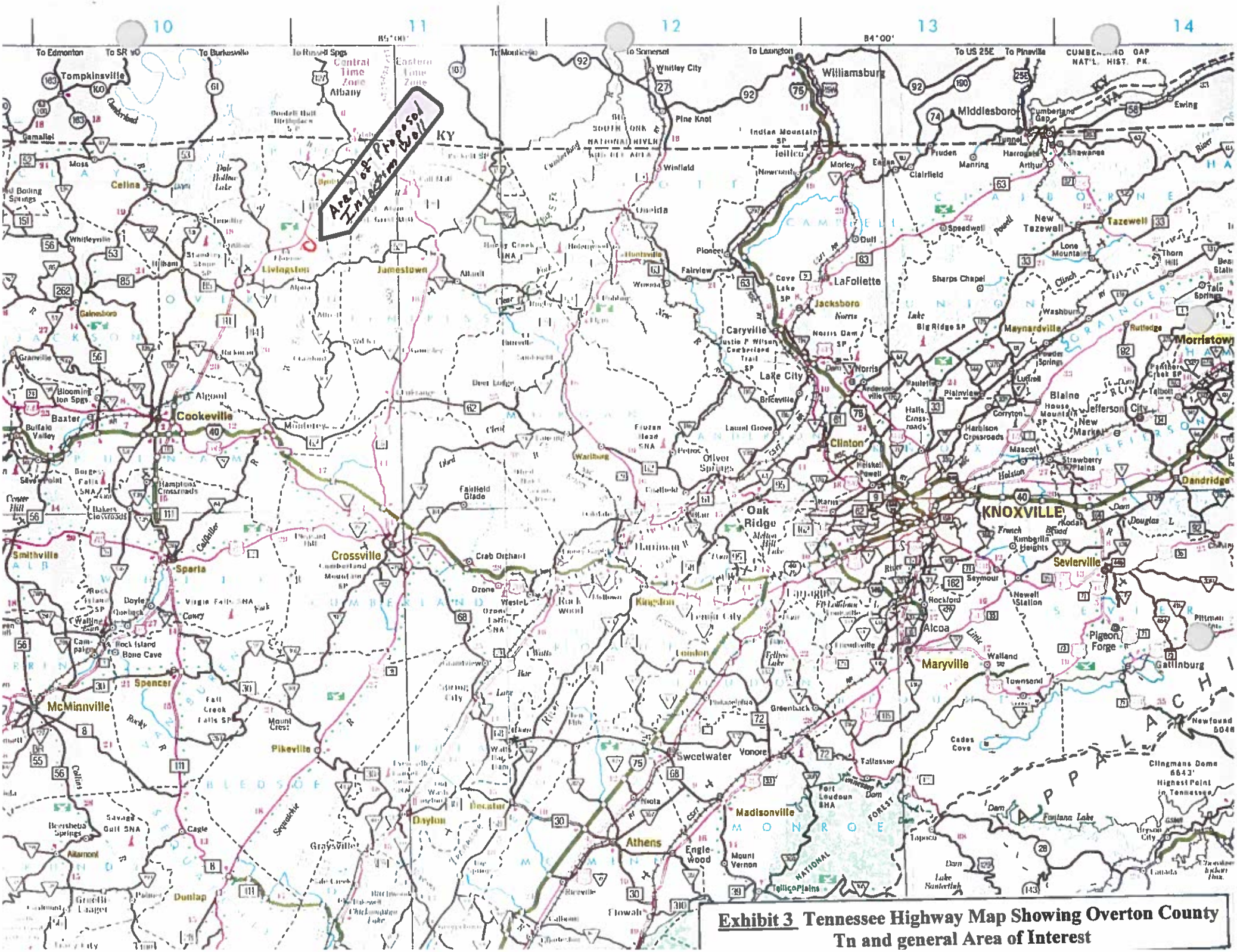


Exhibit 3 Tennessee Highway Map Showing Overton County Tn and general Area of Interest

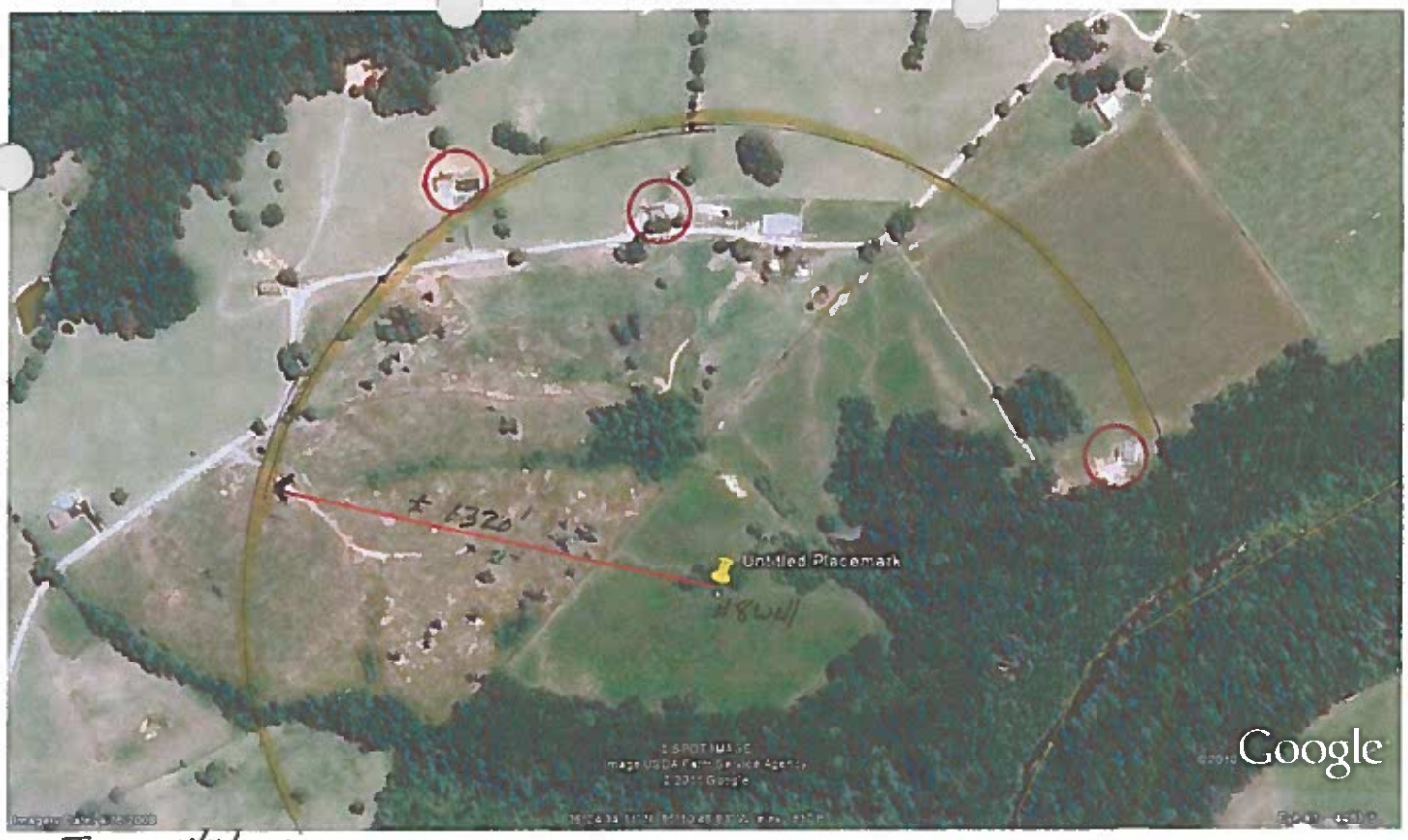


Image 4/16/2008

Image 4/16/2008

Exhibit 4- Google Earth Image of Area of Interest (AOR)
Image date: 4/16/2008

Exhibit 5 Lease Map
Approx. Scale: 1'=1000'

Exhibit 6 & 7 in rear pocket of three ring binder

Exhibit 6 & 7 in rear pocket of three ring binder

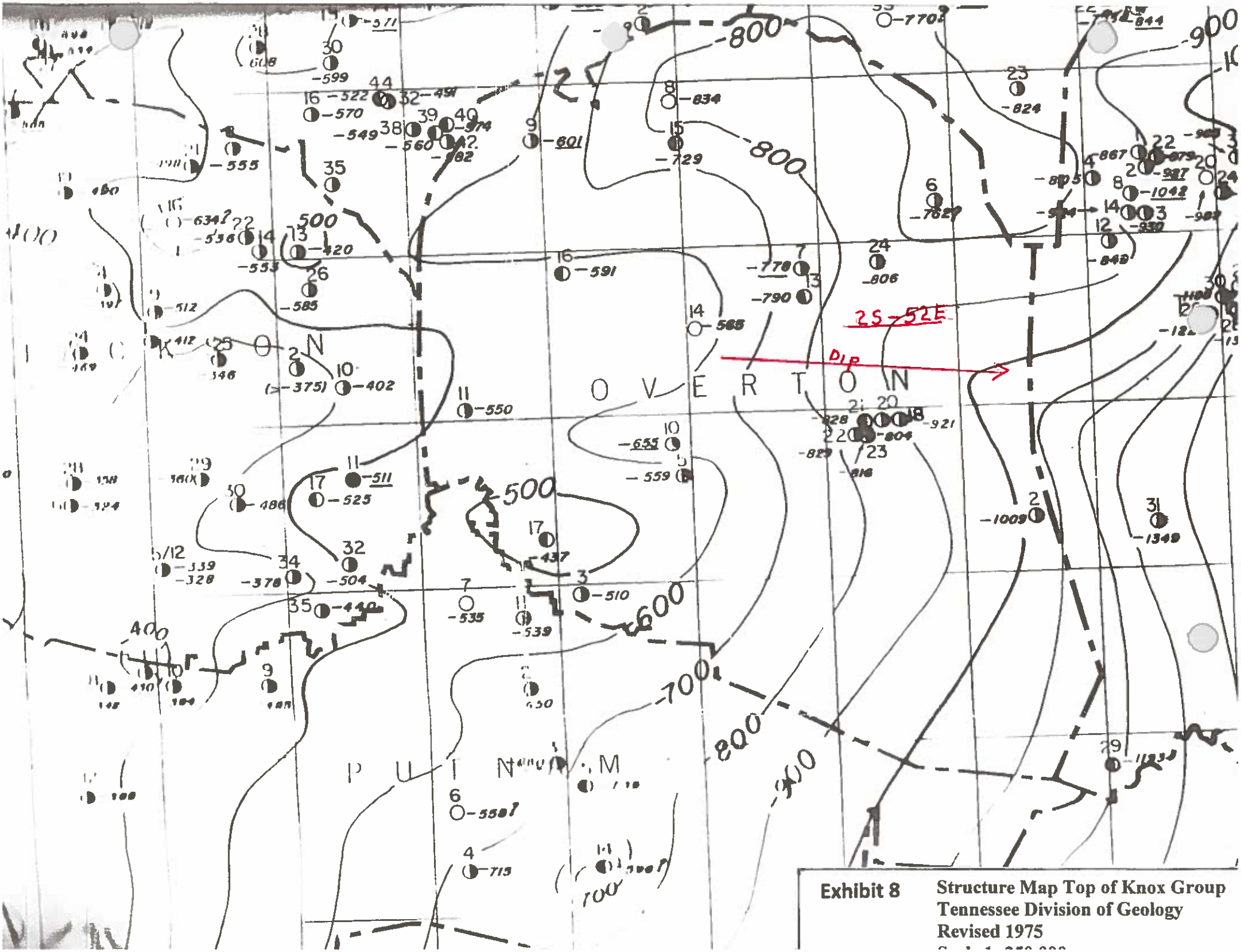


Exhibit 8 Structure Map Top of Knox Group
Tennessee Division of Geology
Revised 1975

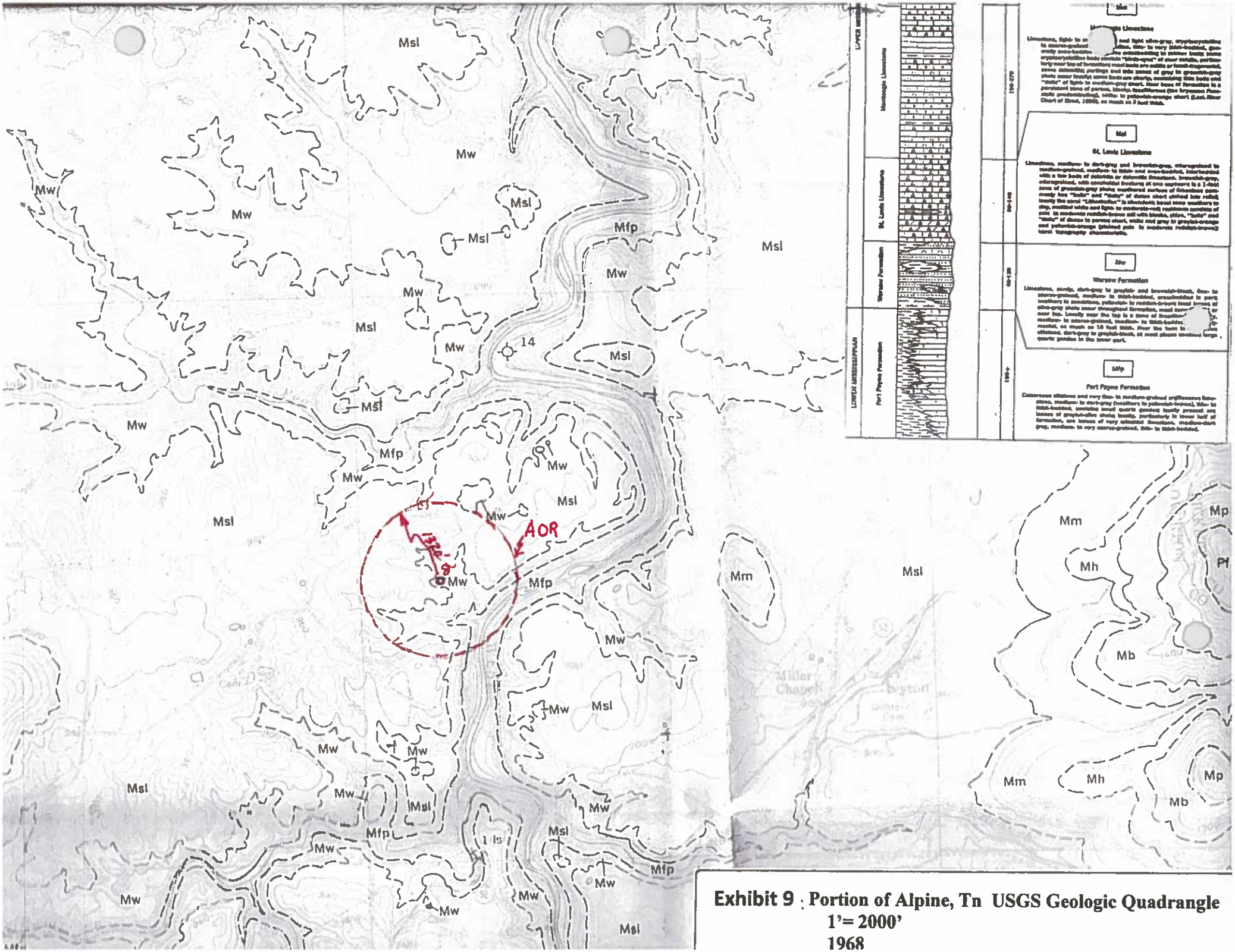


Exhibit 9 : Portion of Alpine, Tn USGS Geologic Quadrangle
1'= 2000'
1968

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC.

1550 37TH STREET, NE
CLEVELAND, TENNESSEE 37312
(423) 476 - 7766 Fax: (423) 476-7714

ACCREDITED
Environmental Testing
IEC/ISO 17025 Certification 3009.01
State of Tennessee (ID #02034)
Alabama Dept. of Environmental Management (ID #40780)

Scope of Accreditation:
Wastewater, Surface Water, Ground Water, Drinking Water, Solids, Hazardous Waste, Soils, Sediments, and Sludges.

Lab Report 249662

8073
TNK Energy Group, Inc.
Attention: Ken Page
649 Sparta Hwy. # 102
Crossville, TN 38555

Date Received 10/10/2011
Date Sampled 10/6/2011
Date Requested 10/12/2011
Rush Status 48 Hour
Phone (931) 707-9599
Extension
☐ *Fax* (931) 707-9601
☐ *eMail:*
PO#

Sample Information

Charles & Lynda Anderson Lease
Well # 8 Oil Well

Lab Report: 249662		*Result*		*LCL*	*Method*	*SDL*	*Date*	*Time*	*Analyst*
@23 C	pH	7.96	pH Units	0.1	4500-H+B	0.1	10/10/2011	9:20	SAG
As NaCL	Salt	0.582	%	0.01	4500-Cl-B	0.01	10/11/2011	11:25	ADG
@25C	Specific Gravity	1.004		0.001	2710F	0.001	10/11/2011	14:25	SLW
	TDS	7760	mg/L	10	2540 C	10	10/10/2011	10:35	ADG

Lowest Calibration Level [LCL] - reporting limit; Sample Detection Level [SDL] - Sample Specific.

QA/QC Procedures required by the Method(s) were followed unless otherwise noted. Performance and acceptance standards for required QA/QC procedures were achieved unless otherwise noted. No significant modifications have been made to the Method(s). I attest that, based upon my inquiry of those individuals immediately responsible for reviewing the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of this laboratory. The laboratory retains sole ownership of data until full reimbursement has been made.

Report approved by: Roy D. Patterson

Attachment M

Well Completion Sketch

Well	Location	Date
Tn-K Energy Group Inc.	1-2S-52E, Overton County, TN	Drilled November 2011

Permit # 12107

Total Depth 878

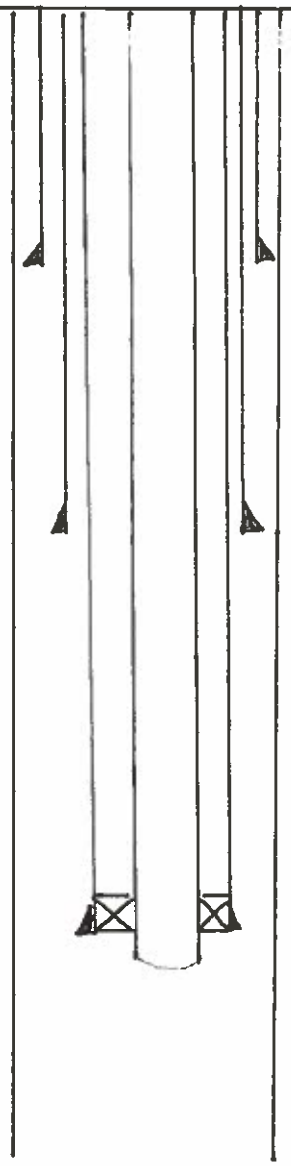
Present Completion

9 5/8 inch casing@ 97 ft.

7 inch casing @ 477 ft.

Cemented with 98 sacks

7" in 8 7/8" hole
6.65 Ft/Ft³ x 98 sx x 1.18 Ft³/sx
769' cement. OK wm



Total Depth 878

Suggested Completion

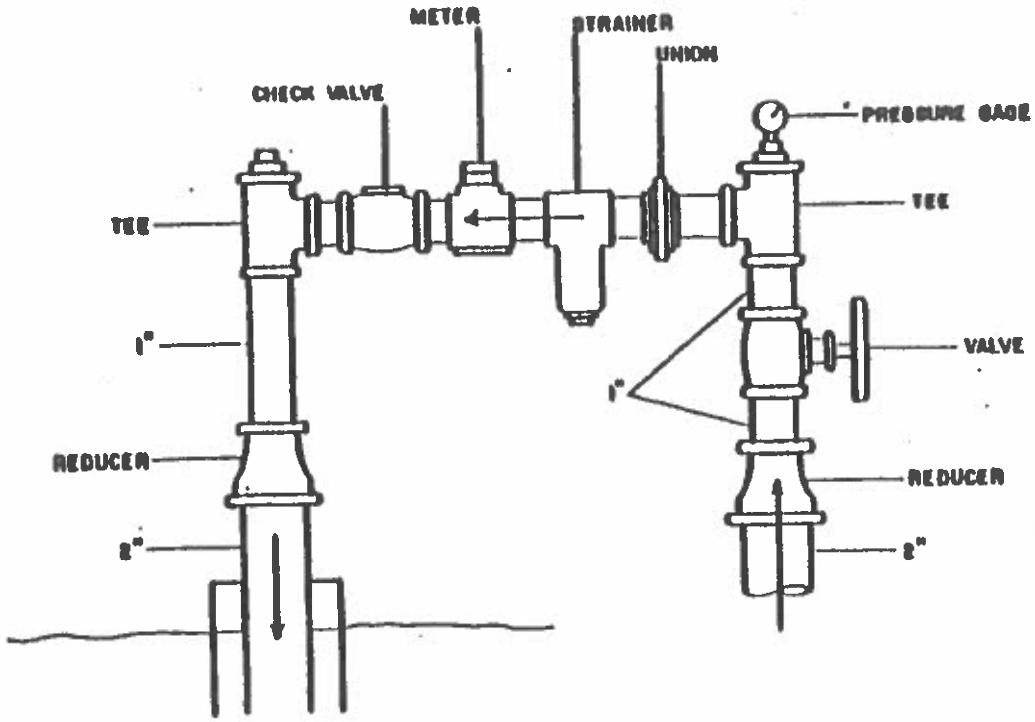
4 ½ inch casing @625 ft.

Cemented to surface

2 3/8 inch tubing@ 630 ft.

With packer @ 625 ft

No scale intended



Tn-K Energy Group Inc.

TYPICAL WELLHEAD
CLASS II WELL

Exhibit 13

Plugging and Abandonment Procedure

- **Move in and rig up workover rig. Kill well as necessary with lease water.**
- Nipple up blowout preventer and test pipe rams
- Pull out of hole with 2 -3/8 in tubing and packer
- Run in hole with cement retainer on 2-3/8 in. tubing. Set cement retainer approximately 50 feet above injection zone. Squeeze injection zone with cement (40 sacks)
- tab out of retainer and leave 10 sacks of cement on top of retainer
- Pull up to 100 feet below bottom of surface casing. Spot 25 sacks of cement
- Pull up to 50 feet, spot 10 sacks of cement to surface. Pull out of hole with tubing
- Cut off 7 in and 4-1/2 in casing 4 feet below ground level. Weld steel plate on casing stub
- Backfill and cleanup location

Run Solid cement plug from TD to surface

WELLS WITHIN THE AREA OF REVIEW

Charles and Lynda Anderson Well # 8

Permit # 12107

Carter Coordinates 1-25-52E 2925FSL 900FWL

- ☑ Permit
- ☑ Well History Report
- ☑ Driller Log
- ☑ Plat/Map
- ☑ Open Flow Gas Test
- ☑ Oil and Gas Inspection
- ☐ _____

proposed inj well

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL & GAS BOARD
6TH Floor, L&C Annex
401 Church Street
Nashville, TN 37243-1534
(615) 532-0166

AUTHORITY TO DRILL, DEEPEN OR RE-OPEN A WELL

[X] FOR OIL [X] FOR GAS [ ] OTHER

API No. *41-133-22386*
Depth Permitted *2000*
Permit No. *0012107*
Elevation *877.9*
County *Overton*
Date Issued *11/10/2010*

Material Required Within 30 Days Following Cessation of Drilling Operations of the Well:
1. Well History with Driller's Log
2. Mechanical Logs —2 final copies (if run)
3. Samples

This is the authority under the 1943 Oil and Gas Law, as amended, and the rules and regulations of this Board, effective November 15, 1972, for *Tn-K Energy Group, Inc.* **to drill a well as described below.**

Said well is number *8* **and lessor is** *Charles & Lynda Anderson*

Location of well to be *1-2S-52E* *2925 FSL, 900 FWL*

This permit expires in ninety (90) days from date of issuance unless drilling operations have commenced prior thereto. All information on this well required by the rules and regulations of the State Oil and Gas Board must be furnished to the State Oil and Gas Supervisor, at Nashville, Tenn., in compliance with the laws of the State of Tennessee. This permit must be posted at the well before drilling commences.

NOTICE: THIS PERMIT IS NOT IN ANY WAY TO BE CONSTRUED AS A CERTIFICATION BY THE STATE OF TENNESSEE THAT ANY PROPERTY INTEREST IN THE PREMISES COVERED BY THIS PERMIT IS VESTED IN THE PERMITTEE. IT IS ISSUED SOLEY UNDER THE REGULATORY POWERS VESTED IN THE TENNESSEE OIL AND GAS BOARD UNDER THE PROVISIONS OF TITLE 60 OF THE TENNESSEE CODE ANNOTATED FOR THE PURPOSES RECITED IN SAID CODE SECTION AND THE RULES AND REGULATIONS PROMULGATED BY THE BOARD PURSUANT TO SAID CODE SECTION.

STATE OIL AND GAS BOARD

WELL PERMIT NO. 0012107

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION Permit No. 0012107
Operator: TN-K Energy Group Inc
Farm Name: Charles/Lynda Anderson Well No. 8

TYPE OPERATION (Check One)
New Well: [X]
Workover: [ ]
Deepening: [ ]

LOCATION 7½' quad Alpine
County Overton
Carter Coordinates 1-2 (Section) S 52 Quad E
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

INITIAL PRODUCTION
Oil (BBL/Day): _____ [ ] Pumping [ ] Natural
Gas (MCF/Day): _____ [ ] Flowing [ ] After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ [ ] Shut-In [ ] Flowing
Casing (in psi): _____ [ ] Shut-In [ ] Flowing
Disposition of Gas: [ ] Vented [ ] Fuel [ ] Sold
Oil Gravity (*API): _____

ELEVATION 877.9 (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 878 Geophysical Log: _____

OPERATIONAL DATES
Date Commenced: 11-9-10 Date Drilling: _____
Date Completed: 11-29-10 Date Placed In Operation
Date Plugged: _____ (IF DRY HOLE) _____ (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: 11-29-10
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable Tools from _____ to _____ (Depths)
Rotary Tools Conventional from 0 to 878 (Depths)
Air from _____ to _____
Contractor(s): Tallent Drilling
Address 433 Fryman's Landing
Albany, KY 42602

PRODUCING INTERVAL

Formation Name(s)	Interval(s)
Sunny Brook	625 /
Sunny Brook	735-780

WELL TREATMENT (Check Applicable Boxes)

				In open hole	Thru perforation
Shot	qts.	interval		[ ]	[ ]
Shot	qts.	interval		[ ]	[ ]
Acid	gals.	interval		[ ]	[ ]
Acid	gals.	interval		[ ]	[ ]
Fracture:	gals.	interval	lbs/Sand	[ ]	[ ]
Fracture:	gals	interval	lbs/Sand	[ ]	[ ]

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	97'		No
7	477	98	No
		—	

TYPE OF COMPLETION

	Shut In	Producing
Dry Hole		
Oil		
Gas		
Pressure Maintenance or Secondary Recovery		
Water Injection		
Gas Injection		
Gas Storage:		
Injection-Extraction		
Observation		

n/a ☒ n/a

SERVICE WELL

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐
  (if other describe type)

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, fill up tests, Dist's. Coops, ETC.)

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	65	Red Clay	467	510	Brownish Gray limestone
65	90	Red Clay/Boulders	510	620	Black Brown limestone
90	94	Gravel Bed	620	700	white limestone
94	170	Gray limestone	700	800	Black/Brow limestone
170	270	Blackish limestone	800	878	Med. Brow limestone
270	330	White limestone	878		TD
330	400	white limestone and Olive green Shale			
400	420	Olive green shale			
420	428	Brown cherty limestone			
428	467	Black Shale			

Permit Operator Signature: _____

Affidavit

State of TENNESSEE Title NOTARY PUBLIC
County of CUMBERLAND

Subscribed and sworn to before me this 7TH day of JANUARY, 20 11.

My commission expires 06/06/2011

_____
Notary Public Signature

JENNIFER P. DORAN
STATE OF TENNESSEE NOTARY PUBLIC
CUMBERLAND COUNTY

(606) 387 8327
(606) 387 8365
(606) 387 8710

TALLENT DRILLING WELL LOG AND COMPLETION REPORT

Well Identification:

Permit #	12107	Farm Name:	Charles and Linda Anderson
Operator:	TN-K Energy	Well Number:	8

Type Operation:

New well

Location:

County:	Overton	Elevation:	
State:	TN	Total Depth Drilled:	878'
Hole Size	12 ¼", 8 ¾", 6 ¼"		

Operational Dates:

Commenced:	11-09-10
Completed:	11-29-10

Water Encountered: (Fresh, Salt, Sulfur)

Type:	From:	To:
Fresh	90'-94'	
Sulfur	230', 380'	

Casing Data:

Casing Outside Diameter:	Hole Diameter:	Depth:
9 5/8"	12 ¼"	97'
7"	8 ¾"	477' ✓

Occurrence of Oil and Gas:

Formation:	Interval:
Odor of oil	530'
Show of oil	625'
Big gas	685', 687'
Oil	735', 780'

-760

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO____

IMPORTANT: See Reverse Side

WELL PERMIT NO._____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

DO NOT WRITE IN THIS SPACE
Fee_____
Approval Date_____
Approved By_____
Plat_____
Bond_____
API No._____

COP

APPLICATION FOR PERMIT TO DRILL

1. Well operator: TN-K ENERGY GROUP, INC Telephone: (931) 808-3709
2. Permanent address: 649 SPARTA HWY SUITE 102 CROSSVILLE, TN 38555
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: CHARLES LYNDA ANDERSON Well no: 8
5. Farm owner's mailing address: 594 WINTON LN ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   2925' ~~FNL~~ FSL 900' ~~FEL~~ FWL Sec. 1 Carter Quad 2 N S 52 E W
8. Distance & direction from nearest town or postoffice: 3 m. NE of ALPINE off WINTON LN
9. Ground elevation: 877.9' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other_____
12. Name of contractor: TALLENT DRILLING CO. INC.
13. Address: SO. HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools_____ Combination_____
15. Distance from nearest property line; or unit line if unit: 330.62'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 438.43'
17. Single well bond: Cash_____ Surety_____ Blanket bond: Cash_____ Surety_____
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☐
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size_____ Length_____
    _____(Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size_____ Length_____
    _____(Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

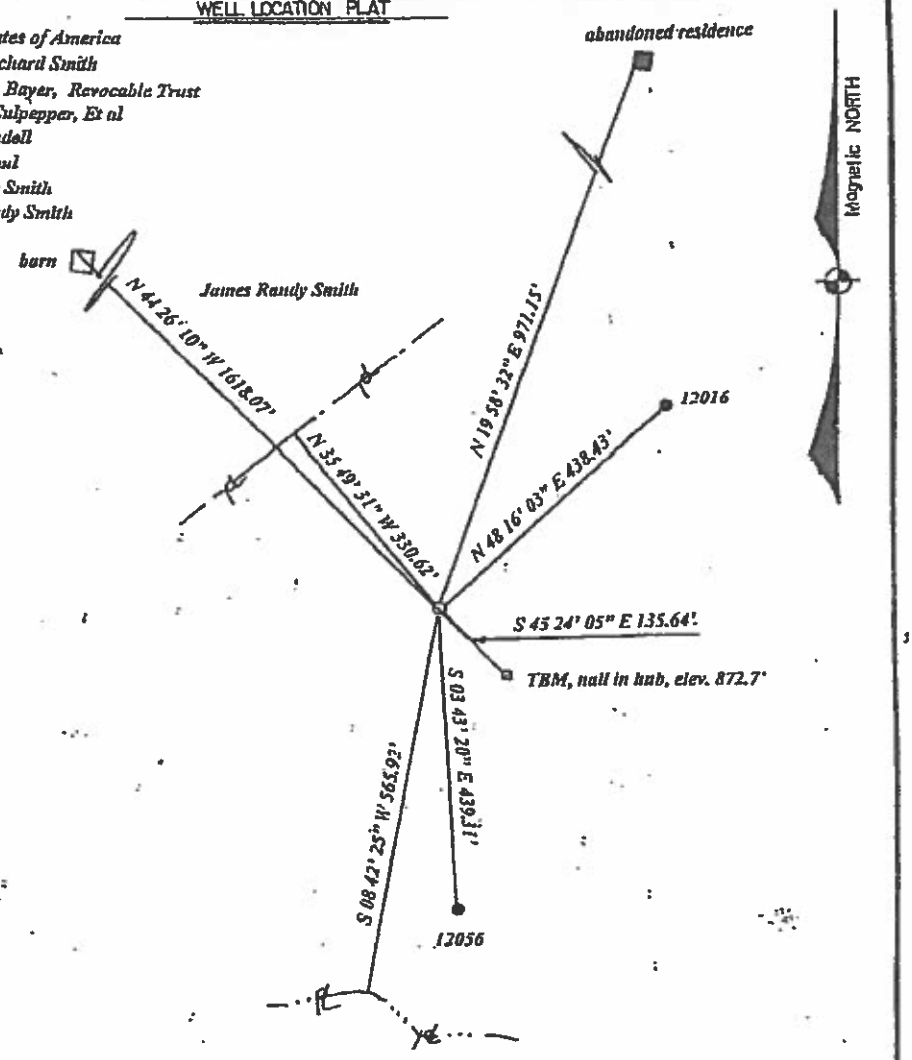
The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1
CN-0211 (Rev 6-93)

RDA 1910

WELL LOCATION PLAT

Bounded By:
North: United States of America
South: Lonnie Richard Smith
Myrna L. Bayer, Revocable Trust
Tammy Culpepper, Et al
East: Shawn Mundell
Freddie Paul
West: Ronald Lee Smith
James Randy Smith



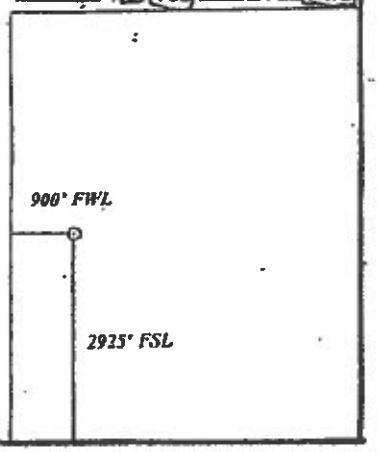
Lat: 36 24' 29.0"
Long: 85 10' 49.0"

Operator: *TN-K Energy Group, Inc.*
Address: *649 Spurin Highway Suite 102 Crossville, Tennessee 38555*

0 200' 400'
GRAPHIC SCALE: 1"=200'

Well name and/or number: *8*
Surface owner: *Charles and Lynda Anderson*
County: *Overton*
Distance and direction from nearest town: *Three miles northeast of Alpine off Winton Lane*
Acreage in drillsite tract: *201* Ground elevation: *877.9'*

Quadrangle *Alpine, 1979*
Sec. *1*, *2* S *52* E
2925' FSL *900'* FWL

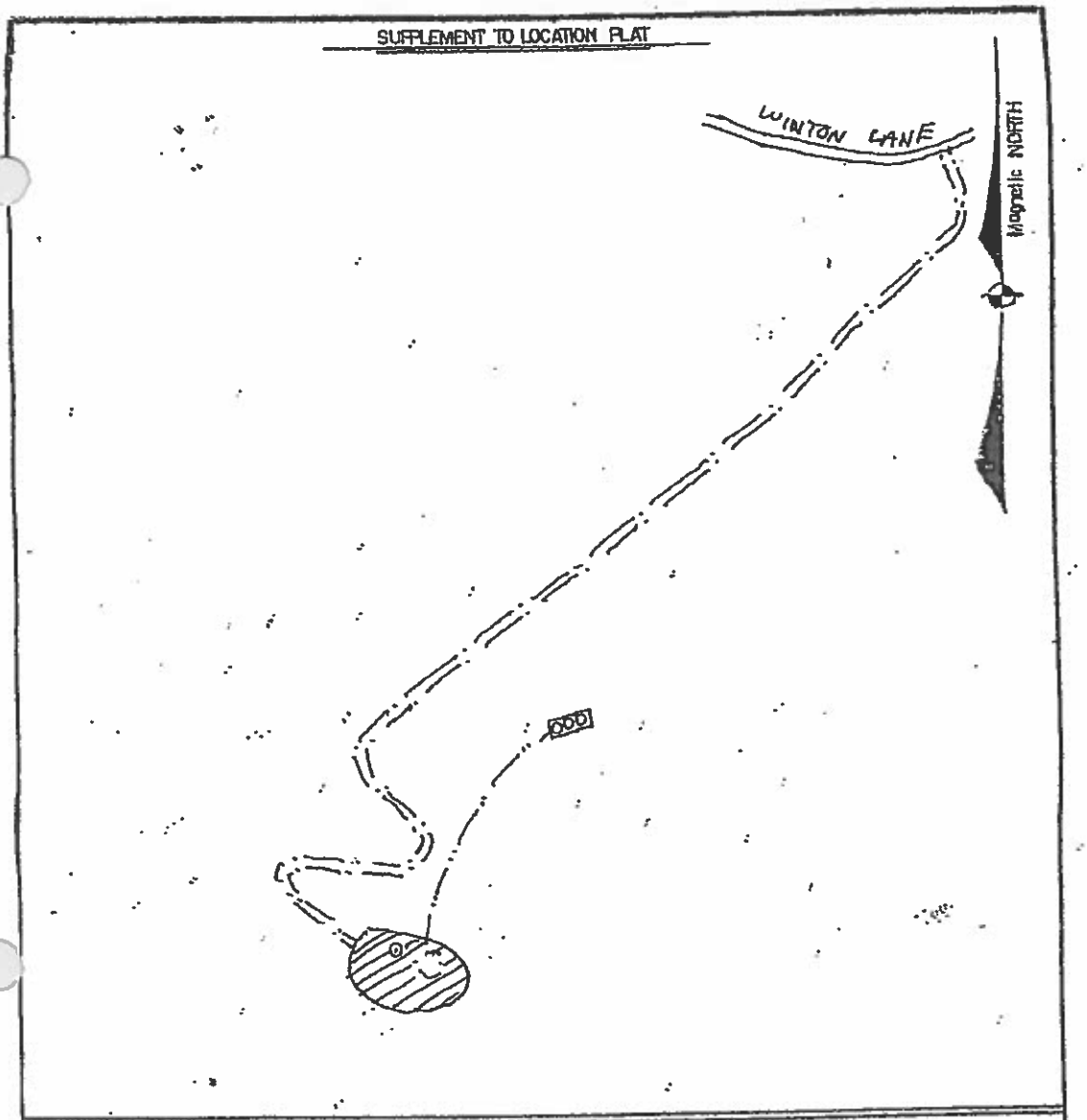


Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

Michael W. Asberry, P.L.S. # 1653, Date

SUPPLEMENT TO LOCATION PLAT



0 200' 400'

GRAPHIC SCALE: 1" = 200'

Operator: TN-K Energy Group, Inc.

Address: 649 Sparta Highway Suite 102 Crossville, Tennessee 38555

Well name and/or number: 8

Surface owner: Charles and Lynda Anderson

594 Winton Lane

Alpine, Tennessee 38543

LEGEND:

- Paved road
- Improved road
- Unimproved road
- Access road
- Well Location
- Tank battery
- Flow line
- Pit
- Disturbed area
- Residence
- Barn.

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

Michael W. Asberry, P.L.S. # 1653, Date

OPEN FLOW GAS TEST

WELL NAME: Charles and Linda Anderson #8

PERMIT NUMBER: 12107

COUNTY & STATE: Overton County, Tennessee

QUADRANGE: Alpine

CARTER CO-ORDINATES:

NAME OF WELL OPERATOR: TN-K Energy Group

TYPE OF EQUIPMENT: TELEDYNE MERLA ORIFICE TESTER

INITIAL SHUT-IN PRESSURE: 175

ORIFICE SIZE: 1/8"

INITIAL UPSTREAM PRESSURE: 20, rapidly building to 100+ PSI

FINAL UPSTREAM PRESSURE: 94 PSI

HOURS TESTED: 49

FINAL SHUT-IN PRESSURE (10 min. after test): 155 PSI

ESTIMATED OPEN FLOW AS PER TELEDYNE MERLA, FLOW RATE TABLES BASED ON 14.65 PSIA, 60 DEGREES FAHRENHEIT TEMP., 0.60 SPECIFIC GRAVITY OF GAS: 46 MCF/D

COMMENTS: At the request of operator, the smallest available choke size was used. This resulted in the chart pen running above the 100 PSI line for much of the test. Pressure readings for calculation were take from actual pressure guage readings to achieve accuracy.

DATES OF TEST: 8/11/2011 to 8/13/2011

SIGNATURE OF PERSON PERFORMING TEST:

BY: Jim Washburn

TITLE: Professional Geologist

Jim Washburn

Form R-DT1

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

COUNTY Overton
FIELD N/A
RESERVOIR Sunnybrook
PRODUCER TN-K Energy Group
PURCHASER Vented
DATE

GAS WELL DELIVERABILITY TESTS

NOTE:

MAIL ALL COPIES TO THE SUPERVISOR'S OFFICE ON OR BEFORE JUNE 1ST AND DECEMBER 1ST OF EACH YEAR.

SIGNATURE of COMPANY AGENT

TITLE

WELL DATA						DELIVERABILITY TEST								
LEASE OR UNIT	WELL NO.	PERMIT NO.	T.D. DRILLED	PERFORATED INTERVAL	UNIT ACREAGE	GAS M.C.F./DAY	BBLS. PER DAY WATER	BBLS. PER DAY COND.	WELL HEAD PRESS. Flowing Press.	WELL HEAD PRESS. Shut in Press.	LINE PRESS. PSIG	LIQUID GVTY.	DATE TESTED
Charles and Linda Anderson	8	12107	800	NA	4	46	0	0	94	175	0	NA	8/11 8/13 2011

Nite
1 AM
2 AM
3 AM
4 AM
5 AM
6 AM
7 AM
8 AM
9 AM
10 AM
11 AM
Noon
1 PM
2 PM
3 PM
4 PM
5 PM
6 PM
7 PM
8 PM
9 PM
10 PM
11 PM
THE DICKSON COMPANY
CHART No. 410

on 8-11-11

Charles Anderson #8

Choke 1/8

initial 175 PSI shut in

Initial upstream 20

Rapidly climbs to 100+

Final 94 PSI upstream

Tested with small choke available at request of operator

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

DIVISION OF WATER POLLUTION CONTROL

OIL AND GAS INSPECTION REPORT

NAME OF OPERATOR: [illegible]

ADDRESS: _____ CITY: _____ ST: ____ ZIP CODE: _____

NAME OF PROPERTY OWNER OR LEASE: [illegible]

PERMIT NUMBER: [illegible] WELL NUMBER: 8 ISSUANCE DATE: _____

COUNTY: [illegible] LATITUDE/LONGITUDE: _____

INSPECTION TYPE: PRE-DRILL ☐ DRILLING ☐ SURFACE CASING ☑

	YES	NO
Well Spacing Correct by Acre and Distance	✓	
Property Line Distance Correct	✓	
Well 200 Foot or Further from Dwelling	✓	
Well 200 Foot or Further from Water Well	✓	
Well 100 Foot or Further from Surface Waters or Sinkholes	✓	
Well 100 Foot or Further from Public Road	✓	
Creek Crossings Adequate	✓	
Lease Road Rocked and Drainage Controlled	✓	
Drill Site Pad OK and Drainage Controlled	✓	
Pit Size Adequate	✓	
Pit Liner Adequate		

Casing Size	[illegible]				Casing Condition:	New	✓	Used	
Casing Weight (lbs/ft)	[illegible]				Depth of Casing	[illegible]			
Cement Basket Used	Yes	✓	No		Centralizers Used	Yes	✓	No	
Shoe, Float, or Other	Yes	✓	No		Flakes, Gel or Other	Yes	✓	No	
Number of Cement Sacks Used	[illegible]				Cement Returned to Surface *	Yes	✓	No	
Cement Grouted Down Annulus	Yes	✓	No		Number of Cement Sacks Used	[illegible]			
Cement to Surface *	Yes	✓	No		Blow Out Preventer Installed	Yes		No	✓
Violation Requested	Yes		No	✓	Red Tag Posted	Yes		No	✓

GENERAL COMMENTS:

[illegible]

Operator's Signature: [illegible] Date: _____

Inspector's Signature: [illegible] Date: [illegible]

CN - 1264 RDA 1910

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

DIVISION OF WATER POLLUTION CONTROL

OIL AND GAS WELL STATUS AND RECLAMATION REPORT

NAME OF OPERATOR: TN K Energy

ADDRESS: _____ CITY: _____ ST: ____ ZIP CODE: _____

NAME OF PROPERTY OWNER OR LEASE: Charles E. Lynda Anderson

PERMIT NUMBER: 12107 WELL NUMBER: 2 ISSUANCE DATE: _____

COUNTY: Overton LATITUDE/LONGITUDE: _____

INSPECTION TYPE: OIL ☐ GAS ☑ INJECTION ☐ RECLAMATION RELEASE ☐

	YES	NO
Well in Production		
Signs Posted		
Lease Road Stabilized		
Well Site Stabilized		
Well Head Leaking Gas or Oil		
Flow or Gathering Lines Buried		
Location and Tank Batteries Free of Fire Hazards		
Well is Being Flared		
Tank Battery Berms and Pits Adequate		
Well is Plugged and Abandoned		
All Pits and Other Disturbances Graded		
Lease Road has 90% Permanent Diverse Vegetative Cover		
Well Site has 90% Permanent Diverse Vegetative Cover		
Two Spring or Summer Growing Seasons on All Revegetation		
All Flow and Gathering Lines Removed		
Tank Batteries Removed and Graded		
Tank Battery Site has 90% Permanent Diverse Vegetative Cover		
Final Bond Release		
Violation Requested		
Red Tag Posted		

GENERAL COMMENTS:

[illegible] has been drilled to [illegible]. [illegible] has been encountered in several places. Road has become [illegible] in several places. Please [illegible] road to prevent sediment loss to stream and pond. [illegible] is to be used for treatment [illegible] being additional [illegible] to be [illegible] to pit.

Operator's Signature: [illegible] Date: [illegible]

Inspector's Signature: [illegible] Date: 11-24-10

CN - 1263

RDA 1910

Charles and Lynda Well # 5

Permit # 12065

Carter Coordinates 1 2S 52E 2900 FSL 1675 FWL

- ☐ Permit
- ☐ Well History Report
- ☐ Driller Log
- ☐ Plat/Map
- ☑ change of operator form
- ☐ _____
- ☐ _____

IMPORTANT: See Reverse Side

FORM P-AD-3
CN-0237

WELL PERMIT NO. 12065

DO NOT WRITE IN THIS SPACE

Fee .....
Approval date .....
Approved by .....
Plat .....
Bond .....

STATE OIL & GAS BOARD
401 CHURCH STREET
TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION
NASHVILLE, TENNESSEE 37243-1534

APPLICATION TO CHANGE OPERATORS

PART I-TO BE COMPLETED BY OLD (ORIGINAL) OPERATOR

Description of Well as Permitted:

Permit No. 12065 Date permitted May 2010

Operator Overton oil and Gas, llc

Permanent address 150 Eagle Creek Rd Monroe, TN 38573

Telephone No. 931-397-9315

Lessor or Unit Charles and Lynda Anderson Well No. 5

County Overton Field Alpine Quad

Carter Coordinates:

2900 ~~FNL~~ (FSL) 1675 ~~FEL~~ (FWL) Sec. 1 Carter Quad. 2 ~~N~~ (S) 52 ~~E~~ (W)

Elevation 839' Proposed total depth 1150'

Deepest formation to be tested Stones River

Purpose of well:

Oil ☑ Gas ☑ Injection ☐ Geologic test ☐ Other .....

Rotary tools ☐ Cable tools ☐

Proposed or actual casing program 7" at 405'

Present Status of Well:

Location ☐ Drilling ☐ Producing ☐ Abandoned ☑ Total depth 1150'

Have all samples and well data been filed with the State Oil and Gas Supervisor? Yes ☑ No ☐

Has operator (old) complied with all requirements of the State Oil and Gas Board on this operation? Yes ☑ No ☐

If answer to either of above questions is no, explain: .....

SIGNATURE OF OLD OPERATOR

PART II-TO BE COMPLETED BY NEW OPERATOR

Operator (New): TN-K Energy Group, llc

Permanent address: 649 Sparta Hwy Suite 102

Telephone No. 931-707-9599

Sent 6/15/11

WELL PERMIT NO. 12065

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISON OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

County: _____
Quad: _____
Carter's: Sec. _____
T: _____ R: _____
FNL: _____ FEL: _____
FSL: _____ FWL: _____
LAT: _____
LONG: _____
(DO NOT WRITE IN THIS BOX FOR STATE USE ONLY)

Plug and Abandon Report

Notice: Must Be Filed Within 30 Days From Date Well Is Plugged

Operator: TN-K Energy Telephone: 931-707-9599 Alt Phone: 931-808-3709
Permanent Address: 649 Sparta Hwy Suite 102
Crossville, TN 38555
Mailing Address : Same

Well Name: Charles & Lynda Anderson #5 Well Permit No: 12065
Well Latitude: 36° 24' 28.8" Well Longitude: 85° 10' 40.1"
Well Total Depth: _____

Was Well Filled With Cement? ☐ Yes ☒ No Total Amount of Cement Used: 20 sacks

Please Indicate the **Size, Kind,** and **Depth** of all plugs used. Also Indicate zones squeezed cemented, make certain to give the amount of cement in each zone.

10 sacks @ 435' / and 10 sacks @ 55' /
Well previously plugged back @ 700'
Plugged 6-3-11 Did not witness

Notice: You Must Have an Inspector sign this form before it is considered complete. 6-6-11

Inspector's Signature: Jeff Patton **Name(printed):** Jeff Patton

If this Well was Plugged back for use as a fresh water well, give all pertinent details of plugging operation to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach a notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

I hereby attest and affirm that the information included on or associated with this certification is true and accurate to the best of my knowledge. I hereby authorize the State of Tennessee to make any contacts for verification of any information included on or with this certification.
Please attach additional sheets if necessary.

Operator's Signature: _____ **Name(printed):** Kenny A Page CEO
Date: 6-15-11 TN-K Energy Group Inc

Part III--TO BE COMPLETED BY OLD OPERATOR AND NEW OPERATOR

It is requested that Well Permit No. 12065 be transferred from Overton Oil and Gas Inc (old operator) to TNK Energy Group Inc (new operator). It is understood that the new operator is bound by all statements made by the old operator on the original permit application.

SIGNATURE OF OLD OPERATOR

SIGNATURE OF NEW OPERATOR

AFFIDAVIT (OLD OPERATOR)

STATE OF Tennessee

COUNTY OF Overton

Before me, the undersigned authority, on this day personally appeared Dan Cook, who being duly sworn on oath, known to me to be the person whose name is subscribed to the above application for amending of permit, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 8th day of May, in 2010

My commission expires 07-15-2012

DIANE NORROD STATE OF TENNESSEE NOTARY PUBLIC OVERTON COUNTY

AFFIDAVIT (NEW OPERATOR)

STATE OF Tennessee

COUNTY OF Overton

Before me, the undersigned authority, on this day personally appeared Kenny Page, who being duly sworn on oath, known to me to be the person whose name is subscribed to the above application for amending of permit, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 8th day of May, in 2010

My commission expires 07-15-2012

DIANE NORROD STATE OF TENNESSEE

Charles and Lynda Well # 11

Permit # 12247

Carter Coordinates 1-25-52E 2000 FNL 600 FEL

- [x] Permit
- [ ] Well History Report
- [x] Driller Log
- [x] Plat/Map
- [ ] _____
- [ ] _____
- [ ] _____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL & GAS BOARD
6TH Floor, L&C Annex
401 Church Street
Nashville, TN 37243-1534
(615) 532-0166

AUTHORITY TO DRILL, DEEPEN OR RE-OPEN A WELL

[X]	[X]	[ ]
FOR OIL	**FOR GAS**	**OTHER**

API No. *41-133-22442*
Depth Permitted *2500*
Permit No. *0012243*
Elevation *866.7*
County *Overton*
Date Issued *9/20/2011*

Material Required Within 30 Days Following Ceassation of Drilling Operations of the Well:
1. **Well History with Driller's Log**
2. **Mechanical Logs —2 final copies (if run)**
3. **Samples**

This is the authority under the 1943 Oil and Gas Law, as amended, and the rules and regulations of this Board, effective November 15, 1972, for *Tn-K Energy Group, Inc.* **to drill a well as described below.**

Said well is number *11* **and lessor is** *Charles & Lynda Anderson*

Location of well to be *1-2S-52E 2000 FNL, 600 FEL*

This permit expires in ninety (90) days from date of issuance unless drilling operations have commenced prior thereto. All information on this well required by the rules and regulations of the State Oil and Gas Board must be furnished to the State Oil and Gas Supervisor, at Nashville, Tenn., in compliance with the laws of the State of Tennessee. This permit must be posted at the well before drilling commences.

NOTICE: THIS PERMIT IS NOT IN ANY WAY TO BE CONSTRUED AS A CERTIFICATION BY THE STATE OF TENNESSEE THAT ANY PROPERTY INTEREST IN THE PREMISES COVERED BY THIS PERMIT IS VESTED IN THE PERMITTEE. IT IS ISSUED SOLEY UNDER THE REGULATORY POWERS VESTED IN THE TENNESSEE OIL AND GAS BOARD UNDER THE PROVISIONS OF TITLE 60 OF THE TENNESSEE CODE ANNOTATED FOR THE PURPOSES RECITED IN SAID CODE SECTION AND THE RULES AND REGULATIONS PROMULGATED BY THE BOARD PURSUANT TO SAID CODE SECTION.

STATE OIL AND GAS BOARD

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISON OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

Well Permit #_____
Fee: _____
Field Name: _____
Approval Date: _____
Approved By: _____
Plat: _____
Bond: _____
API No. _____
(DO NOT WRITE IN THIS BOX)

APPLICATION FOR PERMIT TO DRILL

Well Operator(Permittee): TN-K ENERGY GROUP, INC. Telephone (931) 808-3709 Alt Phone: _____
Permanent Address: 649 SPARTA HWY SUITE 102
CROSSVILLE, TENNESSEE 38555
Address for Mailing Permit: SAME AS OPERATOR
" " "
Land Owner (lessor) or Unit CHARLES AND LYNDA ANDERSON Well No. 11
Land Owner's Mailing Address:
594 WINTON LANE ALPINE, TN 38543
Name of Contractor: TRIENT DRILLING CO. INC. Telephone: (606) 387-8716 Alt Phone: _____
Address: 54 HWY 127
ALBANY, KY 42602

To Be Drilled By:
Rotary [✓] Cable Tools [ ] Combination [ ]
Purpose of Well:
Oil [✓] Gas [✓] Injection [ ] Other _____
Type of Bond:
Single Well Bond: Cash [ ] Surety [ ]
Blanket Well bond: Cash [ ] Surety [ ]

Location:
County OVERTON 7-1/2' Topo Quad.(Name) ALPINE, 1979
36°26' 4.0" Latitude 85°10' 08.1" Longitude
Carter Coordinates:
2000' (FNL), FSL 600' (FEL), FWL Sec 1 Carter Quad. 2 (N)(S) 52 (E)(W)
Ground Elevation 866.7' Proposed Total depth 2500'
Name of Deepest Geological Formation to be tested: KNOX
Distance from nearest property line; or unit line if a unit: 307.27
Distance to nearest well, regardless of status within 3000ft: 1080.36'
Distance & Direction from Nearest Town or Post Office: 3 m. NE OF ALPINE off WINTON LANE

Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
Surface casing program for rotary rig: Size: _____ Length _____
(Surface casing will be cemented with returns to the surface)
Description of casing program for cable tools: Size: _____ Length _____
(Surface casing will be cemented with returns to the surface)

Mineral Rights:
Will this well penetrate the Pennsylvanian strata? Yes [ ] No [✓]
(If you answered Yes to the question of will this well Penetrate the Pennsylvanian strata you must complete the following box)

Is the coal owned by any person other than the oil and gas lessor? Yes [ ] No [ ]
Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined?
Yes [ ] No [ ]
The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators named herein.

IMPORTANT: ***Each operator is expected to be familiar with the State of Tennessee Oil and Gas Rules and Regulations.*** In the event any assistance is required, write the Supervisor, State Oil and Gas Board, 6th Floor L& C Tower, 401 Church Street, Nashville, Tennessee 37243-1549 or call 615-532-0625 and ask for the Supervisor, Oil and Gas Board.

NOTICE: Permits are not in any way construed as certification by the State of Tennessee that any property interest in the premises covered by a permit is vested in the permittee; it is issued solely under the regulatory powers vested in the Tennessee Oil and Gas Board under the provisions of Title 60 of the Tennessee Code Annotated for the purposes recited in said code section and the rules and regulations promulgated by the Board pursuant to said code section.

I hereby attest and affirm that the information included on or associated with this application is true and accurate to the best of my knowledge. I hereby authorize the State of Tennessee to make any contacts for verification of any information included on or with this application.

Terry A Page CEO
Signature of Applicant

TALLENT DRILLING, INC.
R. R. 3 - Box 550
Albany, KY 42602
606-387-8327 / 606-387-8710

Start Date ~~Oct~~ Sept 25 19 2011
Finish Date Oct 1 19 2011

Operator TN-IC
Farm Anderson Well # 11 County Overton
Permit #

SIZE	LENGTH	PRICE PER FOOT	TOTAL

DEPTH	PRICE PER FOOT	
1780	9.50	16910.00

HOURLY CHARGES	RATE PER HOUR	
Dozer - 4 hrs dig reclaim pit	90.00	360.00
Tank haul and Rent		250.00

ADDITIONAL CHARGES	
1 Roll Plastic	250.00

Thank You !!! 17770.00

10/04/2011 19:54 FAX 002

WELL LOG AND COMPLETION REPORT

WELL IDENTIFICATION

Permit # _____

Operator TN-K

Farm Name Anderson

Well No. 11

TYPE OPERATION

Re-Open _____

New Well ✓

Deepening _____

LOCATION

County Overton

Sec. _____, Letter _____, Number _____

FNL _____ FEL

FSL _____ FWL

Elevation _____

Total Depth Drilled 1780

Hole Size 6 1/4

OPERATIONAL DATES

Commenced Sept 25/2011

Completed Oct 1/2011

WATER ENCOUNTERED (fresh, salt, sulfur)

Type	from	to
Fresh	120	

CASING DATA

Casing Outside Diameter	Hole Diameter	Depth
9 5/8	12 1/4	85' Cemented
7"	8 1/2	569' Cemented

OCCURRENCE OF OIL AND GAS

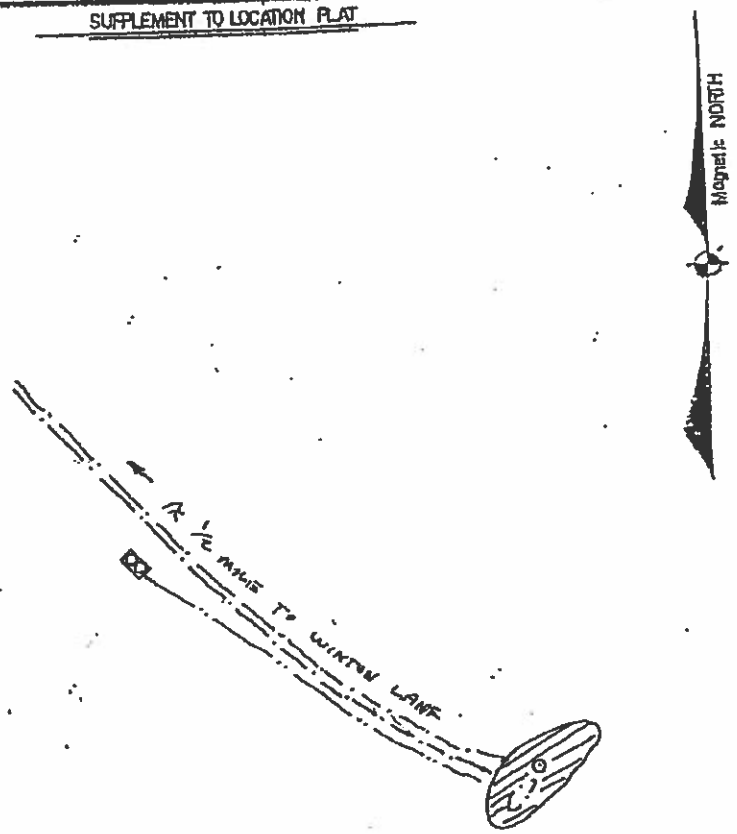
Formation	Interval

Anderson # 11

FROM	TO	ROCK TYPE (Describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)
0	80	Soil clay and Caves Set 85' 9 5/8 Casing
80	195	Grey limestone
195	318	Tan to Green Shaley limeston Ft Payne
* 318	344	Black Shale * / Set 369' 7" Casing
344	726	Grey limestone
726	868	Dark Black Brown limestone
868	873	Mud Cave
873	899	Brown cherty limestone
899	902	Pencil Cave
902	1275	Tan limestone Stones River
1275	1645	Brown limestone Murfreesboro
1645	1725	Grey dolomitic limestone Well Creek
1725	1780	Grey to brown dolomite and Chert Knox
TD 1780		

TD 1780

SUPPLEMENT TO LOCATION PLAT



LAT: 36 24' 41.0"
LONG: 85 10' 08.1"

0 200' 400'
GRAPHIC SCALE: 1"=200'

Operator: TN-K Energy Group, Inc.
Address: 649 Sparta Highway Suite 102 Crossville, Tennessee 38555

Well name and/or number: 11

Surface owner: Charles and Lynda Anderson
594 Winton Lane
Alpine, Tennessee 38543

LEGEND:
Paved road
Improved road
Unimproved road
Access road
Well Location
Tank battery
Flow line
Pit
Disturbed area
Residence
Barn

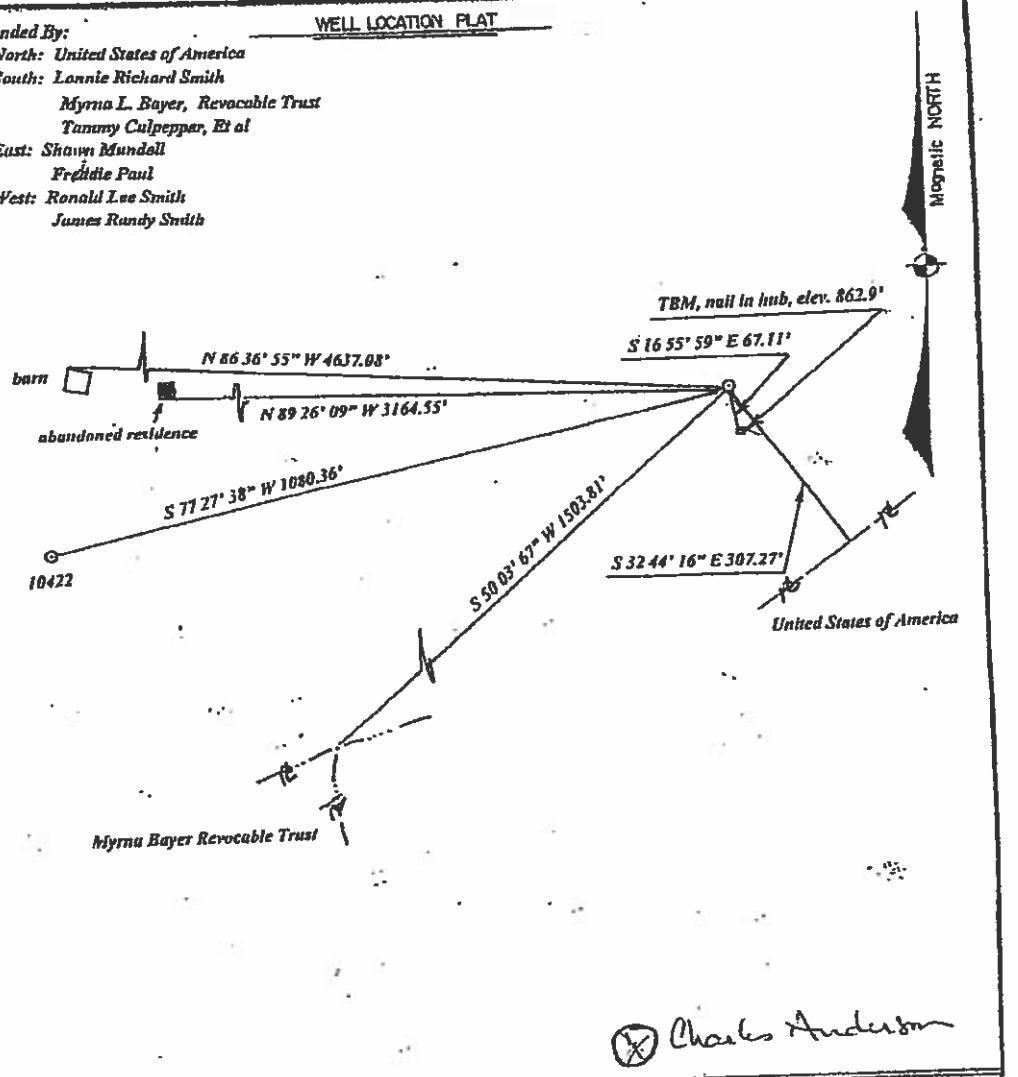
Prepared by:
Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6233

07/28/11

Michael W. Asberry, P.L.S. # 1653, Date

WELL LOCATION PLAT

Bounded By:
North: United States of America
South: Lonnie Richard Smith
Myrna L. Bayer, Revocable Trust
Tammy Culpepper, Et al
East: Shawn Mundell
Freddie Paul
West: Ronald Lee Smith
James Randy Smith



Charles Anderson

0 200' 400'
GRAPHIC SCALE: 1"=200'

Operator: TN-K Energy Group, Inc.
Address: 649 Sparta Highway Suite 102 Crossville, Tennessee 38555
Well name and/or number: 11
Surface owner: Charles and Lynda Anderson
County: Overton
Distance and direction from nearest town: Three miles northeast of Alpine off Winton Lane
Acreage in drillsite tract: 201 Ground elevation: 866.7

Quadrangle Alpine, 1979
Sec. 1, 2 S 53 E
2,004' FNL 600' FEL

2,004' FNL
600' FEL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

07/28/11
Michael W. Asberry, P.L.S. # 1653, Date

ASBERRY LAND SURVEYING 1653 TENNESSEE, NO.

Lonnie Richard Smith

~~Charles~~ and Lynda Well # 1

Permit # 12108

Carter Coordinates 1-25-5E 2090FSL 765FWL

- [x] Permit
- [x] Well History Report
- [x] Driller Log
- [x] Plat/Map
- [ ] _____
- [ ] _____
- [ ] _____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL & GAS BOARD
6TH Floor, L&C Annex
401 Church Street
Nashville, TN 37243-1534
(615) 532-0166

AUTHORITY TO DRILL, DEEPEN OR RE-OPEN A WELL

[X] FOR OIL [X] FOR GAS [ ] OTHER

API No. *41-133-22387*
Depth Permitted *2000*
Permit No. *0012108*
Elevation *865.8*
County *Overton*
Date Issued *11/19/2010*

Material Required Within 30 Days Following Ceassation of Drilling Operations of the Well:
1. **Well History with Driller's Log**
2. **Mechanical Logs ---2 final copies (if run)**
3. **Samples**

This is the authority under the 1943 Oil and Gas Law, as amended, and the rules and regulations of this Board, effective November 15, 1972, for *Tn-K Energy Group, Inc.* **to drill a well as described below.**

Said well is number *1* **and lessor is** *Lonnie Richard Smith*

Location of well to be *1-2S-52E 2090 FSL, 765 FWL*

This permit expires in ninety (90) days from date of issuance unless drilling operations have commenced prior thereto. All information on this well required by the rules and regulations of the State Oil and Gas Board must be furnished to the State Oil and Gas Supervisor, at Nashville, Tenn., in compliance with the laws of the State of Tennessee. This permit must be posted at the well before drilling commences.

NOTICE: THIS PERMIT IS NOT IN ANY WAY TO BE CONSTRUED AS A CERTIFICATION BY THE STATE OF TENNESSEE THAT ANY PROPERTY INTEREST IN THE PREMISES COVERED BY THIS PERMIT IS VESTED IN THE PERMITTEE. IT IS ISSUED SOLEY UNDER THE REGULATORY POWERS VESTED IN THE TENNESSEE OIL AND GAS BOARD UNDER THE PROVISIONS OF TITLE 60 OF THE TENNESSEE CODE ANNOTATED FOR THE PURPOSES RECITED IN SAID CODE SECTION AND THE RULES AND REGULATIONS PROMULGATED BY THE BOARD PURSUANT TO SAID CODE SECTION.

STATE OIL AND GAS BOARD

WELL PERMIT NO. 0012108

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION

Permit No. 0012108
Operator: TN-K Energy Group Inc
Farm Name: Lennit Richard Smith Well No. 1

TYPE OPERATION

(Check One)
New Well: ☒
Workover: ☐
Deepening: ☐

LOCATION

7 ½' quad Alpine
County Overton
Carter Coordinates 1-2 52
(Section) S Quad E
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

ELEVATION

865.8 (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH

Driller's Log: 775 Geophysical Log: _____

OPERATIONAL DATES

Date Commenced: 11-25-10 Date Drilling: _____
Date Completed: 12-2-10 Date Placed In Operation
Date Plugged: _____ (IF DRY HOLE) 12-3-10 (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: 9/2010
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

DRILLING METHOD

Cable Tools
from _____ to _____ (Depths)
Air

Rotary Tools
Conventional
from 0 to 775 (Depths)
from _____ to _____

Contractor(s): Tallent Drilling
Address RR 3 Box 550
Albany, KY 42602

TYPE(S) OF GEOPHYSICAL LOGS RUN:

(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

INITIAL PRODUCTION

Oil (BBL/Day): 1 ☒ Pumping ☐ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____

Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (*API): _____

PRODUCING INTERVAL

Formation Name(s)	Interval(s)
Sunny Brook	768-770

WELL TREATMENT

(Check Applicable Boxes)

		In open hole	Thru perforation
Shot _____ qts. _____	interval	☐	☐
Shot _____ qts. _____	interval	☐	☐
Acid _____ gals. _____	interval	☐	☐
Acid _____ gals. _____	interval	☐	☐
Fracture: _____ gals. _____	interval _____ lbs/Sand	☐	☐
Fracture: _____ gals _____	interval _____ lbs/Sand	☐	☐

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	44		No
7"	380	85	NO

TYPE OF COMPLETION

	Shut In	Producing
Dry Hole	☐	☐
Oil	☐	☐
Gas	☐	☐
Pressure Maintenance or Secondary Recovery		
Water Injection	☐	☐
Gas Injection	☐	☐
Gas Storage:		
Injection-Extraction	☐	☐
Observation	☐	☐

n/a n/a

SERVICE WELL

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐

(if other describe type)

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, full up tests, Dst's. Cores, ETC.)

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	35	Soil and Clay			
35	115	Gray limestone			
115	210	Dark Gray limestone			
210	350	Green Shale with Brown limestone			
* 350	375	Black shale			
375	560	Gray limestone			
560	775	Dark Gray limestone			
	775	TD			

Permit Operator Signature: _____

Affidavit

State of TENNESSEE Title NOTARY PUBLIC
County of CUMBERLAND

Subscribed and sworn to before me this 7TH day of JANUARY, 20 11.

My commission expires 06/06/2011

Notary Public Signature

JENNIFER P. DORAN
STATE OF TENNESSEE NOTARY PUBLIC
CUMBERLAND COUNTY

WELL PERMIT NO. 12108

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION

Permit No. 12108
Operator: TN-K Energy Group Inc
Farm Name: Richard Smith Well No. 1

TYPE OPERATION

(Check One)
New Well: ☐
Workover: ☒
Deepening: ☐

LOCATION

7 ½' quad Alpine
County Overton
Carter Coordinates 1-2 (Section) S 52 Quad E
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

INITIAL PRODUCTION

Oil (BBL/Day): _____ ☐ Pumping ☐ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (*API): _____

ELEVATION

865.8 (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH

Driller's Log: 875 Geophysical Log: _____

OPERATIONAL DATES

Date Commenced: 1-11-11 Date Drilling: [illegible]
Date Completed: 1-13-11 Date Placed In Operation
Date Plugged: _____ (IF DRY HOLE) _____ (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: _____
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

DRILLING METHOD

Cable Tools
from _____ to _____ (Depths)
Air
Contractor(s): _____
Address _____

Rotary Tools
Conventional
from _____ to _____ (Depths)
from _____ to _____

TYPE(S) OF GEOPHYSICAL LOGS RUN:

(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)

WELL TREATMENT

(Check Applicable Boxes)

			In open hole	Thru perforation
Shot _____	qts. _____	interval	☐	☐
Shot _____	qts. _____	interval	☐	☐
Acid 1500	gals. 764-776	interval	☐	☒
Acid _____	gals. _____	interval	☐	☐
Fracture: _____	gals. _____	interval _____ lbs/Sand	☐	☐
Fracture: _____	gals _____	interval _____ lbs/Sand	☐	☐

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED

TYPE OF COMPLETION

		Shut In	Producing
Dry Hole	☐		
Oil	☒	☐	☒
Gas	☐	☐	☐
Pressure Maintenance or Secondary Recovery			
Water Injection	☐		
Gas Injection	☐		
Gas Storage:			
Injection-Extraction	☐		
Observation	☐		

SERVICE WELL

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐

(if other describe type)

_____

_____

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, full up tests, Dist'n. Corps, ETC.)

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)

Permit Operator Signature: _____, CEO

Affidavit

State of Tennessee Title Notary Public
County of Cumberland

Subscribed and sworn to before me this 15th day of April, 2011.

My commission expires 3/4/2015

Andrea Sofia Marshall
Notary Public Signature

ANDREA SOFIA MARSHALL
STATE OF TENNESSEE NOTARY PUBLIC
CUMBERLAND COUNTY

Pd
Dec 12/23/10

TALLENT DRILLING, INC.
R. R. 3 ~ Box 550
Albany, KY 42602
606-387-8327 / 606-387-9710

Start Date 11/25 2010 19 ____
Finish Date 12/2/2010 19 ____

Operator TN-K Energy
Farm Richard Smith Well # 1 County Overton
Permit # ____

SIZE	LENGTH	PRICE PER FOOT	TOTAL
7" Casing	23 50	10 25	240, 87

DEPTH	PRICE PER FOOT	
725'	9 50	7362 50
Plastic		210 00

HOURLY CHARGES	RATE PER HOUR	
Dozer 11 hrs	90 00	990 00
Straw-		112 00

ADDITIONAL CHARGES	
Tank haul and Rent	250 00

Thank You !!!

$ 9165 37

WELL LOG AND COMPLETION REPORT

LL IDENTIFICATION

Permit # _____

Operator TN-K

Farm Name Richard Smith

Well No. 1st one dulled

PE OPERATION

Re-Open _____

New Well ✓

Deepening _____

LOCATION

County Overton

Sec. _____, Letter _____, Number _____

FNL FSL _____ FEL FWL _____

Elevation _____

Total Depth Drilled 725'

Hole Size 6 1/4

OPERATIONAL DATES

Commenced 11/25/2010

Completed 12/2/2010

WATER ENCOUNTERED (fresh, salt, sulfur)

Type	from	to
Fresh	160	

CASING DATA

Casing Outside Diameter	Hole Diameter	Depth
9 5/8	12 1/4	47'
7"	8 1/4	382'

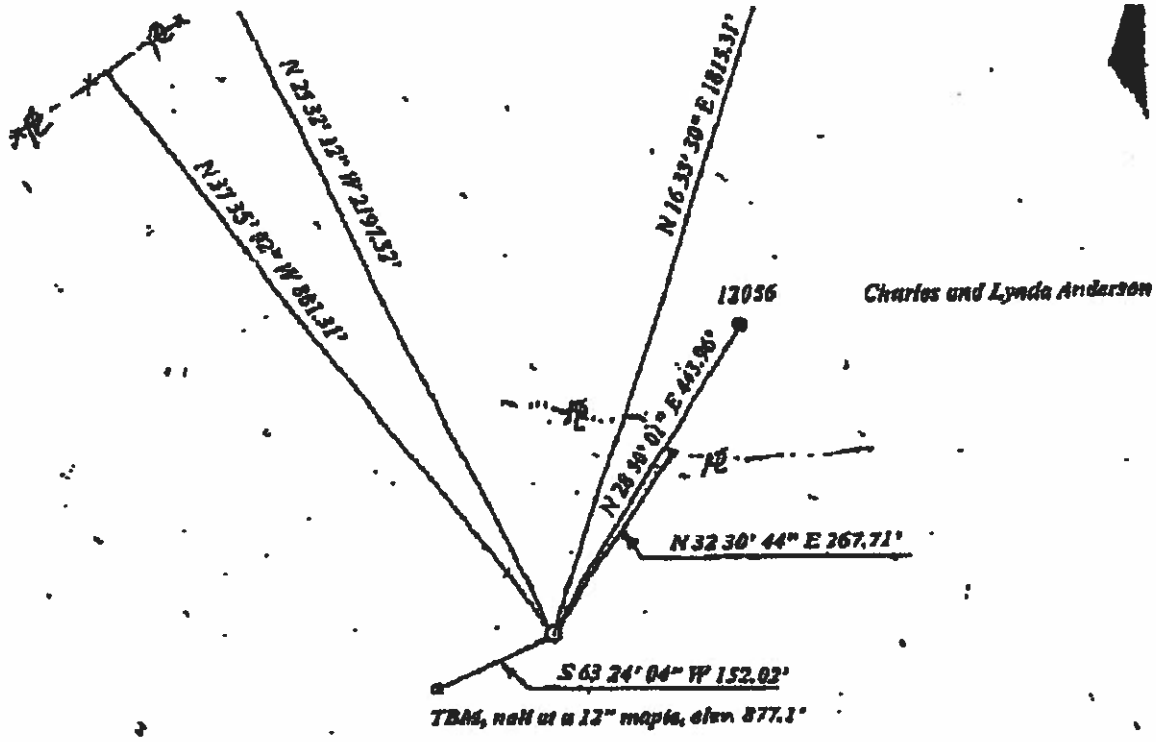
OCCURRENCE OF OIL AND GAS

Formation	Interval
Sunny brook	767-770

Richard Smith

FROM	TO	ROCK TYPE (Describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)
0	35	Soil and Clay
		Set 44' / 9 5/8 Casing
35	115	Grey limestone
115	210	Dark Grey limestone
210	350	Green Shale with Brown limestone
* 350	375	Black Shale Set 380' 7"
375	560	Grey limestone
560	775	Dark Grey limestone Sunny block
		Oil 768-770

TD 775



Lat: 36 24' 20.7"
Long: 85 18' 50.8"

Operator: TN-K Energy Group, Inc.
Address: 649 Sparta Highway Suite 102 Crossville, Tennessee 38555

0 800' 400'
GRAPHIC SCALE: 1" = 800'

Well name and/or number: 1
Quadrangle: Alpine, 1979
Sec. 1, 2 S 53 E
2090' FSL 765' FWL
Surface owner: Lonnie Richard Smith
County: Overton
Distance and direction from nearest town: One and one-fourth mile northeast of Alpine off Winton Lane
Acreage in drillsite tract: 140.78 Ground elevation: 865.8'

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6237

11/03/10
Michael W. Asberry, P.L.S. # 1653, Date

765' FWL
2090' FSL

Location approved Lonnie Richard Smith 11/5/2010 *

Lonnie Richard Smith #2

~~Charles and Lynda Well #~~ _____

Permit # 12132

Carter Coordinates 1-2S-52E 2000+SL 1165FWL

- ☑ Permit
- ☐ Well History Report
- ☐ Driller Log
- ☐ Plat/Map
- ☐ _____
- ☐ _____
- ☐ _____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL & GAS BOARD
6TH Floor, L&C Annex
401 Church Street
Nashville, TN 37243-1534
(615) 532-0166

AUTHORITY TO DRILL, DEEPEN OR RE-OPEN A WELL

[X] FOR OIL [X] FOR GAS [ ] OTHER

API No. 41-133-22397
Depth Permitted 2000
Permit No. 0012133
Elevation 831.9
County Overton
Date Issued 1/11/2011

Material Required Within 30 Days Following Ceassation of Drilling Operations of the Well:
1. Well History with Driller's Log
2. Mechanical Logs —2 final copies (if run)
3. Samples

This is the authority under the 1943 Oil and Gas Law, as amended, and the rules and regulations of this Board, effective November 15, 1972, for *Tn-K Energy Group, Inc.* **to drill a well as described below.**

Said well is number *2* **and lessor is** *Lonnie Richard Smith*

Location of well to be *1-2S-52E 2000 FSL, 1165 FWL*

This permit expires in ninety (90) days from date of issuance unless drilling operations have commenced prior thereto. All information on this well required by the rules and regulations of the State Oil and Gas Board must be furnished to the State Oil and Gas Supervisor, at Nashville, Tenn., in compliance with the laws of the State of Tennessee. This permit must be posted at the well before drilling commences.

NOTICE: THIS PERMIT IS NOT IN ANY WAY TO BE CONSTRUED AS A CERTIFICATION BY THE STATE OF TENNESSEE THAT ANY PROPERTY INTEREST IN THE PREMISES COVERED BY THIS PERMIT IS VESTED IN THE PERMITTEE. IT IS ISSUED SOLEY UNDER THE REGULATORY POWERS VESTED IN THE TENNESSEE OIL AND GAS BOARD UNDER THE PROVISIONS OF TITLE 60 OF THE TENNESSEE CODE ANNOTATED FOR THE PURPOSES RECITED IN SAID CODE SECTION AND THE RULES AND REGULATIONS PROMULGATED BY THE BOARD PURSUANT TO SAID CODE SECTION.

STATE OIL AND GAS BOARD

Michael F. Parker

RDA 1910

CN-0115 (Rev. 6-93)

WELL PERMIT NO. 0012133

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION Permit No. 12133
Operator: TN-K Energy Group Inc
Farm Name: Richard Smith Well No. 2

TYPE OPERATION (Check One)
New Well: [X]
Workover: [ ]
Deepening: [ ]

LOCATION 7 ½' quad Alpine
County Overton
Carter Coordinates 12 (Section) 52 Quad S / E
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

INITIAL PRODUCTION
Oil (BBL/Day): 10 [ ] Pumping [X] Natural
Gas (MCF/Day): _____ [ ] Flowing [ ] After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ [ ] Shut-In [ ] Flowing
Casing (in psi): _____ [ ] Shut-In [ ] Flowing
Disposition of Gas: [ ] Vented [ ] Fuel [ ] Sold
Oil Gravity (*API): _____

ELEVATION 831.9 (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 875 Geophysical Log: _____

OPERATIONAL DATES
Date Commenced: 2-14-11 Date Drilling: 2-21-11
Date Completed: 3-23-11 Date Placed In Operation _____
Date Plugged: _____ (IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: _____
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable Tools from _____ to _____ (Depths)
Rotary Tools Conventional from 0 to 875 (Depths)
Air from _____ to _____
Contractor(s): Tallent Drilling
Address PO Box 482
Albany, KY 42602

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)
Sunnybrook	820 - 835

WELL TREATMENT (Check Applicable Boxes)

			In open hole	Thru perforation
Shot _____ qts.	_____	interval	[ ]	[ ]
Shot _____ qts.	_____	interval	[ ]	[ ]
Acid 1500 gals.	813-833	interval	[ ]	[X]
Acid _____ gals.	_____	interval	[ ]	[ ]
Fracture: _____ gals.	_____	interval	[ ]	[ ]
_____ lbs/Sand				
Fracture: _____ gals	_____	interval	[ ]	[ ]
_____ lbs/Sand				

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8 in	43.4	0	No
7 in	412 ft	90	No

TYPE OF COMPLETION

		Shut In	Producing
Dry Hole	☐	n/a	n/a
Oil	☒	☐	☒
Gas	☐	☐	☐

Pressure Maintenance or Secondary Recovery
- Water Injection ☐
- Gas Injection ☐

Gas Storage:
- Injection-Extraction ☐
- Observation ☐

SERVICE WELL
- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐
  (if other describe type)

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, full up tests, Dist's. Corps, ETC.)
	None	

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	36	Soil & Clay	820	875	Brown limestone
36	140	Gray limestone		875	Total Depth.
140	230	Dark Gray limestone			
230	383	Gray to Tan limestone			
383	408	Black Shale			
408	625	Gray limestone/Dolomite			
625	820	Dark Gray limestone			
820	835	Oil Show			

Permit Operator Signature: _____, CEO

Affidavit

State of Tennessee Title Notary Public
County of Cumberland

Subscribed and sworn to before me this 5th day of April, 20 11.

My commission expires 3/4/2015

Andrea Sofia Marshall
Notary Public Signature

ANDREA SOFIA MARSHALL
STATE OF TENNESSEE NOTARY PUBLIC
CUMBERLAND COUNTY

Rick Talent Drilling, Inc.
~~[illegible]~~ Box 452
Albany, KY 42602
606-387-8327 / 606-387-8710

Start Date Feb-4 19 2011
Finish Date Feb-21 19 2011

Operator TN-K Energy
Farm L. Richd Smith Well # 2 County Overton
Permit #

SIZE	LENGTH	PRICE PER FOOT	TOTAL
7" Casing	32'	10.50	336.00

DEPTH	PRICE PER FOOT	
875	9.50	8312.50
Cement 7" Casing		1900.00

HOURLY CHARGES	RATE PER HOUR	
Dozer - 12 hrs	90.00	1080.00
Plastic		210.00

ADDITIONAL CHARGES	
Straw	115.00
Tank Rent	250.00

Thank You !!!

$ 12203.50

4/18/11
PER DAN, PAID IN FULL.

WELL LOG AND COMPLETION REPORT

WELL IDENTIFICATION

Permit # _____

Operator TN-K Energy

Farm Name Richard Smith

Well No. 2

TYPE OPERATION

Re-Open _____

New Well ✓

Deepening _____

LOCATION

County Overton

Sec. _____ Letter _____ Number _____

_____ FNL FSL _____ FEL FWL

Elevation _____

Total Depth Drilled 875

Hole Size 6 1/4

OPERATIONAL DATES

Commenced Feb-14

Completed Feb-21

WATER ENCOUNTERED (fresh, salt, sulfur)

Type	from	to
Fresh	160	
Sulfur	280	

CASING DATA

Casing Outside Diameter	Hole Diameter	Depth
9 5/8	12 1/4	43'
7"	8 1/2	442" Cemented with 90 sks

OCCURRENCE OF OIL AND GAS

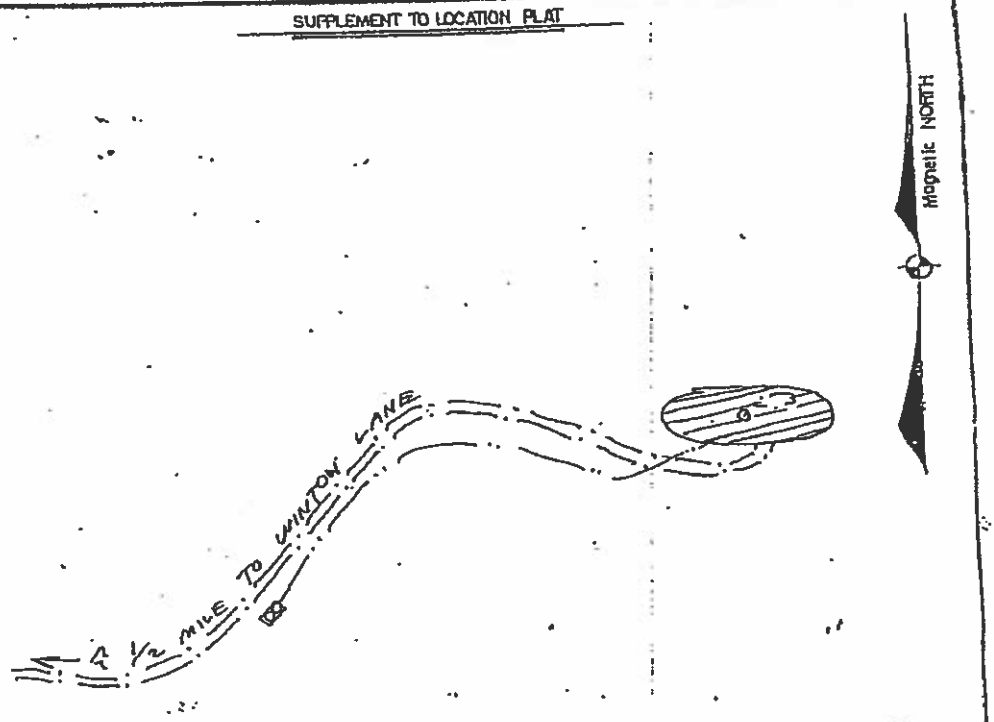
Formation	Interval
Sunny brook	820 ~~8~~ 835

(OVR

FROM	TO	ROCK TYPE (Describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)
0	86	Soil and clay
36	140	Grey limestone Set 45' 9 5/8
140	230	Dark Grey limestone
230	383	Grey to Tan limestone Fr Pay
383	408	Black Shale Set 413' 7"
408	625	Grey limestone with dolomite
625	820	Dark Grey limestone
		oil Shale 820- 835
820	875	Brown limestone
875	TD	875

TD 875'

SUPPLEMENT TO LOCATION PLAT



Operator: TN-K Energy Group, Inc.

Address: 649 Sparta Highway Suite 102 Crossville, Tennessee 38555

Well name and/or number: 2

Surface owner: Lonnie Richard Smith

5406 Wakefield Drive

Nashville, Tennessee 37220

0 200' 400'

GRAPHIC SCALE: 1" = 200'

LEGEND:

Paved road
Improved road
Unimproved road
Access road
Well Location
Tank battery
Flow line
Pit
Disturbed area
Residence
Barn

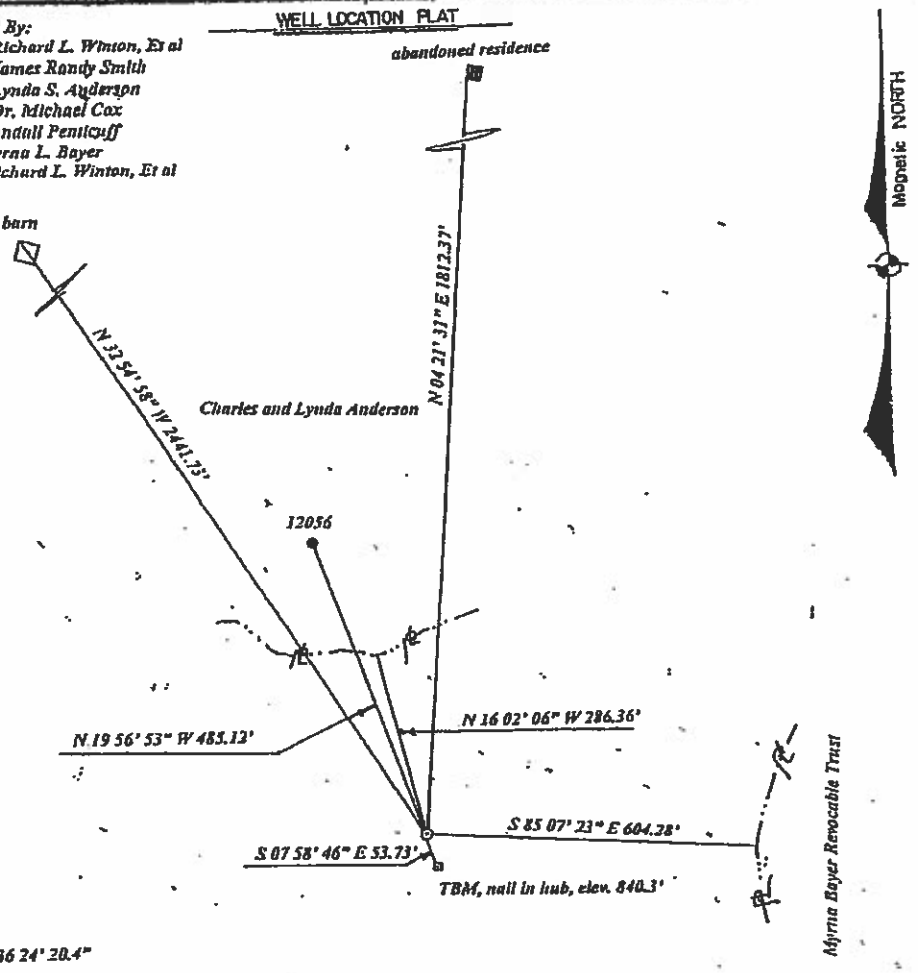
Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

Michael W. Asberry, P.L.S. # 1653, Date

WELL LOCATION PLAT

Bounded By:
North: Richard L. Winton, Et al
James Randy Smith
Lynda S. Anderson
South: Dr. Michael Cox
East: Randall Penticoff
Myrna L. Bayer
West: Richard L. Winton, Et al



Lat: 36 24' 20.4"
Long: 85 10' 45.8"

Note: The proposed drill site spots above the 840' contour, but it has been determined to be 831.9' from benchmark.

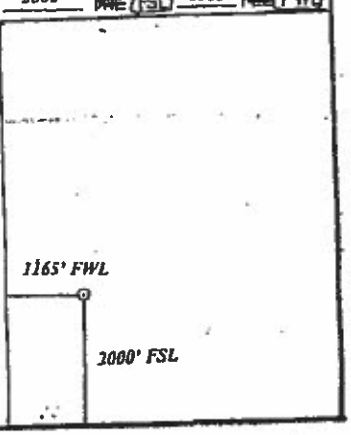
0 200' 400'
GRAPHIC SCALE 1"=200'

Operator: *TN-K Energy Group, Inc.*
Address: *649 Sparta Highway Suite 102 Crossville, Tennessee 38555*
Well name and/or number: *2*
Surface owner: *Lonnie Richard Smith*
County: *Overton*
Distance and direction from nearest town: *One and one-fourth mile northeast of Alpine off Winton Lane*
Acreage in drillsite tract: *140.75* Ground elevation: *831.9'*

Quadrangle *Alpine, 1979*
Sec. *1*, *2* S *53* E
3000' FSL *1165'* FWL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232



Michael W. Asberry, P.L.S. # 1653, Date

Charles and Lynda Well # 1

Permit # 12016

Carter Coordinates 1 2S 52E

- ☐ Permit
- ☑ Well History Report
- ☑ Driller Log
- ☐ Plat/Map
- ☐ _____
- ☐ _____
- ☐ _____

RECEIVED
DEC 1 2 2011
TN OIL & GAS BOARD

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

WELL PERMIT NO. 0012016

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION Permit No. 0012016
Operator: TN-K Energy Group Inc
Farm Name: Charles/Lynda Anderson Well No. 1

TYPE OPERATION (Check One)
New Well: ☐
Workover: ☒
Deepening: ☐

LOCATION 7 ½' quad Alpine
County Overton
Carter Coordinates 2 (Section) S 52 E Quad
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

INITIAL PRODUCTION
Oil (BBL/Day): 8 ☒ Pumping ☐ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (°API): _____

ELEVATION 848.4 (Ground) _____ (D.F.) (K.B.)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)

TOTAL DEPTH
Driller's Log: 875 Geophysical Log: _____

OPERATIONAL DATES
Date Commenced: 10-13-10 Date Drilling: _____
Date Completed: 10-16-10 Date Placed In Operation _____
Date Plugged: _____ (IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: _____
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

WELL TREATMENT (Check Applicable Boxes)

		In open hole	Thru perforation
Shot _____ qts. _____	interval	☐	☐
Shot _____ qts. _____	interval	☐	☐
Acid 1500 gals. 830-840	interval	☐	☒
Acid _____ gals. _____	interval	☐	☐
Fracture: _____ gals. _____	interval	☐	☐
_____ lbs/Sand			
Fracture: _____ gals _____	interval	☐	☐
_____ lbs/Sand			

DRILLING METHOD
Cable Tools from _____ to _____ (Depths)
Air
Rotary Tools Conventional from _____ to _____ (Depths)
from _____ to _____
Contractor(s): _____
Address _____

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

RDA 1910

CN-0221(Rev.08-10)

02/09/2011 11:32 615-532-1517 IN DIO OF GEOLOGY

WELL PERMIT NO. 12016

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION

Permit No. 12016
Operator: TN-K Energy Group Inc
Farm Name: Charles/Lynda Anderson Well No. 1

TYPE OPERATION

(Check One)
New Well: ☐
Workover: ☒
Deepening: ☐

LOCATION

7 ½' quad Alpine
County Overton
Carter Coordinates 2 52
(Section) S Quad E
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

INITIAL PRODUCTION

Oil (BBL/Day): _____ ☐ Pumping ☐ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____

Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (*API): _____

ELEVATION 848.4 (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH

Driller's Log: 875 Geophysical Log: _____

OPERATIONAL DATES

Date Commenced: 3-15-11 Date Drilling: _____
Date Completed: 3-17-11 Date Placed In Operation
Date Plugged: _____ _____
(IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: _____
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

DRILLING METHOD

Cable Tools
from _____ to _____
(Depths)
Air

Rotary Tools
Conventional
from _____ to _____
(Depths)
from _____ to _____

Contractor(s): _____
Address _____

PRODUCING INTERVAL

Formation Name(s)	Interval(s)

WELL TREATMENT

(Check Applicable Boxes)

			In open hole	Thru perforation
Shot _____	qts. _____	interval	☐	☐
Shot _____	qts. _____	interval	☐	☐
Acid 1500	gals. 815-845	interval	☐	☒
Acid _____	gals. _____	interval	☐	☐
Fracture: _____	gals. _____	interval _____ lbs/Sand	☐	☐
Fracture: _____	gals _____	interval _____ lbs/Sand	☐	☐

TYPE(S) OF GEOPHYSICAL LOGS RUN:

(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED

TYPE OF COMPLETION

		Shut In	Producing
Dry Hole	☐	n/a	n/a
Oil	☒	☐	☒
Gas	☐	☐	☐

Pressure Maintenance or Secondary Recovery

- Water Injection ☐
- Gas Injection ☐

Gas Storage:

- Injection-Extraction ☐
- Observation ☐

SERVICE WELL

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐

(if other describe type)

_____

_____

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, full up tests, Dist's. Corps, ETC.)

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)

Permit Operator Signature: _____, CEO

Affidavit

State of Tennessee Title Notary Public
County of Cumberland

Subscribed and sworn to before me this 15th day of April, 20 11.

My commission expires 3/4/2015

_____
Notary Public Signature

ANDREA SOFIA MARSHALL
STATE OF TENNESSEE NOTARY PUBLIC
CUMBERLAND COUNTY

WELL PERMIT NO. 0012016

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION Permit No. 0012016
Operator: TN-K Energy Group Inc
Farm Name: Charles/Lynda Anderson Well No. 1

TYPE OPERATION (Check One)
New Well: ☐
Workover: ☒
Deepening: ☐

LOCATION 7½' quad Alpine
County Overton
Carter Coordinates 2 (Section) S 52 Quad E
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

INITIAL PRODUCTION
Oil (BBL/Day): _____ ☐ Pumping ☐ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (*API): _____

ELEVATION 848.4 (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 875 Geophysical Log: _____

OPERATIONAL DATES
Date Commenced: 10-13-10 Date Drilling: _____
Date Completed: 10-16-10 Date Placed In Operation _____
Date Plugged: _____ (IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: _____
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)

DRILLING METHOD
Cable Tools from _____ to _____ (Depths)
Air
Rotary Tools
Conventional from _____ to _____ (Depths)
from _____ to _____
Contractor(s): _____
Address _____

WELL TREATMENT (Check Applicable Boxes)

			In open hole	Thru perforation
Shot _____ qts.	_____ interval		☐	☐
Shot _____ qts.	_____ interval		☐	☒
Acid 1500 gals.	830-840 interval		☐	☐
Acid _____ gals.	_____ interval		☐	☐
Fracture: _____ gals.	_____ interval	_____ lbs/Sand	☐	☐
Fracture: _____ gals	_____ interval	_____ lbs/Sand	☐	☐

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED

CN-0221(Rev.08-10)

RDA 1910

Permit Operator Signature: _____

Affidavit

State of TN Title Notary
County of Cumberland

Subscribed and sworn to before me this 29th day of November, 2010.

My commission expires 04-06-2014

Notary Public Signature

KENNETH HUNGERFORD
STATE OF TENNESSEE NOTARY PUBLIC
CUMBERLAND COUNTY

TYPE OF COMPLETION

		Shut In	Producing
Dry Hole	☐		
Oil	☒	n/a	n/a
Gas	☐	☐	☐
Pressure Maintenance or Secondary Recovery			
Water Injection	☐		
Gas Injection	☐		
Gas Storage:			
Injection-Extraction	☐		
Observation	☐		

SERVICE WELL

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐
  (if other describe type)

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, full up tests, Dist's, Corps, ETC.)

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	822 ft	2 3/8 tubing			
822	830	top packer			
830	-840	Between packers			
840	846	Bottom packer			

WELL LOG AND COMPLETION REPORT

WELL IDENTIFICATION

Permit # _____

Operator Cureton Oil and Gas

Farm Name Anderson

Well No. 1

TYPE OPERATION

Re-Open _____

New Well ✓

Deepening _____

LOCATION

County Cureton

Sec. _____, Letter _____, Number _____

_____ FNL FSL _____ FEL FWL

Elevation _____

Total Depth Drilled _____

Hole Size 6 1/4

OPERATIONAL DATES

Commenced 1/12/00

Completed Jan 25/10

WATER ENCOUNTERED (fresh, salt, sulfur)

Type	from	to
Sulfur	225	230
Salt	575	

CASING DATA

Casing Outside Diameter	Hole Diameter	Depth
9 5/8	12"	72'
7"	8 1/2	455

OCCURRENCE OF OIL AND GAS

Formation	Interval
Sunnybrook	860-865

(over

Anderson #1

FROM	TO	ROCK TYPE (Describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)
		Set 72' 9 5/8 Casing
0	68	Soil Clay and Caves
68	220	Grey Shaley Limestone
220	412	Green Shaley Limestone Water at 220
412	435	Black Shale Set 455' 7" Casing
435	620	Grey Limestone
620	875	Dark Grey Shaley Limestone
		Oil at 860 - 868
		Water 873
		TD 875
10/12/2000	WKWS	7" @ 460.0
		old Plug @ 8686
		center of new plug @ 8665
		Top @ 8655

TD 875

RELIABLE OIL FIELD SERVICE INC.

Box 237
Fairfield, IL 62837
(618) 842-2588
(618) 842-9975

CONTRACT DATA NO. 5501

Date 3/16/11

To: RELIABLE OIL FIELD SERVICE INC.

You are hereby requested to furnish equipment and servicemen to deliver and operate the same as an independent contractor to

TNK
(Well Owner or Contractor)

Charge to _____ Address _____

and deliver and sell materials for the purpose of servicing

Well No. _____ Lease Charles Anderson #1 Sec. _____ Twp. _____ Range _____

Field _____ County Overton State TN

Materials Ordered 1500 gal 16% HCL

SERVICE DATA

Casting Size _____ Weight _____ Depth Set _____

Tubing Size 2 3/8 Weight _____ Packer Set 815-845

Perforations From _____ TO _____ Open Hole From _____ TO _____

Formation to be Treated _____

SERVICE INSTRUCTION

See Job Log # 2580

RELIABLE OIL FIELD SERVICE INC. PERSONNEL

Names	Truck or Equipment
Brett Withrow	#4

By Owner, Operator or His Agent

Pd 3/16 1700.00

INVOICE SECTION

Description	Qty.	Unit Price	Amount
1500 gal 16% HCL	1500 gal	1.30 gal	1950.00
Inhibitor	3 gal	30.00 gal	90.00
Non-Emulsifier	6 gal	30.00 gal	180.00
Clay Stabilizer	9 gal	30.00 gal	270.00
MA 844 W	6 gal	40.00 gal	240.00
Pump Truck		1.50	650.00
Mileage	340 mi	3.00 mi	1020.00
Hot Charge	3 hr	100.00 hr	300.00
		TOTAL	4700.00

As consideration, the above named (well owner or contractor) agrees: (a) to pay you in accordance with your current price schedule; (b) Reliable Oil Field Service Inc. shall not be liable for damage to property of well owner and/or customer unless caused by its willful negligence, this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage. Well owners and/or customer shall be responsible for and secure Reliable Oil Field Service Inc. against any liability for reservoir loss or damage, or property damage arising from well blowout, unless such loss or damage is caused by the willful negligence of Reliable Oil Field Service Inc. If equipment or instruments of Reliable Oil Field Service Inc. are lost or damaged at the well, well owner and/or customer shall either recover the same or pay for such equipment or instrument unless, however, such loss or damage is caused by the negligence of Reliable Oil Field Service Inc.; (c) that you make no guarantee of the materials used nor of the results of treatment; (d) that you will not be bound by an representation or agreement not herein contained. It is understood you will pay wages (and all taxes and withholding thereon) and comply with workmen's compensation statutes applicable to servicemen to furnish; (e) customer agrees to pay all costs of collection and reasonable attorney fees; and (f) no employee is authorized to alter the terms and conditions of this agreement.

This Contract Must Be Signed Before Work Is Commenced. SIGNED _____
Well Owner or Contractor

10% Discount if paid on location. 5% discount if paid within 10 days. A finance charge will be added at a monthly rate of 2% which is an annual fee of 24% on past due accounts. ALL WORK PAYABLE UPON INVOICE.

RELIABLE OIL FIELD SERVICES, INC.

№ 2580

TICKET NO. 5501

JOB LOG

COMPANY Tusk WELL NO. #1 LEASE Charles Anderson

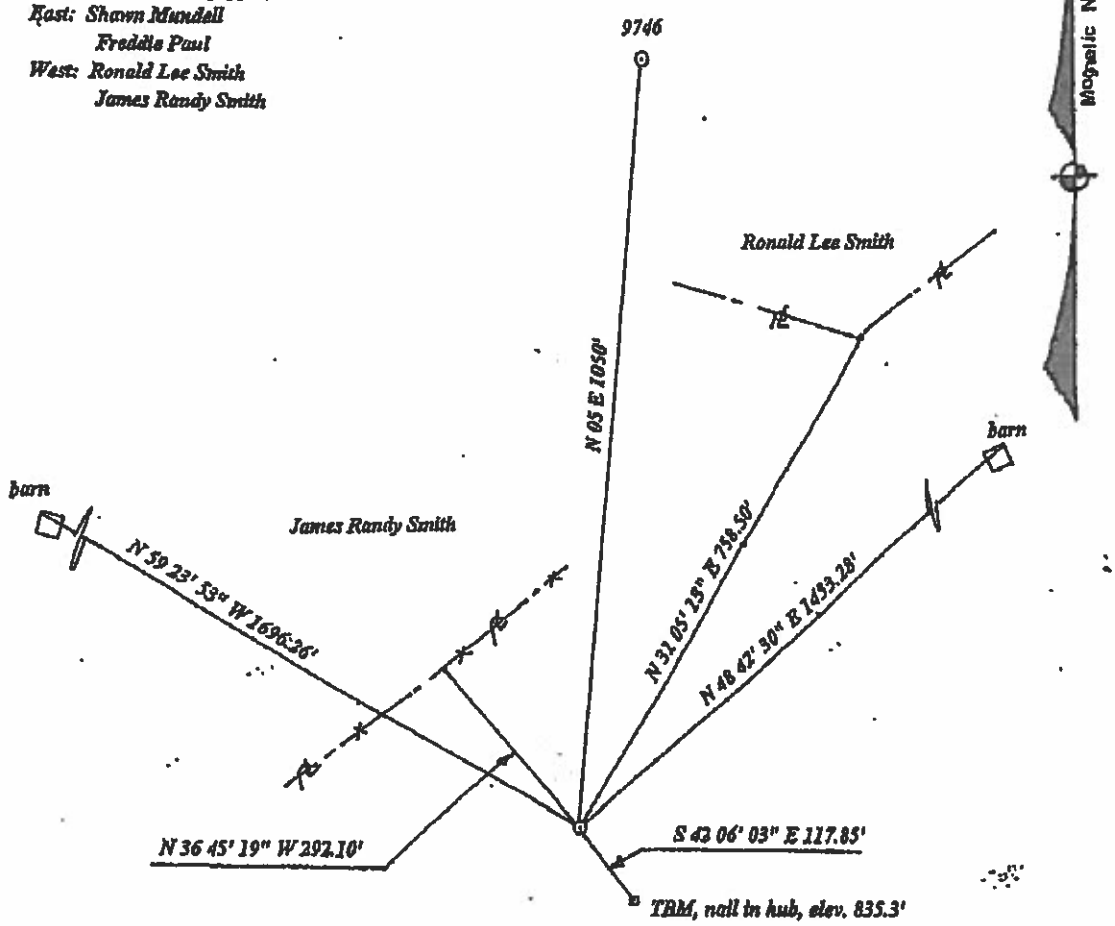
3/17/11 1500 gal 16% HCL

DESCRIPTION	TIME	RATE	BBLS	PSI TUB / ANN / CSG
2 3/8 tubing	PKRS 815-845	tubing volume 3.2 bbl		
START ACID	10:19	2 BPM	0 bbl	0 psi
tubing loads			2.9 bbl	100 psi
Press up Set	PKRS 10:24	to 500 psi	Bleed off to 300 psi	
	take to 1500 psi	Holds - Release -		
Drop ball	10:28 to open sleeve			
START ACID	open ACID	well goes	3 bbl on vacuum	2 BPM
Pump Acid		3.6 BPM	6 bbl	0 psi
Catch pressure			9 bbl	300 psi
			12 bbl	400 psi
Increase Rate		5 BPM	12 bbl	700 psi
			18 bbl	750 psi
	top pressure		21 bbl	800 psi
Reduce Rate		4.9 BPM	21 bbl	700 psi
START Flush		1 1/2 BPM	35.7 bbl	300 psi
Flush in			38.5 bbl	300 psi
Shut Down	10:45		ISIP	100 psi
	2 min			0 psi

Bounded By:

WELL LOCATION PLAT

North: United States of America
South: Lonnie Richard Smith
Myrna L. Bayer, Revocable Trust
Tammy Culpepper, Et al
East: Shawn Mundell
Freddie Paul
West: Ronald Lee Smith
James Randy Smith



Operator: Overton Oil and Gas, Inc.

Address: 9330 LBJ Suite 901 Dallas, TX 75243

Well name and/or number: 1

Surface owner: Charles and Lynda Anderson

County: Overton

Distance and direction from nearest town: Three miles northeast of Alpine off Winton Lane

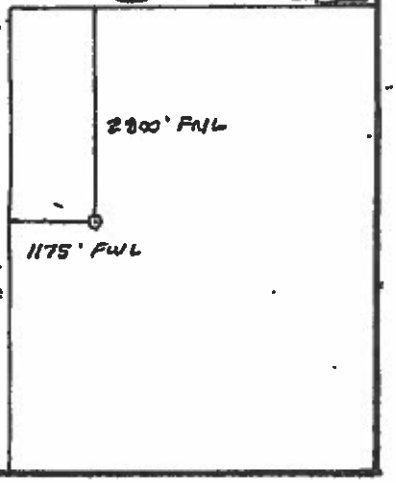
Acreage in drillsite tract: 201 Ground elevation: 848.4'

0 200' 400'
GRAPHIC SCALE: 1"=200'

Quadrangle Alpine, 1979

Sec. 1, 2 S 52 E

2800' FNL 1175' FWL



Prepared by:

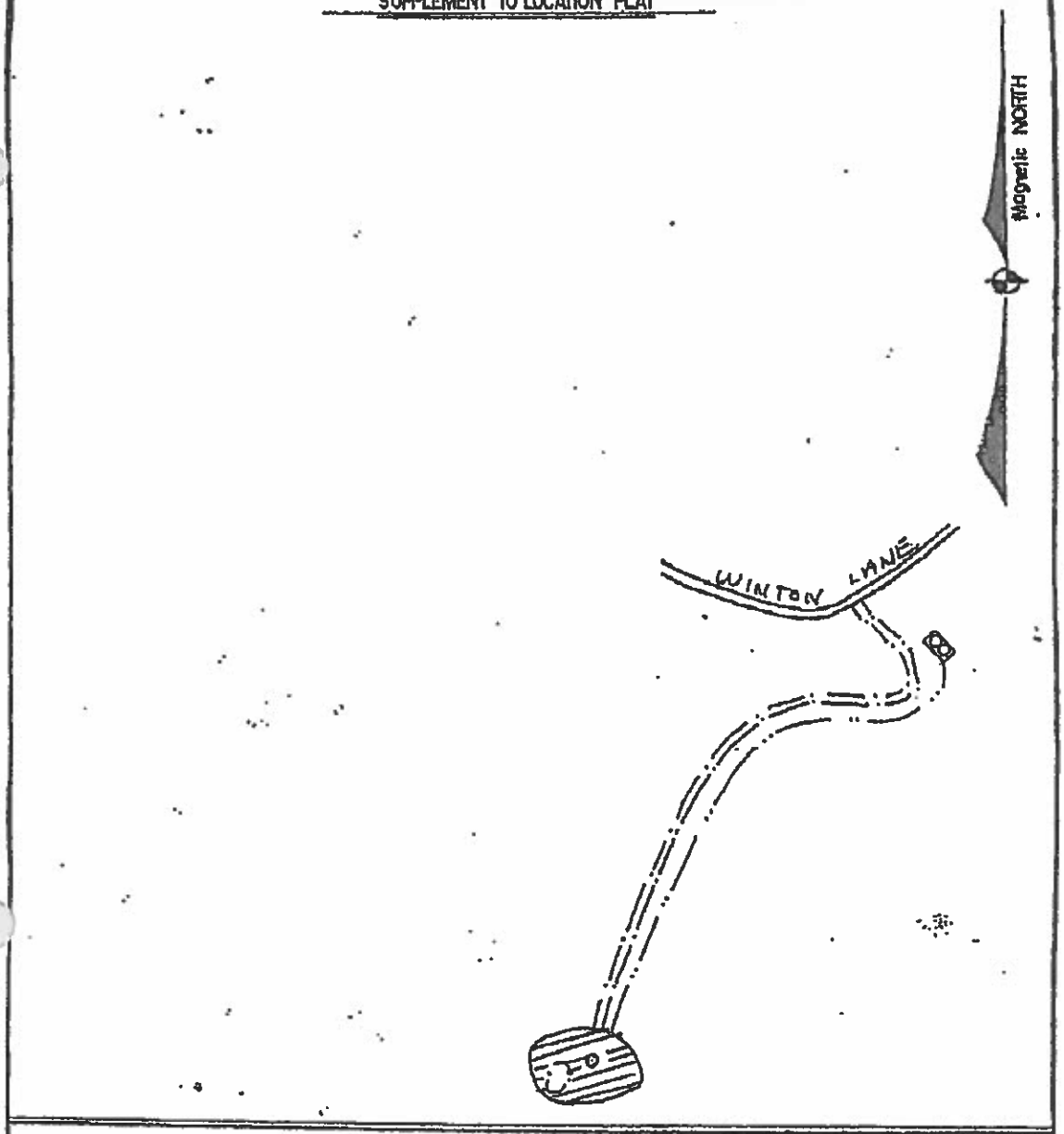
Michael W. Asberry, P.L.S., TN # 1653, KY # 31[illegible]
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6252

09/23/11

Michael W. Asberry, P.L.S. # 1653, Date

M. W. ASBERRY
REGISTERED LAND SURVEYOR
XVI
AGRICULTURE
TENNESSEE NO 1653

SUPPLEMENT TO LOCATION PLAT



Operator: Overton Oil and Gas, Inc.

Address: 9350 LBJ Suite 901 Dallas, TX 75243

Well name and/or number: 1

Surface owner: Charles and Lynda Anderson

594 Winton Lane

Alpine, Tennessee 38543

0 200' 400'

GRAPHIC SCALE: 1"=200'

LEGEND:

- Paved road
- Improved road
- Unimproved road
- Access road
- Well Location
- Tank battery
- Flow line
- Pit
- Disturbed area
- Residence
- Barn

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3553
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

09/23/11

Michael W. Asberry, P.L.S. # 1653, Date

Charles and Lynda Well # 3

Permit # 12052

Carter Coordinates 12 S 52E 2750 S 1375 W

- ☐ Permit
- ☑ Well History Report
- ☑ Driller Log
- ☐ Plat/Map
- ☐ _____
- ☐ _____
- ☐ _____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13TH FLOOR, L & C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

API Well No. ____
Field Name ____
CSD Class ____
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION Permit No. 12052
Operator: OVERTON OIL GAS
Farm Name: Charles Linda Anderson Well No. 3

TYPE OPERATION (Check One)
New Well ☑
Workover ☐
Deepening ☐

LOCATION 7½' quad ALPINE
County: OVERTON
Center Coordinates 1 (Section) 25 N or S 52E E or W Quad
Footage from Section Lines: 2750 from N line 1375 from E line (E) (W)

ELEVATION 840.9 (ground) (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log 1125 Geophysical Log ____

OPERATIONAL DATES
Date Commenced 4/7/2010 Date Drilling Completed 4/14/2010
Date Plugged (IF DRY HOLE) Date Placed in Operation 4/20/2010 (IF PRODUCING, INJECTION, ETC.)
Date Shut-In 4/14/2010 (IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable Rotary Tools Conventional — from ____ to ____
Tools from ____ to ____ (Depths) Air — from 0 to 1125 (Depths)
CONTRACTOR: TALLENT DRILLING
Address: Box 482 Albany KY

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)
NONE

TYPE OF COMPLETION
Dry Hole ☐
Oil ☑
Gas ☐
Pressure Maintenance or Secondary Recovery
Water Injection ☐
Gas Injection ☐
Gas Storage:
Injection-Extraction ☐
Observation ☐

Shut-In or Producing
PRODUCING

SERVICE WELL:
Saltwater Disposal ☐
Water Supply ☐
Observation Well ☐
Other ____

INITIAL PRODUCTION
Oil (bbl/day) 8 bbl ☑ Pumping ☐ Natural
Gas (MCF/day) ____ ☐ Flowing ☐ After treatment
Water (bbl/day) ____ GOR ____
Hours tested NONE Choke size NONE
Pressure: Tubing ____ ☐ shut-in ☐ flowin
(At psi) Casing ____ ☐ shut-in ☐ flowin
Disposition of gas (State whether vented, used for fuel, or sold)
Oil gravity (° API) ____

PRODUCING INTERVAL
Formation Name(s) Intervals(s)
SUNNYBROOK 650-670
" 746-760

RECEIVED JUN 2 0 2010 OIL & GAS BOARD

WELL TREATMENT (Check applicable boxes)
Shot NONE qts. Interval ☐ In open hole ☐ Thru perforations
Shot ____ qts. Interval ☐ ☐
Acid ____ gals. Interval ☐ ☐
Acid ____ gals. Interval ☐ ☐
Fracture ____ gals. ____ Interval ☐ ☐
Fracture ____ gals. ____ Interval ☐ ☐

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 7/8	102	10	NO
7"	467	100	NO

NONCOMMERCIAL SHOWS OF OIL AND GAS

Interval (Depths—Top Base)	Formation	Remarks (Shows of oil and/or gas, fill-up tests, Dist'l. Corps, Etc.)
NONE		

(See reverse side)

Executed this the 28 day of June 2010

State of Tennessee
County of Overton

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Donald Reedy known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 28 day of June 2010

SEAL

My commission expires 12-11-2013

Notary Public in and for Overton County, Tennessee

KARRIE REEDER SPEARS STATE OF TENNESSEE NOTARY PUBLIC OVERTON COUNTY

FORMATION RECORD
Permit No. 12052

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	102	Soil Sand clay Set 102' 9 5/8 Casing			
102	180	Grey limestone water 180			
180	280	Dark Brown limestone			
280	420	Green Shale and Brown limestone			
420	461	Black Shale Set 467' 7" Casing			
461	545	Brown and Green dolomite			
545	570	Black Shale			
570	595	Brown dolomite			
595	615	Black Shale			Oil 650-670
615	740	Black dolomitic limestone and Brown Shale.			Oil 740-760
740	800	Brown dolomite			
800	950	light Bown dolomite			
950	1125	Brown dolomite			
TD	1125				

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13TH FLOOR, L & C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

API Well No. ____
Field Name ____
CSD Class ____
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION
Operator: Overton Oil Gas
Permit No. 12052
Farm Name: Charles Linda Anderson
Well No. 3

TYPE OPERATION (Check One)
New Well ☑
Workover ☐
Deepening ☐

LOCATION
7½' quad: ALPINE
County: Overton
Carter Coordinates: 1 (Section) 25 (N or S) 52E (E or W) Quad.
Footage from Section Lines: 2750 from N line (S) 1325 from E line (W)

ELEVATION 840.9 (ground) (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 1125 Geophysical Log: ____

OPERATIONAL DATES
Date Commenced: 4/7/2010 Date Drilling Completed: 4/14/2010
Date Plugged (IF DRY HOLE): ____ Date Placed in Operation (IF PRODUCING, INJECTION, ETC.): 4/20/2010
Date Shut-in (IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION): 4/14/2010

DRILLING METHOD
Cable ____ Rotary Tools: Conventional — from ____ to ____
Tools from ____ to ____ (Depths) Air — from 0 to 1125 (Depths)
CONTRACTOR: Tullent Drilling
Address: Box 482 Albany KY

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)
NONE

TYPE OF COMPLETION
Dry Hole ☐
Oil ☑
Gas ☐
Pressure Maintenance or Secondary Recovery
Water Injection ☐
Gas Injection ☐
Gas Storage:
Injection-Extraction ☐
Observation ☐

Shut-in or Producing: Producing

SERVICE WELL:
Saltwater Disposal ☐
Water Supply ☐
Observation Well ☐
Other ____

INITIAL PRODUCTION
Oil (bbl/day): 8 bbl ☑ Pumping ☐ Natural
Gas (MCF/day): ____ ☐ Flowing ☐ After treatment
Water (bbl/day): ____ GOR: ____
Hours tested: NONE Choke size: NONE
Pressure: Tubing ____ ☐ shut-in ☐ flowing
(if pkr) Casing ____ ☐ shut-in ☐ flowing
Disposition of gas (State whether vented, used for fuel, or sold): ____
Oil gravity (°API): ____

PRODUCING INTERVAL
Formation Name(s) — Intervals
Sunny Brook — 650-670
" — 746-760

RECEIVED JUN 2 0 2010 OIL & GAS BOARD

WELL TREATMENT (check applicable boxes)

			In open hole	Thru perforation
Shot	____ qts.	NONE	☐	☐
Shot	____ qts.	____	☐	☐
Acid	____ gals.	____	☐	☐
Acid	____ gals.	____	☐	☐
Fracture	____ gals. ____ lbs. sand	____	☐	☐
Fracture	____ gals. ____ lbs. sand	____	☐	☐

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	102	10	NO
7"	467	100	NO

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths—Top Base)	Formation	Remarks (Shows of oil and/or gas, full-up tests, Dist's, Corps, Etc.)
NONE		

(See reverse side)

Executed this the 28 day of June 2010

State of Tennessee
County of Overton

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Donald Reedy known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 28 day of June 2010

SEAL

My commission expires 12-16-2013

Notary Public in and for Overton County, Tennessee

KARRIE REEDER SPEARS
STATE OF TENNESSEE NOTARY PUBLIC
OVERTON COUNTY

FORMATION RECORD
Permit No. 12052

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Remarks (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	102	Soil Sand Clay Set 107' 9 5/8 Casing			
102	180	Grey limestone water 180			
180	280	Dark Brown limestone			
280	420	Green Shale and Brown limestone			
420	461	Black Shale Set 467' 7" Casing			
461	545	Brown and Green dolomite			
545	570	Black Shale			
570	595	Brown dolomite			
595	615	Black Shale			
615	740	Black dolomitic limestone and Brown Shale			Oil 650-670
740	800	Brown dolomite			Oil 740-760
800	950	light Bown dolomite			
950	1125	Brown dolomite			
TD	1125				

WELL PERMIT NO. 12052

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION Permit No. 12052
Operator: TN-K Energy Group Inc
Farm Name: Charles/Lynda Anderson Well No. 3

TYPE OPERATION (Check One)
New Well: ☐
Workover: ☒
Deepening: ☐

LOCATION 7½' quad Alpine
County Cheatham
Carter Coordinates 2 (Section) S \ Quad / E 52
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

INITIAL PRODUCTION
Oil (BBL/Day): _____ ☐ Pumping ☐ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (°API): _____

ELEVATION 840.9 (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 1125 Geophysical Log: _____

OPERATIONAL DATES
Date Commenced: 4-6-11 Date Drilling: _____
Date Completed: 4-8-11 Date Placed In Operation _____
Date Plugged: _____ (IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: _____
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)

DRILLING METHOD
Cable Tools from _____ to _____ (Depths)
Rotary Tools Conventional from _____ to _____ (Depths)
Air from _____ to _____
Contractor(s): _____
Address _____

WELL TREATMENT (Check Applicable Boxes)

				In open hole	Thru perforation
Shot	qts.		interval	☐	☐
Shot	qts.		interval	☐	☐
Acid 1500	gals.	669-741	interval	☐	☒
Acid	gals.		interval	☐	☐
Fracture:	gals.		interval	☐	☐
	lbs/Sand				
Fracture:	gals		interval	☐	☐
	lbs/Sand				

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED

TYPE OF COMPLETION

		Shut In	Producing
Dry Hole	☐		
Oil	☒	n/a	n/a
Gas	☐	☐	☐
Pressure Maintenance or Secondary Recovery			
Water Injection	☐		
Gas Injection	☐		
Gas Storage:			
Injection-Extraction	☐		
Observation	☐		

SERVICE WELL

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐
  (if other describe type)

_____

_____

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, full up tests, Dist's. Corps, ETC.)

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)

Permit Operator Signature: Kyle A Page, CEO

Affidavit

State of Tennessee Title Notary Public
County of Cumberland

Subscribed and sworn to before me this 15th day of April, 20 11.

My commission expires 3/4/2015

Andrea Sofia Marshall
Notary Public Signature

ANDREA SOFIA MARSHALL
STATE OF TENNESSEE NOTARY PUBLIC
CUMBERLAND COUNTY

WELL PERMIT NO. 0012052

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION

Permit No. 0012052
Operator: TN-K Energy Group Inc
Farm Name: Charles & Lynda Anderson Well No. 3

TYPE OPERATION

(Check One)
New Well: ☐
Workover: ☒
Deepening: ☐

LOCATION

7 ½' quad Alpine
County Overton
Carter Coordinates 2 (Section) S 52 Quad / E

Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

INITIAL PRODUCTION

Oil (BBL/Day): _____ ☐ Pumping ☐ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____

Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (*API): _____

ELEVATION

840.9 (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH

Driller's Log: 1125 Geophysical Log: _____

OPERATIONAL DATES

Date Commenced: 9-27-10 Date Drilling: _____
Date Completed: 9-30-10 Date Placed In Operation _____
Date Plugged: _____ (IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: _____
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)

DRILLING METHOD

Cable Tools
from _____ to _____
(Depths)

Air

Rotary Tools
Conventional
from _____ to _____
(Depths)
from _____ to _____

Contractor(s): _____
Address _____

WELL TREATMENT

(Check Applicable Boxes)

			In open hole	Thru perforation
Shot _____	qts. _____	interval	☐	☐
Shot _____	qts. _____	interval	☐	☐
Acid 1000	gals. 750-810	interval	☐	☒
Acid _____	gals. _____	interval	☐	☐
Fracture: _____	gals. _____	interval	☐	☐
_____	lbs/Sand			
Fracture: _____	gals _____	interval	☐	☐
_____	lbs/Sand			

TYPE(S) OF GEOPHYSICAL LOGS RUN:

(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED

RDA 1910

CN-0221(Rev.08-10)

TYPE OF COMPLETION

		Shut In	Producing
Dry Hole	☐		
Oil	☒	n/a	☒ n/a
Gas	☐	☐	☐
Pressure Maintenance or Secondary Recovery			
Water Injection	☐		
Gas Injection	☐		
Gas Storage:			
Injection-Extraction	☐		
Observation	☐		

SERVICE WELL

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐
  (if other describe type)

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, full up tests, Dist's. Corps, ETC.)

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	742	2 3/8 tubing			
742	750	top packer			
750	810	Between Packers			
810	818	Bottom Packer			

Permit Operator Signature: _____

Affidavit

State of TN Title Notary
County of Cumberland

Subscribed and sworn to before me this 29th day of November, 2010.

My commission expires 04.06.2014

Notary Public Signature

KENNETH HUNGERFORD
STATE OF TENNESSEE NOTARY PUBLIC
CUMBERLAND COUNTY

RDA 1910

CN-0221(Rev.08-10)

RELIABLE OIL FIELD SERVICES, INC.

№ 2595

JOB LOG

TICKET NO. 55117

COMPANY INK WELL NO. #3 LEASE Charles & Lynda Anderson

4/8/11 1500 gal 16% HCL

DESCRIPTION	TIME	RATE	BBLS	PSI TUB / ANN / CSG
2 3/8 tubing	Pkr @ 669 & 741	tubing	Volume 2.9 bbl	
start Acid	9:19	2 BPM	0 bbl	0 psi
tubing loads			2.8 bbl	100 psi
press up set	Pkr @ 9:27 to 500 psi	to 1000 psi	to 800 psi	to Release
Drop bar	9:26	to open sleeve		
pump Acid	9:29	4 BPM	2.8 bbl	0 psi
catch press			3.5 bbl	200 psi
Increase Rate		3 BPM	4 bbl	500 psi
		5 BPM	4.5 bbl	650 psi
			9 bbl	650 psi
		5.4 BPM	10 bbl	700 psi
		6 BPM	20 bbl	700 psi
start Flush		2 BPM	36 bbl	500 psi
Flush in			38 bbl	400 psi
Shut Down	9:39		ISIP	200 psi
	5 min			4 psi
	10 min			0 psi
	15 min			on vac
		leave shut in / Ac		
	open tubing on vac	Rig Down		

RELIABLE OIL FIELD SERVICE INC.

Box 237 (618) 842-2588
Fairfield, IL 62837 (618) 842-9975

CONTRACT DATA NO. 5517

Date 4/8/11

To: RELIABLE OIL FIELD SERVICE INC.

You are hereby requested to furnish equipment and servicemen to deliver and operate the same as an independent contractor to

T. N. K.
(Well Owner or Contractor)

Charge to _____ Address _____

and deliver and sell materials for the purpose of servicing

Well No. #3 Lease Charles & Lynda Anderson Sec. _____ Twp. _____ Range _____

Field _____ County Overton State TX

Materials Ordered 1500 gal 16% HCL

SERVICE DATA

Casting Size _____ Weight _____ Depth Set _____

Tubing Size 2 3/8 Weight _____ Packer Set 6694 7411

Perforations From _____ TO _____ Open Hole From _____ TO _____

Formation to be Treated _____

SERVICE INSTRUCTION

See Job Log# 2595

RELIABLE OIL FIELD SERVICE INC. PERSONNEL

Names	Truck or Equipment
Brett Withrow	#4

By Owner, Operator or His Agent

INVOICE SECTION

Description	Qty.	Unit Price	Amount
1500 gal 16% HCL	1500 gal	1.30 gal	1950.00
Inhibitor	2 gal	30.00 gal	70.00
Non Emulsifier	6 gal	30.00 gal	180.00
Clay Stabilizer	4 gal	30.00 gal	270.00
MAX 44 W	6 gal	40.00 gal	240.00
Pump Truck	1	650.00	650.00
Expense Charge		300.00	300.00
Mileage	340 mi	3.00 mi	1020.00
		TOTAL	4700.00

As consideration, the above named (well owner or contractor) agrees: (a) to pay you in accordance with your current price schedule; (b) Reliable Oil Field Service Inc. shall not be liable for damage to property of well owner and/or customer unless caused by its willful negligence, this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage. Well owners and/or customer shall be responsible for and secure Reliable Oil Field Service Inc. against any liability for reservoir loss or damage, or property damage arising from well blowout, unless such loss or damage is caused by the willful negligence of Reliable Oil Field Service Inc. If equipment or instruments of Reliable Oil Field Service Inc. are lost or damaged at the well, well owner and/or customer shall either recover the same or pay for such equipment or instrument unless, however, such loss or damage is caused by the negligence of Reliable Oil Field Service Inc.; (c) that you make no guarantee of the materials to be used nor of the results of treatment; (d) that you will not be bound by an representation or agreement not herein contained. It is understood you will pay wages (and payroll taxes and withholding thereon) and comply with workmen's compensation statutes applicable to servicemen to furnish; (e) customer agrees to pay all costs of collection and reasonable attorney fees; and (f) no employee is authorized to alter the terms and conditions of this agreement.

This Contract Must Be Signed Before Work Is Commenced.

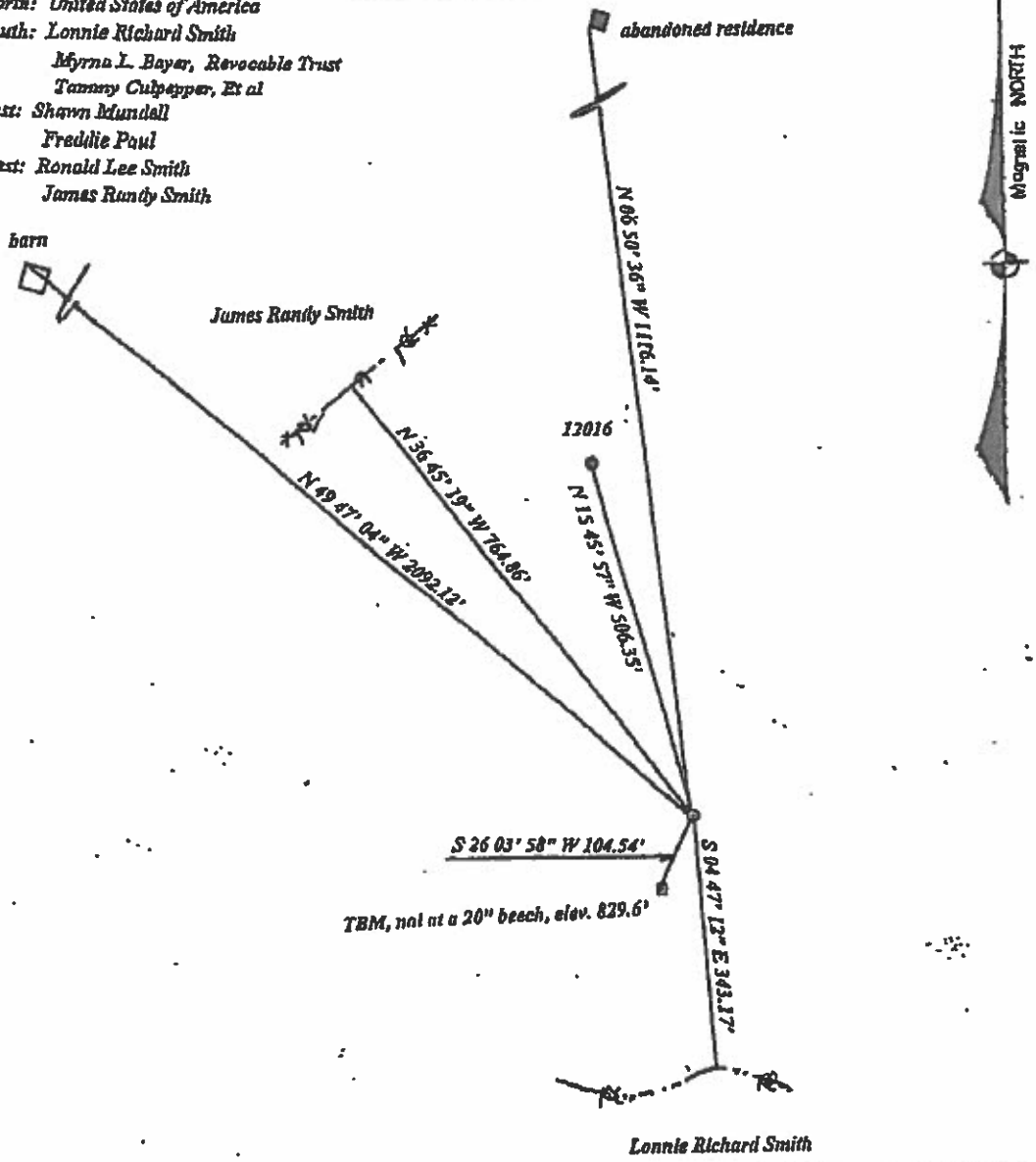
SIGNED [signature]
Well Owner or Contractor

10% Discount if paid on location. 5% discount if paid within 10 days. A finance charge will be added at a monthly rate of 2% which is an annual fee of 24%

WELL LOCATION PLAT

Bounded By:

North: United States of America
South: Lonnie Richard Smith
Myrna L. Bayer, Revocable Trust
Tammy Culpepper, Et al
East: Shawn Mundall
Freddie Paul
West: Ronald Lee Smith
James Randy Smith



Operator: Overton Oil and Gas, Inc.

Address: 9330 LBJ Suite 901 Dallas, TX 75243

Well name and/or number: 3

Surface owner: Charles and Lynda Anderson

County: Overton

Distance and direction from nearest town: Three miles northeast of Alpine off Winton Lane

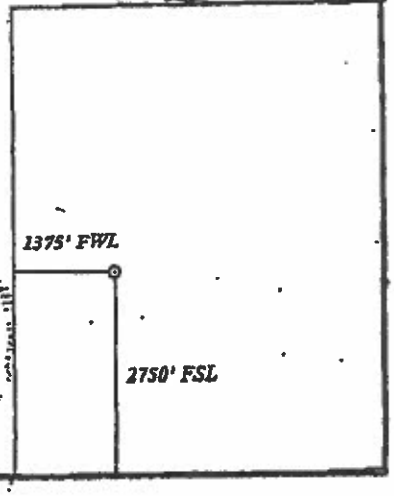
Acreage in drillsite tract: 202 Ground elevation: 840.9'

0 200' 400'
GRAPHIC SCALE: 1"=200'

Quadrangle Alpine, 1979

Sec. 1, 2, S 52 E

2750' FSL 1375' FWL



Prepared by:

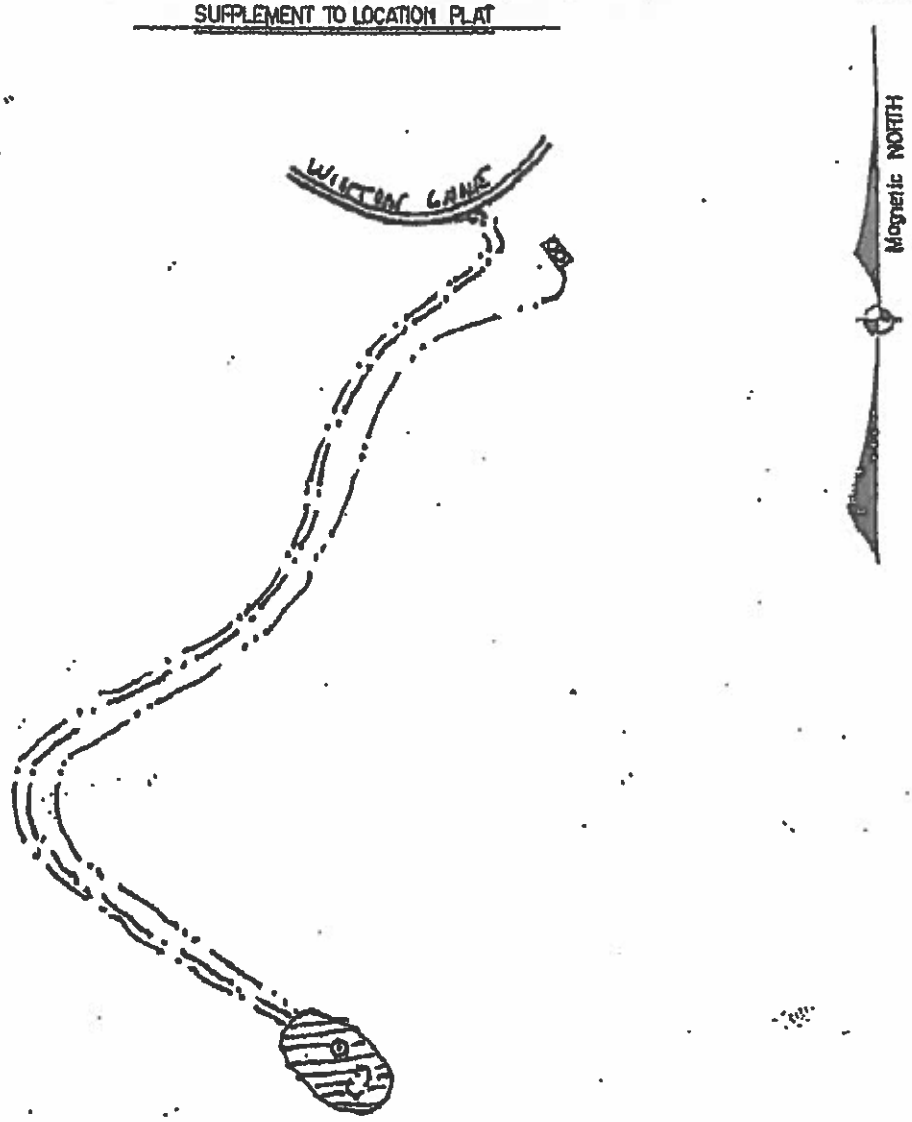
Michael W. Asberry, P.L.S., TN # 1653, KY # 3
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

09/23/11

Michael W. Asberry, P.L.S. # 1653, Date

MICHAEL W. ASBERRY LAND SURVEYOR TENNESSEE NO 1653

SUPPLEMENT TO LOCATION PLAT



Operator: Overton Oil and Gas, Inc.

Address: 9330 LBJ Suite 901 Dallas, TX 75243

Well name and/or number: 3

Surface owner: Charles and Lynda Anderson

594 Winton Lane

Alpine, Tennessee 38543

0 200' 400'

GRAPHIC SCALE: 1"=200'

LEGEND:

- Paved road
- Improved road
- Unimproved road
- Access road
- Well Location
- Tank battery
- Flow line
- Pit
- Disturbed area
- Residence
- Barn

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

MICHAEL W. ASBERRY REGISTERED LAND SURVEYOR XVI TENNESSEE NO. 1653

9/23/11

Michael W. Asberry, P.L.S. # 1653, Date

Charles and Lynda Well # 4

Permit # 12056

Carter Coordinates 1 2S 52E 2500 S 900 W

- [x] N/A Permit
- [x] Well History Report
- [x] Driller Log
- [ ] Plat/Map
- [ ] _____
- [ ] _____
- [ ] _____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13TH FLOOR, L & C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

API Well No. _____
Field Name _____
CSD Class _____
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION Permit No. 12056
Operator: Overton Oil and Gas
Farm Name: Charles and Linda Anderson Well No. # unit 4

TYPE OPERATION (Check One)
New Well ☑
Workover ☐
Deepening ☐

LOCATION 7½' quad Alpine
County: Overton
Carter Coordinates: 1 (Section) 25 N or S 52E E or W (Quad)
Footage from Section Lines: 2500 from N line (S) 900 from E line (W)

ELEVATION 823.2 (ground) (D.F.) (K.B.)

TOTAL DEPTH
Drillers's Log 1015 Geophysical Log _____

OPERATIONAL DATES
Date Commenced 5/10/2010 Date Drilling Completed 5/16/2010
Date Plugged _____ (IF DRY HOLE) Date Placed in Operation _____ (IF PRODUCING, INJECTION, ETC.)
Date Shut-in 5/16/2010
(IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable Rotary Tools Conventional—from ____ to ____
Tools from ____ to ____ (Depths) Air—from 0 to 1015 (Depths)
CONTRACTOR(S): TAllent Drilling
Address: Box 482
Albany Ky

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)
NONE

TYPE OF COMPLETION
Dry Hole ☐
Oil ☑
Gas ☐
Pressure Maintenance or Secondary Recovery
Water Injection ☐
Gas Injection ☐
Gas Storage:
Injection-Extraction ☐
Observation ☐

Shut-in or Producing: Producing

SERVICE WELL:
Saltwater Disposal ☐
Water Supply ☐
Observation Well ☐
Other _____

INITIAL PRODUCTION
Oil (bbl/day) 2 bbl ☐ Pumping ☐ Natural
Gas (MCF/day) _____ ☐ Flowing ☐ After treatment
Water (bbl/day) _____ GOR _____
Hours tested _____ Choke size _____
Pressure: Tubing _____ ☐ shut-in ☐ flowing
(in psi) Casing _____ ☐ shut-in ☐ flowing
Disposition of gas _____
(State whether vented, used for fuel, or sold)
Oil gravity (°API) _____

PRODUCING INTERNAL
Formation Name(s): SunnyBrook Interval(s): 745-755

RECEIVED
JUN 2 8 2010
IN OIL & GAS BOARD

WELL TREATMENT (check applicable boxes)

		In open hole	Thru perforation
Shot ____ gals. NONE	Interval	☐	☐
Shot ____ gals.	Interval	☐	☐
Acid ____ gals.	Interval	☐	☐
Acid ____ gals.	Interval	☐	☐
Fracture ____ gals. ____ lbs/sand	Interval	☐	☐
Fracture ____ gals. ____ lbs/sand	Interval	☐	☐

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	23	5	NO
7"	410	85	NO

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths—Top Base)	Formation	Remarks (Shows of oil and/or gas, full-up tests, Dist's. Corps, Etc.)
NONE		

(See reverse side)

Executed this the 28 day of June 2010

State of Tennessee
County of Overton

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Donald Kirby known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 28 day of June 2010.

SEAL

Notary Public in and for Overton County, Tennessee

My commission expires 12-16-2013

KARRIE REEDER SPEARS STATE OF TENNESSEE NOTARY PUBLIC OVERTON COUNTY

FORMATION RECORD
Permit No. 120516

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Remarks (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	16	Soil and Clay			Set 23' 9 5/8
16	110	Grey limestone			
110	220	Blue Grey Shale Water 160			
220	383	Green Shale with Tan limestone			
383	403	Black Shale			Set 410' 7" Casing
403	440	Grey dolomite			
440	685	Grey limestone			
685	735	Grey cherty limestone			
735	745	Black dolomite			
745	881	Brown shaley limestone			
881	886	Mud Cave			
886	912	Brown cherty limestone			
912	914	Pencil Cave			
914	1015	Tan limestone Stones River			
1015	TD				

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13TH FLOOR, L & C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

API Well No. _____
Field Name _____
CSD Class _____
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION
Operator: Overton Oil and Gas — Permit No. 12056
Farm Name: Charles and Linda Anderson — Well No. #unit 4

TYPE OPERATION (Check One)
New Well ☑
Workover ☐
Deepening ☐

LOCATION 7½' quad Alpine
County: Overton
Carter Coordinates: 1 (Section) 2S N or S 52E E or W (Quad)
Footage from Section Lines: 2500 from N line (S) 900 from E line (W)

ELEVATION 823.2 (ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Drillers's Log 1015 Geophysical Log _____

OPERATIONAL DATES
Date Commenced 5/10/2010 Date Drilling Completed 5/16/2010
Date Plugged (IF DRY HOLE) _____ Date Placed in Operation (IF PRODUCING, INJECTION, ETC.)
Date Shut-In 5/16/2010 (IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable — Rotary Tools — Conventional — from _____ to _____
Tools from _____ to _____ (Depths) — Air — from 0 to 1015 (Depths)
CONTRACTOR(S): TAllent DRilling
Address: Box 482
Albany Ky

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, Induction, sonic, gamma ray, neutron, density, etc.)
NONE

TYPE OF COMPLETION
Dry Hole ☐
Oil ☑
Gas ☐
Pressure Maintenance or Secondary Recovery
Water Injection ☐
Gas Injection ☐
Gas Storage:
Injection-Extraction ☐
Observation ☐

Shut-In or Producing: Producing

SERVICE WELL:
Saltwater Disposal ☐
Water Supply ☐
Observation Well ☐
Other _____

INITIAL PRODUCTION
Oil (bbl/day) 2 bbl ☐ Pumping ☐ Natural
Gas (MCF/day) _____ ☐ Flowing ☐ After treatment
Water (bbl/day) _____ GOR _____
Hours tested _____ Choke size _____
Pressure: Tubing _____ ☐ shut-in ☐ flowing
(in psi) Casing _____ ☐ shut-in ☐ flowing
Disposition of gas _____
(State whether vented, used for fuel, or sold)
Oil gravity (°API) _____

PRODUCING INTERNAL
Formation Name(s): SunnyBrook — Interval(s): 245-755

RECEIVED JUN 2 9 2010 TN OIL & GAS BOARD

WELL TREATMENT (check applicable boxes)

		In open hole	Thru perforation
Shot ___ qts. NONE	Interval	☐	☐
Shot ___ qts.	Interval	☐	☐
Acid ___ gals.	Interval	☐	☐
Acid ___ gals.	Interval	☐	☐
Fracture ___ gals. ___ lbs/sand	Interval	☐	☐
Fracture ___ gals. ___ lbs/sand	Interval	☐	☐

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	23	5	NO
7"	410	85	NO

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths—Top Base)	Formation	Remarks (Shows of oil and/or gas, full-up tests, Dist's. Corps, Etc.)
NONE		

(See reverse side)

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6TH FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

WELL PERMIT NO. 0012056

Fee: $25.00
Approved By: MKB
Approval Date: 9/29/2010
Plat: —
Bond: SC SC
(DO NOT WRITE IN THIS BOX FOR STATE USE ONLY)

APPLICATION TO CHANGE OPERATORS

PART I (To Be Completed By OLD "ORIGINAL" Operator)

Description of Well as Permitted:

Permit No. 0012056 Date permitted 5-10-2010 Well No. 4

Operator Overton Oil and Gas

Permanent Address 150 Eagle Creek Rd Monroe TN 38573

Telephone: 931-347-0315 Alt Phone

Lessor or Unit or Mineral Owner: Charles and Lynda Anderson

Location:

County Overton 7 1/2' Topo Quad.(Name) Alpine

24.7 Latitude 49 Longitude

Carter Coordinates:

2500 FNL, FSL 900 FEL, FWL Sec 1 Carter Quad. 334 NW N,S E,W

Ground Elevation 823.2

Purpose of Well:

Oil [X] Gas [ ] Injection [ ] Other

Present Status of Well:

Under Construction [ ] Producing [X] Abandoned [ ] Total Depth 920

Has Operator (old) complied with all requirements of the State Oil and Gas Board on this operation? YES [X] NO [ ]

Has Well data been filed with the State Oil and Gas supervisor? YES [X] NO [ ]

If answered NO to either of the above questions. EXPLAIN:

Signature
OLD Operator

PART II (To Be Completed By NEW Operator)

Operator TN-K Energy Group Inc

Permanent Address 1144 Sparta Hwy Cookeville TN 38555

Telephone: 931-707-9549 Alt. Phone 931-808-3209

Has organization report been filed? YES [X] NO [ ]

Type of Bond:

Single Well Bond: Cash [X] Surety [ ]

Blanket Well bond: Cash [ ] Surety [ ]

Is Applicant at this time in violation of any requirements? Yes [ ] No [X]

What are the plans of the new operator for completing or developing this well? produce oil

Signature
NEW Operator

PART III (To Be Completed By Both OLD and NEW Operator)

It is requested that Well Permit No. 0012056 be transferred from Overton Oil and Gas (old operator) to TN-K Energy Group Inc. (new operator). It is understood that the new operator is bound by all statements made by the old operator on the original permit application.

Signature _____
OLD Operator

Signature _____
NEW Operator

AFFIDAVIT (OLD OPERATOR)

State of Tennessee
County of Overton

Before me, the undersigned authority, on this day personally appeared Donald Reedy, known to me to be the person whose name is subscribed to the above application for Change of Operator, who being duly sworn on oath, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 27th Day of Sept, 2010

My commission expires 01-16-2011 _____
Notary Public

ERIN MONTGOMERY
STATE OF TENNESSEE NOTARY PUBLIC
OVERTON COUNTY

AFFIDAVIT (NEW OPERATOR)

State of Tennessee
County of Overton

Before me, the undersigned authority, on this day personally appeared Kenny A Page, known to me to be the person whose name is subscribed to the above application for Change of Operator, who being duly sworn on oath, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 27th Day of Sept, 2010

My commission expires 01-16-2011 _____
Notary Public

ERIN MONTGOMERY
STATE OF TENNESSEE NOTARY PUBLIC
OVERTON COUNTY

RELIABLE OIL FIELD SERVICE INC.

Box 237
Fairfield, IL 62837

(618) 842-2588
(618) 842-9975

CONTRACT DATA NO. 5552

Date 5/16/11

To: RELIABLE OIL FIELD SERVICE INC.

You are hereby requested to furnish equipment and servicemen to deliver and operate the same as an independent contractor to

TAI-K Energy Group Inc.
(Well Owner or Contractor)

Charge to _____ Address _____

and deliver and sell materials for the purpose of servicing

Well No. #4 Lease Charles & Lynda Anderson Sec. _____ Twp. _____ Range _____

Field _____ County Aurelia State TX

Materials Ordered 1500 gal 16% HCL

SERVICE DATA

Casting Size _____ Weight _____ Depth Set _____

Tubing Size 2 3/8 Weight _____ Packer Set 746 4758

Perforations From _____ TO _____ Open Hole From _____ TO _____

Formation to be Treated _____

SERVICE INSTRUCTION

See Job Log #2313

RELIABLE OIL FIELD SERVICE INC. PERSONNEL

Names	Truck or Equipment
Brett Withrow	#4

By Owner, Operator or His Agent

INVOICE SECTION

Description	Qty.	Unit Price	Amount
1500 gal 16% HCL	1500 gal	1.30/gal	1950.00
Inhibitor	3 gal	30/gal	90.00
Iron Stabilizer	9 gal	30/gal	270.00
Non-Emulsifier	6 gal	30/gal	180.00
Mutual	6 gal	45/gal	270.00
Round Trip	1	650.00	650.00
Mileage	340 mi	3/mi	1020.00
Expose damage		300.00	300.00
		TOTAL	$4700.00

As consideration, the above named (well owner or contractor) agrees: (a) to pay you in accordance with your current price schedule; (b) Reliable Oil Field Service Inc. shall not be liable for damage to property of well owner and/or customer unless caused by its willful negligence, this provision applying but not limited to subsurface damage and surface damage arising from subsurface damage. Well owners and/or customer shall be responsible for and secure Reliable Oil Field Service Inc. against any liability for reservoir loss or damage, or property damage arising from well blowout, unless such loss or damage is caused by the willful negligence of Reliable Oil Field Service Inc. If equipment or instruments of Reliable Oil Field Service Inc. are lost or damaged at the well, well owner and/or customer shall either recover the same or pay for such equipment or instrument unless, however, such loss or damage is caused by the negligence of Reliable Oil Field Service Inc.; (c) that you make no guarantee of the materials to be used nor of the results of treatment; (d) that you will not be bound by an representation or agreement not herein contained. It is understood you will pay wages (and payroll taxes and withholding thereon) and comply with workmen's compensation statutes applicable to servicemen to furnish; (e) customer agrees to pay all costs of collection and reasonable attorney fees; and (f) no employee is authorized to alter the terms and conditions of this agreement.

This Contract Must Be Signed Before Work Is Commenced.

SIGNED _____
Well Owner or Contractor

10% Discount if paid on location. 5% discount if paid within 10 days. A finance charge will be added at a monthly rate of 2% which is an annual fee of 24% on past due accounts. ALL WORK PAYABLE UPON INVOICE.

RELIABLE OIL FIELD SERVICES, INC.

№ 2313

JOB LOG

CKET NO. 5532

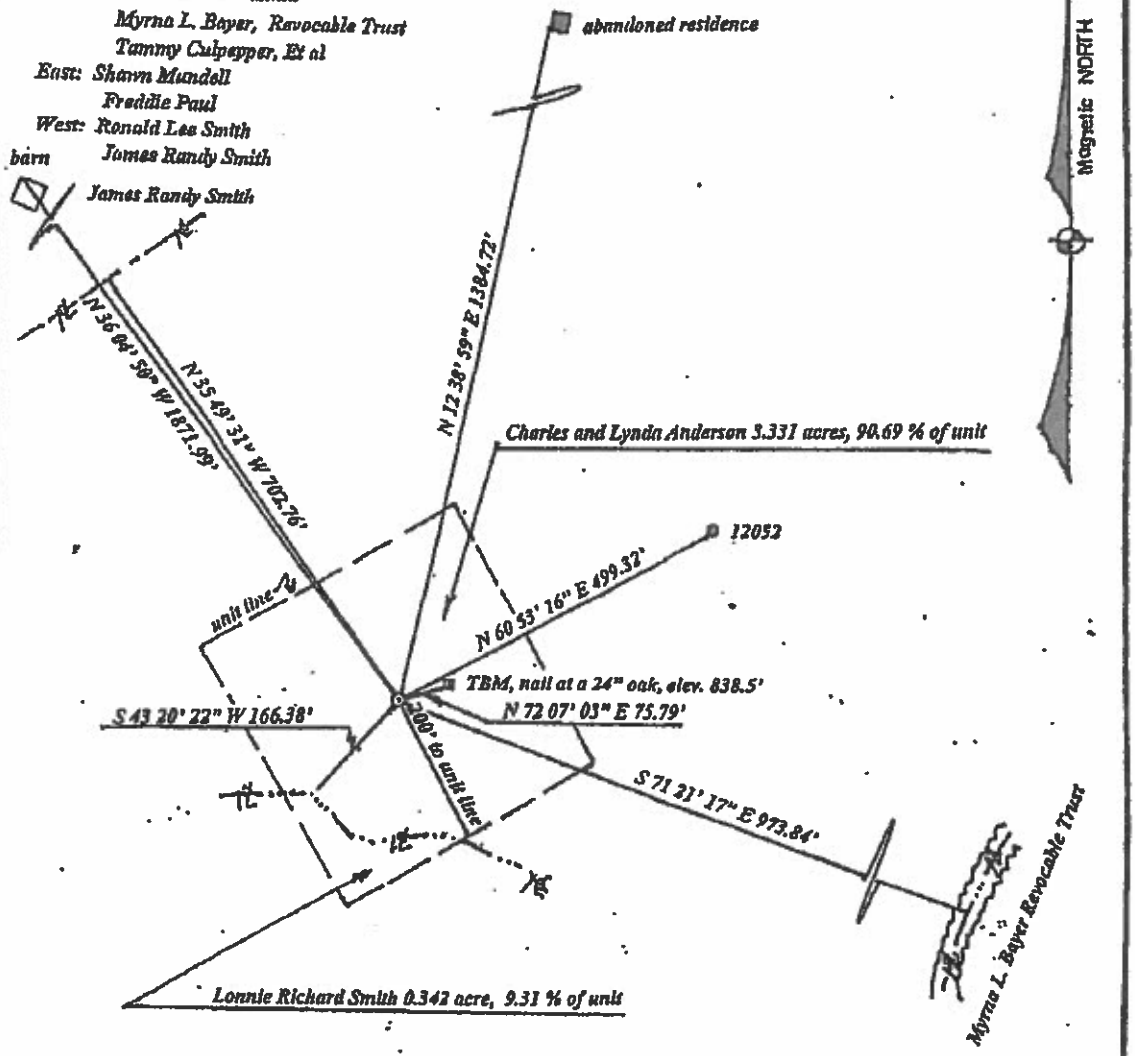
COMPANY TN-K WELL NO. #4 LEASE Charles & Lynda Anderson

5/16/11 1500 gal 16% HCL

DESCRIPTION	TIME	RATE	BBLS	PSI TUB / ANN / CSG
2 3/8 tubing	PKRS 746 & 758 - 12' spacing		Tube Volume 3bbl	
Start Acid	11:55	2 BPM	-	-
tubing Loads			3 bbl	100psi
pressure up set PKRS 11:57 to 600psi to 1100psi to 1500psi - ok - Release press				
Drop bar	12:00 to open sleeve			
pump Acid	12:06 on vac 6/10 BPM 3bbl			
slowly Increase Rate		1.8 BPM	6bbl	500psi
Stay under 600psi - Stay Around 500psi			8 bbl	600 psi
Reduce Rate		1.6 BPM	8bbl	525psi
			12 bbl	550psi
			22 bbl	575psi
Acid in - no Flush			36 bbl	575psi
Shut Down	12:27		ISIP	400 psi
	5min			325 psi -75psi/5min
	10min			275psi -125/10
	15min			250psi -150/15
	20 min			225 psi -175/20
	1 Hr			110psi -290/60

WELL LOCATION PLAT

Bounded By:
North: United States of America
South: Lonnie Richard Smith
Myrna L. Bayer, Revocable Trust
Tammy Culpepper, Et al
East: Shawn Mundell
Freddie Paul
West: Ronald Lee Smith
James Randy Smith



Total area of unit 3.673 acres.

Operator: *Overton Oil and Gas, Inc.*

Address: *9330 LBJ Suite 901 Dallas, TX 75243*

Well name and/or number: *Unit # 4*

Surface owner: *Charles and Lynda Anderson*

County: *Overton*

Distance and direction from nearest town: *Three miles northeast of Alpine off Winton Lane*

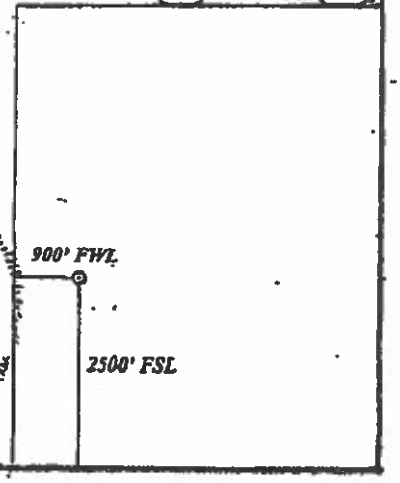
Acreage in drillsite tract: *201* Ground elevation: *823.2'*

0 200' 400'
GRAPHIC SCALE: 1" = 200'

Quadrangle *Alpine, 1979*

Sec. *1*, *3* S *53* E

2500' FNL (FSL) *900'* FEL (FWL)



Prepared by:

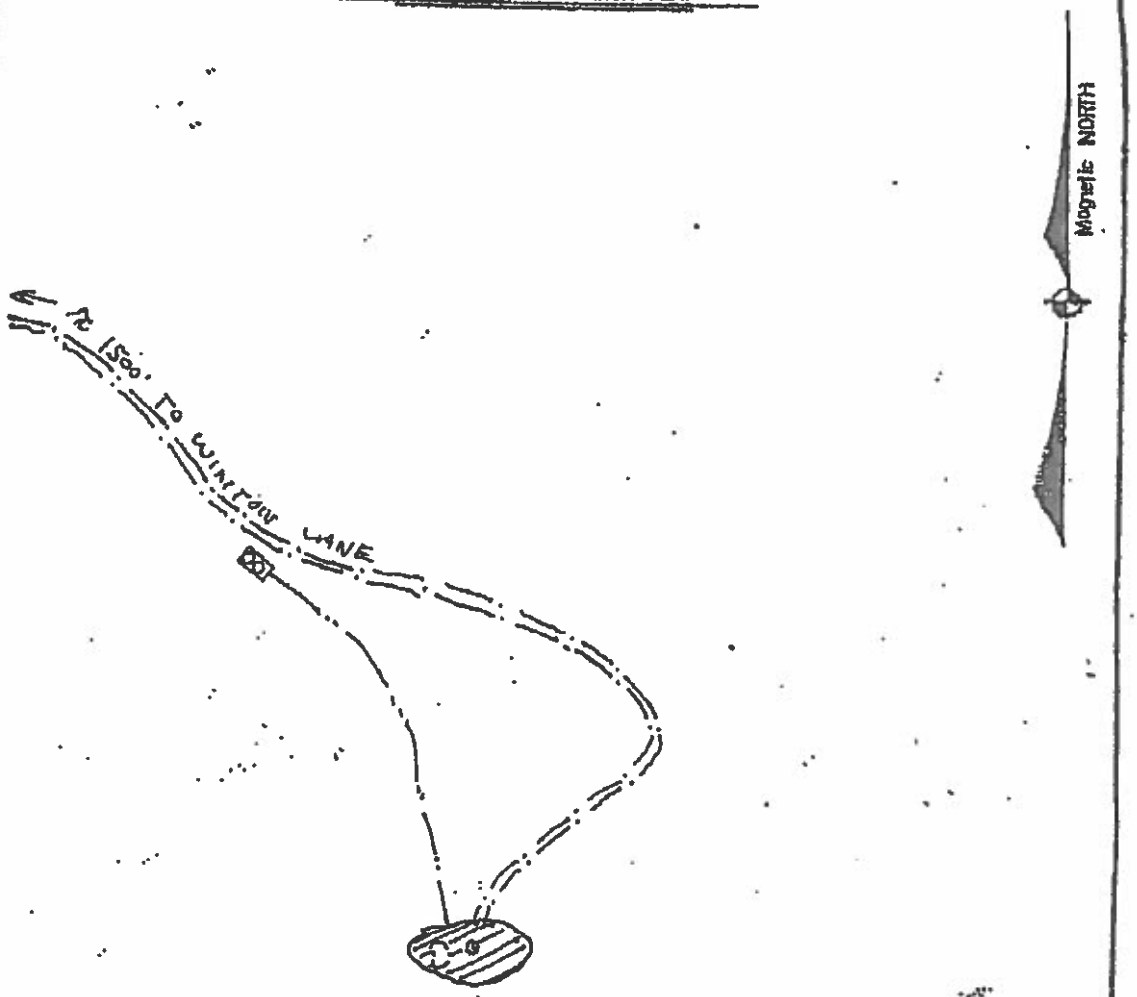
Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

09/23/11

Michael W. Asberry, P.L.S. # 1653, Date

MICHAEL W. ASBERRY
TENNESSEE NO. 1653

SUPPLEMENT TO LOCATION PLAT



Operator: Overton Oil and Gas, Inc.

Address: 9330 LBJ Suite 901 Dallas, TX 75243

Well name and/or number: UNIT #4

Surface owner: Charles and Lynda Anderson

594 Winton Lane

Alpine, Tennessee 38543

0 200' 400'

GRAPHIC SCALE: 1"=200'

LEGEND:

- Paved road
- Improved road
- Unimproved road
- Access road
- Well Location
- Tank battery
- Flow line
- Pit
- Disturbed area
- Residence
- Barn

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

9/23/11

Michael W. Asberry, P.L.S. # 1653, Date

W. ASBERRY
LANE SURVEYOR
XVI
TENNESSEE NO 1653

Charles and Lynda Well # 6

Permit # 12100

Carter Coordinates 1-25-52E 2575 FSL 475 FWL

- [x] Permit
- [x] Well History Report
- [x] Driller Log
- [x] Plat/Map
- [ ] _____
- [ ] _____
- [ ] _____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL & GAS BOARD
6TH Floor, L&C Annex
401 Church Street
Nashville, TN 37243-1534
(615) 532-0166

AUTHORITY TO DRILL, DEEPEN OR RE-OPEN A WELL

[X]	[X]	[ ]
FOR OIL	**FOR GAS**	**OTHER**

API No. *41-133-22381*
Depth Permitted *2000*
Permit No. *0012100*
Elevation *847.5*
County *Overton*
Date Issued *10/18/2010*

Material Required Within 30 Days Following Ceassation of Drilling Operations of the Well:
1. **Well History with Driller's Log**
2. **Mechanical Logs ---2 final copies (if run)**
3. **Samples**

This is the authority under the 1943 Oil and Gas Law, as amended, and the rules and regulations of this Board, effective November 15, 1972, for *Tn-K Energy Group, Inc.* **to drill a well as described below.**

Said well is number *unit #6* **and lessor is** *Charles/Lynda Anderson*

Location of well to be *1-2S-52E* *2575 FSL, 475 FWL*

This permit expires in ninety (90) days from date of issuance unless drilling operations have commenced prior thereto. All information on this well required by the rules and regulations of the State Oil and Gas Board must be furnished to the State Oil and Gas Supervisor, at Nashville, Tenn., in compliance with the laws of the State of Tennessee. This permit must be posted at the well before drilling commences.

NOTICE: THIS PERMIT IS NOT IN ANY WAY TO BE CONSTRUED AS A CERTIFICATION BY THE STATE OF TENNESSEE THAT ANY PROPERTY INTEREST IN THE PREMISES COVERED BY THIS PERMIT IS VESTED IN THE PERMITTEE. IT IS ISSUED SOLEY UNDER THE REGULATORY POWERS VESTED IN THE TENNESSEE OIL AND GAS BOARD UNDER THE PROVISIONS OF TITLE 60 OF THE TENNESSEE CODE ANNOTATED FOR THE PURPOSES RECITED IN SAID CODE SECTION AND THE RULES AND REGULATIONS PROMULGATED BY THE BOARD PURSUANT TO SAID CODE SECTION.

STATE OIL AND GAS BOARD

WELL PERMIT NO. 0012100

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TO ABANDON OR LAY DOWN DRILLED

WELL IDENTIFICATION

Permit No. [illegible]
Operator: [illegible] Well No. [illegible]
Farm Name: [illegible]

TYPE OPERATION

(Check one)
New Well: ☐
Workover: ☐
Deepening: ☐

LOCATION

County [illegible]
Center Coordinates _____
(Section) [illegible] (Quad) [illegible]
Footage from Section Lines
North Line [illegible] East Line [illegible]
Lat. _____ Long. _____

INITIAL PRODUCTION

Oil (bbl/day) _____
Gas (mcf/day) _____
Water (bbl/day) _____
Pumping ☐ Flowing ☐ Other Treatment ☐
GOR _____

Hours Tested _____ Choke Size _____
Pressure Tubing _____ Pressure Casing _____
Casing (in psig) _____
Disposition of Gas: Vented _____ Used _____ Sold _____
Oil Gravity (API) _____

PRODUCING INTERVAL

Formation Name(s)	Interval(s)
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

ELEVATION [illegible] (Ground) _____ (K.B.)

TOTAL DEPTH

Driller's Log: [illegible] Geophysical Log _____

OPERATIONAL DATES

Date Commenced: [illegible] Date Drilled: _____
Date Completed: [illegible] Date Placed in Operation: _____
Date Shut-In: _____
IF SHUT-IN OR OTHER TEMPORARY WELL NON-OPERATION

WELL TREATMENT

Acid _____ gals. _____ Interval _____
Acid _____ gals. _____ Interval _____
Fracture _____ gals. _____ Interval _____
_____ lbs Sand
Fracture _____ gals. _____ Interval _____
_____ lbs Sand

DRILLING METHOD

Cable Tools
Rotary Tools
Combination
Bit: _____ in _____ (Depth) _____ to _____ (Depth)

Contractor(s): [illegible]
Address [illegible]

TYPE(S) OF GEOPHYSICAL LOGS RUN

[illegible]

CASING RECORD

Size	Depth	Sacks Cement	Cement Top
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

OG-CS1 (Rev 03-10)

ACA 1910

TYPE OF COMPLETION

		Shut In	Producing
Dry Hole	☐	n/a ☒	n/a ☐
Oil	☒	☐	☐
Gas	☐	☐	☐

Pressure Maintenance or Secondary Recovery
- Water Injection ☐
- Gas Injection ☐

Gas Storage:
- Injection-Extraction ☐
- Observation ☐

SERVICE WELL
- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: (if other describe type) _____

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, fill up tests, Dist's, Comps, ETC.)
[illegible]	[illegible]	[illegible]

FORMATION RECORD

From	To	Rock Type [illegible]	From	To	Rock Type [illegible]
0	22	[illegible]	[illegible]	872	[illegible]
22	110	Gray limestone	872	1225	Tan limestone
110	310	Brown limestone	1225	1455	Brown limestone
310	227	Tan limestone			
227	228	oil show			
228	338	Green Shale			
338	364	Black Shale			
364	620	Brown limestone			
620	740	Gray limestone			
740	837	Black/Brown limestone			
837	842	Mud Cave			
842	869	Tan/Brown limestone			

RDA 1910

CN-0221(Rev 06-10)

Permit Operator Signature: [signature]

Affidavit

State of Tennessee Title Notary

County of Cumberland

Subscribed and sworn to before me this 10th day of December, 20 10.

My commission expires 06/06/2011

[signature]

Notary Public Signature

WELL PERMIT NO. 0012100

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION Permit No. 12100
Operator: TN-K Energy Group Inc
Farm Name: Charles & Lynda Anderson Well No. 6

TYPE OPERATION (Check One)
New Well: ☐
Workover: ☒
Deepening: ☐

LOCATION 7½' quad Alpine
County Overton
Carter Coordinates 2 (Section) S 52 Quad / E
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

INITIAL PRODUCTION
Oil (BBL/Day): 12 ☒ Pumping ☐ Natural ☐ Flowing ☐ After Treatment
Gas (MCF/Day): _____ GOR _____
Water (BBL/Day): _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (°API): _____

ELEVATION 877.5 (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 1455 Geophysical Log: _____

OPERATIONAL DATES
Date Commenced: 11-9-10 Date Drilling: _____
Date Completed: 11-10-10 Date Placed In Operation _____
Date Plugged: _____ (IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: _____ (IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)
Sunny brook	710-712 ft

DRILLING METHOD
Cable Tools from _____ to _____ (Depths)
Rotary Tools Conventional from _____ to _____ (Depths)
Air from _____ to _____
Contractor(s): _____
Address _____

WELL TREATMENT (Check Applicable Boxes)

			In open hole	Thru perforation
Shot _____ qts.	_____	interval	☐	☐
Shot _____ qts.	_____	interval	☐	☐
Acid 1500 gals.	707-718.	interval	☐	☒
Acid _____ gals.		interval	☐	☐
Fracture: _____ gals.	_____	interval	☐	☐
_____ lbs/Sand				
Fracture: _____ gals	_____	interval	☐	☐
_____ lbs/Sand				

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED

TYPE OF COMPLETION

		Shut In	Producing
Dry Hole	☐		
Oil	☒	n/a	n/a ☒
Gas	☐	☐	☐
Pressure Maintenance or Secondary Recovery			
Water Injection	☐		
Gas Injection	☐		
Gas Storage:			
Injection-Extraction	☐		
Observation	☐		

SERVICE WELL

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐

(if other describe type)

_____

_____

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, full up tests, Dist's. Corps. ETC.)

FORMATION RECORD

From	To	~~Rock Type~~ (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	699	2 3/8 tubing			
699	709	packers.			

RDA 1910

CN-0721(Rev.08-10)

Permit Operator Signature: _____

Affidavit

ANDREA SOFIA MARSHALL
STATE OF TENNESSEE NOTARY PUBLIC
CUMBERLAND COUNTY

State of Tennessee Title Notary
County of Cumberland

Subscribed and sworn to before me this 15 day of March, 20 11.

My commission expires March 04, 2015

Andrea Sofia Marshall
Notary Public Signature

TALLENT DRILLING, INC.
R. R. 3 ~ Box 550
Albany, KY 42602
606-387-8327 / 606-387-8710

Start Date Nov 5 19 [illegible]
Finish Date Nov 10 19 2010

Operator TN-K Energy
Farm [illegible] Well # 6 County [illegible]
Permit #

SIZE	LENGTH	PRICE PER FOOT	TOTAL
7"	382' /	10.25 + Tax	3915.50
9 5/8	23.80	18.50 + Tax	440.30

DEPTH	PRICE PER FOOT	
1 7" Collar	+ 55 Tax	55.00
1 7" Wiper Plug	+ tax	45.00
7" Cement Basket	+ tax	175.00

HOURLY CHARGES	RATE PER HOUR	
1 7" Baffle Plate	+ tax	65.00
1 Roll Plastic	+ Tax	215.00 + Tax 294.[illegible]
Dozer 8 hrs - 80.00		640.00

ADDITIONAL CHARGES		
TANK hauling and Rent		250.00
Drilling @ 38 Per ft.	1450.00	13775.00

Thank You !!!

$19874.64

WELL LOG AND COMPLETION REPORT

WELL IDENTIFICATION

Permit #

Operator TN-K Energy

Farm Name Charles Linda Anderson

Well No.

TYPE OPERATION

Re-Open

New Well ✓

Deepening

LOCATION

County Overton

Sec. , Letter , Number

FNL FSL FEL FWL

Elevation

Total Depth Drilled 1455

Hole Size 6 1/4

OPERATIONAL DATES

Commenced Nov 5

Completed Nov 10

WATER ENCOUNTERED (fresh, salt, sulfur)

Type	from	to
Fresh	227	

CASING DATA

Casing Outside Diameter	Hole Diameter	Depth
9 5/8	12 1/4	238.80
7"	8 1/2	382.

OCCURRENCE OF OIL AND GAS

Formation	Interval
Ft. Payne	227 Oil

FROM	TO	ROCK TYPE (Describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)
		Soil · Caves — Set 23.50 9 5/8
0	-22	Grey limestone
22	110	Brown limestone
110	210	Tan Clean limestone Oil at 227, 238
210	227	Green Shale
227	338	Black Shale Set 352 7" Casing
338	364	Brown limestone
364	620	Grey limestone
620	740	Black Brown limestone
740	837	Mud Cave
837	842	Tan to Brown limestone
842	847	Pencil Cave
847	872	Tan limestone Stones River
872	1225	Brown limestone Murfreesboro
1225	1455	

TD _____

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____NO____

IMPORTANT: See Reverse Side

WELL PERMIT NO._____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

DO NOT WRITE IN THIS SPACE
Fee_____
Approval Date_____
Approved By_____
Plat_____
Bond_____
API No._____

COPY

APPLICATION FOR PERMIT TO DRILL

1. Well operator: TN-K ENERGY GROUP, INC. Telephone: (931) 808-3709
2. Permanent address: 649 SPARTA HWY SUITE 102 CROSSVILLE, TN 38555
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: CHARLES & LINDA ANDERSON Well no: UNIT #6
5. Farm owner's mailing address: 394 WINTON LN ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad.(Name): ALPINE, 1979
7. Carter Coordinates:
   2575' FNL (FSL) 475' REL (FWL) Sec. 1 Carter Quad 2 N(S) 52 E(W)
8. Distance & direction from nearest town or postoffice: 3 m. NE of ALPINE off WINTON LANE
9. Ground elevation: 847.5' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other_____
12. Name of contractor: TALLBALT DRILLING COMPANY, INC.
13. Address: SO HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools_____ Combination_____
15. Distance from nearest property line; or unit line if unit: 1546'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 469.90'
17. Single well bond: Cash_____ Surety_____ Blanket bond: Cash_____ Surety_____
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☐
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size_____ Length_____
    _____(Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size_____ Length_____
    _____
    _____
    _____
    _____(Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

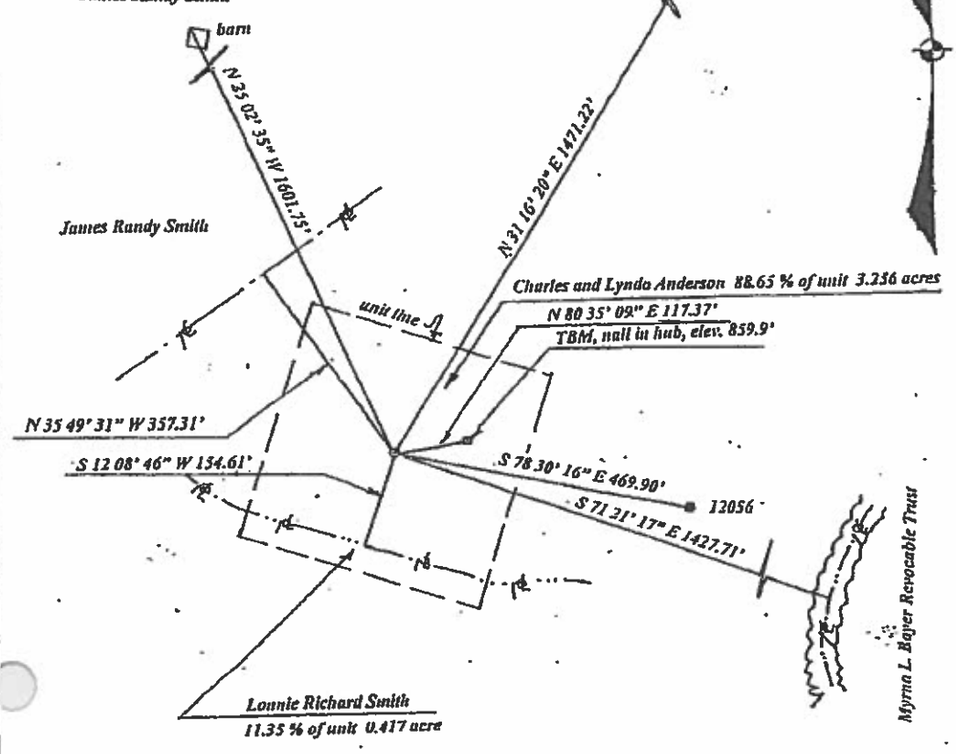
The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

RDA 1910

Form P-AD-1
CN-0211 (Rev 6-93)

WELL LOCATION PLAT

Bounded By:
North: United States of America
South: Lonnie Richard Smith
Myrna L. Bayer, Revocable Trust
Tanamy Culpepper, Et al
East: Shawn Mundell
Freddie Paul
West: Ronald Lee Smith
James Randy Smith

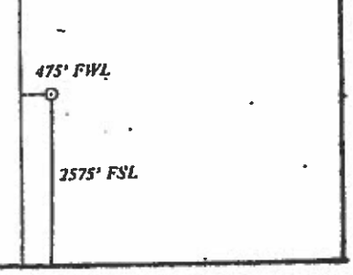


Lat: 36 23' 25.7" Long: 85 10' 34.1"
Total area of unit 3.673 acres.

Operator: *TN-K Energy Group, Inc.*
Address: *649 Sparta Highway Suite 103 Crossville, Tennessee 38555*
Well name and/or number: *unit # 6*
Surface owner: *Charles and Lynda Anderson*
County: *Overton*
Distance and direction from nearest town: *Three miles northeast of Alpine off Wilson Lane*
Acreage in drillsite tract: *201* Ground elevation: *847.5'*

0 800' 400'
GRAPHIC SCALE: 1" = 200'

Quadrangle *Alpine, 1979*
Sec. *1* T. *3* S R *53* E
2575' FSL *475'* FWL

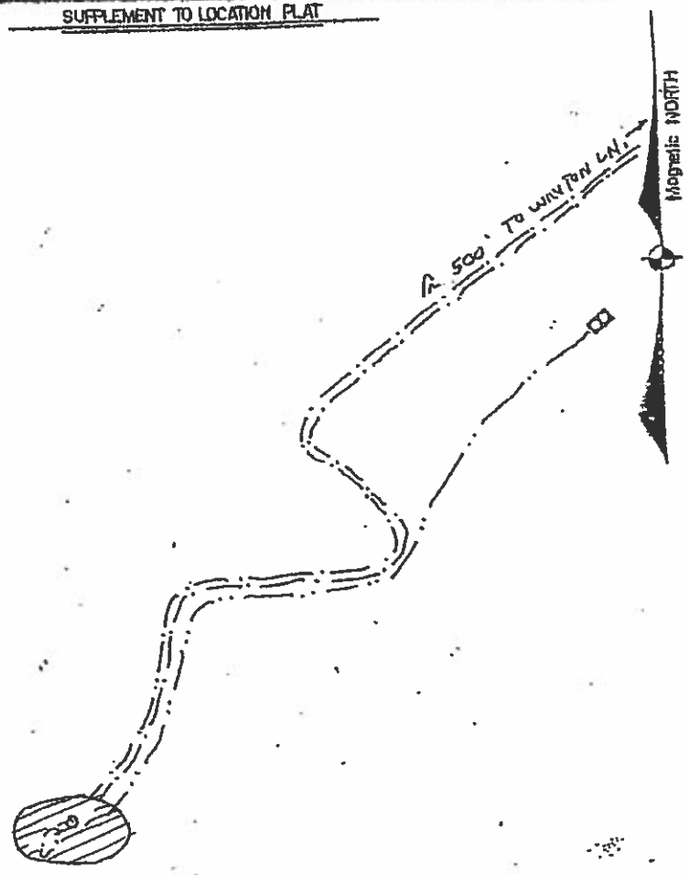


Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

Michael W. Asberry, P.L.S. # 1653, Date

SUPPLEMENT TO LOCATION PLAT



0 200' 400'

GRAPHIC SCALE: 1"=200'

Operator: TN-K Energy Group, Inc.

Address: 649 Sparta Highway Suite 102 Crossville, Tennessee 38555

Well name and/or number: Unit # 6

Surface owner: Charles and Lynda Anderson

594 Winton Lane

Alpine, Tennessee 38543

LEGEND:

- Paved road
- Improved road
- Unimproved road
- Access road
- Well Location
- Tank battery
- Flow line
- Pit
- Disturbed area
- Residence
- Barn

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

Michael W. Asberry, P.L.S. # 1653, Date

Charles and Lynda Well # 10

Permit # 12132

Carter Coordinates 1-2S-52E 2650FSL 1725FWL

- [x] Permit
- [x] Well History Report
- [x] Driller Log
- [x] Plat/Map
- [ ] _____
- [ ] _____
- [ ] _____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL & GAS BOARD
6TH Floor, L&C Annex
401 Church Street
Nashville, TN 37243-1534
(615) 532-0166

AUTHORITY TO DRILL, DEEPEN OR RE-OPEN A WELL

[X]	[X]	[ ]
FOR OIL	**FOR GAS**	**OTHER**

API No. *41-133-22396*
Depth Permitted *2000*
Permit No. *0012132*
Elevation *830.2*
County *Overton*
Date Issued *1/11/2011*

Material Required Within 30 Days Following Ceassation of Drilling Operations of the Well:
1. **Well History with Driller's Log**
2. **Mechanical Logs ---2 final copies (if run)**
3. **Samples**

This is the authority under the 1943 Oil and Gas Law, as amended, and the rules and regulations of this Board, effective November 15, 1972, for *Tn-K Energy Group, Inc.* **to drill a well as described below.**

Said well is number *10* **and lessor is** *Charles & Lynda Anderson*

Location of well to be *1-2S-52E* *2550 FSL, 1725 FWL*

This permit expires in ninety (90) days from date of issuance unless drilling operations have commenced prior thereto. All information on this well required by the rules and regulations of the State Oil and Gas Board must be furnished to the State Oil and Gas Supervisor, at Nashville, Tenn., in compliance with the laws of the State of Tennessee. This permit must be posted at the well before drilling commences.

NOTICE: THIS PERMIT IS NOT IN ANY WAY TO BE CONSTRUED AS A CERTIFICATION BY THE STATE OF TENNESSEE THAT ANY PROPERTY INTEREST IN THE PREMISES COVERED BY THIS PERMIT IS VESTED IN THE PERMITTEE. IT IS ISSUED SOLEY UNDER THE REGULATORY POWERS VESTED IN THE TENNESSEE OIL AND GAS BOARD UNDER THE PROVISIONS OF TITLE 60 OF THE TENNESSEE CODE ANNOTATED FOR THE PURPOSES RECITED IN SAID CODE SECTION AND THE RULES AND REGULATIONS PROMULGATED BY THE BOARD PURSUANT TO SAID CODE SECTION.

STATE OIL AND GAS BOARD

Michael R. Burton

CN-0115 (Rev. 6-93)

RDA 1910

WELL PERMIT NO. 12132 (OPY)

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION Permit No. 12132
Operator: TN-K Energy Group Inc
Farm Name: Charles/Lynda Anderson Well No. 10

TYPE OPERATION (Check One)
New Well: [X]
Workover: [ ]
Deepening: [ ]

LOCATION 7½' quad Alpine
County Overton
Carter Coordinates 1-2 (Section) S 52 Quad / E
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

ELEVATION 830.2 (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 875 Geophysical Log: _____

OPERATIONAL DATES
Date Commenced: 2-10-11 Date Drilling: 2-14-11
Date Completed: 2-16-11 Date Placed In Operation _____
Date Plugged: _____ (IF PRODUCING, INJECTION, ETC.)
(IF DRY HOLE)
Date Shut-In: _____
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable Tools from _____ to _____ (Depths)
Rotary Tools Conventional from 0 to 875 (Depths)
Air from _____ to _____
Contractor(s): Tallant Drilling
Address PO Box 482
Albany, KY 42602

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

INITIAL PRODUCTION
Oil (BBL/Day): 1 [ ] Pumping [X] Natural
Gas (MCF/Day): _____ [ ] Flowing [ ] After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ [ ] Shut-In [ ] Flowing
Casing (in psi): _____ [ ] Shut-In [ ] Flowing
Disposition of Gas: [ ] Vented [ ] Fuel [ ] Sold
Oil Gravity (*API): _____

PRODUCING INTERVAL

Formation Name(s)	Interval(s)
Sunny brook	685 - 740

WELL TREATMENT (Check Applicable Boxes)

			In open hole	Thru perforation
Shot _____ qts.	_____ interval		[ ]	[ ]
Shot _____ qts.	_____ interval		[ ]	[ ]
Acid 1500 gals.	683-691 interval		[ ]	[X]
Acid _____ gals.	_____ interval		[ ]	[ ]
Fracture: _____ gals.	_____ interval	_____ lbs/Sand	[ ]	[ ]
Fracture: _____ gals	_____ interval	_____ lbs/Sand	[ ]	[ ]

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	45	0	No
7in	250	100	NO

CN-0221(Rev.08-10)

RDA 1910

COPY

TYPE OF COMPLETION

	Shut In	Producing
Dry Hole	☐	☒
Oil	☐	☒
Gas	☐	☐
Pressure Maintenance or Secondary Recovery		
Water Injection	☐	
Gas Injection	☐	
Gas Storage:		
Injection-Extraction	☐	
Observation	☐	

SERVICE WELL

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐
  (if other describe type)

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, fill up tests, Dist's. Corps, ETC.)
NONE		

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	40	Soil & Clay	845	873	Tan limestone
40	160	Broken Sandy Rock	873	875	Pencell Cave
160	170	Water		875	Total Depth
170	320	Green limestone			
320	345	Black Shale			
345	580	Gray Dolomite			
580	720	Brown Dolomite			
720	840	Dark Brown Dolomite			
840	845	Mud Cave			

RDA 1910

CN-0221(Rev.08-10)

COPY

Permit Operator Signature: _____, CEO

Affidavit

State of Tennessee Title Notary Public
County of Cumberland

Subscribed and sworn to before me this 15 day of April, 2011.

My commission expires 3/4/2015

Andrea Sofia Marshall
Notary Public Signature

ANDREA SOFIA MARSHALL
STATE OF TENNESSEE NOTARY PUBLIC
CUMBERLAND COUNTY

COPY

TALLENT DRILLING, INC.
R. R. 3 ~ Box 550
Albany, KY 42602
606-387-8327 / 606-387-8710

Start Date 2/10 19 2011

Finish Date 2/14 19 2011

Operator TN-K

Farm Anderson Well # 10 Behind House post County Overton

Permit #

SIZE	LENGTH	PRICE PER FOOT	TOTAL
STRAW			120.00

DEPTH	PRICE PER FOOT	
825	9.50	8312.50
Pull Steel All out Cement Square	5hrs	500.00
Redl Mix for hole		445.00

HOURLY CHARGES	RATE PER HOUR	
Dozer 12½	90.00	1125.00
Plastic		205.00

ADDITIONAL CHARGES	
Tank Rent Move	250.00
Dozer Man used build Road 4hrs	860.00

Thank You !!!

$ ~~[illegible]~~
$ 11,337.50

COPY

WELL LOG AND COMPLETION REPORT

WELL IDENTIFICATION

Permit # _____

Operator TN-K

Farm Name Anderson # 311 Behrdhaus

Well No. _____

TYPE OPERATION

Re-Open _____

New Well _____

Deepening _____

LOCATION

County Overton

Sec. _____, Letter _____, Number _____

_____ FNL FSL _____ FEL FWL

Elevation _____

Total Depth Drilled 875

Hole Size 6 1/4

OPERATIONAL DATES

Commenced 8/10/2011

Completed 2/14/2011

WATER ENCOUNTERED (fresh, salt, sulfur)

Type	from	to
Fresh	660	

CASING DATA

Casing Outside Diameter	Hole Diameter	Depth
9 5/8	12 1/4	45'
7"	8 1/2	~~[illegible]~~ 250

OCCURRENCE OF OIL AND GAS

Formation	Interval
Sunnybrook	685 - 640

(OVR

Anderson # 10 pbss

COPY

FROM	TO	ROCK TYPE (Describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)	
0	40	Soil Clay and boulders	
40	160	Broken sandy rock	
160	170	Water -	
170	320	Green shaley limestone	
		Set @ 50' 7" Casing	
320	345	Black Shale	
345	580	Grey dolomite	Fracture 590
580	720	Brown dolomite	Oil odor 650
720	840	dark brown dolomite	Oil odor - @ 655 - 685
840	845	Mud Cave	Water 720
845	873	Tan cherty limestone	
873	875	Pencil Cave	
	TD	875	

TD 875

COPY

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO____

IMPORTANT: See Reverse Side

WELL PERMIT NO._____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

DO NOT WRITE IN THIS SPACE
Fee_____
Approval Date_____
Approved By_____
Plat_____
Bond_____
API No._____

APPLICATION FOR PERMIT TO DRILL

1. Well operator: TN-K ENERGY GROUP INC. Telephone: (931) 808-3709
2. Permanent address: 649 SPARTA HWY SUITE 102 CROSSVILLE, TN 38555
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: CHARLES & LINDA ANDERSON Well no: 10
5. Farm owner's mailing address: 594 WINTON LN ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   2550 ~~FNL~~ (FSL) 1725 ~~FEL~~ (FWL) Sec. 1 Carter Quad 2 ~~N~~ (S) 52 (E) ~~W~~
8. Distance & direction from nearest town or postoffice: 3 mi. NE of ALPINE off WINTON LANE
9. Ground elevation: 830.2' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other_____
12. Name of contractor: TALLENT DRILLING CO. INC.
13. Address: SO. HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools_____ Combination_____
15. Distance from nearest property line; or unit line if unit: 227.13'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 401.22'
17. Single well bond: Cash_____ Surety_____ Blanket bond: Cash_____ Surety_____
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☐

    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size_____ Length_____
    _____(Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size_____ Length_____
    _____
    _____(Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

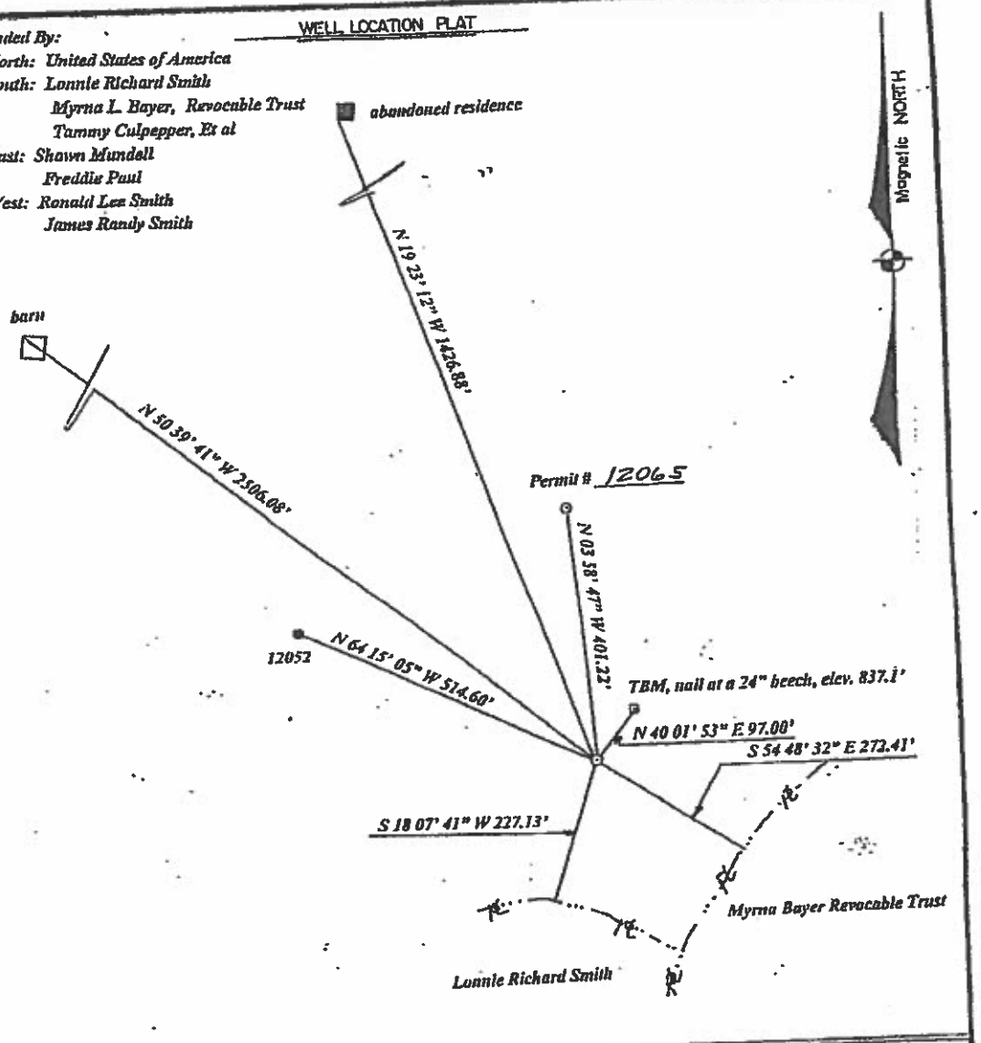
RDA 1910

Form F-AD-1
CN-0211 (Rev 6-93)

COPY

WELL LOCATION PLAT

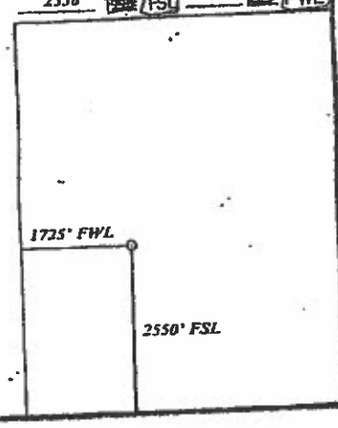
Bounded By:
North: United States of America
South: Lonnie Richard Smith
Myrna L. Bayer, Revocable Trust
Tammy Culpepper, Et al
East: Shawn Mundell
Freddie Paul
West: Ronald Lee Smith
James Randy Smith



0 200' 400'
GRAPHIC SCALE: 1"=200'

Operator: TN-K Energy Group, Inc.
Address: 649 Sparta Highway Suite 102 Crossville, Tennessee 38555
Well name and/or number: 10
Surface owner: Charles and Lynda Anderson
County: Overton
Distance and direction from nearest town: Three miles northeast of Alpine off Winton Lane
Acreage in drillsite tract: 201 Ground elevation: 830.2'

Quadrangle Alpine,-1979
Sec. 1, 3 S 53 E
2550' FSL 1725' FWL



Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

Michael W. Asberry, P.L.S. # 1653, Date

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

RECEIVED
FEB 10 2011
OIL & GAS BOARD

WELL PERMIT NO. 0012115

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION Permit No. 0012115
Operator: TNK Energy Group Inc.
Farm Name Chaines/Linda Anderson Well No. 7

TYPE OPERATION (Check One)
New Well: ☑
Workover: ☐
Deepening: ☐

LOCATION 7 ½' quad Alpine
County Overton
Carter Coordinates 2 (Section) 52 (Quad) S / E
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

INITIAL PRODUCTION
Oil (BBL/Day): 1/2 bpd ☐ Pumping ☑ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (*API): _____

ELEVATION 873.2 (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 1605 Geophysical Log: _____

OPERATIONAL DATES
Date Commenced: 12/21/10 Date Drilling: _____
Date Completed: 12/29/10 Date Placed In Operation
Date Plugged: _____ _____
(IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: 12/29/10
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)
Sunnybrook	790

DRILLING METHOD
Cable Tools
from _____ to _____
(Depths)
Air
Contractor(s): Talent Drilling
Address R.R.7 - Box 550
Albany Ky 42602

Rotary Tools
Conventional
from 0 to 1605
(Depths)
from _____ to _____

WELL TREATMENT (Check Applicable Boxes)

			In open hole	Thru perforation
Shot	qts.	interval	☐	☐
Shot	qts.	interval	☐	☐
Acid	gals.	interval	☐	☐
Acid	gals.	interval	☐	☐
Fracture:	gals.	interval	☐	☐
	lbs/Sand			
Fracture:	gals	interval	☐	☐
	lbs/Sand			

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)
N/A

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	45	0	No
7"	360	70	No

TYPE OF COMPLETION

		Shut In	Producing
Dry Hole	☐	n/a	n/a
Oil	☑	☑	☐
Gas	☐	☐	☐

Pressure Maintenance or Secondary Recovery

- Water Injection ☐
- Gas Injection ☐

Gas Storage:

- Injection-Extraction ☐
- Observation ☐

SERVICE WELL

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐

(if other describe type)

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, full up tests, Dist's. Corps, ETC.)
975 – 1025	Stones River	

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	38	Soil and Clay			
	45	9 5/8" casing			
38	120	Grey Limestone			
120	320	Green Shale			
320	347	Black Shale			
	360	7" casing			
347	580	Grey Limestone			
580	735	Dark Grey Limestone			
735	840	Black Shale Limestone			
840	845	Mud Cave			
845	868	Brown Limestone			
868	870	Pencil Cave			
870	1195	Tan Limestone			
1195	1605	Brown Limestone			
	1605	TD			

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO X

IMPORTANT: See Reverse Side

WELL PERMIT NO. 12115

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

DO NOT WRITE IN THIS SPACE
Fee #500 CK# 783109
Approval Date 11/23/2010
Approved By MA
Plat OCWD
Bond BC SC
API No. 40-133-22390

RECEIVED
NOV 1 9 2010
TN OIL & GAS BOARD

RH-01205

APPLICATION FOR PERMIT TO DRILL

1. Well operator: TN-K ENERGY GROUP, INC. Telephone: (931) 808-3709
2. Permanent address: 649 SPARTA HWY SUITE 102 CROSSVILLE, TN 38555
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: CHARLES & LYNDA ANDERSON Well no: 7
5. Farm owner's mailing address: 594 WINTON LN ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   625' (FN), ~~FSL~~ 2100' (FEL), ~~FWL~~ Sec. 1 Carter Quad 2 ~~N~~ (S) 52 (E) ~~W~~
8. Distance & direction from nearest town or postoffice: 3m. NE of ALPINE off WINTON LANE
9. Ground elevation: 873.2' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other
12. Name of contractor: TALLENT DRILLING CO. INC.
13. Address: SO. HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools ____ Combination ____
15. Distance from nearest property line; or unit line if unit: 224.12'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 800'
17. Single well bond: Cash ____ Surety ____ Blanket bond: Cash ✓ Surety ____
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☑
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length 395'
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size ____ Length ____
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

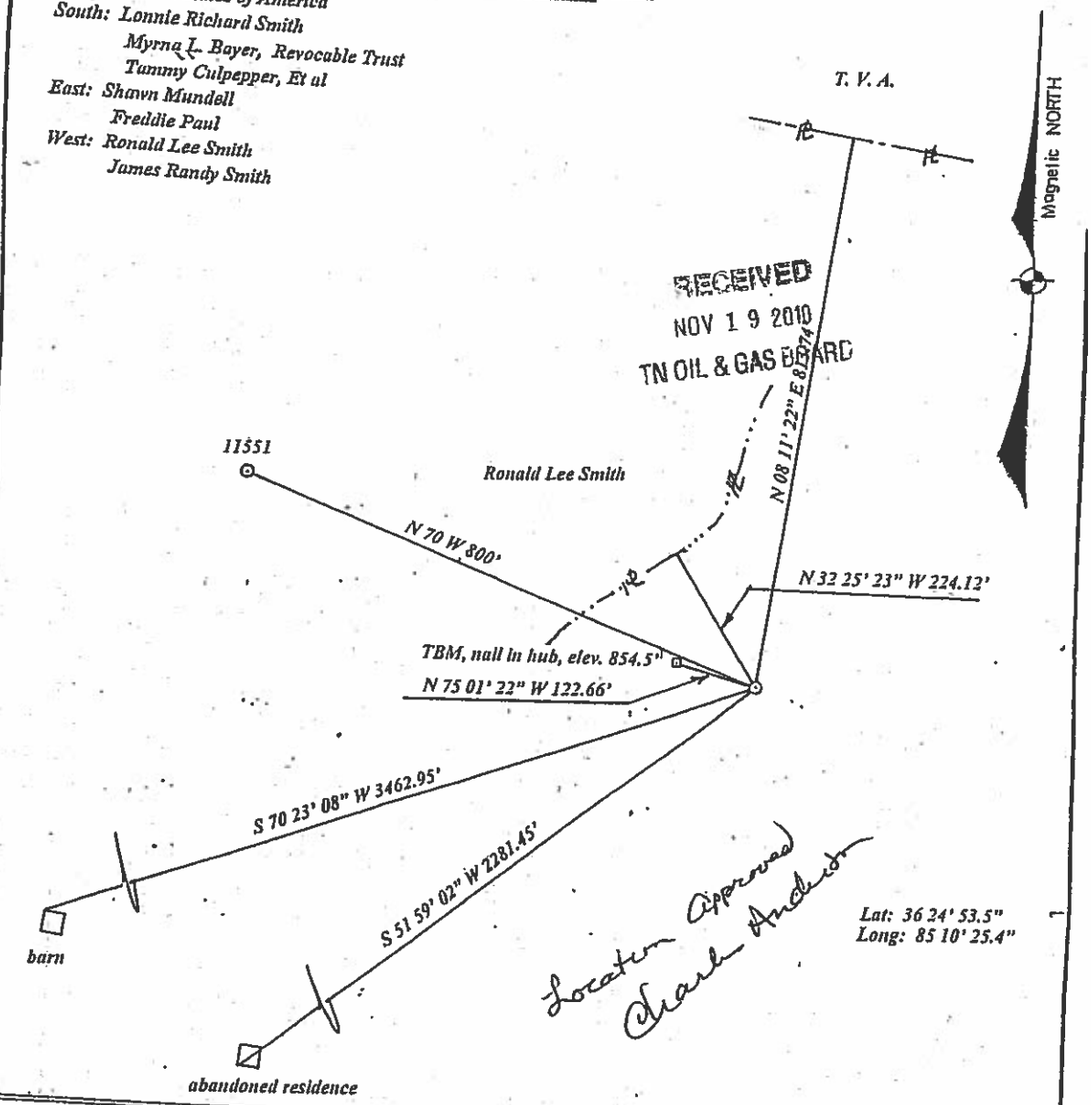
The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1
CN-0211 (Rev 6-93)

RDA 1910

Bounded By:
North: United States of America
South: Lonnie Richard Smith
Myrna L. Bayer, Revocable Trust
Tammy Culpepper, Et al
East: Shawn Mundell
Freddie Paul
West: Ronald Lee Smith
James Randy Smith

WELL LOCATION PLAT



Operator: TN-K Energy Group, Inc.

Address: 649 Sparta Highway Suite 102 Crossville, Tennessee 38555

Well name and/or number: 7

Surface owner: Charles and Lynda Anderson

County: Overton

Distance and direction from nearest town: Three miles northeast of Alpine off Winton Lane

Acreage in drillsite tract: 201 Ground elevation: 873.2'

0 200' 400'
GRAPHIC SCALE: 1"=200'

Quadrangle Alpine, 1979

Sec. 1, 2 S 52 E

625' FNL 2100' FEL

625' FNL

2100' FEL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

10/07/10

Michael W. Asberry, P.L.S. # 1653, Date

Permit Operator Signature: _____

Affidavit

State of TENNESSEE Title NOTARY
County of CUMBERLAND

Subscribed and sworn to before me this 7TH day of FEBRUARY, 20 11.

My commission expires 06/06/2011

_____
Notary Public Signature

JENNIFER P. DORAN
STATE OF TENNESSEE NOTARY PUBLIC
CUMBERLAND COUNTY

Charles and Lynda Well # 13

Permit # 12221

Carter Coordinates 1-2S-52E 1850FNL 1025FEL

- [x] Permit
- [ ] Well History Report
- [x] Driller Log
- [x] Plat/Map
- [ ] _____
- [ ] _____
- [ ] _____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL & GAS BOARD
6TH Floor, L&C Annex
401 Church Street
Nashville, TN 37243-1534
(615) 532-0166

AUTHORITY TO DRILL, DEEPEN OR RE-OPEN A WELL

[X] FOR OIL [X] FOR GAS [ ] OTHER

API No. *41-133-22434*
Depth Permitted *2500*
Permit No. *0012221*
Elevation *871.2*
County *Overton*
Date Issued *8/19/2011*

Material Required Within 30 Days Following Ceassation of Drilling Operations of the Well:
1. **Well History with Driller's Log**
2. **Mechanical Logs ---2 final copies (if run)**
3. **Samples**

This is the authority under the 1943 Oil and Gas Law, as amended, and the rules and regulations of this Board, effective November 15, 1972, for *Tn-K Energy Group, Inc.* **to drill a well as described below.**

Said well is number *13* **and lessor is** *Charles and Lynda Anderson*

Location of well to be *1-2S-52E* *1850 FNL, 1025 FEL*

This permit expires in ninety (90) days from date of issuance unless drilling operations have commenced prior thereto. All information on this well required by the rules and regulations of the State Oil and Gas Board must be furnished to the State Oil and Gas Supervisor, at Nashville, Tenn., in compliance with the laws of the State of Tennessee. This permit must be posted at the well before drilling commences.

STATE OIL AND GAS BOARD

Michael Davis

NOTICE: THIS PERMIT IS NOT IN ANY WAY TO BE CONSTRUED AS A CERTIFICATION BY THE STATE OF TENNESSEE THAT ANY PROPERTY INTEREST IN THE PREMISES COVERED BY THIS PERMIT IS VESTED IN THE PERMITTEE. IT IS ISSUED SOLEY UNDER THE REGULATORY POWERS VESTED IN THE TENNESSEE OIL AND GAS BOARD UNDER THE PROVISIONS OF TITLE 60 OF THE TENNESSEE CODE ANNOTATED FOR THE PURPOSES RECITED IN SAID CODE SECTION AND THE RULES AND REGULATIONS PROMULGATED BY THE BOARD PURSUANT TO SAID CODE SECTION.

WELL LOG AND COMPLETION REPORT

WELL IDENTIFICATION

Permit # 12221

Operator TN-K

Farm Name Charles Linda Anderson

Well No. 13

TYPE OPERATION

Re-Open ____

New Well ✓

Deepening ____

LOCATION

County Overton

Sec. 1, Letter 25, Number 52 E

1850 FNL/FSL 1025 FEL/FWL

Elevation 871

Total Depth Drilled 1805

Hole Size 6 1/4

OPERATIONAL DATES

Commenced Aug 26/2011

Completed Aug 31/2011

WATER ENCOUNTERED (fresh, salt, sulfur)

Type	from	to
Fresh	75	77

CASING DATA

Casing Outside Diameter	Hole Diameter	Depth
9 5/8	12"	95'
7"	8 1/2	372'

OCCURRENCE OF OIL AND GAS

Formation	Interval
Sunnybrook	Gas 430 - 490

(01

Anderson #13

FROM	TO	ROCK TYPE (Describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)
0	90	Soil Caves and boulders
		Set 95' 9 5/8 Casing
90	125	Dark Grey limestone
125	335	Green Shaley limestone Gas 430-490
335	580	Grey dolomitic limestone
		Set 370' 2" Casing
580	899	Dark Brown limestone
899	904	Mud Cave
904	929	Brown limestone
929	932	Pencil Cave
932	1280	Tan limestone Stones River
1280	1660	Brown limestone Murfreesboro
1660	1730	Grey dolomitic limestone Wells Creek
1730	1805	Brown dolomite and chert Knox

TD 1805

Spoon & Co., LLC
Oil Well Cementing

39 Miranda Ln. • P.O. Box 1809
Columbia, Ky. 42728
270-250-2506 • 270-465-9320

FIELD TICKET # [illegible]

Date [illegible]

Ordered By [illegible]

Company [illegible]

Phone

Address

Location/Well # [illegible]

County [illegible]

Approx. Miles

Terms of Payment (Charge or Collect Check)

Job Description [illegible]

Well Depth [illegible]

Cemented Casing Depth [illegible]

Casing: New ____ Used ____ Casing Size [illegible] Size of Hole [illegible] Weight

Straddle Packers

Packers Set @ ____ Ft.

CEMENT

MATERIALS	UNIT PRICE	PRICE
SET-UP 1	[illegible]	[illegible]
[illegible] SKS CALCIUM	[illegible]	[illegible]
[illegible] SKS CEMENT	[illegible]	[illegible]
1 LIME	[illegible]	[illegible]
[illegible] MILEAGE ONE WAY	[illegible]	
1 WATER & TRUCK	[illegible]	[illegible]
AQUA GEL		
JELL FLAKE		
WIPER PLUGS		
DOWN HOLE EQUIPMENT		
OTHER		
TOTAL		[illegible]
LESS 3% PREPAID DISC.		
NET TOTAL		[illegible]

Remarks: [illegible]

Well operator assumes all liability for packers while in hole. As part of consideration hereof, it is agreed that Spoon & Co., LLC, Oil Well Cementing, shall not be liable or responsible for any loss, damage or injury to said well resulting from the use of such acid equipment, or for the acts of any person engaged in doing such work on the above described well. A 2% per month carrying charge will be applied on accounts over 30 days for a 24% APR. The above job was done under the supervision of the owner, operator, or his agent whose signature appears below.

SPOON & CO. OIL WELL CEMENTING, LLC REPRESENTATIVE: [illegible]

AGENT OF CONTRACTOR:

[illegible]

MAKE CHECK PAYABLE TO SPOON & CO. OIL WELL CEMENTING, LLC

WELL LOCATION PLAT

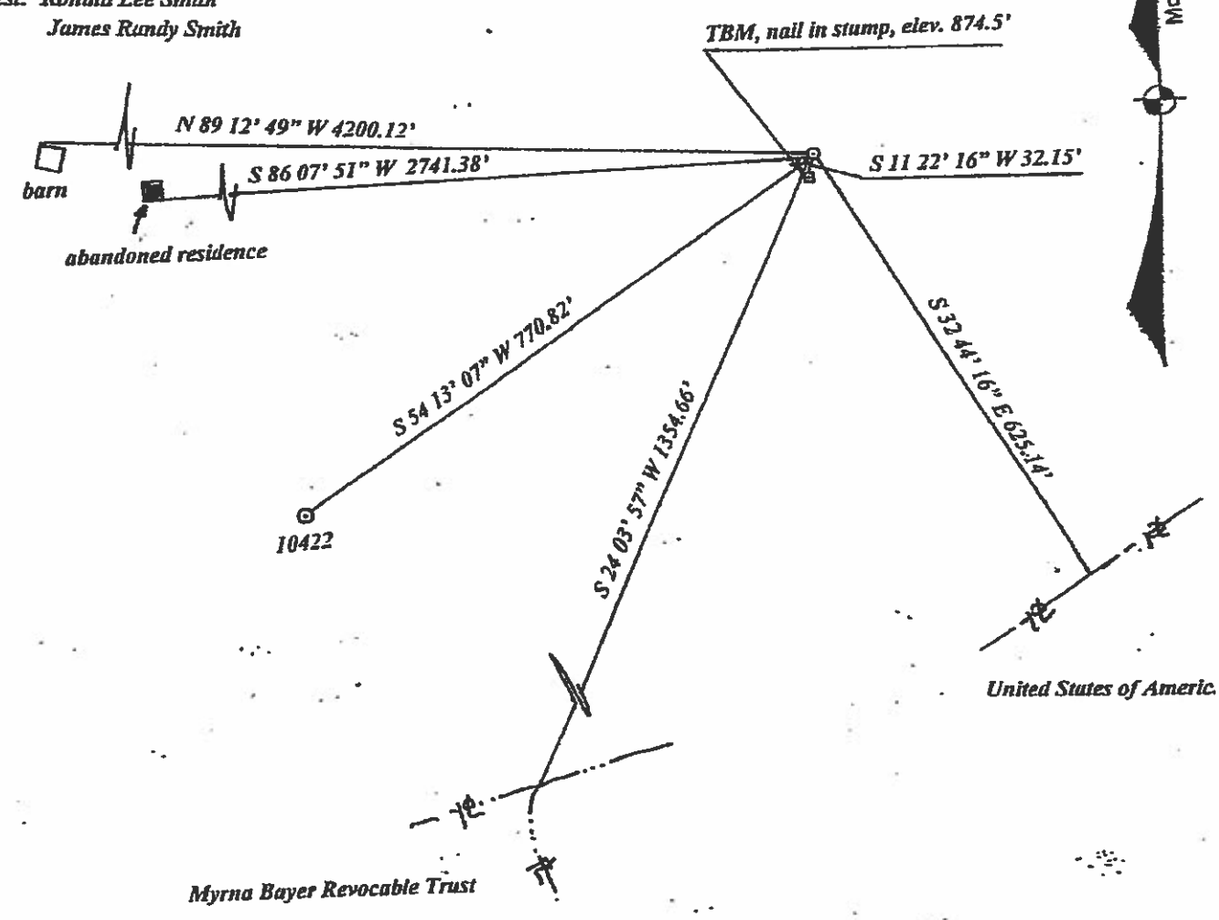
Bounded By:

North: United States of America

South: Lonnie Richard Smith
Myrna L. Bayer, Revocable Trust
Tammy Culpepper, Et al

East: Shawn Mundell
Freddie Paul

West: Ronald Lee Smith
James Randy Smith



Mark Anderson

Note: The proposed drill site spots at the 900' contour, but it has been determined to be 871.2' from benchmark.

Operator: *TN-K Energy Group, Inc.*

Address: *649 Sparta Highway Suite 102 Crossville, Tennessee 38555*

Well name and/or number: *13*

Surface owner: *Charles and Lynda Anderson*

County: *Overton*

Distance and direction from nearest town: *Three miles northeast of*

0 200' 400'
GRAPHIC SCALE: 1"=200'

Quadrangle *Alpine, 1979*

Sec. *1* T. *2* S. *52* E.

1850' FNL FSL *1025'* FEL FWL

JNTY	STATE	LESSEE	WELL NAME AND NUMBER	LOCATION
29 Overall		RAYMOND CARR	MC DONALD, JOHNNY B. #1 (708)	MAP #227 733,800N, 2,2[illegible],600E 1800 FSL. 1250 FWL 1-25-52E

COMMENCED: 6/7/74 COMPLETED: 12/20/74	ALTITUDE: 865.4 TOTAL DEPTH: 550 (D)	PRODUCTION: D&A	SAMPLE SET NO. SAMPLES FROM TO RESIDUES:

OIL SHOWS NONE REPTD

OIL PAYS

GAS SHOWS NONE REPTD

GAS PAYS

WATER

CASING RECORD 8" @ 40'; 6 5/8" @ 330' (pulled all)

DRILLER'S LOG R-WH-1

DRILLER'S LOG STRIP

ELECTRIC LOG

SAMPLE STUDY

SAMPLE STUDY STRIP

TYPE RIG COMB.

VISITS TO TEST—REMARKS: CONTR: RAYMOND CARR

PER. 708 (6-7-74)
PROP. T.D. 1000 SECOND SUNNY BROOK

4/21/75 Rec'd R-WH-1
w/ plug ~~[illegible]~~ data

9-8-77 – Received R-WH-1 plugged + abandoned 8 5/8" casing, 6 5/8 casing all pulled. 50' to 80' 6 sxs. 300'-335' 6 sxs.

POST: NFW - 5 miles SW of aband. Spurrier Fld

NFW - DRY ✓ (4/75)

API 41 133 20007
ALPINE QUAD

FORMATION	SCOUT	DRILLER	ELEC. LOG	SAMPLE	S. L.	GEOL.	REMARKS	FORMATION	SCOUT	DRILLER	ELEC. LOG	SAMPLE	S. L.	GEOL.	REMARKS
								Chatt		333					
								B.Ch/Ord		359					
									TD in Mid. Ord						

API 41 133 20001

Form P-AD-1

IMPORTANT: See Reverse Side

CO SUPP 229

WELL PERMIT NO. 708

DO NOT WRITE IN THIS SPACE
Fee 8/10 CR
Approval Date 6/7/24
Approved by [illegible]
Plat CK
Bond BS
API no.

STATE OF TENNESSEE
STATE OIL & GAS BOARD
G-5 STATE OFFICE BUILDING
NASHVILLE, TENNESSEE 37219

APPLICATION FOR PERMIT TO DRILL

DRILL ☒ DEEPEN ☐ REOPEN ☐

1. Well operator: Raymond Carr Telephone: 268-0156
2. Permanent address: Hilham, Tenn. 38568
3. Address for mailing permit: Same
4. Farm owner (lessor) or unit: Johnny B. McDonald
5. Address: Alpine, Tenn.
6. County: Overton Well no: 1
7. Carter Coordinates: 1800 ~~FNL~~ FSL ~~1200~~ 1250 ~~FEL~~ FWL Sec. 1 Carter Quad. 2 N.S. 52 E.W.
8. Tennessee Coordinates: 733,800 N., 2,241,600 E.
9. Distance & direction from nearest town or postoffice: 2 miles East of Alpine
10. Ground elevation: 865.4 Proposed total depth: 1000 ft.
11. Name of deepest geological formation to be tested: Second Sunny Brook
12. This proposed well is to be drilled for the following purpose:
    Oil X Gas X Injection Geologic test
    Other
13. Name of contractor: Raymond Carr
14. Address: Hilham, Tenn. 38568
15. To be drilled by: Rotary Cable tools Combination X
16. Distance from nearest property line; and unit line if applicable 467'
17. Distance from nearest producing or drilling well (if less than 3000 ft.) N/A
18. Single well bond: Cash Surety Blanket bond: Cash Surety X
19. Is applicant at this time in violation of any requirements? Yes ☐ No ☒
    Surface Casing: (Surface casing program shall comply with Chap II, Sec. 7 of Gen. Rules and Regulations)
20. Surface casing program for rotary rig: Size 8" Length 40' Cement (sacks) all the wa
21. Description of casing program for cable tools: 240 6½" ID
22. Will this well penetrate coal bearing strata? Yes ☐ No ☒
23. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

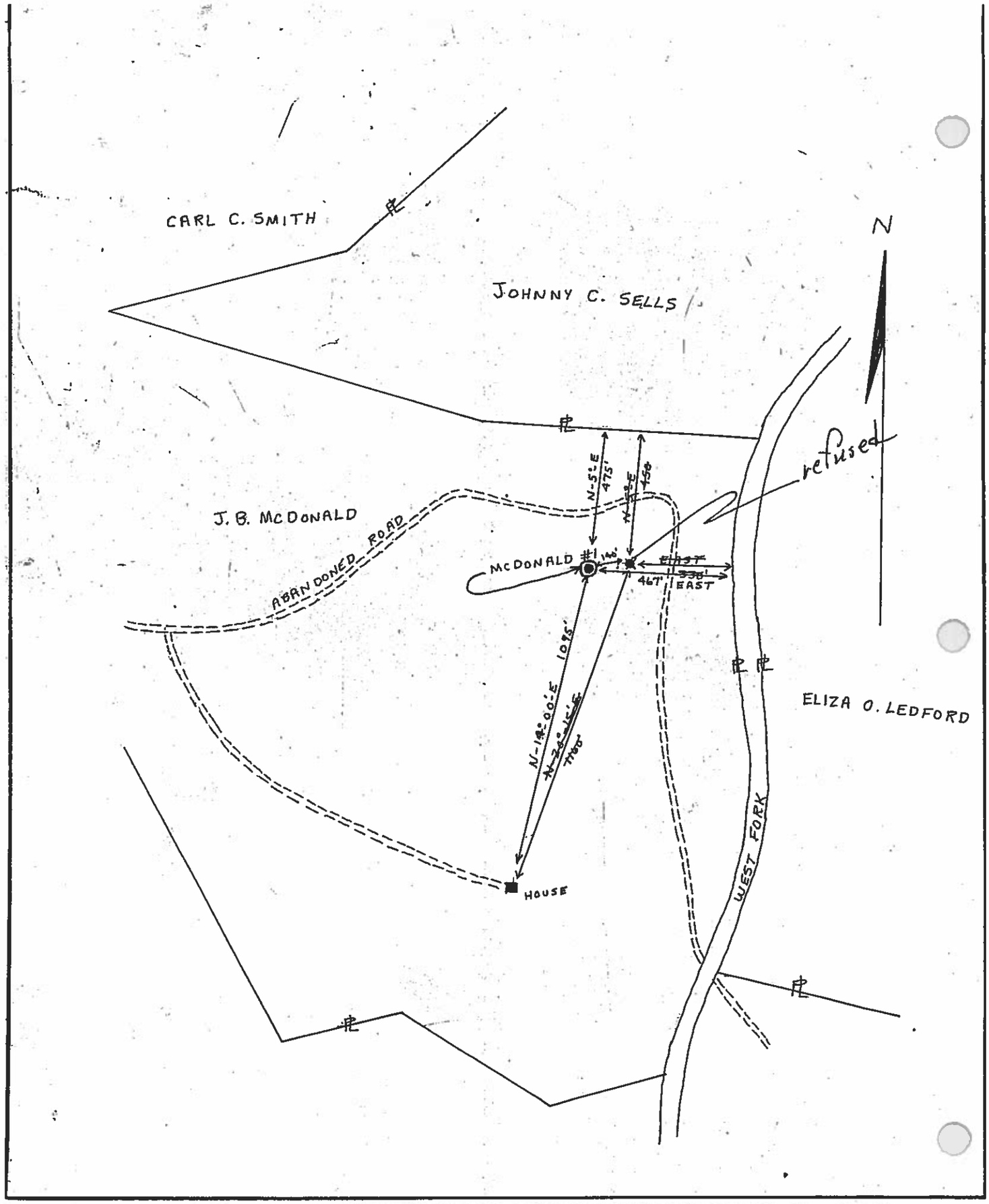
Coal owners and addresses:

Is any coal within 1000 feet of the proposed location on either this tract or another tract, being actively mined?

Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators named herein.

Form P-AD-1



OPERATOR P. H. Ramsey
ADDRESS R-4
Livingston, TN. 38570
FARM J.B. McDONALD
TRACT ACRES 100 LEASE NO. #1
WELL NO. 1 ELEVATION ~~876.6~~ 865.4
QUADRANGLE ALPINE 7.5 MIN. SERIES
CARTER COORDINATES ~~1850'~~ 1825' FSL ~~1350~~ 1210 FWL SEC. 1
CARTER QUAD. 2S - 5ZE
DRILL ✓ DEEPEN ____ REOPEN ____
DATE 1-26-74 SCALE 1"=400' MAY 1974

WELL LOCATION MAP

STATE OF TENN.
COUNTY OF OVERTON

I hereby certify that the above plat is accurate and correct to the best of my knowledge and belief.

SIGNATURE Albert B. Sells
ADDRESS 604 W. Cedar St.
Livingston, Tenn.
TITLE REG. LAND SURVEYOR
TENN. REG. NO. 344

RECEIVED

STATE OF TENNESSEE
STATE OIL & GAS BOARD

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Teapot	P.P.	550	Salt Water + Sulphur. Bottom shale 359 ft, about 335 [illegible]

WORK SUMMARY

Date Work Performed	Service Company	Description of Work

WELL FILE
TENN. DIV. GEOLOGY

RECEIVED
APR 21 1975
STATE OF TENNESSEE
STATE OIL & GAS BOARD

41-133-20007

(4/75)
Form R-WH-1

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
G-5 STATE OFFICE BUILDING
NASHVILLE, TENNESSEE 37219

WELL PERMIT NO. 708

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

DESIGNATE TYPE OF COMPLETION:

New Well ☑ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☑

DESCRIPTION OF WELL AND LEASE

Operator: RAYMOND CARR	Address: HILHAM TENN.
Lease Or Unit Name: JOMIE B. MC DONALD	Well Number: 1
Field & Reservoir:	
County: OVERTON	Location:
Sec.—TWP-Range or Block & Survey: 1-25-~~7E~~ 52E	
Date spudded: 6-7-74	Date total depth reached: 12-10-74
Date completed, ready to produce:	Elevation (DF, RKB, RT or Gr.) feet:
Elevation of casing hd. flange feet:	
Total depth: 550	P.B.T.D.:
Single, dual or triple completion?	If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion	Rotary tools used (interval): 300
Cable tools used (interval): 300 to 550	
Was this well directionally drilled?	Was directional survey made?
Was copy of directional survey filed?	Date filed
Type of electrical or other logs run (check logs filed with the Board)	Date filed

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
	9"	8		40		40
	8"	6 5/8		330		330

TUBING RECORD

Size in.	Depth set ft.	Packer set at ft.

LINER RECORD

Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Am't. & kind of material used	Depth Interval

WELL FILE
TENN. DIV. GEOLOGY

INITIAL PRODUCTION

Date of first production: Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)

Tubing pressure	Casing pressure	Cal'ted rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas—oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

PLUG AND ABANDON (P&A) DATA

Casing Size	Amount Pulled	Cement Plugs From	To	Sacks	How Placed	Date Work Performed	Name of Test Witness-State If Super., Agent or Offset Opr.
8	40	8 ft	Top	3	Poured	12-20	Pete Ramsey
6	330	530	" "	4	Bailer	12-20	W. C. [illegible]
		330	" "	4	"	12-20	

Executed this the _____ day of _____, 19____.

State of _____
County of _____

Raymond Carr
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 18 day of April, 19 75.

SEAL

My commission expires 12-7-78

Notary Public in and for Darlene Carr
County, Overton

Form R-WH-1

(See Reverse Side)

1+DK

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13TH FLOOR, L & C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

API Well No.
Field Name
CSD Class
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION Permit No. 12,119
Operator Hornet Oil and Gas
Farm Name Randy Smith Well No. 1

TYPE OPERATION (Check One)
New Well ☑
Workover ☐
Deepening ☐

LOCATION 7½' quad Alpine
County Overton
Carter Coordinates (Section) 2 N or S 52 E or W Quad
Footage from Section Lines:
2400' from N line 750' from E line
S W

ELEVATION 862.6' (ground) (D.F.) (K.B.)

TOTAL DEPTH Drillers's Log 1805' Geophysical Log

OPERATIONAL DATES
Date Commenced 12/10/2010 Date Drilling Completed 1/5/2011
Date Plugged 2/8/11 (IF DRY HOLE) Date Placed in Operation (IF PRODUCING, INJECTION, ETC.)
Date Shut-In (IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Rotary Tools Conventional—from 0 to 1805'
Cable Tools from ___ to ___ (Depths) Air—from ___ to ___ (Depths)
CONTRACTOR(S): Tallent Drilling
Address P.O. Box 482
Albany, KY 40602

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, Induction, sonic, gamma ray, neutron, density etc.)
Camera run

TYPE OF COMPLETION
Dry Hole ☑
Oil ☐
Gas ☐
Shut-In or Producing
Pressure Maintenance or Secondary Recovery
Water Injection ☐
Gas Injection ☐
Gas Storage:
Injection-Extraction ☐
Observation ☐
SERVICE WELL:
Saltwater Disposal ☐
Water Supply ☐
Observation Well ☐
Other

INITIAL PRODUCTION
Oil (bbl/day) ☐ Pumping ☐ Natural
Gas (MCF/day) ☐ Flowing ☐ After treatme
Water (bbl/day) GOR
Hours tested Choke size
Pressure: Tubing ☐ shut-in ☐ flowir
(in psi) Casing ☐ shut-in ☐ flowir
Disposition of gas (State whether vented, used for fuel, or sold)
Oil gravity (°API)

PRODUCING INTERNAL
Formation Name(s) Interval(s)

RECEIVED 2011 TN OIL & GAS BOARD

WELL TREATMENT (check applicable box)

		In open hole	Thru perforati
Shot ___ qts.	Interval	☐	☐
Shot ___ qts.	Interval	☐	☐
Acid ___ gals.	Interval	☐	☐
Acid ___ gals.	Interval	☐	☐
Fracture ___ gals. ___ lbs/sand	Interval	☐	☐
Fracture ___ gals. ___ lbs/sand	Interval	☐	☐

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8"	59'		
7"	405'		

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths—Top Base)	Formation	Remarks (Shows of oil and/or gas, full-up tests, Dist's. Corps, Etc.)
705'		Odor of Oil

Form R-P&A-1

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
G-5 STATE OFFICE BUILDING
NASHVILLE, TENNESSEE 37219

WELL PERMIT NO. 708

PLUG AND ABANDON REPORT

Operator: Raymond Carr		Address: Hilham, Rt. 1, Tenn. 38568	
Name of Lease: Johnny B. McDonald	Well No.: 1	Field & Reservoir:	
Location of Well: Sec. 1, 25 52E	Carter Coordinate Location:		County: Overton
Application to drill this well was filed in name of: Raymond Carr	Has this well ever produced oil or gas? No	Character of well at completion (initial production): Oil (bbls/day): ✓	Gas (MCF/day): ✓ Dry? ✓
Date plugged: 4-20-75	Total depth: 535'	Amount well producing when plugged: Oil (bbl/day): —	Gas (MCF/day): — Water (bbls./day): —

Name of each formation containing oil or gas. Indicate which formation open to wellbore at time of plugging. List coal & other minable mineral zones.	Fluid content of each formation	Depth interval of each formation or coal and other minable mineral zones.	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.
			3 sacks of cement to each plug

CASING RECORD

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
8 5/8"	50'				
6 5/8"	365'	all	none		

Was well plugged according to regulations?

Indicate deepest formation containing fresh water.

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
X	X	X

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.

Use reverse side for additional detail
File this form in duplicate with the Supervisor, State of Tennessee Oil and Gas Board.

Executed this the 9th day of May, 19 77

State of Tennessee
County of Davidson

Raymond Carr
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Raymond Carr known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. And affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

RECEIVED MAY 9 1977 STATE OF TENNESSEE STATE OIL & GAS BOARD

Subscribed and sworn to before me this 9th day of May, 19 77

SEAL

Dorothy G. Lopez
Notary Public in and for Davidson County, Tenn.

My commission expires Aug. 13, 1978

Form R-P&A-1

WELL PERMIT NO. 12119

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISON OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

RECEIVED
FEB 2010
TN OIL & GAS BOARD

County: Overton
Quad: Alpine
Carter's: Sec. ____
T: ____ R: ____
FNL: ____ FEL: ____
FSL: ____ FWL: ____
LAT: ____
LONG: ____
(DO NOT WRITE IN THIS BOX FOR STATE USE ONLY)

Plug and Abandon Report

Notice: Must Be Filed Within 30 Days From Date Well Is Plugged

Operator: Hornet Corporation Telephone: 615-590-0910 Alt Phone: 270-579-2751
Permanent Address: 130 Maple Drive North, 2nd Floor
Hendersonville, Tenn. 37075
Mailing Address : As above

Well Name: Randy Smith #1 Well Permit No: 12,119
Well Latitude: ____ Well Longitude: ____
Well Total Depth: 1865'

Was Well Filled With Cement? [ ] Yes [✓] No Total Amount of Cement Used: 30 sacks

Please Indicate the Size, Kind, and Depth of all plugs used. Also Indicate zones squeezed cemented, make certain to give the amount of cement in each zone.

5 sacks at 1700'
10 " " 827-875
10 " 430-370
5 " 25' to surface

Notice: You Must Have an Inspector sign this form before it is considered complete.

Inspector's Signature: Jeffrey Patton Name(printed): Jeff Patton

If this Well was Plugged back for use as a fresh water well, give all pertinent details of plugging operation to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach a notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

I hereby attest and affirm that the information included on or associated with this certification is true and accurate to the best of my knowledge. I hereby authorize the State of Tennessee to make any contacts for verification of any information included on or with this certification.
Please attach additional sheets if necessary.

Operator's Signature: G.A. Murrell Name(printed): G. A. Murrell
Date: 2/16/2011

TALLENT DRILLING WELL LOG AND COMPLETION REPORT

(606) 387 8327
(606) 387 8365
(606) 387 8710

ROCK TYPE
(Describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)

From	To	
0	40	Red clay
40	50	Mud caves
50	110	Medium gray hard crystalline limestone
110	190	Black limestone with white chert nodules
190	210	Top of Ft. Payne - White reef limestone
210	310	White reef limestone and olive green shale
310	355	Olive green shale
355	360	Brown cherty reef limestone
360	392	Chattanooga Black Shale
392	460	Grayish brown coarse grained limestone
460	670	Black brown limestone with white calcite crystals
670	725	Black brown shaley limestone
725	835	Clean white crystalline limestone
835	880	Hermitage – Medium gray shaley limestone
880	885	Mud cave with bentonite
885	905	Broken brown crystalline limestone
905	907	Green pencil cave
907	1130	Light tan fine grained limestone
1130	1315	Medium brown limestone with black streaks
1315	1340	Murfreesboro - Pale gray limestone
1340	1570	Black limestone
1570	1645	Black limestone interbedded with pale gray limestone
1645	1700	Wells Creek – Pale gray limestone and dolomite
1700	1710	Top of Knox – Brown dolomite and chert
1710	1730	Brown dolomite
1730	1740	Brown dolomite and chert
1740	1765	Brown dolomite
1765	1805	Pale gray dolomite
		TD 1805'

(606) 387 8327
(606) 387 8365
(606) 387 8710

RECEIVED
FEB 17 2010
TN OIL & GAS BOARD

TALLENT DRILLING WELL LOG AND COMPLETION REPORT

Well Identification:

Permit #	12,119	Farm Name:	Randy Smith
Operator:	Hornet Oil and Gas	Well Number:	1

Type Operation:

New well

Location:

County:	Overton	Elevation:	
State:	TN	Total Depth Drilled:	1805'
Hole Size	12 ¼", 8 ¾", 6 ¼"		

Operational Dates:

Commenced:	December 10, 2010
Completed:	January 5, 2011

ater Encountered: (Fresh, Salt, Sulfur)

Type:	From:	To:
Fresh	50'	
Sulfur	150'	

Casing Data:

Casing Outside Diameter:	Hole Diameter:	Depth:
9 5/8"	12 ¼"	59'
7"	8 ¾"	405'

Occurrence of Oil and Gas:

Formation:	Interval:
Odor of oil	705'

WELL PERMIT NO. 12119

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISON OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

RECEIVED
FEB 2010
TN OIL & GAS BOARD

County: Overton
Quad: Alpine
Carter's: Sec. ____
T: ____ R: ____
FNL: ____ FEL: ____
FSL: ____ FWL: ____
LAT: ____
LONG: ____
(DO NOT WRITE IN THIS BOX FOR STATE USE ONLY)

Plug and Abandon Report

Notice: Must Be Filed Within 30 Days From Date Well Is Plugged

Operator: Hornet Corporation Telephone: 615-590-0910 Alt Phone: 270-579-2751
Permanent Address: 130 Maple Drive North, 2nd Floor
Hendersonville, Tenn. 37075
Mailing Address : As above

Well Name: Randy Smith #1 Well Permit No: 12,119
Well Latitude: ____ Well Longitude: ____
Well Total Depth: 1565'

Was Well Filled With Cement? [ ] Yes [✓] No Total Amount of Cement Used: 30 sacks

Please Indicate the Size, Kind, and Depth of all plugs used. Also Indicate zones squeezed cemented, make certain to give the amount of cement in each zone.

5 sacks at 1700'
10 " " 827-875
10 " 430-370
5 " 25' to surface

Notice: You Must Have an Inspector sign this form before it is considered complete.

Inspector's Signature: Jeffrey Patton **Name(printed):** Jeff Patton

If this Well was Plugged back for use as a fresh water well, give all pertinent details of plugging operation to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach a notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

I hereby attest and affirm that the information included on or associated with this certification is true and accurate to the best of my knowledge. I hereby authorize the State of Tennessee to make any contacts for verification of any information included on or with this certification.
Please attach additional sheets if necessary.

Operator's Signature: G.A. Murrell **Name(printed):** G. A. Murrell
Date: 2/16/2011

WELL PERMIT NO. 12105

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISON OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

RECEIVED
JUL 13 2011
TN OIL & GAS BOARD

County: _____
Quad: _____
Carter's: Sec. _____
T: _____ R: _____
FNL: _____ FEL: _____
FSL: _____ FWL: _____
LAT: _____
LONG: _____
(DO NOT WRITE IN THIS BOX FOR STATE USE ONLY)

Plug and Abandon Report

Notice: Must Be Filed Within 30 Days From Date Well Is Plugged

Operator: Overton Oil & Gas Telephone: _____ Alt Phone: _____
Permanent Address: _____
Mailing Address : _____

Well Name: Richard Smith #21 Well Permit No: 12105
Well Latitude: _____ - Well Longitude: _____
Well Total Depth: 1350

Was Well Filled With Cement? ☐ Yes ☒ No Total Amount of Cement Used: 20 sacks

Please Indicate the Size, Kind, and Depth of all plugs used. Also Indicate zones squeezed cemented, make certain to give the amount of cement in each zone.

5 sacks @ Pencil Cave 858' 10 sacks @ 395 for casing
5 sacks @ ~~[illegible]~~ 35'
— OK —

Notice: You Must Have an Inspector sign this form before it is considered complete.

Inspector's Signature: Jeff Patton Name(printed): Jeff Patton

If this Well was Plugged back for use as a fresh water well, give all pertinent details of plugging operation to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach a notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

I hereby attest and affirm that the information included on or associated with this certification is true and accurate to the best of my knowledge. I hereby authorize the State of Tennessee to make any contacts for verification of any information included on or with this certification.
Please attach additional sheets if necessary.

Operator's Signature: Donald Reedy Name(printed): Donald Reedy
Date: 7-7-11

A

WELL PERMIT NO. 12105

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

RECEIVED MAR 0 0 2011 TN OIL & GAS BOARD

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION Permit No. 12105
Operator: Overton Oil and Gas, Inc
Farm Name: Lonnie Boland Smith Well No. 21

TYPE OPERATION (Check One)
New Well: ☑
Workover: ☐
Deepening: ☐

LOCATION 7 ½' quad Alpine
County Overton
Carter Coordinates 1 2 52
(Section) (S) Quad (E)
Footage from Section Lines:
From S Line 1975 From W Line 350
Lat: _____ Long. _____

INITIAL PRODUCTION
Oil (BBL/Day): _____ ☐ Pumping ☐ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (*API): _____

ELEVATION 858.5' (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 1355' Geophysical Log: _____

OPERATIONAL DATES
Date Commenced: 12/3/10 Date Drilling: _____
Date Completed: 12/10/10 Date Placed In Operation
Date Plugged: _____ _____
(IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: 12/11/10
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)

DRILLING METHOD
Cable Tools
from _____ to _____
(Depths)
Air
Rotary Tools
Conventional
from 0 to 1,355'
(Depths)
from _____ to _____
Contractor(s): Talbot Drilling
Address Hwy 127
Albany, Ky

WELL TREATMENT (Check Applicable Boxes)

			In open hole	Thru perforation
Shot _____ qts.	_____ interval		☐	☐
Shot _____ qts.	_____ interval		☐	☐
Acid _____ gals.	_____ interval		☐	☐
Acid _____ gals.	_____ interval		☐	☐
Fracture: _____ gals.	_____ interval	_____ lbs/Sand	☐	☐
Fracture: _____ gals	_____ interval	_____ lbs/Sand	☐	☐

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	25'		NO
7"	360'	85 SKS	NO

TYPE OF COMPLETION

		Shut In	Producing
Dry Hole	☐	n/a	n/a
Oil	☑	☑	☐
Gas	☐	☐	☐

Pressure Maintenance or Secondary Recovery

- Water Injection ☐
- Gas Injection ☐

Gas Storage:

- Injection-Extraction ☐
- Observation ☐

SERVICE WELL

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐

(if other describe type)

_____

_____

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, full up tests, Dist's. Corps, ETC.)
860'	Sunny brook	

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	12'	soil & clay set 25' 9 5/8			
12	135'	grey limestone			
135	325	green shale & tan limestone mix			
325	351	black shale set 360' 7"			
351	525	grey limestone			
525	780	brown limestone			
780	862	black brown limestone - gas 860'			
862	867	mudd cave			
867	893	Tan to light brown limestone			
893	894	Pencil cave			
894	1244	Tan limestone stones River			
1244	1355	brown limestone murfreesboro			
	1355	TD			

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISON OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

WELL PERMIT NO. 12105

Fee: $25 CK# 181177
Approval Date: 12-02-10
Approved by: MKB
Plat: OK
Bond: SC SC
(DO NOT WRITE IN THIS BOX FOR STATE USE ONLY)

APPLICATION TO AMEND WELL PERMIT

Change of Proposed Location ✓ Change to Directional Well ☐ Change of Proposed Total Depth ☐
Change of Elevation ✓ Change of Lease or Unit Name ☐

Description of Well as Permitted: Permit No. 12105 Date Permitted Oct 2010
Operator Overton oil and Gas
Permanent address 160 Eagle Creek Rd Monroe, TN 38573
Telephone No. 931-397-0315 Alt Telephone. 931-261-8386
Lessor or Unit Lorine Richard Smith Well No. 21
County Overton Field

Location:
Latitude Longitude
Carter Coordinates
1975 FNL, (FSL) 350 FEL, (FWL) Sec 1 Carter Quad. 2 (N) (S) 52 (E) (W)
Elevation 858.5' Total Depth
Deepest Formation to be tested Knox

Purpose of Well:
Oil ✓ Gas ✓ Injection ☐ Geologic test ☐ Other

Present Status of Well:
Under Construction ✓ Producing ☐ Abandoned ☐ Total Depth 0

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Change of Proposed Location (revised plat required):
Latitude Longitude
Carter Coordinates
1950 FNL, (FSL) 360 FEL (FWL) Sec 1 Carter Quad. 2 (N) (S) 52 (E) (W)

Change of Proposed Elevation:
New Elevation 862.8 Reason for Change allow greater distance from a drainage ditch To better control erosion from site

Change of Proposed Total Depth:
New proposed Total Depth Same 2000' Deepest Formation to be Tested Knox

Proposed Change of Lease or Unit Name?
New Lease or unit name
Reason for change

Signature of Applicant: Dan Cook Agent for Overton oil & Gas & Don Reed Date: 11/2/2010

CN-0228(Rev 08-10) Page 1 of 1 RDA-1510

Permit Operator Signature: _____

Affidavit

State of Tennessee Title Load Support.
County of Overton

Subscribed and sworn to before me this 1st day of March, 20 11.

My commission expires 12/14/2013

KARRIE REEDER SPEARS
STATE OF TENNESSEE NOTARY PUBLIC
OVERTON COUNTY

_____
Notary Public Signature

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO X

IMPORTANT: See Reverse Side

WELL PERMIT NO. 12105

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

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TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE
Fee #500 BK#177437
Approval Date 10/25/2010
Approved By NA
Plat OK NW
Bond BC SC
API No. 401-133-22385

RH-012057103
RH-012057104

APPLICATION FOR PERMIT TO DRILL

1. Well operator: OVERTON OIL AND GAS, INC. Telephone: ~~(214) 438-3904~~ 931 397 0315
2. Permanent address: 9330 LBJ SUITE 901 DALLAS, TX 75243
3. Address for mailing permit: 150 Eagle Creek Rd, Monroe TN 38573
4. Farm owner (lessor) or unit: LONNIE RICHARD SMITH Well no: 21
5. Farm owner's mailing address: 5406 WAKEFIELD DR NASHVILLE, TN 37220
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   1975' ~~FNL~~ FSL 350' ~~FEL~~ FWL Sec. 1 Carter Quad 2 ~~N~~ S 52 ~~E~~ W
8. Distance & direction from nearest town or postoffice: 1¼ m. NE of ALPINE OFF WINTON LANE
9. Ground elevation: 858.5' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other
12. Name of contractor: TALLENT DRILLING CO. INC.
13. Address: SO. HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools ____ Combination ____
15. Distance from nearest property line; or unit line if unit: 417.16'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 764.05'
17. Single well bond: Cash ____ Surety ____ Blanket bond: Cash ✓ Surety ____
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☑
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length 385'
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size ____ Length ____
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

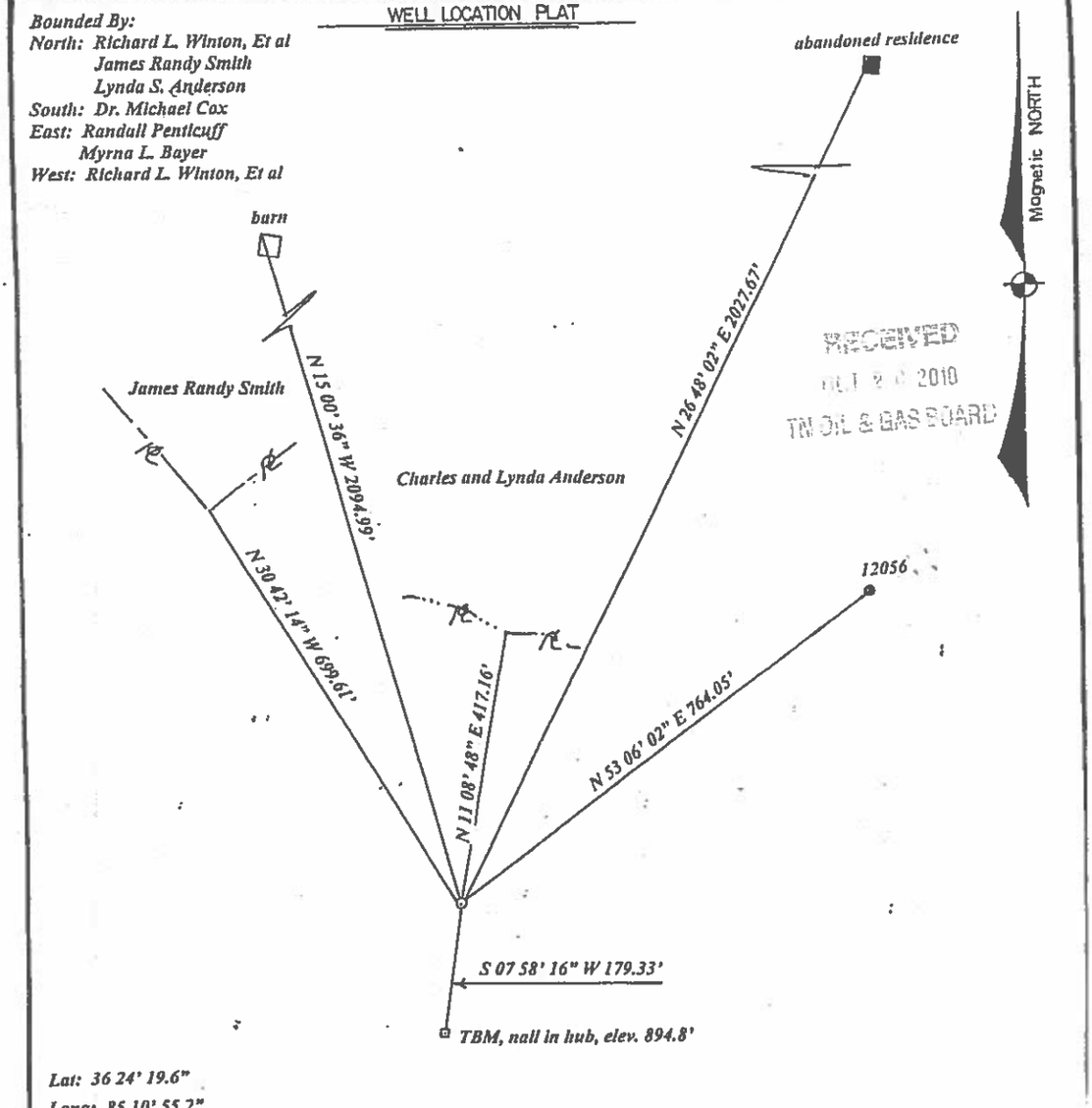
The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1
CN-0211 (Rev 6-93)

RDA 1910

WELL LOCATION PLAT

Bounded By:
North: Richard L. Winton, Et al
James Randy Smith
Lynda S. Anderson
South: Dr. Michael Cox
East: Randall Penticuff
Myrna L. Bayer
West: Richard L. Winton, Et al



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Lat: 36 24' 19.6"
Long: 85 10' 55.2"

0 200' 400'
GRAPHIC SCALE: 1" = 200'

Operator: *Overton Oil and Gas, Inc.*
Address: *9330 LBJ Suite 901 Dallas, TX 75243*

Well name and/or number: *21*
Surface owner: *Lonnie Richard Smith*
County: *Overton*
Distance and direction from nearest town: *One and one-fourth mile northeast of Alpine off Winton Lane*
Acreage in drillsite tract: *140.78* Ground elevation: *858.5'*

Quadrangle *Alpine, 1979*
Sec. *1*, *2* S *52* E
1975' FSL *350'* FWL

350' FWL
1975' FSL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

M. W. ASBERRY
REGISTERED LAND SURVEYOR
XVI
TENNESSEE NO. 1653

10/18/10
Michael W. Asberry, P.L.S. # 1653, Date

WELL PERMIT NO. 12162

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISON OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

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TN OIL & GAS BOARD

County: _____
Quad: _____
Carter's: Sec. _____
T: _____ R: _____
FNL: _____ FEL: _____
FSL: _____ FWL: _____
LAT: _____
LONG: _____
(DO NOT WRITE IN THIS BOX FOR STATE USE ONLY)

Plug and Abandon Report

Notice: Must Be Filed Within 30 Days From Date Well Is Plugged

Operator: Hornet Corp Telephone: 615-590-0910 Alt Phone: _____
Permanent Address: 130 Maple Drive North, 2nd Floor
Hendersonville, Tenn. 37075
Mailing Address : as above

Well Name: Ronald Lee Smith #1 Well Permit No: 12162
Well Latitude: 36° 24' 12.3 Well Longitude: 85° 10' 45.7"
Well Total Depth: 1505'

Was Well Filled With Cement? ☐ Yes ☑ No Total Amount of Cement Used: _____

Please Indicate the Size, Kind, and Depth of all plugs used. Also Indicate zones squeezed cemented, make certain to give the amount of cement in each zone.

5 sacks at top of casing
10 sacks from 465' to 400'
5 sacks at 900'

Notice: You Must Have an Inspector sign this form before it is considered complete.

Inspector's Signature: Jeffrey A. Patton **Name(printed):** Jeff Patton

If this Well was Plugged back for use as a fresh water well, give all pertinent details of plugging operation to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach a notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

I hereby attest and affirm that the information included on or associated with this certification is true and accurate to the best of my knowledge. I hereby authorize the State of Tennessee to make any contacts for verification of any information included on or with this certification.
Please attach additional sheets if necessary.

Operator's Signature: G.A. Murrell **Name(printed):** G.A. Murrell
Date: 6-15-11

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STATE OF TENNESSEE
STATE OIL AND GAS BOARD
401 CHURCH ST - 13th FLOOR
NASHVILLE, TN 37243-0445

API Well No _____
Field Name _____
SD Class _____
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED

NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION Permit No 12162
Operator Hornet Corporation
Farm Name Ronnie Lee Smith Well No. 1

TYPE OPERATION (Check One)
New Well ☒
Workover ☐
Deepening ☐

LOCATION 7 1/2' quad Alpine
County Overton
Carter Coordinates 1 (Section) 2 N or S 52 E or W Quad
Footage from Section Lines:
1750' from N line 1200' from W line

INITIAL PRODUCTION
Oil (bbl /day) _____ ☐ Pumping ☐ Natural
Gas (MCF/day) _____ ☐ Flowing ☐ After treatment
Water (bbl/day) _____ GOR _____
Hours tested _____ Choke size _____
Pressure: Tubing _____ ☐ shut-in ☐ flowing
(in psi) Casing _____ ☐ shut-in ☐ flowing
Disposition of gas
(State whether vented, used for fuel, or sold)
Oil gravity ('API) _____

ELEVATION 910' (ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log 1505' Geophysical Log _____

PRODUCING INTERNAL

Formation Name(s)	Interval(s)

OPERATIONAL DATES
Date Commenced 5/4/2011 Date Drilling Completed 5/16/2011
Date _____ (IF DRY HOLE) Date Placed In Operation _____ (IF PRODUCING, INJECTION, ETC.)
Date Shut-In _____
(IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Rotary Conventional Tools - from _____ to _____
Cable Tools from _____ to _____ (Depths)
Air - from 0 to TD (Depths)
CONTRACTOR(S): Rick Tallent
Address Highway 127 South
Albany, Kentucky

WELL TREATMENT (check applicable boxes)

		In open hole	Thru perforation
Shot _____ qts.	Interval	☐	☐
Shot _____ qts.	Interval	☐	☐
Acid _____ gals.	Interval	☐	☐
Acid _____ gals.	Interval	☐	☐
Fracture _____ gals. _____ lbs/sand	Interval	☐	☐
Fracture _____ gals. _____ Lbs / sand	Interval	☐	☐

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)
None

TYPE OF COMPLETION
Dry Hole ☒
Oil ☐
Gas ☐
Shut-in or Producing _____
Pressure Maintenance or Secondary Recovery
Water Injection ☐
Gas Injection ☐
Gas Storage:
Injection - Extraction ☐
Observation ☐
SERVICE WELL:
Saltwater Disposal ☐
Water Supply ☐
Observation Well ☐
Other _____

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8"	86'		
7"	435'	80'	

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths-Top Base)	Formation	Remarks (Shows of oil and/or gas, full-up tests, Dist's. Corps, Etc.)
375'	Fort Payne	Slight show of oil
390'	Fort Payne	Slight show of oil

Form R WH-1
CN-0221

(See reverse side)

Executed this the 7th day of June 20 11

State of Tennessee

County of Sumner

G. A. Murrell
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared G.A. Murrell known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 7th day of June 20 11

SEAL

Debra L Bulbrey

MY Commission expires Dec 23, 2014

Notary Public in and for Tennessee

County Sumner

DEBRA L. BULBREY
STATE OF TENNESSEE NOTARY PUBLIC
SUMNER COUNTY
MY COMM. EXP. 12-23-14

FORMATION RECORD
Permit No. 12162

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)
0	83'	dirt and gravel			
83'	245'	limestone, and shale			Fort Payne @ 245' Chattanooga Shale @ 395' Nashville Group @ 422'
245'	395'	grey shale and light brown to tan limestone			Mud Cave @ 903' Stones River @ 925'
395'	422'	black shale			Pencil Cave @ 930' Carter Cave @ 958'
422'	855'	grey limestone and minor shale			Murfreesboro @ 1355'
855'	925'	silty limestone grading to shale			
925'	1355'	light grey to tan limestone with some bentonitic shale			
1355'	TD	medium grey limestone			
		Water @ 70', 120', 550', 645' 740' and 1040'			

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO X

IMPORTANT: See Reverse Side

WELL PERMIT NO. 12162

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

DO NOT WRITE IN THIS SPACE
Fee $500 CK# 1279
Approval Date 11/15/2011
Approved By
Plat
Bond $1 $6
API No. 41-133-20811

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TN OIL & GAS BOARD

RH-0120

APPLICATION FOR PERMIT TO DRILL

1. Well operator: HORNET CORPORATION Telephone: (615) 590-0910
2. Permanent address: 130 MAPLE DR. N. HENDERSONVILLE, TN 37075
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: RONALD Lee SmitH Well no: 1
5. Farm owner's mailing address: 481 WINTON LN ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   1750' FNL, ~~FSL~~ 1200' ~~FEL~~ FWL Sec. 1 Carter Quad 2 ~~N~~ (S) 52 (E) ~~W~~
8. Distance & direction from nearest town or postoffice: 3m. NE OF ALPINE off WINTON LN.
9. Ground elevation: 910.4' Proposed total depth: 2500'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other
12. Name of contractor: TALLENT DRILLING CO. INC.
13. Address: 50. HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools Combination
15. Distance from nearest property line; or unit line if unit: 206.55'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 325.57'
17. Single well bond: Cash Surety Blanket bond: Cash Surety
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☐
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size Length
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size Length
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1 RDA 1910

CN-0211 (Rev 6-93)

Bounded By:
North: Roanld Hull
South: James Randy Smith
Lynda Anderson
East: Lynda Anderson
West: Estelle Smith

WELL LOCATION PLAT

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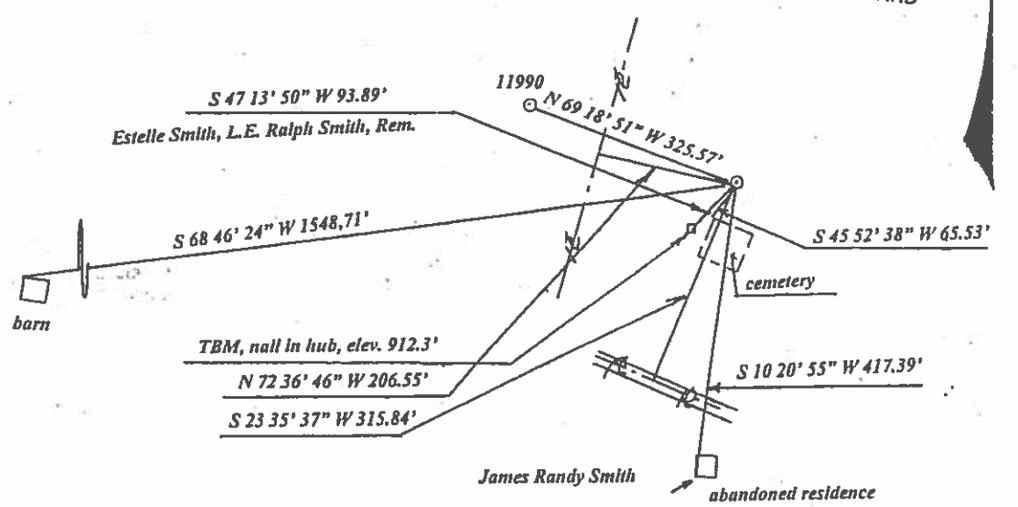
TN OIL & GAS BOARD

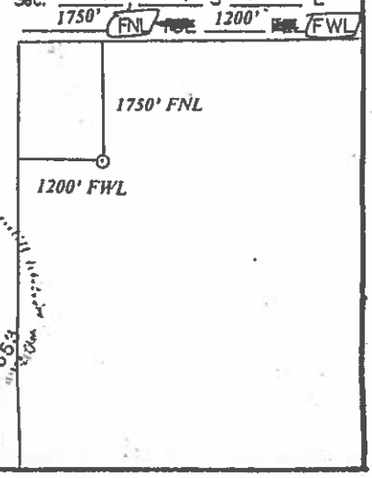


Operator: Hornet Corporation
Address: 130 Maple Ave. N. Hendersonville, Tennessee 37075

0 200' 400'
GRAPHIC SCALE: 1"=200'

Well name and/or number: 1
Surface owner: Ronald lee Smith
County: Overton
Distance and direction from nearest town: Three miles northeast of Alpine off Winton Lane
Acreage in drillsite tract: 69 Ground elevation: 910.4'

Quadrangle Alpine,-1979
Sec. 1 2 S 52 E
1750' FNL 1200' FWL



Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6282

03/30/11

Michael W. Asberry, P.L.S. # 1653, Date

MICHAEL W. ASBERRY REGISTERED LAND SURVEYOR TENNESSEE NO. 1653

WELLS OUTSIDE THE AREA OF REVIEW

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TN OIL & GAS BOARD

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

WELL PERMIT NO. 12095

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION

Permit No. 12095
Operator: Overton Oil and Gas, Inc
Farm Name: Myrna Boyer Revocable Trust Well No. 3

TYPE OPERATION

(Check One)
New Well: ☑
Workover: ☐
Deepening: ☐

LOCATION

7 ½' quad Alpine
County Overton
Carter Coordinates 12 (Section) S 52 (Quad) E
Footage from Section Lines:
From S Line 2500 From E Line 1925
Lat: _____ Long. _____

INITIAL PRODUCTION

Oil (BBL/Day): _____ ☐ Pumping ☐ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (*API): _____

ELEVATION 872.4' (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH

Driller's Log: 360' Geophysical Log: _____

OPERATIONAL DATES

Date Commenced: 10/21/10 Date Drilling: _____
Date Completed: _____ Date Placed In Operation _____
Date Plugged: 10/23/10 (IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: _____
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)

DRILLING METHOD

Cable Tools
from _____ to _____ (Depths)
Air

Rotary Tools
Conventional
from 0 to 360' (Depths)
from _____ to _____

Contractor(s): Tallent Drilling
Address Hwy 127
Albany, Ky

WELL TREATMENT

(Check Applicable Boxes)

			In open hole	Thru perforation
Shot _____	qts. _____	interval	☐	☐
Shot _____	qts. _____	interval	☐	☐
Acid _____	gals. _____	interval	☐	☐
Acid _____	gals. _____	interval	☐	☐
Fracture: _____	gals. _____	interval _____ lbs/Sand	☐	☐
Fracture: _____	gals _____	interval _____ lbs/Sand	☐	☐

TYPE(S) OF GEOPHYSICAL LOGS RUN:

(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	70'		yes
		Well filled	
		with Cement	

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL AND GAS BOARD
6th FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

API Well No. _____
Field Name _____
CSD Class _____ (For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

LL IDENTIFICATION
rator Austin Oil and Gasoline — Permit No. 11686
n Name Myrna Boyer Revocable Trust — Well No. 2

E OPERATION (Check One)
Well
kover
pening

LOCATION 7 1/2' quad Alpine
County Austin
Carter Coordinates 1 2 (Section) S — 52 (E) Quad
Footage from Section lines:
1150' from S line 2100 from W line

INITIAL PRODUCTION
Oil (bbl/day) _____ Pumping Natural
Gas(MCF/day) _____ Flowing xxxx After treatment
Water (bbl/day) _____ GOR _____
Hours tested _____ Choke size _____
Pressure: Tubing _____ xxxx shut-in flowing
(in psi) Casing _____ xxxx shut-in flowing
Disposition of gas _____
(State whether vented, used for fuel, or sold)
Oil Gravity (°API) _____

EVATION 837.7' (ground) _____ (D.F.) (K.B.)

TAL DEPTH
ist's Log _____ Geophysical Log _____

ERATIONAL DATES
mmenced _____ Date Drilling Completed _____
ged _____ Date Placed in Operation _____
RY HOLE) (IF PRODUCING, INJECTION, ETC.)
abandoned location
Shut-In
SHUT-IN PRODUCER OR OTHER
PORARILY SUSPENDED OPERATION)

PRODUCING INTERNAL
Formation Name(s) — Interval(s)

LLING METHOD
Rotary Tools — Conventional-from ____ to ____
le
e from ____ to ____ (Depths) — Air-from ____ to ____ (Depths)
NTRA
ress

WELL TREATMENT (check applicable boxes)
In open hole — Thru perforation
Shot ____ qts. ____ Interval
Shot ____ qts. ____ Interval
Acid ____ gals. ____ Interval
Acid ____ gals. ____ Interval
Fracture ____ gals. ____ Interval
____ lbs/sand
Fracture ____ gals. ____ Interval
____ lbs/sand

PE(S) OF GEOPHYSICAL LOGS RUN
ctrical, induction, sonic, gamma ray, neutron, density, etc.)

PE OF COMPLETION
Hole
Shut-in or Producing
Producing
sure Maintenance or
ondary Recovery
ter Injection
s Injection
Storage
ction-Extraction
servation
abandoned location
SERVICE WELL:
Saltwater Disposal
Water Supply
Observation Well
Other

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths-Top Base)	Formation	Remarks (Shows of oil and/or gas, full up tests, Dist's, Corps, Etc.)

(See reverse side)

-0221 RDA 222

There was no impact to this site. Well was not drilled, site was not disturbed.

RECEIVED
DEC 2 1 2010

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

WELL PERMIT NO. 12093

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION Permit No. 12093
Operator: Overton Oil and Gas, Inc.
Farm Name: Myrna Bayer Rev. Trust Well No. 4

TYPE OPERATION (Check One)
New Well: ☑
Workover: ☐
Deepening: ☐

LOCATION 7½' quad Alpine
County Overton
Carter Coordinates 2 (Section) S / 52 (Quad) E
Footage from Section Lines:
From S Line 1375 From W Line 2405
Lat: _____ Long. _____

INITIAL PRODUCTION
Oil (BBL/Day): 102 ☑ Pumping ☐ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (*API): _____

ELEVATION 836.2' (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 1175 Geophysical Log: _____

OPERATIONAL DATES
Date Commenced: 10/12 Date Drilling: 10/15/10
Date Completed: 10/22/10 Date Placed In Operation
Date Plugged: _____ (IF DRY HOLE) 10/22/10 (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: _____
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)
Sunnybrook	855'

DRILLING METHOD
Cable Tools from _____ to _____ (Depths)
Air
Rotary Tools
Conventional from _____ to _____ (Depths)
from _____ to _____
Contractor(s): _____
Address _____

WELL TREATMENT (Check Applicable Boxes)

			In open hole	Thru perforation
Shot _____ qts.	_____	interval	☐	☐
Shot _____ qts.	_____	interval	☐	☐
Acid 2000 gals.	850-860	interval	☑	☐
Acid _____ gals.	_____	interval	☐	☐
Fracture: _____ gals.	_____	interval	☐	☐
_____ lbs/Sand				
Fracture: _____ gals	_____	interval	☐	☐
_____ lbs/Sand				

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
7"	355'	80	NO

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DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO X

IMPORTANT: See Reverse Side

WELL PERMIT NO. 12093

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

DO NOT WRITE IN THIS SPACE
Fee $500 OK # 177323
Approval Date 9/24/2010
Approved By MM
Plat OK MM
Bond BL SC
API No. 41-133-72577

RH-012053546
500 RH-012053547

APPLICATION FOR PERMIT TO DRILL

1. Well operator: OVERTON OIL AND GAS, INC. Telephone: (214) 438-3904
2. Permanent address: 9330 LBJ SUITE 901 DALLAS TX 75243
3. Address for mailing permit:
4. Farm owner (lessor) or unit: MYRNA BAYER REVOCABLE TRUST Well no: 4
5. Farm owner's mailing address: 517 Ledford lane Alpine, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   1375' ~~FNL~~ (FSL) 2475' ~~FEL~~ (FWL) Sec. 1 Carter Quad 2 N(S) 52 E, W
8. Distance & direction from nearest town or postoffice: 1 m.w. of Ivyton School off ledford LANE
9. Ground elevation: 836.2' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other
12. Name of contractor: TALENT Drilling CO. INC.
13. Address: SO. HWY 127 ALBANY, KY 42602.
14. To be drilled by Rotary: ✓ Cable tools Combination
15. Distance from nearest property line; or unit line if unit: 690.44'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 475'
17. Single well bond: Cash Surety Blanket bond: Cash ✓ Surety
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☒

    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length 395
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size Length
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☒
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1
CN-0211 (Rev 6-93)

RDA 1910

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STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

WELL PERMIT NO. 12135

API Well No. _____
Field Name _____
CSD CLASS _____
(FOR STATE USE ONLY)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

COMPLETE AND FILE WITHIN 30 DAYS FROM THE DATE TOTAL DEPTH IS REACHED FOR EACH WELL DRILLED

WELL IDENTIFICATION Permit No. 12135
Operator: Overton Oil and Gas, Inc
Farm Name: Lucie Ricket Smith Well No. 16R

TYPE OPERATION (Check One)
New Well: ☑
Workover: ☐
Deepening: ☐

LOCATION 7 ½' quad Alpine
County Overton
Carter Coordinates _____ _____
(Section) S \ Quad / E
Footage from Section Lines:
From S Line _____ From W Line _____
Lat: _____ Long. _____

INITIAL PRODUCTION
Oil (BBL/Day): _____ ☐ Pumping ☐ Natural
Gas (MCF/Day): _____ ☐ Flowing ☐ After Treatment
Water (BBL/Day): _____ GOR _____
Hours Tested: _____ Choke Size: _____
Pressure Tubing: _____ ☐ Shut-In ☐ Flowing
Casing (in psi): _____ ☐ Shut-In ☐ Flowing
Disposition of Gas: ☐ Vented ☐ Fuel ☐ Sold
Oil Gravity (*API): _____

ELEVATION 964.5' (Ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 425' Geophysical Log: _____

OPERATIONAL DATES
Date Commenced: 2/15/11 Date Drilling: _____
Date Completed: 2/16/2011 Date Placed In Operation
Date Plugged: _____ _____
(IF DRY HOLE) (IF PRODUCING, INJECTION, ETC.)
Date Shut-In: _____
(IF SHUT-IN OR OTHER TEMPARILY SUSPENDED OPERATION)

PRODUCING INTERVAL

Formation Name(s)	Interval(s)

DRILLING METHOD
Cable Tools
from _____ to _____ (Depths)
Air
Rotary Tools
Conventional
from 0 to 425' (Depths)
from _____ to _____
Contractor(s): Talbert Drilling
Address 1411 South
Albany, KY

WELL TREATMENT (Check Applicable Boxes)

			In open hole	Thru perforation
Shot _____ qts.	_____ interval		☐	☐
Shot _____ qts.	_____ interval		☐	☐
Acid _____ gals.	_____ interval		☐	☐
Acid _____ gals.	_____ interval		☐	☐
Fracture: _____ gals.	_____ interval	_____ lbs/Sand	☐	☐
Fracture: _____ gals	_____ interval	_____ lbs/Sand	☐	☐

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical Induction, Sonic, Gamma Ray, Neutron, Density, etc.)

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	92'		yes
	well filled with cement		

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TYPE OF COMPLETION

		Shut In	Producing
Dry Hole	☑	n/a	n/a
Oil	☐	☐	☐
Gas	☐	☐	☐

Pressure Maintenance or Secondary Recovery
- Water Injection ☐
- Gas Injection ☐

Gas Storage:
- Injection-Extraction ☐
- Observation ☐

SERVICE WELL
- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐
- Other: ☐
  (if other describe type)

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depth-Top Base)	Formation	Remarks (Show of oil and/or gas, full up tests, Dist's. Corps, ETC.)

FORMATION RECORD

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
	425	Black Shale well filled with cement.			

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2010
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Permit Operator Signature: Donald Rudy

Affidavit

State of Tennessee Title Loan Support.
County of Overton

Subscribed and sworn to before me this 1st day of March, 20 11.

My commission expires 12/10/2013

Karrie Reeder Spears
Notary Public Signature

KARRIE REEDER SPEARS
STATE OF TENNESSEE NOTARY PUBLIC
OVERTON COUNTY

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[illegible] 7 2011
TN OIL & GAS BOARD

WELL PERMIT NO. 12135

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISON OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

Fee: $25 ck# 181395
Approval Date: 02-07-11
Approved by: MKB
Plat: –
Bond: SC
(DO NOT WRITE IN THIS BOX FOR STATE USE ONLY)

APPLICATION TO AMEND WELL PERMIT

Change of Proposed Location ✓ | Change to Directional Well ☐ | Change of Proposed Total Depth ☐
Change of Elevation ✓ | Change of Lease or Unit Name ☐

Description of Well as Permitted: Permit No. _____ Date Permitted 2-3-2011
Operator Overton Oil and Gas Inc
Permanent address 150 Eagle Creek Rd Monroe, TN 38573
Telephone No. 931-397-0315 Alt Telephone. 931-261-8386
Lessor or Unit Lonnie Richard Smith Well No. 16
County Overton Field _____
Location:
_____ Latitude _____ Longitude
Carter Coordinates
1400 ~~FNL~~ (FSL) 600 ~~FEL~~ (FWL) Sec 2 Carter Quad. 2 N (S) 52 (E) W
Elevation 964.5 Total Depth 1850
Deepest Formation to be tested Knox
Purpose of Well:
Oil ✓ Gas ✓ Injection ☐ Geologic test ☐ Other _____
Present Status of Well:
Under Construction ☐ Producing ☐ Abandoned ✓ Total Depth 0

Change of Proposed Location (revised plat required):
_____ Latitude _____ Longitude
Carter Coordinates
2125 ~~FNL~~ (FSL) 775 ~~FEL~~ (FWL) Sec 2 Carter Quad. 2 N (S) 52 (E) W

Change of Proposed Elevation:
New Elevation 1041.8 Reason for Change feel that new location is better.

Change of Proposed Total Depth:
New proposed Total Depth 1900' Deepest Formation to be Tested Knox

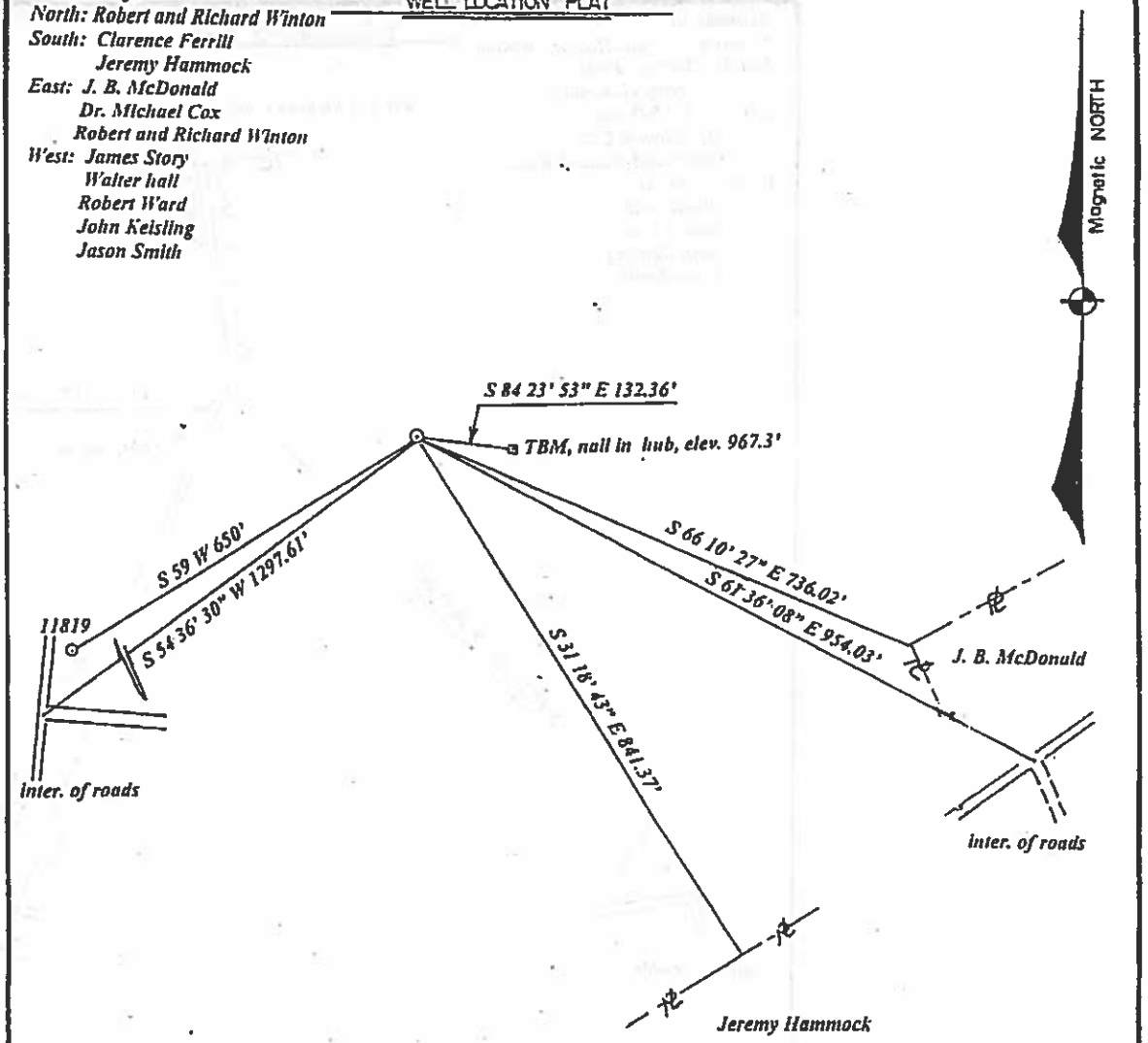
Proposed Change of Lease or Unit Name?
New Lease or unit name Same
Reason for change Same

Signature of Applicant [signature] Date: 2-3-11

CN-0228(Rev.08-10) Page 1 of 1 RDA-1910

Bounded By:
North: Robert and Richard Winton
South: Clarence Ferrill
Jeremy Hammock
East: J. B. McDonald
Dr. Michael Cox
Robert and Richard Winton
West: James Story
Walter hall
Robert Ward
John Keisling
Jason Smith

WELL LOCATION PLAT



Operator: Overton Oil and Gas, Inc.

Address: 150 Eagle Creek Road Monroe, Tennessee 38573

Well name and/or number: 16

Surface owner: Lonnie Richard Smith

County: Overton

Distance and direction from nearest town: Three miles southeast of Monroe off Winton Lane

Acreage in drillsite tract: 105.23 Ground elevation: 964.5'

0 200' 400'
GRAPHIC SCALE: 1" = 200'

Quadrangle Alpine, 1979

Sec. 2, 2 S 52 E

1400' FSL 600' FWL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

01/15/11

Michael W. Asberry, P.L.S. # 1653, Date

TENNESSEE NO 1653

600' FWL

1400' FSL

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WELL PERMIT NO. 12135

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISON OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
4th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

County:
Quad:
Carter's: Sec:
T: R:
FNL: FEL:
FSL: FWL:
LAT:
LONG:
(DO NOT WRITE IN THIS BOX FOR STATE USE ONLY)

Plug and Abandon Report

Notice: Must Be Filed Within 30 Days From Date Well Is Plugged

Operator: Overton Oil & Gas Telephone: Alt Phone:
Permanent Address:
Mailing Address:

Well Name: Lonnie Richard Smith Well Permit No. 16
Well Latitude: Well Longitude:
Well Total Depth: 500'

Was Well Filled With Cement? [X] Yes [ ] No Total Amount of Cement Used: 15 cubic yards

Please Indicate the Size, Kind, and Depth of all plugs used. Also indicate zones squeezed cemented, make certain to give the amount of cement in each zone.

Well was drilled through the blackshale, Hole was filled to top with cement.

Notice: You Must Have an Inspector Sign this form before it is considered complete.

Inspector's Signature: [signature] **Name(printed):** Jeff Patton

If this Well was Plugged back for use as a fresh water well, give all pertinent details of plugging operation to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach a notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

[signature]

I hereby attest and affirm that the information included on or associated with this certification is true and accurate to the best of my knowledge. I hereby authorize the State of Tennessee to make any contacts for verification of any information included on or with this certification.
Please attach additional sheets if necessary.

Operator's Signature: [signature] **Name(printed):** [illegible]
Date: Feb 14 2011

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO ✓

IMPORTANT: See Reverse Side

WELL PERMIT NO. 12161

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

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TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE
Fee $500 CK # 1280
Approval Date 4/25/2011
Approved By [illegible]
Plat [illegible]
Bond [illegible] SC SL
API No. 41-133-22410

RH-0120

APPLICATION FOR PERMIT TO DRILL

1. Well operator: HORNET CORPORATION Telephone: (615) 590-0910
2. Permanent address: 130 MAPLE DR. N. HENDERSONVILLE, TN 37075
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: RONALD Lee Smith Well no: 2
5. Farm owner's mailing address: 481 WINTON LN ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   1350' (FNL), ~~FSL~~ 1280' ~~FEL~~, (FWL) Sec. 1 Carter Quad 2 N.(S) 52 (E) W
8. Distance & direction from nearest town or postoffice: 3 m. NE OF ALPINE off WINTON LN.
9. Ground elevation: 883.3' Proposed total depth: 2500'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other
12. Name of contractor: TALLENT DRILLING CO. INC.
13. Address: SO. HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools ____ Combination ____
15. Distance from nearest property line; or unit line if unit: 206.01
16. Distance to nearest well, regardless of Status (within 3000 ft.) 499.59
17. Single well bond: Cash ____ Surety ____ Blanket bond: Cash ____ Surety ____
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☐
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size ____ Length ____
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size ____ Length ____
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1 RDA 1910

CN-0211 (Rev 6-93)

Bounded By:
North: Roanld Hull
South: James Randy Smith
Lynda Anderson
East: Lynda Anderson
West: Estelle Smith

WELL LOCATION PLAT

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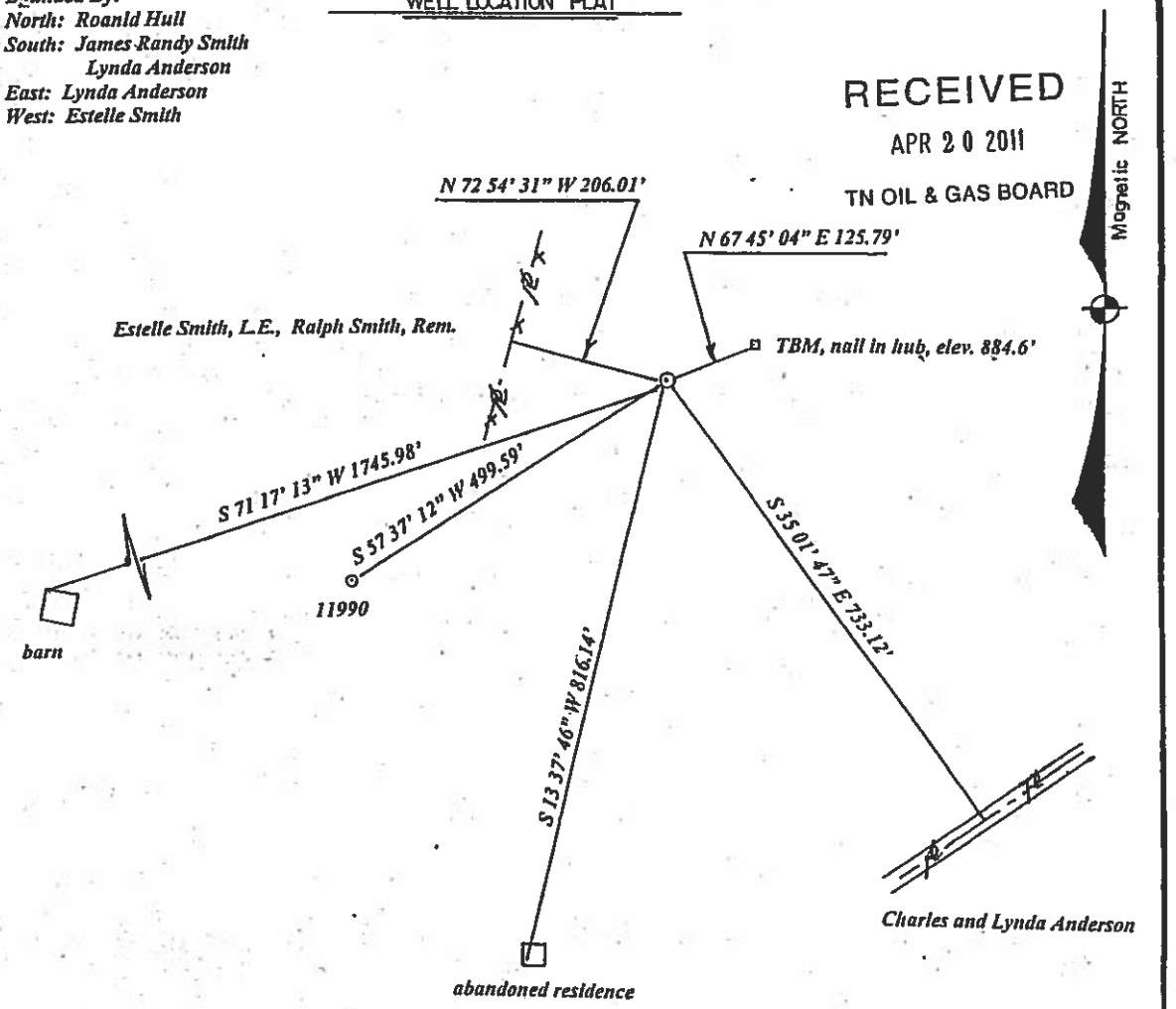
TN OIL & GAS BOARD



Operator: Hornet Corporation

Address: 130 Maple Ave. N. Hendersonville, Tennessee 37075

Well name and/or number: 2

Surface owner: Ronald lee Smith

County: Overton

Distance and direction from nearest town: Three miles northeast of Alpine off Winton Lane

Acreage in drillsite tract: 69 Ground elevation: 883.3'

0 200' 400'
GRAPHIC SCALE: 1"=200'

Quadrangle Alpine, 1979

Sec. 1, 2 S 52 E

1350' FNL 1280' FWL

1350' FNL

1280' FWL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

M. W. ASBERRY REGISTERED LAND SURVEYOR XVI TENNESSEE NO. 1653

03/30/11

Michael W. Asberry, P.L.S. # 1653, Date

drilled?

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO Y

IMPORTANT: See Reverse Side

WELL PERMIT NO. 12175

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

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MAY 25 2011
TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE
Fee 500 CK # 183930
Approval Date 6/6/2011
Approved By
Plat OC
Bond BC SC
API No. 41-133-22416

RH- 012079467 500

APPLICATION FOR PERMIT TO DRILL

1. Well operator: OVERTON OIL AND GAS INC. Telephone: (931) 397-0315
2. Permanent address: 150 EAGLE CREEK RD MONROE, TN 38573
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: ESTELLE SMITH L.E. RALPH SMITH REM. Well no: 3
5. Farm owner's mailing address: 595 WINTON LN ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   1550' FNL, FSL 810' ~~FEL~~ FWL Sec. 1 Carter Quad 2 N,S 52 E W
8. Distance & direction from nearest town or postoffice: 3 mi. NE OF ALPINE OFF WINTON LN.
9. Ground elevation: 864.7' Proposed total depth: 2500'
10. Name of deepest geological formation to be tested: ____
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other ____
12. Name of contractor: TALLENT DRILLING CO. INC.
13. Address: SU HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools ____ Combination ____
15. Distance from nearest property line; or unit line if unit: 200.26'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 157.57'
17. Single well bond: Cash ____ Surety ____ Blanket bond: Cash ✓ Surety ____
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☑

    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length 420'
    ____ (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size ____ Length ____
    ____ (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1 RDA 1910
CN-0211 (Rev 6-93)

P#12175

WELL LOCATION PLAT

Bounded By:
North: Barry Johnson
Ronald Hull
South: James Randy Smith
East: Ronald Lee Smith
West: Richard Winton
Ronald Smith

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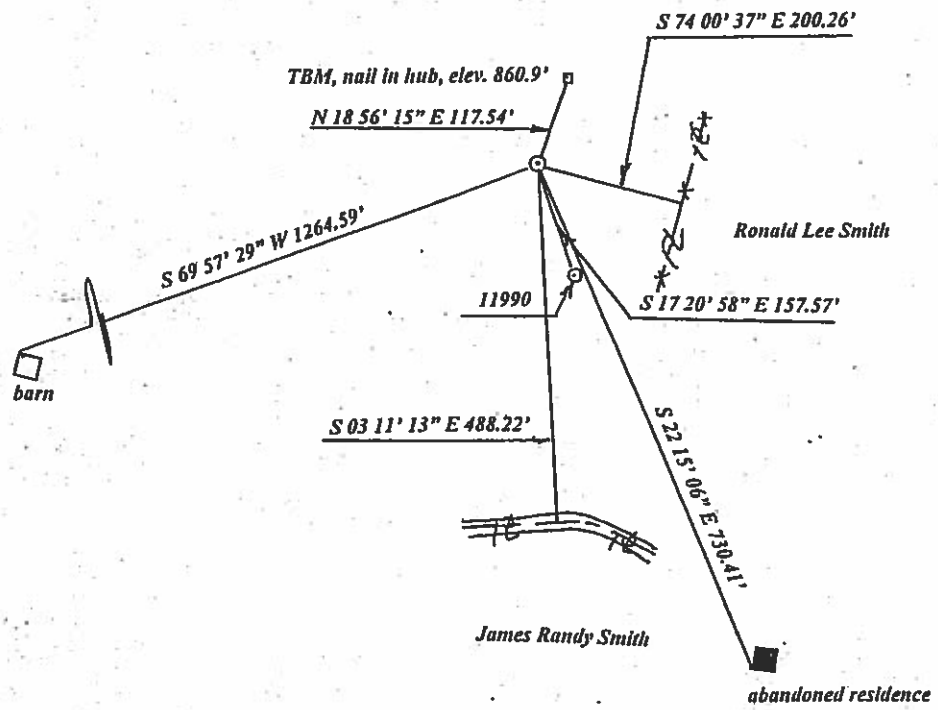
TN OIL & GAS BOARD



Operator: *Overton Oil and Gas, Inc.*

Address: *150 Eagle Creek Road Monroe, Tennessee 38573*

Well name and/or number: *3*

Surface owner: *Estelle Smith, L. E. Ralph Smith, remainder*

County: *Overton*

Distance and direction from nearest town: *Three miles northeast of Alpine off Winton Lane*

Acreage in drillsite tract: *58* Ground elevation: *864.7'*

0 200' 400'
GRAPHIC SCALE: 1"=200'

Quadrangle *Alpine, 1979*

Sec. *1*, *2* S *52* E

1550' (FNL) *810'* (FWL)

1550' FNL

810' FWL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

05/20/11

Michael W. Asberry, P.L.S. # 1653, Date

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL AND GAS BOARD
6th FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

API Well No. _____
Field Name _____
CSD Class _____ (For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION Permit No. 11990
Operator: Cullen Oil & Gas Inc.
Farm Name: Estelle & Ralph Smith
Well No. Unit #1

TYPE OPERATION (Check One)
New Well ✓
Workover
Deepening

LOCATION 7 1/2' quad: Alpine
County: Overton
Carter Coordinates: 1 2 (Section) (S) 52 (E) Quad
Footage from Section lines: 850 from S line W; 1700 from W line N

ELEVATION 889 (ground) _____ (D.F.) (K.B.)

TOTAL DEPTH Driller's Log 1205'
Geophysical Log _____

OPERATIONAL DATES
Date Commenced 11/20/09
Date Drilling Completed _____
Date Plugged (IF DRY HOLE) 2/10
Date Placed in Operation _____ (IF PRODUCING, INJECTION, ETC.)
Date Shut-in 12/31/09 (IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable Tools from _____ to _____ (Depths)
Rotary Tools
Conventional-from _____ to _____
Air-from 0 to 1205 (Depths)
CONTRACTOR(S): Tollett Drilling
Address: Box 482, Albany, Ky 42602

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)

TYPE OF COMPLETION
Dry Hole ✓
Oil
Gas
D&A
Pressure Maintenance or Secondary Recovery
Water Injection
Gas Injection
Gas Storage:
Injection-Extraction
Observation

Shut-in or Producing

SERVICE WELL:
Saltwater Disposal
Water Supply
Observation Well

Other

INITIAL PRODUCTION
Oil (bbl/day)
Gas (MCF/day)
Water (bbl/day)
Pumping / Flowing / Natural / After treatment
GOR
Hours tested
Pressure: Tubing (in psi) Casing
Disposition of gas (State whether vented, used for fuel, or sold)
Oil Gravity (°API)
Choke size _____ shut-in / shut-in flowing / flowing

PRODUCING INTERNAL
Formation Name(s) Interval(s)

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OCT 04 2010
TN OIL & GAS BOARD

WELL TREATMENT (check applicable boxes)
Shot _____ qts. _____ interval in open hole / Thru perforation
Shot _____ qts. _____ interval
Acid _____ gals. _____ interval
Acid _____ gals. _____ interval
Fracture _____ gals. _____ interval _____ lbs/sand
Fracture _____ gals. _____ interval _____ lbs/sand

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	141'	15	NO
7	430'	80	NO

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths-Top Base)	Formation	Remarks (Shows of oil and/or gas, full up tests, Dist's, Corns, Etc.)

(See reverse side)

RDA 22

CN-0221

Executed this the 1st day of October 2010

State of Tennessee }
County of Overton }

Donald Reedy
Signature of Affiant

Donald Reedy known to me to

Before me, the undersigned authority on this day personally appeared be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 1st day of October 2010

Lisa Hauser
Notary Public in and for Overton County

My commission expires 04.09.2011

STATE OF TENNESSEE NOTARY PUBLIC OVERTON COUNTY

FORMATION RECORD
Permit No. 11990

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	140	Soil clay boulders & Caves set 141' 9 5/8			
140	260	grey limestone			
260	295	gran shaley limestone			
395	428	Black shale set 431' 7" Casing			
428	635	black dolomite water @ 450-500-600 Squeeze Job @ 455 shut water off			
635	840	brown dolomite and limestone interbedded water at 725-840 sulfur Squeeze Job @ 840 200 SKS			
840	910	black Brown dolomitic limestone water at 920			
910	920	mudd Cave			
930	935	pencil Cave			
935	1205	Tan limestone Stones River water 1100-1150 sulfur			

To 1205

?

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO X

IMPORTANT: See Reverse Side

WELL PERMIT NO. 11990

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

DO NOT WRITE IN THIS SPACE
Fee 500 CK #162299
Approval Date 11/3/09
Approved By [illegible]
Plat OK
Bond SC SC
API No. 40-133-22344

RECEIVED
OCT 30 2009
OIL & GAS BOARD

RH-01202 1121

APPLICATION FOR PERMIT TO DRILL

1. Well operator: OVERTON OIL AND GAS, INC. Telephone: (214) 438-3904
2. Permanent address: 9330 LBJ SUITE 901 DALLAS, TX 75243
3. Address for mailing permit:
4. Farm owner (lessor) or unit: ESTELLE SMITH L.E. RALPH SMITH, Rem. Well no: UNIT #1
5. Farm owner's mailing address: 595 WINTON LN ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   1700' (FNL) ~~FSL~~ 850' ~~FEL~~ (FWL) Sec. 1 Carter Quad 2-N(S) 52 (E) ~~W~~
8. Distance & direction from nearest town or postoffice: 3m. NE OF ALPINE OFF WINTON LANE
9. Ground elevation: 877.1' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other
12. Name of contractor: TALLENT DRILLING CO.
13. Address: SO. HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools Combination
15. Distance from nearest property line; or unit line if unit: 107.22'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 375'
17. Single well bond: Cash Surety Blanket bond: Cash ✓ Surety
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☑
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length 360'
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size Length
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

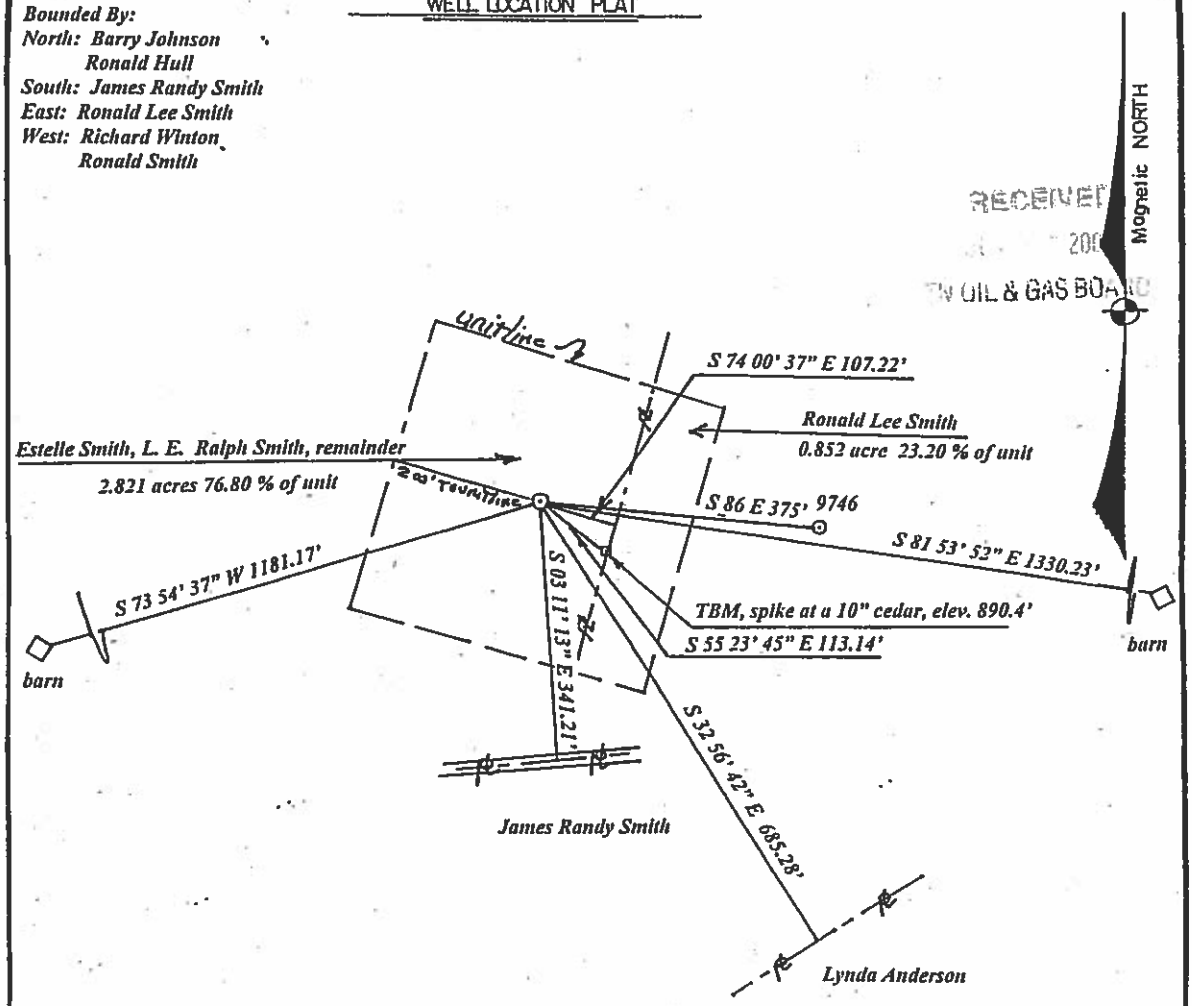
Form P-AD-1 RDA 1910
CN-0211 (Rev 6-93)

Permit # 11990

WELL LOCATION PLAT

Bounded By:
North: Barry Johnson
Ronald Hull
South: James Randy Smith
East: Ronald Lee Smith
West: Richard Winton
Ronald Smith

RECEIVED
200
TN OIL & GAS BOARD



Total area of unit 3.673 acres.

Operator: *Overton Oil and Gas, Inc.*

Address: *9330 LBJ Suite 901 Dallas, TX 75243*

Well name and/or number: *unit 1*

Surface owner: *Estelle Smith, L. E. Ralph Smith, remainder*

County: *Overton*

Distance and direction from nearest town: *Three miles northeast of Alpine off Winton Lane*

Acreage in drillsite tract: *58* Ground elevation: *877.1'*

0 200' 400'
GRAPHIC SCALE: 1"=200'

Quadrangle *Alpine, 1979*

Sec. *1* *2* S *52* E

1700' FNL *850'* FWL

1700' FNL

850' FWL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

10/22/09

Michael W. Asberry, P.L.S. # 1653, Date

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO ✓

IMPORTANT: See Reverse Side

WELL PERMIT NO. 11268

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

RECEIVED
APR 14 2008
TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE
Fee #150 CK# 5170
Approval Date 4/17/08
Approved By
Plat
Bond
API No. 41 - 133 - 22283

7/13/11

APPLICATION FOR PERMIT TO DRILL

1. Well operator: Overton Oil & Gas Telephone:
2. Permanent address: 370 S. Lewis Ave. Suite A #385 Cookeville, TN 38501
3. Address for mailing permit: (same)
4. Farm owner (lessor) or unit: Richard Smith Well no: Johnny B #2
5. Farm owner's mailing address: 5406 Wakefield Dr. Nashville, TN 37220
6. County: Overton 7-1/2' Topo. Quad.(Name) Alpine
7. Carter Coordinates:
   464 ~~FNL~~ (FSL) 1016 ~~FEL~~ (FWL) Sec. 1 Carter Quad 2 ~~N~~ (S) 52 (E) ~~W~~
8. Distance & direction from nearest town or postoffice: 2.13 miles NE of Alpine
9. Ground elevation: 891 Proposed total depth: 2000
10. Name of deepest geological formation to be tested: Knox
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas
    Other
12. Name of contractor: Tennessee Rotary Drilling
13. Address: 2269 Hilham Hwy Livingston, TN 38570
14. To be drilled by Rotary: ✓ Cable tools Combination
15. Distance from nearest property line; or unit line if unit: 353.43'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 1500
17. Single well bond: Cash ✓ Surety Blanket bond: Cash Surety
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☑
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length 400'
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size Length
    N/A
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address:

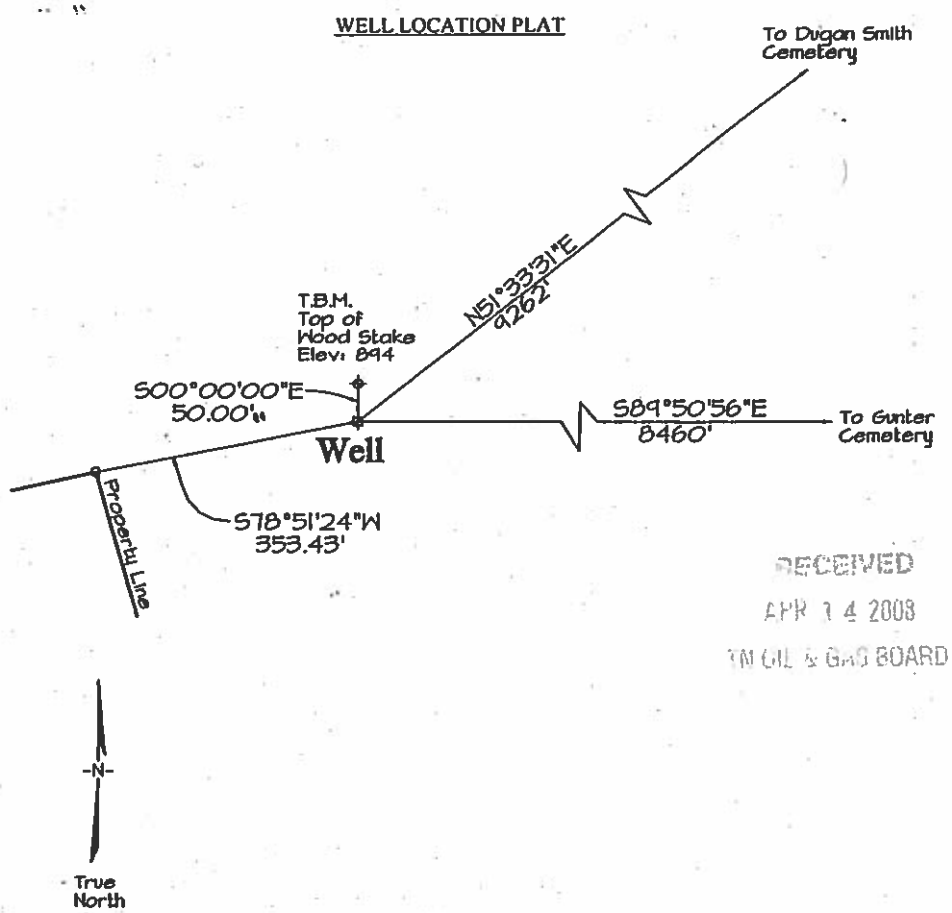
Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1
CN-0211 (Rev 6-93)

RDA 1910

WELL LOCATION PLAT



RECEIVED
APR 14 2008
TN OIL & GAS BOARD

GRAPHIC SCALE 1"=200'

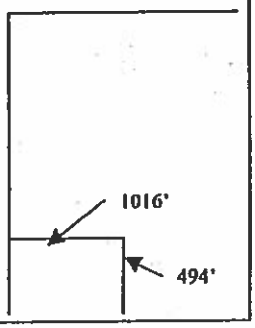
0 200 400 600

Operator: Overton Oil & Gas
Address: 370 South Lowe Ave. Suite A # 385, Cookeville TN 38501
Well Name and/or Number: Johnny B #2
Surface Owner: Richard Smith
Quadrangle: Alpine
County: Overton State: Tennessee
Sec. 1 2 S 52 E
Distance and Direction from Nearest Town: 2.13 miles Northeast of Alpine.
464' FSL 1016' FWL
Acreage in Drill Site Tract: 140
Ground Elevation: 891
Survey and Plat by:
Clinton Surveying Services
380 South Lowe Avenue Suite 6
Cookeville, Tennessee 38501 ph.(931) 372-0427

GRADY C PHILLIPS
REGISTERED LAND SURVEYOR
AGRICULTURE
COMMERCE
No. 2468
STATE OF TENNESSEE

I HEREBY CERTIFY THIS PLAT TO BE TRUE AND ACURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 4/5/08 DRAWING NO. 07-370



1-2S-52E

RECEIVED

JAN 1 4 2004

TN OIL & GAS BOARD

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
401 CHURCH ST - 13th FLOOR
NASHVILLE, TN 37243-0445

API Well No _____
Field Name _____
SD Class _____
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED

NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION
Operator: Ohio Ky Oil Corp. Permit No 10258
Farm Name: Faye Hill Well No. 2

TYPE OPERATION (Check One)
New Well ☒
Workover ☐
Deepening ☐

LOCATION 71/2 quad Alpine
County: Overton
Carter Coordinates: 1 (Section) 2S (N or S) 52E (E or W) Quad
Footage from Section Lines: 2975' from N line 825' from E line

ELEVATION 878' (ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log NA Geophysical Log 1885'

OPERATIONAL DATES
Date Commenced 12-12-03 Date Drilling Completed 12-17-03
Date TBD (IF DRY HOLE) Date Placed In Operation _____ (IF PRODUCING, INJECTION, ETC.)
Date Shut-In _____
(IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable Tools Rotary Conventional -from _____ to _____
Tools from _____ to _____ (Depths) Air-from 0 to 1885' (Depths)
CONTRACTOR(S): Tn Rotary
Address: Po Box 90
Hilham, TN

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, Induction, sonic, gamma ray, neutron, density, etc.)
GR/CN/CD/DT
(log attached)

TYPE OF COMPLETION
Dry Hole ☑
Oil ☐
Gas ☐
Pressure Maintenance or Secondary Recovery
Water Injection ☐
Gas Injection ☐
Gas Storage:
Injection - Extraction ☐
Observation ☐

Shut-in or Producing _____

SERVICE WELL:
Saltwater Disposal ☐
Water Supply ☐
Observation Well ☐

Other _____

INITIAL PRODUCTION
Oil (bbl /day) _____ ☐ Pumping ☐ Natural
Gas (MCF/day) _____ ☐ Flowing ☐ After treatment
Water (bbl/day) _____ GOR _____

Hours tested _____ Choke size _____
Pressure: Tubing _____ ☒ shut-in ☐ flowing
(In psi) Casing _____ ☐ shut-in ☐ flowing
Disposition of gas _____
(State whether vented, used for fuel, or sold)
Oil gravity ('API) _____

PRODUCING INTERNAL

Formation Name(s)	Interval(s)

WELL TREATMENT (check applicable boxes)

		In open hole	Thru perforation
Shot _____ qts.	Interval	☐	☐
Shot _____ qts.	Interval	☐	☐
Acid _____ gals.	Interval	☐	☐
Acid _____ gals.	Interval	☐	☐
Fracture _____ gals. _____ lbs/sand	Interval	☐	☐
Fracture _____ gals. _____ Lbs / sand	Interval	☐	☐

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
7"	350'	75	No

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths-Top Base)	Formation	Remarks (Shows of oil and/or gas, full-up tests, Dist's. Corps, Etc.)

Form R WH-1
CN-0221

(See reverse side)

Executed this the 22nd day of December 20 03

State of Ky }

County of Fayette }

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared John H Barksdale known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct,

Subscribed and sworn to before me this 22nd day of December 2003

SEAL

MY Commission expires 3-12-06

Notary Public In and for Fayette County Ky

FORMATION RECORD
Permit No. 10258

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)
		Log Attached			

IMPORTANT: See Reverse Side

WELL PERMIT NO. 10258

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT & CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13TH FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

DO NOT WRITE IN THIS SPACE
Fee $25.00
Approval date 5/14/04
Approved by
Plat —
Bond SC SC

RECEIVED
MAY 04 2004
TN OIL & GAS BOARD

APPLICATION TO CHANGE OPERATORS

PART I-TO BE COMPLETED BY OLD (ORIGINAL) OPERATOR

Description of Well as Permitted:

Permit No. 10258 Date permitted 12-12-03

Operator Ohio Ky Oil Corp

Permanent address 110 E. Lowry Ln

Lex Ky 40503 Telephone No. 8592763500

Lessor or Unit Faye Hill Well No. 2

County Overton Field

Carter Coordinates:
2975 (FNL) FSL 825 (FEL) FWL Sec 1 Carter Quad. 2 N.S. 520 E.W.

Elevation 877.9' Proposed total depth

Deepest Formation to be tested Knox

Purpose of well:

Oil Gas Injection Geologic test Other Domestic gas

Rotary tools Cable tools

Proposed or actual casing program 350' of 7"

Present Status of Well:

Location Drilling Producing Abandoned Total depth 1885

Have all samples and well data been filed with the State Oil and Gas Supervisor? ~~Yes~~ ~~No~~ NA

Has operator (old) compiled with all requirements of the State Oil and Gas Board on this operation? (Yes) No

If answer to either of above questions is no, explain:

SIGNATURE OF OLD OPERATOR

See Reverse Side

N-0237

RDA-1910

PART II-TO BE COMPLETED BY NEW OPERATOR

Operator (New): Faye Hill

Permanent address: 217 Joppa Rd Alpine Tn 38543

Telephone No. 931-823-2714

Has organization report been filed? Yes (No)

Bond Status:

Single well: Cash - CD Surety

Blanket: Cash Surety

Is operator in violation of any State regulations on other operations?

Yes (No)

What are plans of new operator for completing or producing well Home use only

(X) Faye Hill

SIGNATURE OF NEW OPERATOR

Part III-TO BE COMPLETED BY OLD OPERATOR AND NEW OPERATOR

It is requested that Well Permit No. 10258 be transferred from Oh Ky Oil Corp (old operator) to Faye Hill (new operator). It is understood that the new operator is bound by all statements made by the old operator on the original permit application.

SIGNATURE OF OLD OPERATOR

(X) Faye Hill

SIGNATURE OF NEW OPERATOR

AFFIDAVIT (OLD OPERATOR)

STATE OF Ky

County of Fayette

Before me, the undersigned authority, on this day personally appeared John H Barksdale, known to me to be the person whose name is subscribed to the above application for amending of permit, who being duly sworn on oath, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 3rd day of May, 2004

My commission expires 3-12-06

Deanna McDowell

AFFIDAVIT (NEW OPERATOR)

STATE OF Tn

County of Overton

Before me, the undersigned authority, on this day personally appeared Faye Hill, known to me to be the person whose name is subscribed to the above application for amending of permit, who being duly sworn on oath, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 26th day of April, 2004

My commission expires 5/11/05

Randy Dodson

RECEIVED

DEC 0 2 2003

TN OIL & GAS BOARD

WELL PERMIT NO. 10258

DO NOT WRITE IN THIS SPACE
SAMPLES REQUIRED: YES_____ NO_____

IMPORTANT: See Reverse Side

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13 TH FLOOR, L & C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

DO NOT WRITE IN THIS SPACE
Fee $100.00
Approval Date 12/12/03
Approved By [illegible]
Plat [illegible]
Bond BG SS
API No. 41-133-21896

APPLICATION FOR PERMIT TO DRILL

1. Well operator: Ohio Ky Oil Corp Telephone: 859-276-3500
2. Permanent address: 110 E. Lowry Lane Lexington KY 40503
3. Address for mailing permit: Same as above
4. Farm owner (lessor) or unit: Faye Hill Well no: 2
5. Farm owner's mailing address: 217 Jappa Rd Alpine TN 38543
6. County: Overton Co TN 7-1/2' Topo. Quad. (Name) Alpine
7. Carter Coordinates:
   1975' FNL, ~~FSL~~ 825' FEL, ~~FWL~~ Sec. 1 Carter Quad. 2 ~~N~~, S 52 E, ~~W~~
8. Distance & direction from nearest town or postoffice: one mile NW of Ivyton off Jappa Rd
9. Ground elevation: 877.9' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: Knox
11. This proposed well is to be drilled for the following purpose:
    Oil XXX Gas_____
    Other_____
12. Name of contractor: Tn Rotary
13. Address: Po Box 90 Hilham TN
14. To be drilled by Rotary: ✓ Cable tools_____ Combination_____
15. Distance from nearest property line; or unit line if unit: 723.14'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 885.14'
17. Single well bond: Cash_____ Surety_____ Blanket bond: Cash_____ Surety ✓
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☑

Surface Casing: (Surface casing program shall comply with Chap II, Sec. 7 of Gen. Rules and Regulations)

19. Surface casing program for rotary rig: Size 7" Length 350' +/-
    _____ (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size_____ Length_____
    _____ (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☑

Coal owners and addresses:_____

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined?

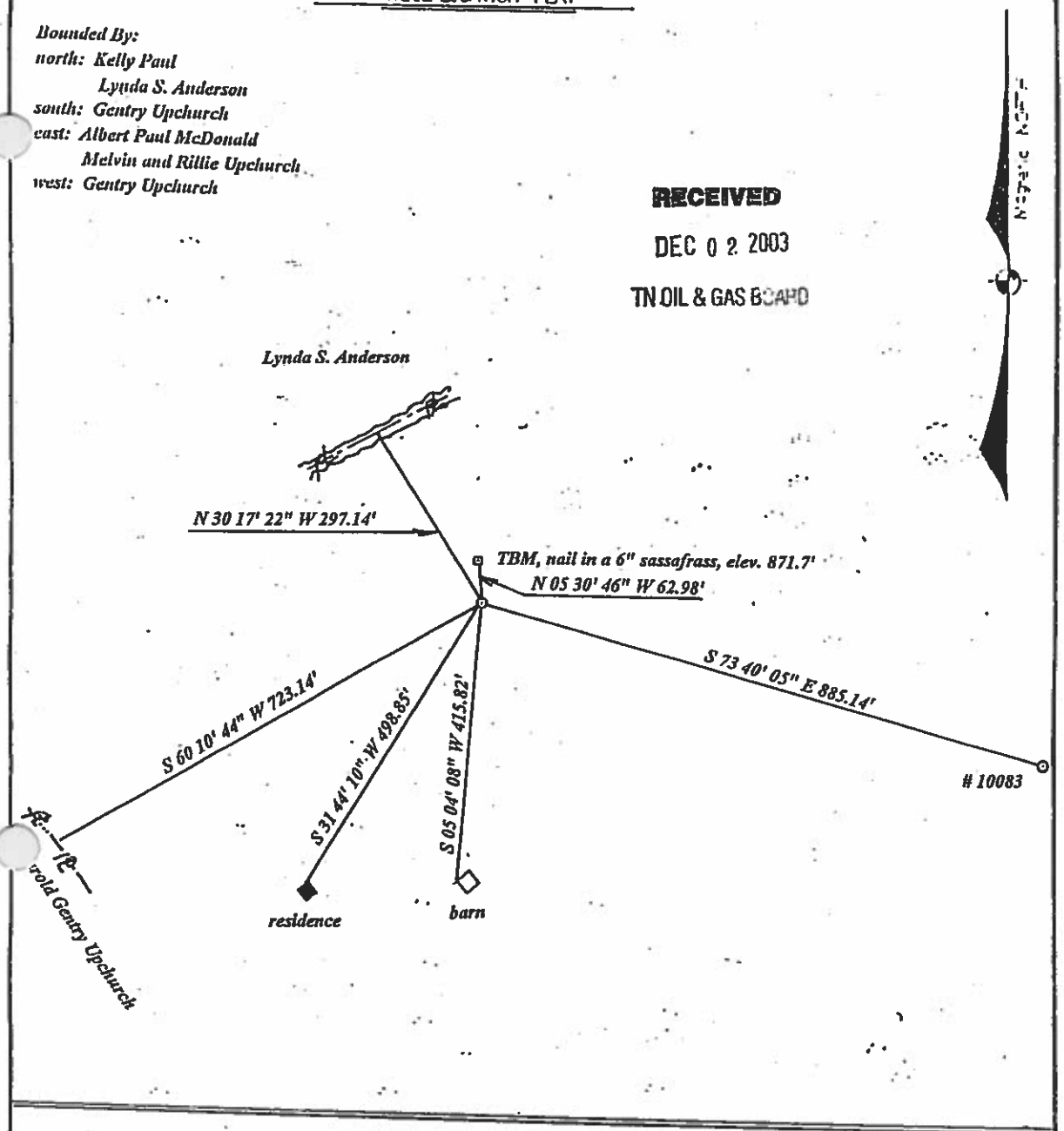
Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators named herein.

WELL LOCATION PLAT

Bounded By:
north: Kelly Paul
Lynda S. Anderson
south: Gentry Upchurch
east: Albert Paul McDonald
Melvin and Rillie Upchurch
west: Gentry Upchurch

RECEIVED
DEC 0 2 2003
TN OIL & GAS BOARD



Operator: *Ohio-Ky Oil Corporation*

Address: *110 East Lowry Lane Lexington, Kentucky 40503*

Well name and/or number: *2*

Surface owner: *Fay Hill*

County: *Overton*

Distance and direction from nearest town: *One mile northwest of Ivyton on the Joppa Road*

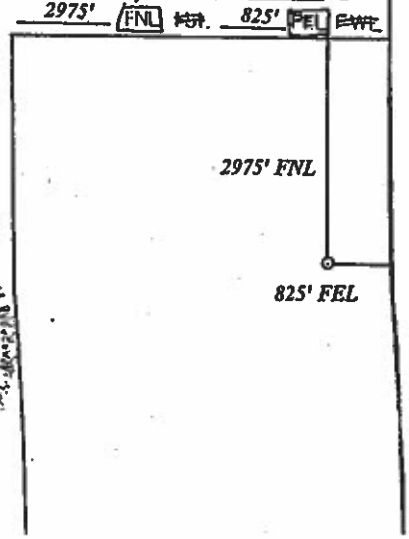
Acreage in drillsite tract: *56* Ground elevation *877.9'*

0 200 400'
GRAPHIC SCALE 1"=200'

Quadrangle *Alpine, 1979*

Sec. *1*, *2* S *52* E

2975' FNL ~~FSL~~ *825'* FEL ~~FWL~~



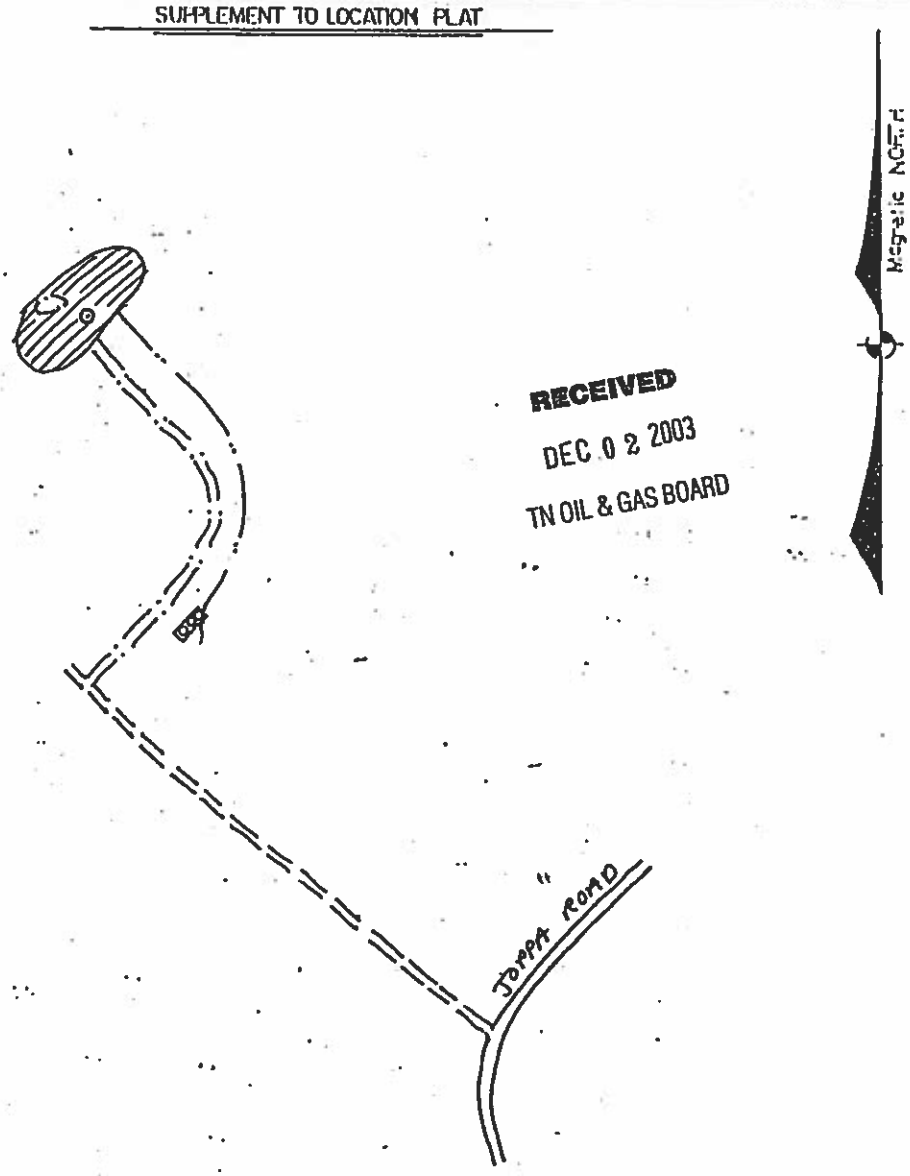
Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

11/14/03

Michael W. Asberry, P.L.S. # 1653, Date

SUPPLEMENT TO LOCATION PLAT



RECEIVED
DEC 0 2 2003
TN OIL & GAS BOARD

Operator: *Ohio-Ky Oil Corporation*

Address: *110 East Lowry Lane Lexington, Kentucky 40503*

Well name and/or number: 2

Surface owner: *Fay Hill*

217 Joppa Road

Alpine, Tennessee 38543

0 200' 400'
GRAPHIC SCALE: 1" = 200'

LEGEND:

- Paved road
- Improved road
- Unimproved road
- Access road
- Well Location
- Tank battery
- Flow line
- Pit
- Disturbed area
- Residence
- Barn

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

11/14/03

Michael W. Asberry, P.L.S. # 1653, Date

LICENSED NO 1653

TENNESSEE WELL SUMMARY TICKET

PERMIT # *10258*			API # *41-133-21896*
APPROVED: *12/12/2003*	FIELD NAME:	DEVEL ☐ EXPLOR ☐ NFW ☒ OP ☐	REPORT DATE: *09/2011*
FARM NAME / WELL #: *Faye Hill #2*		OPERATOR: *Hill, Faye*	
COUNTY: *Overton*	QUAD NAME: *Alpine*	CARTER COORD'S: *1-2S-52E*	*2975 FNL, 825 FEL*
ELEVATION: *877.9*	SPUD DATE: *12/12/2003* TD DATE: *12/17/2003*	PROP TD: *2000*	ACTUAL TD: *1885 (L: 1885)* TD FORM: *KNOX*

	TN COORD'S	LATITUDE	LONGITUDE
NAD 27:	*735060 North - 2244410 East*	*36° 24' 30.6"*	*85° 10' 10.1"*
NAD 83:	*N/A*	*N/A*	*N/A*

WELL HISTORY: *Yes - Received 1/14/2004*

SAMPLES SUBMITTED: *No*

SAMPLES PROCESSED: *No*

SAMPLE STUDY: *No* PLUG & ABANDON REPORT: *No*

SAMPLES: LETTER ON FILE ☐ DISCARDED ☐ LOST ☐

INITIAL POTENTIAL: *NCG - Domestic - 0 BOPD, 0 MCF/D - 0 Hour Oil Test, 0 Hour Gas Test*

CASING RECORD: *7" @ 350' w/75 sks*

GEOPHYSICAL LOGS: *Yes - Received 1/14/2004 - Log Types: CAL/D/GR/NPR/T Log Range: 20-1883*

COMMENTS:

FORMATION TOP INCEPTIONS (BY SOURCE):

FROM GEOLOGIST			FROM SAMPLE S			FROM GEOPHYSICAL LOGS		
						FORMATION	WELL HIST	

CHANGES AND OTHER INFORMATION ON FILE

DATE	DESCRIPTION
5/11/2004	*Op Chg, Was: Ohio Kentucky Oil Corporation*

SHOW / PAY ZONES

FORMATION	TYPE	RANGE
STRV	*Gas Show*	*1390' - 1400'*

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES ✓ NO ____

IMPORTANT: See Reverse Side

WELL PERMIT NO. 10101

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13TH FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

RECEIVED
JUN 13 2003
TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE
Fee $150.00 CK 5160
Approval Date 6/25/03
Approved By MLM
Plat OK
Bond SC
API No. ____

APPLICATION FOR PERMIT TO DRILL

1. Well operator: BASIN OIL AND GAS CORPORATION Telephone: 1(877) 524-1444
2. Permanent address: 207-C EAST REYNOLDS ROAD LEXINGTON, KY 40517-1275
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: ~~ALCHIN~~ MYRNA BAYER Well no: 1
5. Farm owner's mailing address: 517 LEDFORD LN, ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad. (Name) ALPINE, 1979
7. Carter Coordinates:
   1050' ~~FNL~~, FSL 2150' ~~FEL~~, FWL Sec. 1 Carter Quad. 2 ~~N~~, S 52 ~~E~~, W
8. Distance & direction from nearest town or postoffice: 1 mi. W. OF IVYTON SCHOOL OFF LEDFORD LN
9. Ground elevation: 848.7' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ____
    Other ____
12. Name of contractor: TALLENT DRILLING, INC.
    Address: SO. HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools ____ Combination ____
15. Distance from nearest property line; or unit line if unit: 399.14'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 489.68'
17. Single well bond: Cash ____ Surety ____ Blanket bond: Cash ____ Surety ✓
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☒
    Surface Casing: (Surface casing program shall comply with Chap II, Sec. 7 of Gen. Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" - 9 5/8 Length 345' - 60
    ____ (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size ____ Length ____
    ____ (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐
Coal owners and addresses: ____
N/A

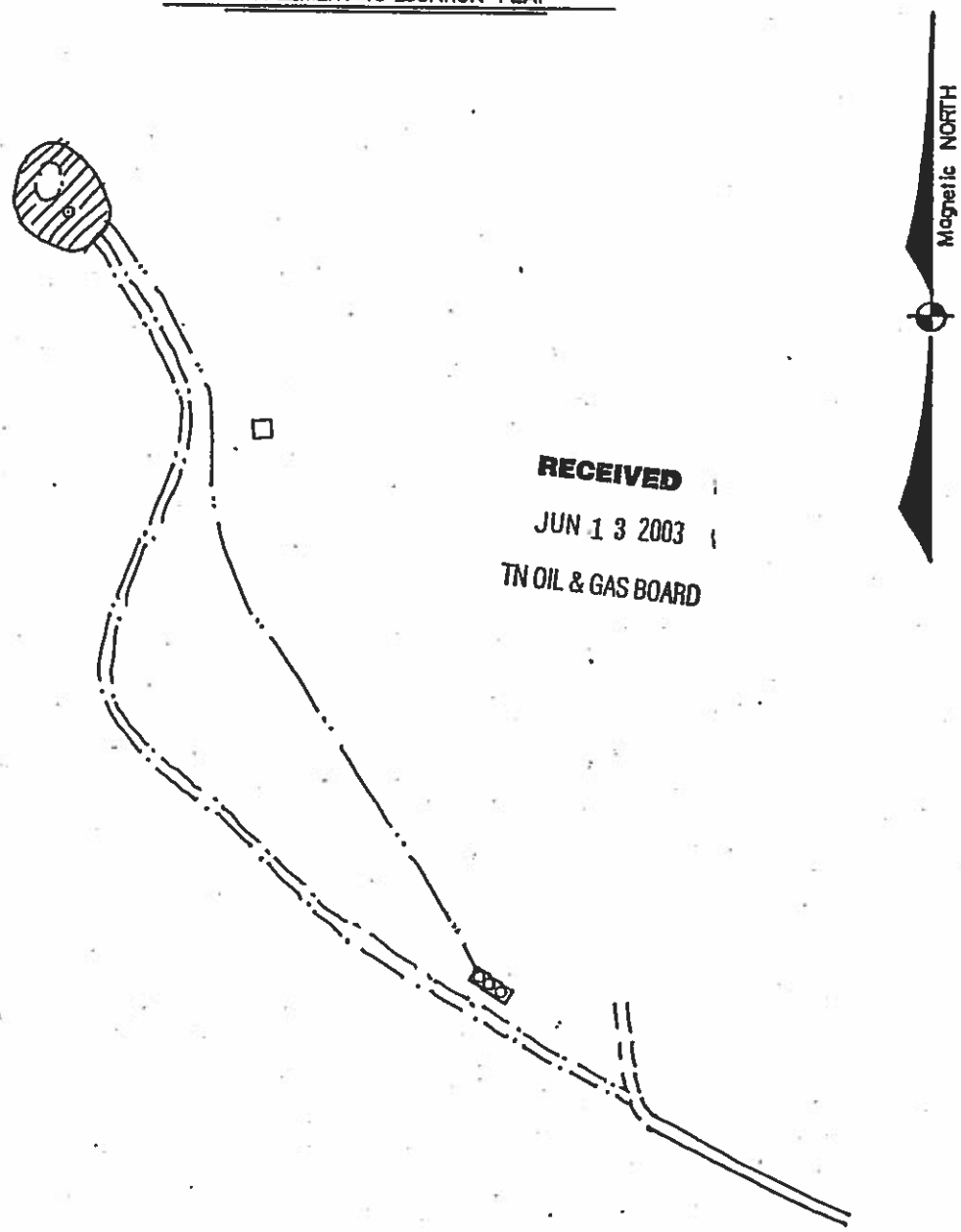
Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined?
Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators named herein.

CN-0211 (Rev. 6-93)

RDA 1910

SUPPLEMENT TO LOCATION PLAT



RECEIVED
JUN 1 3 2003
TN OIL & GAS BOARD

Operator: *Basin Oil and Gas Corporation*

Address: *207-C East Reynolds Road Lexington, Kentucky 40517-1275*

Well name and/or number: *1*

Surface owner: *MYRNA Melvin Bayer*

517 Ledford Lane

Alpine, Tennessee 38543

0 200' 400'
GRAPHIC SCALE: 1"=200'

LEGEND:
- Paved road
- Improved road
- Unimproved road
- Access road
- Well Location
- Tank battery
- Flow line
- Pit
- Disturbed area
- Residence
- Barn

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3053
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

05/02/03

Michael W. Asberry, P.L.S. # 1653, Date

MICHAEL W. ASBERRY REGISTERED LAND SURVEYOR TENNESSEE NO. 1653

County OVERTON
Quad ALPINE
Carter's 1 T2S R52E
FNL _____ FEL _____
FSL 1050 FWL 2150

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13th FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0440

Permit No. 10101

Oil & Gas Form No. R-P&A-1

PLUG AND ABANDON REPORT
NOTICE: TO BE FILED WITHIN 30 DAYS FROM DATE WELL IS PLUGGED

OPERATOR BASIN OIL & GAS CORP.

FARM NAME MYRNA BAYER WELL NO. 1

Date Plugged 7/18/03 Total Depth 1825'

Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement.

SET BRUSH PLUG @ 1680' WITH 10 SKSK CEMENT, & 5 GAL. ROCKS.

SET BRUSH PLUG @ 385' WITH 10 SKS CEMENT & 5 GAL. ROCKS.

SET BRUSH PLUG @ 30' WITH 5 SKS CEMENT & 5 GAL. ROCKS.

*NOTE: You must have inspector sign _____

Was well filled with cement? _____

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

RECEIVED
AUG 21 2003
TN OIL & GAS BOARD

State of KENTUCKY }
County of FAYETTE }

Thomas Watkins
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared THOMAS WATKINS known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct. And affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

Subscribed and sworn to before me this 19 day of JULY 2003.

SEAL

My commission expires 9/14/06

BILLY JOE GRIFFITH
Notary Public in and for KENTUCKY County,
STATE AT LARGE

CN-0217 (Rev. 4/83)

RDA-1910

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL AND GAS BOARD
6th FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

API Well No. _____
Field Name _____
CSD Class _____ (For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION
Operator: Quarton Oil & Gas — Permit No. 11695
Farm Name: Richard Winton — Well No. 1

TYPE OPERATION (Check One)
New Well ✓
Workover
Deepening

LOCATION 7 1/2' quad: Alpine
County: Quarton
Center Coordinates: 2 (Section) S 5 (Quad) E 52
Footage from Section lines: 2423 from W line, 1415 from S line

ELEVATION 905 (ground) _____ (D.F.) _____ (K.B.)

TOTAL DEPTH
Drillers's Log: 1325 — Geophysical Log: ✓

OPERATIONAL DATES
Date Commenced: March 08 — Date Drilling Completed: 8/1/09
Date Plugged (IF DRY HOLE) _____ — Date Placed in Operation (IF PRODUCING, INJECTION, ETC.) _____
Date Shut-in (IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION): 8/1/09 Shut in gas

DRILLING METHOD
Cable Tools from _____ to _____ (Depths) — Rotary Tools — Conventional-from _____ to _____ — Air-from 0 to 1325 (Depths)
CONTRACTOR(S): _____
Address _____

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)
✓

TYPE OF COMPLETION
Dry Hole.....
Oil.....
Gas..... ✓
Pressure Maintenance or Secondary Recovery
Water Injection.....
Gas Injection.....
Gas Storage:
Injection-Extraction.....
Observation.....

Shut-in or Producing: Shut in
SERVICE WELL:
Saltwater Disposal.....
Water Supply.....
Observation Well.....
Other _____

INITIAL PRODUCTION
Oil (bbl/day) _____
Gas (MCF/day) 10.7 MCF
Water (bbl/day) _____
Pumping / Flowing — Natural / After treatment
GOR _____
Hours tested: 24 hrs
Pressure: Tubing 9PSF
(In psi) Casing _____
Disposition of gas _____
(State whether vented, used for fuel, or sold)
Oil Gravity (°API) _____
Choke size 1/25 — shut-in / flowing — shut-in / flowing

RECEIVED
AUG 1 2 2009
N OIL & GAS BOAR

PRODUCING INTERVAL
Formation Name(s) — Interval(s)
Sunnybrook Gas

WELL TREATMENT (check applicable boxes)
In open hole — Thru perforation
Shot _____ qts. _____ interval
Shot _____ qts. _____ interval
Acid _____ gals. _____ interval
Acid _____ gals. _____ interval
Fracture _____ gals. _____ interval _____ lbs/sand
Fracture _____ gals. _____ interval _____ lbs/sand

CASING RECORD

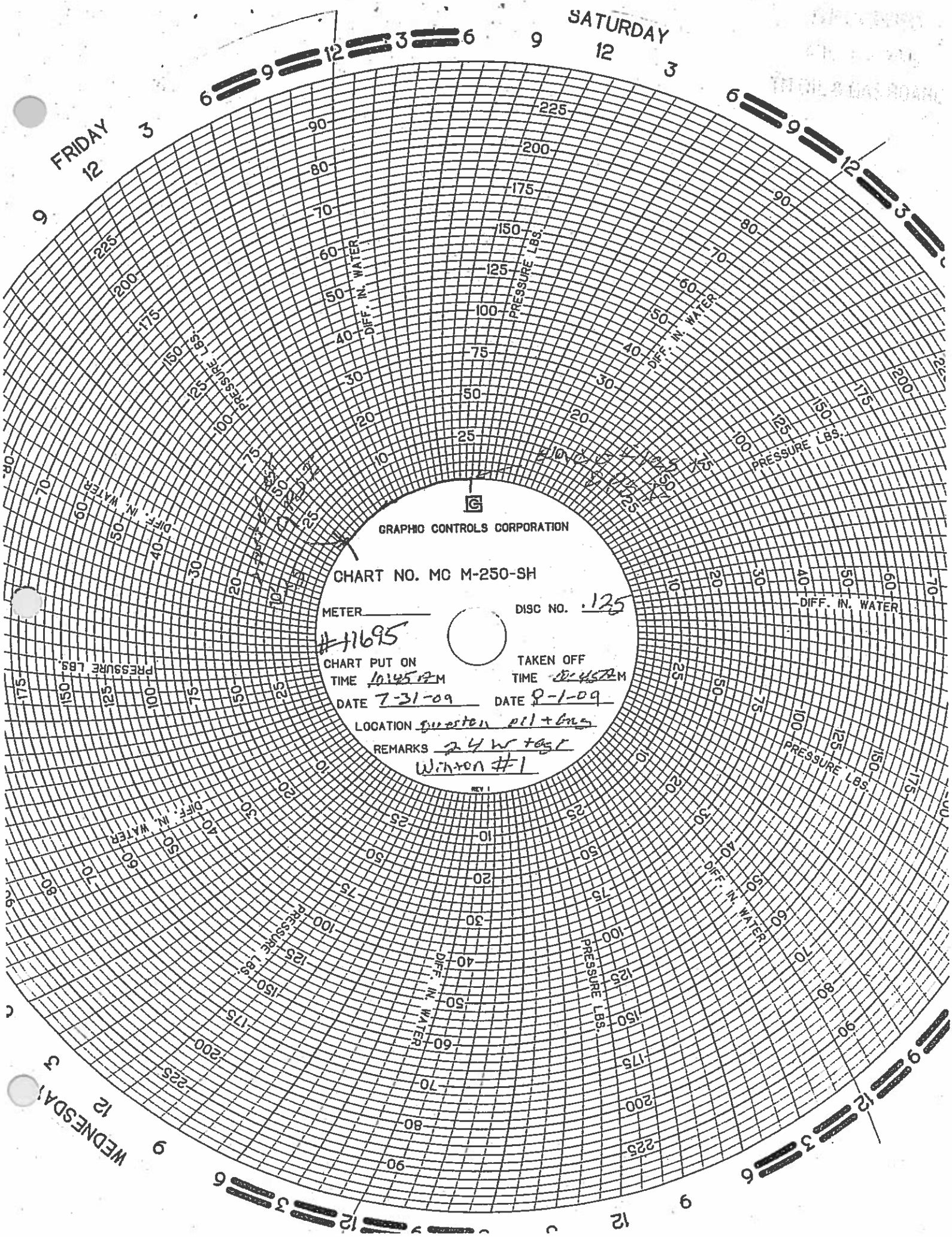
SIZE	DEPTH	SKS CEMENT	CSG PULLED
7	400'	65	NO

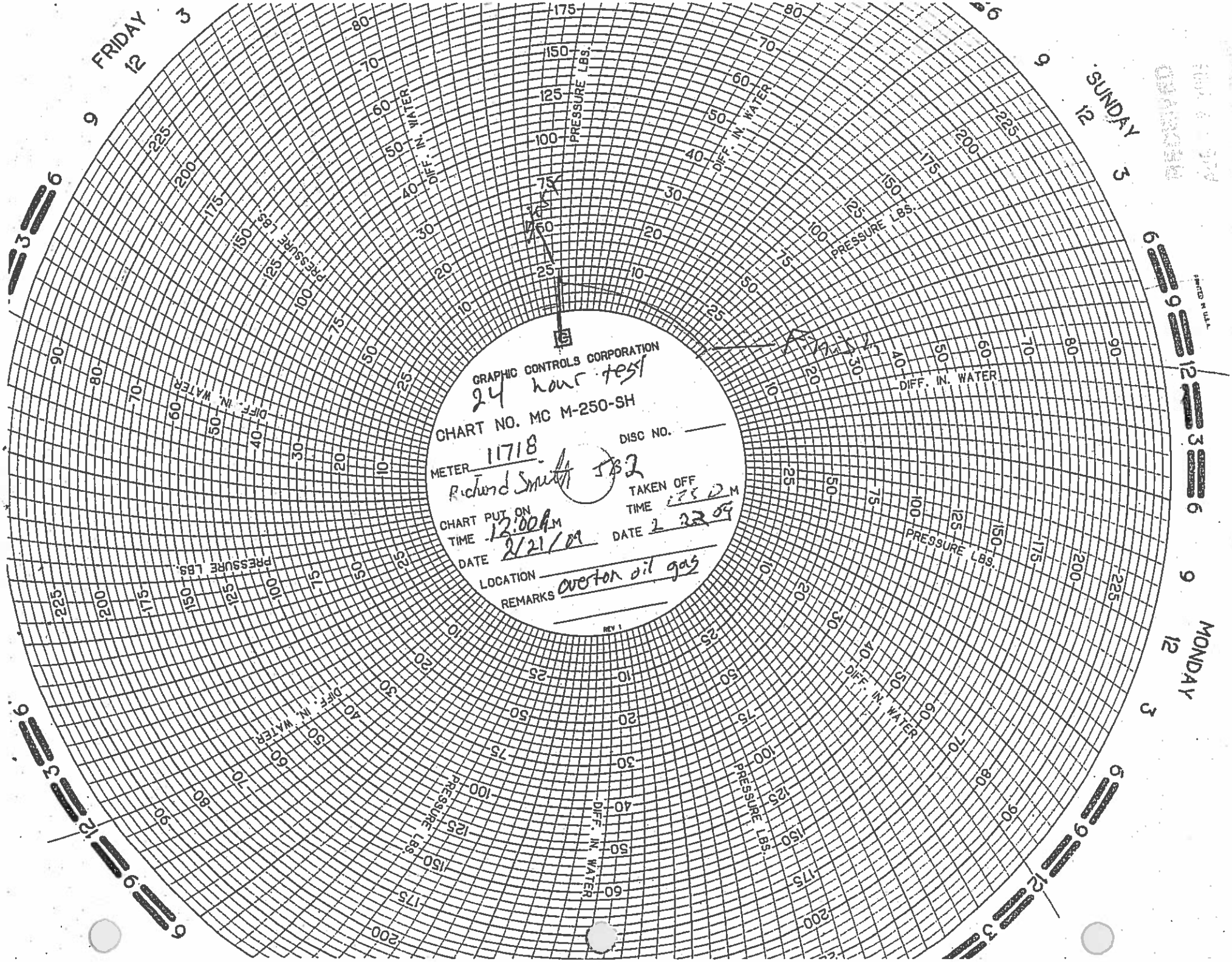
NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths-Top Base)	Formation	Remarks (Shows of oil and/or gas, full up tests, Dist's. Corps, Etc.)

(See reverse side)

CN-0221 RDA 22


SATURDAY
FRIDAY
WEDNESDAY
PRESSURE LBS.
DIFF. IN. WATER
GRAPHIC CONTROLS CORPORATION
CHART NO. MC M-250-SH
METER
DISC NO. .125
#11695
CHART PUT ON
TIME 10:45 AM
DATE 7-31-09
TAKEN OFF
TIME 10:45 AM
DATE 8-1-09
LOCATION Houston oil + Gas
REMARKS 24 hr test
Winton #1
REV. 1


GRAPHIC CONTROLS CORPORATION
24 hour test
CHART NO. MC M-250-SH
METER 11718
DISC NO.
Richard Smith
TAKEN OFF
TIME 12:00 AM
CHART PUT ON
TIME 12:00 AM
DATE 2/21/09
DATE 2 22 09
LOCATION
REMARKS overton oil gas
REV 1
FRIDAY
SUNDAY
MONDAY
PRESSURE LBS.
DIFF. IN. WATER

Form R-D7-1

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

COUNTY Overton
FIELD
RESERVOIR
PRODUCER Overton Oil & Gas Inc
PURCHASER Shut in
DATE Aug 14 2009

DAN COOK
SIGNATURE of COMPANY AGENT

GAS WELL DELIVERABILITY TESTS

NOTE:

MAIL ALL COPIES TO THE SUPERVISOR'S OFFICE ON OR BEFORE JUNE 1ST AND DECEMBER 1ST OF EACH YEAR.

WELL DATA									DELIVERABILITY T	
LEASE OR UNIT	WELL NO.	PERMIT NO.	T.D. DRILLED	PERFORATED INTERVAL	UNIT ACREAGE	GAS M.C.F./DAY	BBLS. PER DAY WATER	BBLS. PER DAY COND.	WELL HEAD PRES Flowing Press.	WELL HEAD PRES Shut in
Richard Winton	1	11695	1325	—	3.75	10.7	0	0	9PSI	19.8PSI
Richard Smith	JB#2	11718	1457	—	3.75	22.9	0	0	22PSI	48.5

CN-0218

See Instructions on Reverse Side

PAGE3

08-14-2009 13:15

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NOV 0 8 2004

TN OIL & GAS BOARD

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
701 BROADWAY
NASHVILLE, TENNESSEE 37219-5237

API Well No.
Field Name
CSD Class
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION Permit No. 10422
Operator BASIN OIL & GAS CORP.
Farm Name CHARLES ANDERSON Well No. 2

TYPE OPERATION (Check One)
New Well [X]
Workover [ ]
Deepening [ ]

LOCATION 7½' quad ALPINE
County OVERTON
Carter Coordinates 1 (Section) 2-S N or S 52E E or W Quad
Footage from Section Lines:
2290 from N line S 1600 from E line W

ELEVATION 886 (ground) (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log 1805'
Geophysical Log

OPERATIONAL DATES
Date Commenced 9/14/04 Date Drilling Completed 9/23/04
Date Plugged (IF DRY HOLE)
Date Placed in Operation (IF PRODUCING, INJECTION, ETC.)
(SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable Tools
Rotary Tools Conventional—from to
Tools from to (Depths)
Air—from to (Depths)
CONTRACTOR(S): TALLENT DRILLING INC.
Address RT. 3 BOX 550
ALBANY, KY.

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)
RAN CAMERA

TYPE OF COMPLETION
Dry Hole..... [X]
Oil..... [ ]
Gas..... [ ]
Shut-in or Producing
Pressure Maintenance or Secondary Recovery
Water Injection..... [ ]
Gas Injection..... [ ]
Gas Storage:
Injection-Extraction..... [ ]
Observation..... [ ]
SERVICE WELL:
Saltwater Disposal..... [ ]
Water Supply..... [ ]
Observation Well..... [ ]
Other

INITIAL PRODUCTION
Oil (bbl/day) [ ] Pumping [ ] Natural
Gas (MCF/day) [ ] Flowing [ ] After treatment
Water (bbl/day) GOR
Hours tested
Pressure: Tubing (in psi) Casing
Choke size
[ ] shut-in [ ] flowing
[ ] shut-in [ ] flowing
Disposition of gas (State whether vented, used for fuel, or sold)
Oil gravity (°API)

PRODUCING INTERNAL
Formation Name(s) Interval(s)

WELL TREATMENT (check applicable boxes)

			In open hole	Thru perforation
Shot	qts.	Interval	[ ]	[ ]
Shot	qts.	Interval	[ ]	[ ]
Acid	gals	Interval	[ ]	[ ]
Acid	gals.	Interval	[X]	[ ]
Fracture	gals. lbs/sand	Interval	[ ]	[ ]
Fracture	gals. lbs/sand	Interval	[ ]	[ ]

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
7"	348		NO
95/8	80		NO
we used 60 sks cement			

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths—Top Base)	Formation	Remarks (Shows of oil and/or gas, full-up tests, Dist's. Corps. Etc.)
520,530,540,	sunnybrook	GAS

Form R WH-1 (See reverse side)

Executed this the 2nd day of OCT. ## 2004

State of Tennessee
County of Overton

Thomas Watkins
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared THOMAS WATKINS known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 2nd day of OCT. ## 2004

SEAL

My commission expires 11/22/2004

BILLY JOE GRIFFITH
Notary Public in and for Tennessee
County. STATE AT LARGE

FORMATION RECORD
Permit No. 10422

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	35	Sandy soil			
35	80	BROKEN CRYSTALLINE LIMESTONE			
80	160	BLACKISH GRAY LIMESTONE WITH WHITE CHERT NODULES			
160	240	PALE OLIVE GREENLIMESTONE			
240	300	WHITE REEF LIMESTONE & OLIVE GREEN SHALE			
300	310	OLIVE GREEN SHALE			
310	315	(BEAVER) BROWN CHERTY REEF LIMESTONE			
315	344	CHATTANOOGA BLACK SHALE			
344	440	MEDIUM BROWN COARSE GRAINED LIMESTONE			
440	560	MEDIUM BROWN CRYSTALLINE LIMESTONE WITH WHITE CALCITE CRYSTALS			
560	790	BLACK BROWN SILTY LIMESTONE			
790	856	HERMITAGE DARK GRAY SILTY LIMESTONE			
856	860	MUD CAVE WITH BENTONITE			
860	885	BROKEN BROWN CRYSTALLINE LIMESTONE			
885	888	GREEN PENCIL CAVE			
888	1100	LIGHT TAN CLEAN LIMESTONE			
1100	1310	MEDIUM BROWN LIMESTONE WITH BLACK STREAKS			
1310	1570	BLACK LIMESTONE			
1570	1640	BLACK LIMESTONE EMBEDDED WITH PALE GRAY LIMESTONE			
1640	1700	(WELLS-CREEK) PALE GRAY LIMESTONE & DOLOMITE			
1700	1710	(TOP OF KNOX) BROWN DOLOMITE & CHERT			
1710	1730	BROWN DOLOMITE			
1730	1740	BROWN DOLOMITE & CHERT			
1740	1805	PALE GRAY DOLOMITE			

7

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES ____ NO X

IMPORTANT: See Reverse Side

WELL PERMIT NO. 10422

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
13TH FLOOR L & C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

DO NOT WRITE IN THIS SPACE
Fee $150.00
Approval Date 9/14/04
Approved By
Plat OK
Bond BS SS
API No. 49-133-21956

APPLICATION FOR PERMIT TO DRILL

1. Well operator: BASIN OIL AND GAS CORPORATION Telephone: (877) 542-1444
2. Permanent address: 207-C EAST REYNOLDS RD. LEXINGTON, KY 40517-1275
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: CHARLES ANDERSON Well no: 2
5. Farm owner's mailing address: 9045 CELINA RD. BURKESVILLE, KY 42717
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   2290' FNL, ~~FSL~~ 1600' FEL, ~~FWL~~ Sec. 1 Carter Quad 2 ~~N~~ 52 ~~E~~ ~~W~~
8. Distance & direction from nearest town or postoffice: 3½ m. NE OF ALPINE OFF WINTON LN.
9. Ground elevation: 886.6' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other
12. Name of contractor: TALLENT DRILLING CO. INC.
13. Address: 50 HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools ____ Combination ____
15. Distance from nearest property line; or unit line if unit: 700'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 1050'
17. Single well bond: Cash ____ Surety ____ Blanket bond: Cash ____ Surety ✓
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☒
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 7 9⅝ Length 380' 30'
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size ____ Length ____
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

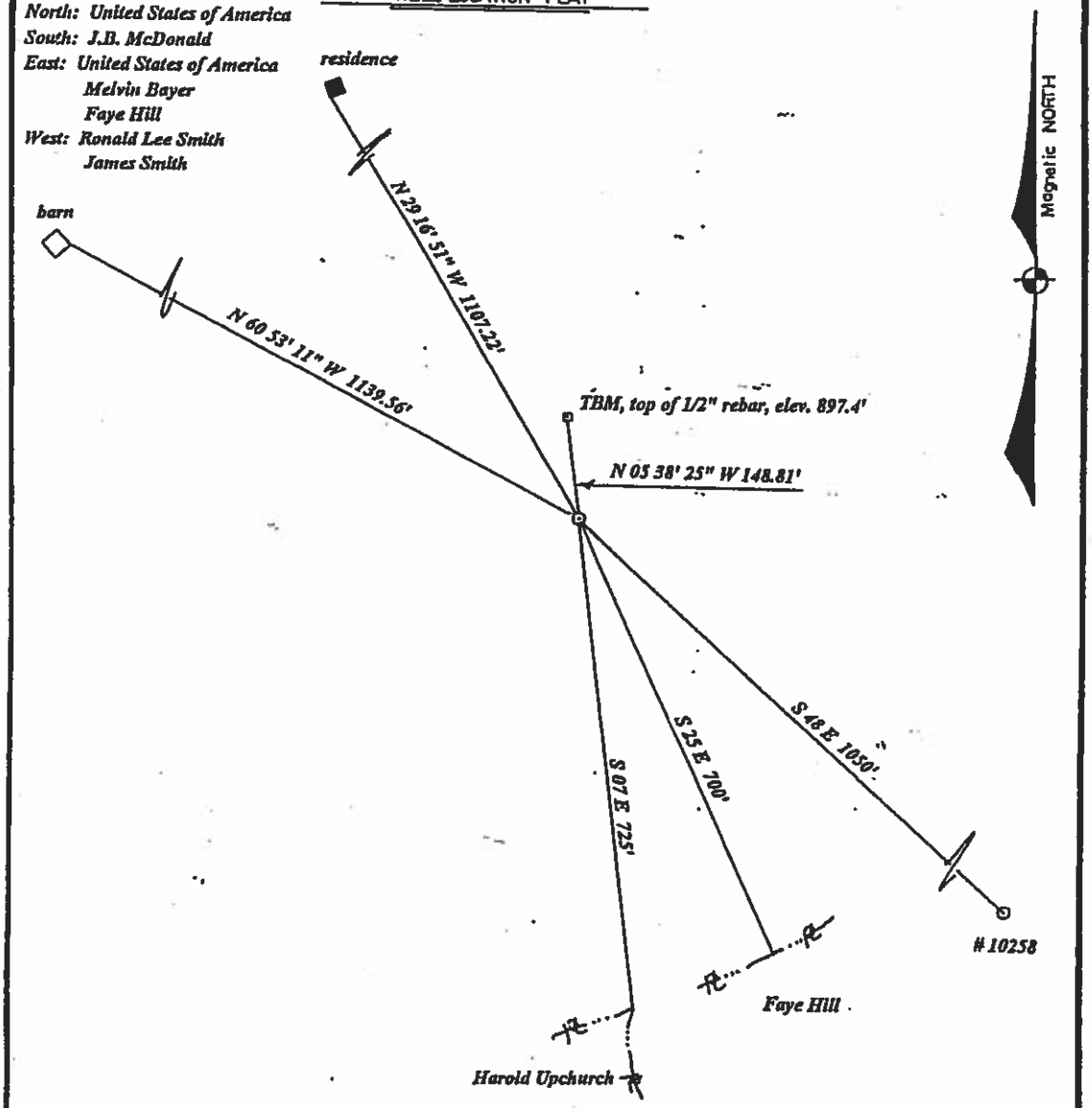
Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1 RDA 1910
CN-0211 (Rev 6-93)

Bounded By:
North: United States of America
South: J.B. McDonald
East: United States of America
Melvin Bayer
Faye Hill
West: Ronald Lee Smith
James Smith

WELL LOCATION PLAT



Operator: Basin Oil and Gas Corporation

Address: 207-C East Reynolds Road Lexington, Kentucky 40517-1275

Well name and/or number: 2

Surface owner: Charles Anderson

County: Overton

Distance and direction from nearest town: Three and one-half miles northeast of Alpine off Winton Lane

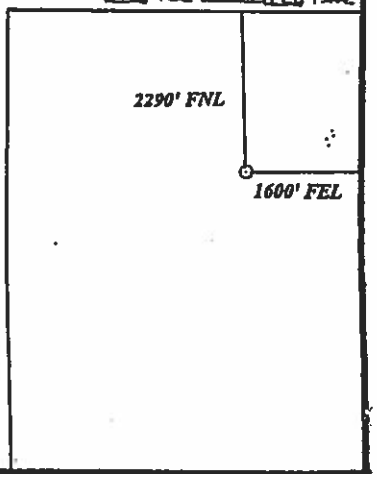
Acreage in drillsite tract: 201 Ground elevation: 886.6'

0 200' 400'
GRAPHIC SCALE: 1"=200'

Quadrangle Alpine, 1979

Sec. 1, 2 S 52 E

2290' FNL FSL 1600' FEL FWL



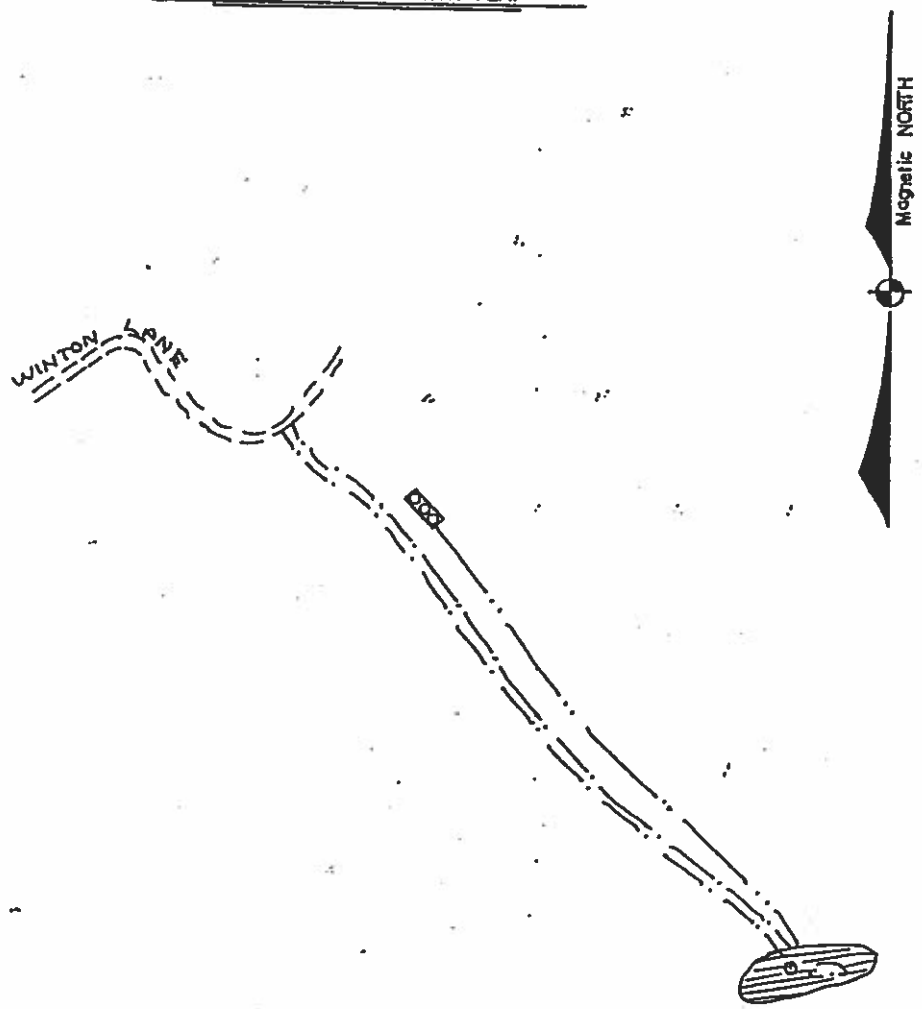
Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

06/07/04

Michael W. Asberry, P.L.S. # 1653, Date

SUPPLEMENT TO LOCATION PLAT



Operator: *Basin Oil and Gas Corporation*

Address: *207-C East Reynolds Road Lexington, Kentucky 40517-1275*

Well name and/or number: 2

Surface owner: *Charles Anderson*

9045 Celina Road

Burkesville, Kentucky 42717

0 200' 400'

GRAPHIC SCALE: 1"=200'

LEGEND:

Paved road
Improved road
Unimproved road
Access road
Well Location
Tank battery
Flow line
Pit
Disturbed area
Residence
Barn

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

06/07/04

Michael W. Asberry, P.L.S. # 1653, Date

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO Y

IMPORTANT: See Reverse Side

JUL 2 5 2005

TN OIL & GAS BOARD

WELL PERMIT NO. 10664

2-25-52E

STATE OF TENNESSEE
DIVISION OF WATER POLUTION CONTROL
TENNESSEE OIL & GAS PROGRAM
6TH FLOOR ANNEX, L & C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-1534

DO NOT WRITE IN THIS SPACE
Fee $150.00 CK #102692
Approval Date 8/3/05
Approved By
Plat
Bond B C SC
API No. 47-133-22067

APPLICATION FOR PERMIT TO DRILL

1. Well operator: DENALI ENERGY,LLC. Telephone: (931) 526-7380.
2. Permanent address: 108 Ivey Circle, Lafayette, LA 70508.
3. Address for mailing permit: Denali Energy, LLC 420 N. Washington Ave., Suite 8 Cookeville, TN 38506.
4. Farm owner (lessor) or unit: Barney McDonald Well no: 1.
5. Farm owner's mailing address: 506 Gib Young Rd. Monroe, TN 38573.
6. County: Overton 7-1/2' Topo. Quad. (Name) Alpine.
7. Carter Coordinates:
   50' FSL 390' FEL Sec. 2 Carter Quad Twp 2S Range 52 E.
8. Distance & direction from nearest town or post office: 1mile East of Oakdale on Hull Road.
9. Ground elevation: 881.6' Proposed total depth: 2000'.
10. Name of deepest geological formation to be tested: Knox.
11. This proposed well is to be drilled for the following purpose:
    Oil X Gas X.
    Other
12. Name of contractor: Tallent Drilling Co., Inc.
13. Address: S. Hwy 127, Albany, KY 42602.
14. To be drilled by Rotary: X Cable tools Combination
15. Distance from nearest property line; or unit line if unit: 263.14'.
16. Distance to nearest well, regardless of Status (within 3000 ft.) 850'.
17. Single well bond: Cash X Surety Blanket bond: Cash Surety.
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☒
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length Approx 375' or through the Chattanooga Shale (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Length
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☒
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☒

Coal owners and address:

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☒

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

CN-0211 (Rev 6-93)
Form F-AD-1

RDA 1910

IMPORTANT: *Each operator is expected to be familiar with the State of Tennessee Oil and Gas Rules and Regulations.* In the event any assistance is required, write the Supervisor, State Oil and Gas Board, 6th Floor L & C Tower, 401 Church Street, Nashville, Tennessee 37243-1549 or call 615/532-0166 and ask for the Supervisor or his assistance.

NOTICE

The Oil and Gas Board requires that application for permits shall be sworn to and properly acknowledge before a Notary Public or other officer authorized to take oath, that the permittee is a valid owner or represents valid owners of oil and gas rights in the land on which the wells is to be drilled, or is located, and has otherwise complied with all of the terms and conditions of the rules and regulations promulgated by the Oil and Gas Board as well as Title 60. Tennessee Code Annotated.

James R. Crowley
Signature of Applicant

AFFIDAVIT

STATE OF TENNESSEE

COUNTY OF PUTNAM

Before me, the undersigned authority, on this day personally appeared James Crowley [redacted] known to me to be the person whose name is subscribed to the above application for permit, who being duly sworn on oath, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 14th day of July, 2005.

My commissioner expires 3/23/2009

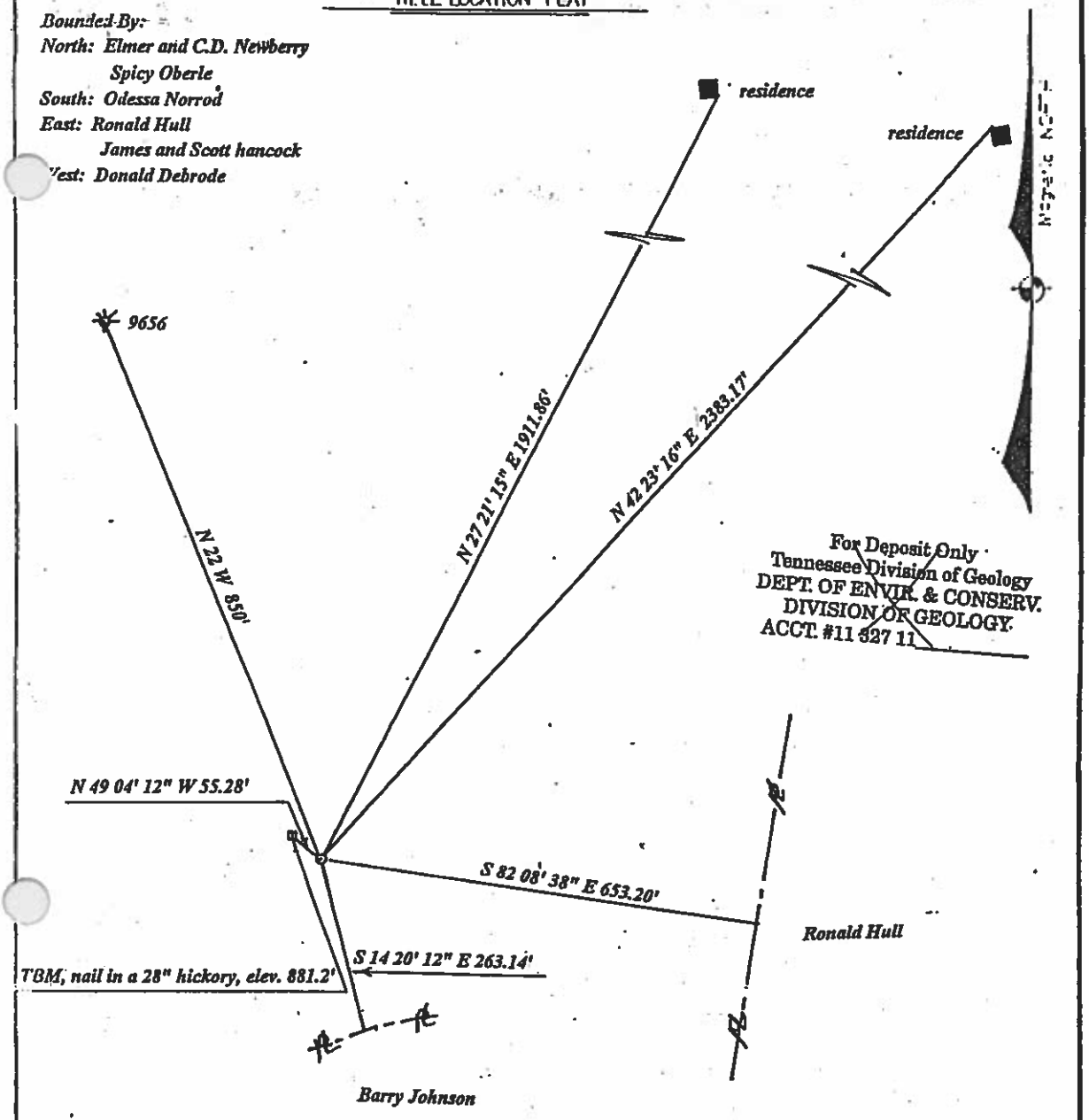
Richard A. Rader

NOTICE: Permits are not in any way to be construed as a certification by the State of Tennessee that any property interest in the premises covered by a permit is vested in the permittee; it is issued solely under the regulatory powers vested in the Tennessee Oil and Gas Board under the provisions of Title 60 of the Tennessee Code Annotated for the purposes recited in said code section and the rules and regulations promulgated by the Board pursuant to said code section.

RICHARD A. RADER
STATE OF TENNESSEE NOTARY PUBLIC
PUTNAM COUNTY

WELL LOCATION PLAT

Bounded By:
North: Elmer and C.D. Newberry
Spicy Oberle
South: Odessa Norrod
East: Ronald Hull
James and Scott hancock
West: Donald Debrode



For Deposit Only
Tennessee Division of Geology
DEPT. OF ENVIR. & CONSERV.
DIVISION OF GEOLOGY
ACCT. #11 327 11

Operator: *Denali Energy, LLC.*

Address: *108 Ivey Circle Lafayette, LA 70508*

Well name and/or number: *1*

Surface owner: *Barney McDonald*

County: *Overton*

Distance and direction from nearest town: *One mile east of Oak Dale on Hull Road.*

Acreage in drillsite tract: *81* Ground elevation: 881.6'

0 200 400'
GRAPHIC SCALE: 1"=200'

Quadrangle *Alpine Rev. 1979*

Sec. 2, 2 S 52 E

50' FNL ~~FSL~~ 390' FEL ~~FWL~~

50' FNL
390' FEL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY# 3151
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6237

06/28/05

Michael W. Asberry, P.L.S. # 1653, Date

W. ASBERRY
TENNESSEE NO. 1653

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JUL 25 2005
TN OIL & GAS BOARD

Permit No. 10664

COUNTY
TN QUAD
CARTER'S T R
FNL FWL
FSL FWL

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
791 BROADWAY
NASHVILLE, TENNESSEE 37203

PLUG AND ABANDON REPORT
NOTICE: TO BE FILED WITHIN 30 DAYS FROM DATE WELL IS PLUGGED

OPERATOR DENALI ENERGY LLC
FARM NAME BARNEY McDONALD WELL NO. 1

Date Plugged 12-6-06 Total Depth

Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement.

RECEIVED
JUN 2 6 2008
TN OIL & GAS BOARD

Was well filled with cement?

*NOTE: You must attach a copy of all plugging bills, either from cement company or plugging contractor, or have inspector sign Jeff Fulton

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

RECEIVED
DEC 2 7 2006
TN OIL & GAS BOARD

State of Louisiana
Parish County of LAFAYETTE

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whom name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct. And affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

Subscribed and sworn to before me this 26th day of April 19 2007

SEAL

ROBERT J. MORELLO

My commission expires at death

Robert J. Morello IP# N481
Notary Public in and for LAFAYETTE PARISH
County

Form R-P & A-T
CN-0617

1-25-52E

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JAN 1 1 2001

TN OIL & GAS BOARD

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
401 CHURCH ST - 13th FLOOR
NASHVILLE, TN 37243-0445

API Well No. ____
Field Name ____
SD Class ____
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION
Permit No. 9574
Operator: Hyor Oil Co., Inc
Farm Name: Hill Upchurch Unit A Well No. 1

TYPE OPERATION (Check One)
- New Well [X]
- Workover [ ]
- Deepening [ ]

LOCATION
7½' quad: ALPINE
County: OVERTON
Carter Coordinates: 1 (Section) 2 (N or S) 5a (E or W) Quad
Footage from Section Lines: 2100' from (N) line 800' from (E) line (S)

ELEVATION 854.7 (ground) ____ (D.F.) (K.B.)

TOTAL DEPTH
Drillers's Log ____ Geophysical Log ____

OPERATIONAL DATES
Date Commenced 5-2-00 Date Drilling Completed 5-6-00
Date Plugged ____ (IF DRY HOLE) Date Placed In Operation ____ (IF PRODUCING, INJECTION, ETC.)
Date Shut-In ____ (IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION) TRANSFERED TO LANDOWNER FOR DOMESTIC GAS WELL

DRILLING METHOD
Cable ____ Rotary Tools ____ Conventional—from ____ to ____
Tools from ____ to ____ (Depths) Air—from "0" to 1789' (Depths)

CONTRACTOR(S): RIDDLE CONTRACTOR, INC
Address: 169 EVANS SCHOOL RD
ALBANY, KY 42602

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)
GAMMA RAY
DENSITY
NEUTRON VIDEO CAMERA
DELTA T
TEMP.

TYPE OF COMPLETION
- Dry Hole [ ]
- Oil [ ]
- Gas [X]
- Pressure Maintenance or Secondary Recovery
  - Water Injection [ ]
  - Gas Injection [ ]
- Gas Storage:
  - Injection-Extraction [ ]
  - Observation [ ]

Shut-In or Producing: DOMESTIC GAS WELL

SERVICE WELL:
- Saltwater Disposal [ ]
- Water Supply [ ]
- Observation Well [ ]
- Other ____

INITIAL PRODUCTION
Oil (bbl/day) ____ [ ] Pumping [X] Natural
Gas (MCF/day) 15mcfd [ ] Flowing [ ] After treatment
Water (bbl/day) ____ GOR ____
Hours tested ____ Choke size ____
Pressure: Tubing ____ [X] shut-in [ ] flowing
(In psi) Casing 115 lb. [ ] shut-in [ ] flowing
Disposition of gas ____ (State whether vented, used for fuel, or sold)
Oil gravity (°API) ____

PRODUCING INTERNAL

Formation Name(s)	Interval(s)

WELL TREATMENT (check applicable boxes)

		In open hole	Thru perforation
Shot ____ qts.	Interval	[ ]	[ ]
Shot ____ qts.	Interval	[ ]	[ ]
Acid ____ gals.	Interval	[ ]	[ ]
Acid ____ gals.	Interval	[ ]	[ ]
Fracture ____ gals. ____ lbs/sand	Interval	[ ]	[ ]
Fracture ____ gals. ____ lbs/sand	Interval	[ ]	[ ]

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9⅝"	65'	20	-0-
7"	349.7'	67	-0-

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths—Top Base)	Formation	Remarks (Shows of oil and/or gas, full-up tests, Dist's. Corps, Etc.)
126'	Miss	Show Gas
1375'	Mnof.	Show Gas
1770'	Knox	Slt. Show Oil

Form R WH-1
CN-0211

(See reverse side)

Executed this the 2nd day of June, 2000 19

State of Tennessee
County of Overton

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 2nd day of June 2000 19

SEAL

My commission expires Jan 4, 2003

Notary Public in and for Overton County, Tennessee

FORMATION RECORD

Permit No. _____

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)

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JUN 0 8 2000
TN OIL & GAS BOARD

Riddle Contractor

169 Evans School Road.
Albany, KY 42602
Phone: 606-387-7224

P# 9524

DRILLERS DRILLING REPORT

1st Shift: Driller Darrell; Assistant Crawley	Operator: Name Pyor. Oil-Co.; Address; Phone	Well Site Geologist: Name; Address; Phone	Date started 5-2-00; Date t.d. 5-6-00; Supervisor
2nd Shift: Driller; Assistant			

Name of Lease	Well No.	County	Town	Carter Coordinates
Hill Upchurch	#1	Overton	Livingston	Elv. 854

Date	From Depth of	To Depth of	Formation and Remarks	Samples	Driller's Initials
5-2-00	0 feet	25 feet	Top-Soil - 6"		DR
	25 feet	50 feet	Cave - 25-34		
	50 feet	75 feet	Water-Cave - 48-51	- 60	feet
	75 feet	100 feet	Limestone		9 5/8
	100 feet	125 feet	Gas-Sup Hur - 126		
	125 feet	150 feet	"		
	150 feet	175 feet	"		
	175 feet	200 feet	"		
	200 feet	225 feet	Fort-Pain-221		
	225 feet	250 feet	"		
	250 feet	275 feet	"		
	275 feet	300 feet	Black Shale - 308-338		
	300 feet	325 feet	"		
	325 feet	350 feet	Set. 349.7"		
5-3-00	350 feet	375 feet	"		
	375 feet	400 feet	"	3	
	400 feet	425 feet	"	2	
	425 feet	450 feet	"	3	
	450 feet	475 feet	"	2	
	475 feet	500 feet	"	3	
	500 feet	525 feet	"	2	
	525 feet	550 feet	"	3	
	550 feet	575 feet	"	2	
	575 feet	600 feet	Sunny Brook	3	
	600 feet	625 feet	"	2	
	625 feet	650 feet	"	3	
	650 feet	675 feet	"	2	
	675 feet	700 feet	"	3	
	700 feet	725 feet	"	2	
	725 feet	750 feet	"	3	
	750 feet	775 feet	"	2	
	775 feet	800 feet	"	3	
	800 feet	825 feet	"	2	
	825 feet	850 feet	Mud-Cave-868	3	
5-4-00	850 feet	875 feet	Pen Cave-901	2	
	875 feet	900 feet	Carter 930	3	
	900 feet	925 feet	"	2	
	925 feet	950 feet	Stones River	3	
	950 feet	975 feet	"	2	
	975 feet	1000 feet	"	3	
	1000 feet	1025 feet	"	2	

...e Side

RECEIVED

JUN 1 3 2000

IN OIL & GAS BOARD

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
401 CHURCH ST - 13th FLOOR
NASHVILLE, TN 37243-0445

WELL PERMIT NO.....

FORM P-AD-3
CN-0237

DO NOT WRITE IN THIS SPACE
Fee $25.00
Approval date 6/13/2000
Approved by [illegible]
Plat OK [illegible]
Bond SC SC

APPLICATION TO CHANGE OPERATORS

PART I-TO BE COMPLETED BY OLD (ORIGINAL) OPERATOR

Description of Well as Permitted:

Permit No. 9524 Date permitted 4-27-2000

Operator Pryor Oil Co., Inc.

Permanent address 763 Jamestown Hwy.

Livingston, TN 38570 Telephone No. 931-823-1984

Lessor or Unit Hill Upchurch Unit # Well No. 1

County Overton Field W/C

Carter Coordinates:

2100' ~~FNL~~ FSL 800' FEL ~~FNL~~ Sec. 1 Carter Quad. 2 ~~S~~ 52 E

Elevation 854.7' Proposed total depth 1785' T.D.

Deepest formation to be tested Knox

Purpose of well:

Oil ☐ Gas ☐ Injection ☐ Geologic test ☒ Other.....

Rotary tools ☐ Cable tools ☐

~~Proposed or~~ actual casing program 348' 7" CMTD. to Surf.

Present Status of Well:

Location ☐ Drilling ☐ Producing ☒ Domestic Gas Abandoned ☐ Total depth.....

Have all samples and well data been filed with the State Oil and Gas Supervisor? Yes ☒ No ☐

Has operator (old) complied with all requirements of the State Oil and Gas Board on this operation? Yes ☒ No ☐

If answer to either of above questions is no, explain: Smpls & Compl. Report mailed 6-4-00

[signature]
SIGNATURE OF OLD OPERATOR

PART II-TO BE COMPLETED BY NEW OPERATOR

Operator (New): Fay Hill

Permanent address: 217 Joppa Rd Alpine 38543

Telephone No. 823-2714

Has organization report been filed? Yes ☒ No ☐ Enclosed

Bond Status:

Single well: Cash ☒ Surety ☐

Blanket: Cash ☐ Surety ☐

Is operator in violation of any State regulations on other operations? Yes ☐ No ☒

What are plans of new operator for completing or producing well Domestic Gas Well

See Reverse Side

x Faye Hill
SIGNATURE OF NEW OPERATOR

PART III—TO BE COMPLETED BY OLD OPERATOR AND NEW OPERATOR

IMPORTANT: See Reverse

It is requested that Well Permit No. 9524 be transferred from PRYOR OIL CO., INC. (old operator) to FAY HILL, SURF. OWNER (new operator). It is understood that the new operator is bound by all statements made by the old operator on the original permit application.

Jim Pryor
SIGNATURE OF OLD OPERATOR

x Faye Hill
SIGNATURE OF NEW OPERATOR

AFFIDAVIT (OLD OPERATOR)

STATE OF Tennessee

COUNTY OF Overton

Before me, the undersigned authority, on this day personally appeared Jim Pryor known to me to be the person whose name is subscribed to the above application for amending of permit, who being duly sworn on oath, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 2nd day of June, 19 2000

My commission expires Nov 4, 2003

Betty McCormick

AFFIDAVIT (NEW OPERATOR)

STATE OF Tennessee

COUNTY OF Overton

Before me, the undersigned authority, on this day personally appeared Faye Hill known to me to be the person whose name is subscribed to the above application for amending of permit, who being duly sworn on oath, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 8th day of June, 19 2000

My commission expires 3/7/2001

Randy A Dodson

RANDY A. DODSON NOTARY PUBLIC AT LARGE OVERTON CO., TENN.

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JUN 0 8 2000
TN OIL & GAS BOARD

P#9524

Date	From Depth of	To Depth of	Formation and Remarks	Samples	Driller's Initials
	1025 feet	1050 feet	"	3	DR
	1050 feet	1075 feet	"	2	
	1075 feet	1100 feet	"	3	
	1100 feet	1125 feet	"	2	
	1125 feet	1150 feet	"	3	
	1150 feet	1175 feet	"	2	
	1175 feet	1200 feet	"	3	
	1200 feet	1225 feet	mur Freesboro	2	
	1225 feet	1250 feet	"	3	
	1250 feet	1275 feet	"	2	
	1275 feet	1300 feet	"	3	
	1300 feet	1325 feet	"	2	
	1325 feet	1350 feet	"	3	
	1350 feet	1375 feet	"	2	
	1375 feet	1400 feet	"	3	
	1400 feet	1425 feet	"	2	
	1425 feet	1450 feet	"	3	
	1450 feet	1475 feet	"	2	
5-6-00	1475 feet	1500 feet	"	3	
	1500 feet	1525 feet	"	2	
	1525 feet	1550 feet	"	3	
	1550 feet	1575 feet	"	2	
	1575 feet	1600 feet	"	3	
	1600 feet	1625 feet	"	2	
	1625 feet	1650 feet	Well Creek - 1640	3	
	1650 feet	1675 feet	"	2	
	1675 feet	1700 feet	"	3	
	1700 feet	1725 feet	"	2	
	1725 feet	1750 feet	KNOX - 1740	3	
	1750 feet	1775 feet	OIL - 1770	2	
	1775 feet	1800 feet	"	3	
	1800 feet	1825 feet			
	1825 feet	1850 feet			
	1850 feet	1875 feet			
	1875 feet	1900 feet			
	1900 feet	1925 feet			
	1925 feet	1950 feet			
	1950 feet	1975 feet	T.D 1785		
	1975 feet	2000 feet			

Materials		Special Instructions or Remarks
Pipe 349.7'	Other	6 1/2 Bit

Date
5-2-00 Driller's Signature [illegible]
5-6-00 Driller's Signature [illegible]
Supervisor's Signature
Geologist's Signature

QUAD ALPINE
CARTER.S 1 T 2S R 52E
FNL _____ FEL 880'
FSL 2100' FWL _____

STATE OIL AND GAS BOARD
401 CHURCH ST - 13th FLOOR
NASHVILLE, TN 37243-0445

9524

PLUG AND ABANDON REPORT
NOTICE: TO BE FILED WITHIN 30 DAYS FROM DATE WELL IS PLUGGED

OPERATOR Pryor Oil Co., Inc
FARM NAME FAYE HILL #1 WELL NO. 1

Date Plugged _____ Total Depth 1785

Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement.

Brush Plug @ 1740' w/ 5 SXS CMT.
Brush Plug @ 800' w/ 5 SXS CMT
Brush Plug @ 350' w/ 10 SXS CMT.
30' To Surf w/ 7 SXS. CMT.

*NOTE: You must have inspector sign Glenn Burke

Was well filled with cement? NO

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

State of Tennessee
County of Overton

Jim Pryor
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Jim Pryor known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct. And affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

Subscribed and sworn to before me this 6th day of December 19 2000

SEAL

Donna Paul
Notary Public in and for Tennessee
County, Overton

My commission expires 10/21/03

Form R-P & A-1
CN-0217
Revised 4/03

12/05/2000 22:25 14236638443 GLENN BURKE PAGE 01

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES ✓ NO ____

IMPORTANT: See Reverse Side

WELL PERMIT NO. 9524

Conv. to domestic gas well

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13TH FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

DO NOT WRITE IN THIS SPACE
Fee $150.00
Approval Date 4/27/2000
Approved By MKB
Plat OK MKB
Bond BC SC
API No. 4-133-21588

APPLICATION FOR PERMIT TO DRILL

1. Well operator: PRYOR Oil COMPANY, INC Telephone: (816) 587-1225
2. Permanent address: 473 NORTH SHORE PARKVILLE, MO 64151
3. Address for mailing permit: ____
4. Farm owner (lessor) or unit: FAY Hill, ET VIR; GENTRY UPCHURCH Well no: Hill-UPCHURCH Unit #1
5. Farm owner's mailing address: 217 JUPPA RD ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad. (Name) ALPINE, 1979
7. Carter Coordinates:
   2100' ~~FNL~~, FSL 800' FEL, ~~FWL~~ Sec. 1 Carter Quad. 2 ~~N~~, S 52 E, W
8. Distance & direction from nearest town or postoffice: 1 mi. NW OF LUYTON ON JUPPA ROAD
9. Ground elevation: 854.7' Proposed total depth: 2500'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ____
    Other ____
12. Name of contractor: RIDDLE CONTRACTOR
13. Address: c/o Donnie RIDDLE 169 EVANS SCHOOL RD ALBANY, KY 42602
14. To be drilled by Rotary: X Cable tools ____ Combination ____
15. Distance from nearest property line; or unit line if unit: 155.35'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 2280'
17. Single well bond: Cash X Surety ____ Blanket bond: Cash ____ Surety ____
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☒
    Surface Casing: (Surface casing program shall comply with Chap II, Sec. 7 of Gen. Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length Base of Chatt. Shale
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size ____ Length ____
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐
Coal owners and addresses: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined?
Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators named herein.

CN 0211 (Rev. 6-93) RDA 1910

IMPORTANT: *Each operator is expected to be familiar with the State of Tennessee Oil and Gas Rules and Regulations.* In the event any assistance is required, write the Supervisor, State Oil and Gas Board, 6th Floor L&C Tower, 401 Church Street, Nashville, Tennessee 37243-1549 or call 615/532-0166 and ask for the Supervisor or his assistance.

NOTICE

The Oil and Gas Board requires that application for permits shall be sworn to and properly acknowledged before a Notary Public or other officer authorized to take oath, that the permittee is a valid owner or represents valid owners of oil and gas rights in the land on which the wells is to be drilled, or is located, and has otherwise complied with all of the terms and conditions of the rules and regulations promulgated by the Oil and Gas Board as well as Title 60 Tennessee Code Annotated.

Jim Pryor

Signature of Applicant

AFFIDAVIT

STATE OF Tennessee

COUNTY OF Clayton

Before me, the undersigned authority, on this day personally appeared Jim Pryor, known to me to be the person whose name is subscribed to the above application for permit, who being duly sworn on oath, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 17th day of April, ~~19~~ 2000.

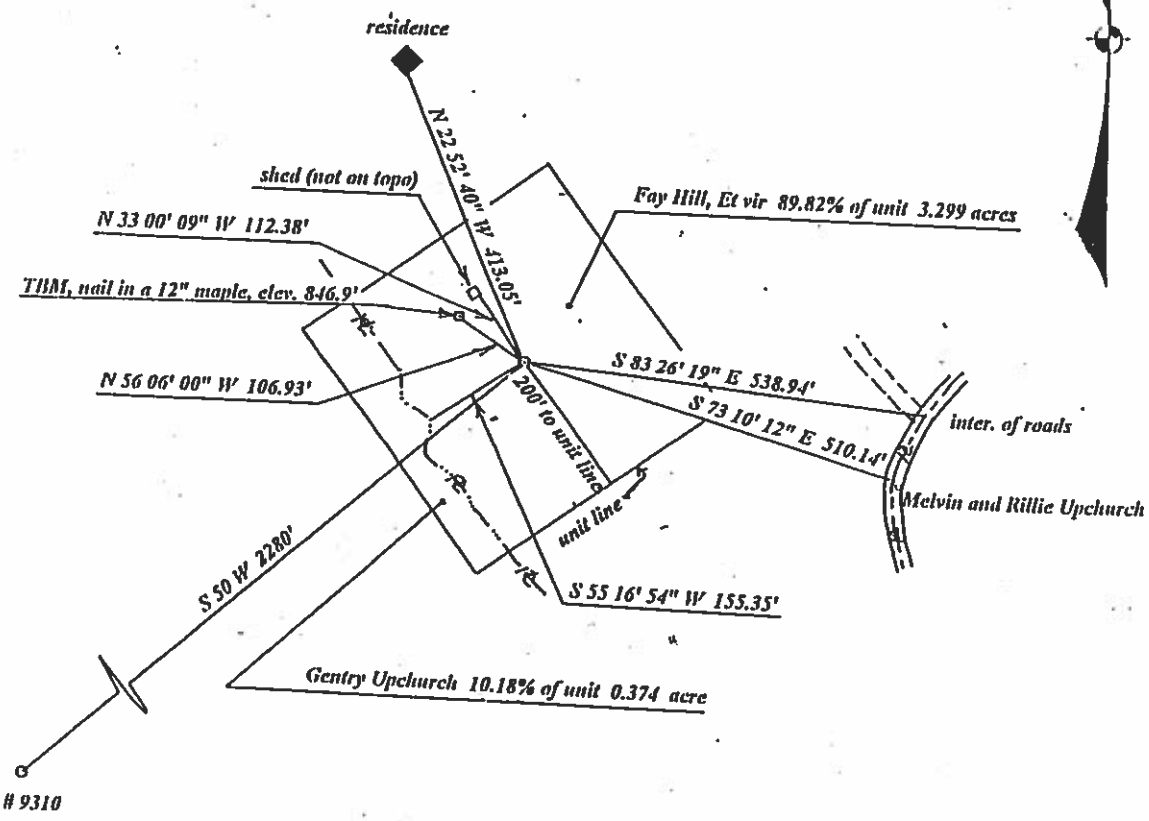
My commission expires Nov 4, 2003

Betty McCormick

NOTICE: Permits are not in any way to be construed as a certification by the State of Tennessee that any property interest in the premises covered by a permit is vested in the permittee; it is issued solely under the regulatory powers vested in the Tennessee Oil and Gas Board under the provisions of Title 60 of the Tennessee Code Annotated for the purposes recited in said code section and the rules and regulations promulgated by the Board pursuant to said code section.

WELL LOCATION PLAT

- Bounded By:
  north: Kelly Paul
  Lynda S. Anderson
  south: Gentry Upchurch
  east: Albert Paul McDonald
  Melvin and Rillie Upchurch
  west: Gentry Upchurch



Faye Hill

Total area of unit 3.673 Acres.

Operator: Pryor Oil Company, Inc.

Address: 473 Northshore Parkville, MO 64151

Well name and/or number: Hill-Upchurch unit # 1

Surface owner: Fay Hill, Et vir

County: Overton

Distance and direction from nearest town: One mile northwest of Ivyton on the Joppa Road

Acreage in drillsite tract: 56 Ground elevation: 854.7'

0 200' 400'

GRAPHIC SCALE 1"=200'

Quadrangle Alpine, 1979

Sec. 1, 2 S 52 E.

2100' FSL 800' FEL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

04/11/00

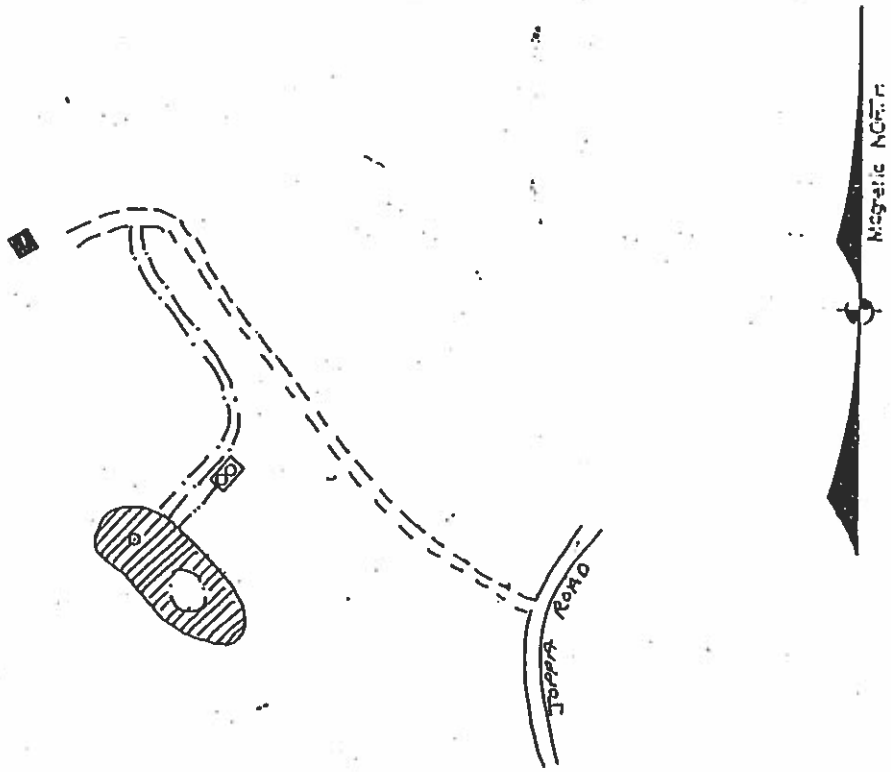
Michael W. Asberry, P.L.S. # 1653, Date

MICHAEL W. ASBERRY REGISTERED LAND SURVEYOR TENNESSEE NO. 1653

800' FEL.

2100' FSL.

SUPPLEMENT TO LOCATION PLAT



Operator: *Pryor Oil Company, Inc.*

Address: *473 Northshore Parkville, MO 64151*

Well name and/or number: *Hill-Upchurch unit # 1*

Surface owner: *Fay Hill, Et vir*

217 Joppa Road

Alpine, Tennessee 38543

0 200' 400'

GRAPHIC SCALE: 1"=200'

LEGEND:

Paved road
Improved road
Unimproved road
Access road
Well Location
Tank battery
Flow line
Pit
Disturbed area
Residence
Barn

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 2453
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

04/11/00

Michael W. Asberry, P.L.S. # 1653, Date

MICHAEL W. ASBERRY REGISTERED LAND SURVEYOR TENNESSEE NO. 1653

1-2S-52E

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO ✓

IMPORTANT: See Reverse Side

WELL PERMIT NO. 11717

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

RECEIVED
APR 0 8 2008
TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE
Fee $150 CK # 1142
Approval Date 4/10/08
Approved By
Plat OK
Bond SC SC
API No. 41-133-20282

APPLICATION FOR PERMIT TO DRILL

1. Well operator: Overton Oil & Gas Telephone: 931-397-0315
2. Permanent address: 376 S. Lowe Ave. Suite A #385 Cookeville, TN 38501
3. Address for mailing permit: (same)
4. Farm owner (lessor) or unit: Ralph Smith Well no: Johnny B #1
5. Farm owner's mailing address: 545 Winston LN Alpine, TN 38543
6. County: Overton 7-1/2' Topo. Quad.(Name) Alpine
7. Carter Coordinates:
   1640 (FNL) ~~FSL~~ 2 ~~FEL~~ (FWL) Sec. 1 Carter Quad 2 ~~N~~ (S) 52 (E) ~~W~~
8. Distance & direction from nearest town or postoffice: 2.17 Northeast of Alpine
9. Ground elevation: 946 Proposed total depth: 400'
10. Name of deepest geological formation to be tested: Fort Payne
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas____
    Other____
12. Name of contractor: TN Rotary Drilling
13. Address: 2269 Hilham Hwy Livingston, TN 38570
14. To be drilled by Rotary: ✓ Cable tools____ Combination____
15. Distance from nearest property line; or unit line if unit: 823
16. Distance to nearest well, regardless of Status (within 3000 ft.) 20'
17. Single well bond: Cash ✓ Surety____ Blanket bond: Cash____ Surety____
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☑

Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)

19. Surface casing program for rotary rig: Size 7" Length 225
    yes (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size____ Length____
    N/A
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address:____

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1 RDA 1910
CN-0211 (Rev 6-93)

IMPORTANT: *Each operator is expected to be familiar with the State of Tennessee Oil and Gas Rules and Regulations.* In the event any assistance is required, write the Supervisor, State Oil and Gas Board, 13th Floor L&C Tower, 401 Church Street, Nashville, Tennessee 37243-0445 or call 615/532-0166 and ask for the Supervisor or his assistance.

NOTICE

The Oil and Gas Board requires that application for permits shall be sworn to and properly acknowledge before a Notary Public or other officer authorized to take oath, that the permittee is a valid owner or represents valid owners of oil and gas rights in the land on which the wells is to be drilled, or is located, and has otherwise complied with all of the terms and conditions of the rules and regulations promulgated by the Oil and Gas Board as well as Title 60, Tennessee Code Annotated.

Donald Reedy
Signature of Applicant

AFFIDAVIT

STATE OF Tennessee

COUNTY OF Putnam

Before me, the undersigned authority, on this day personally appeared Donald Reedy, known to me to be the person whose name is subscribed to the above application for permit, who being duly sworn on oath, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 7th day of April, 2008

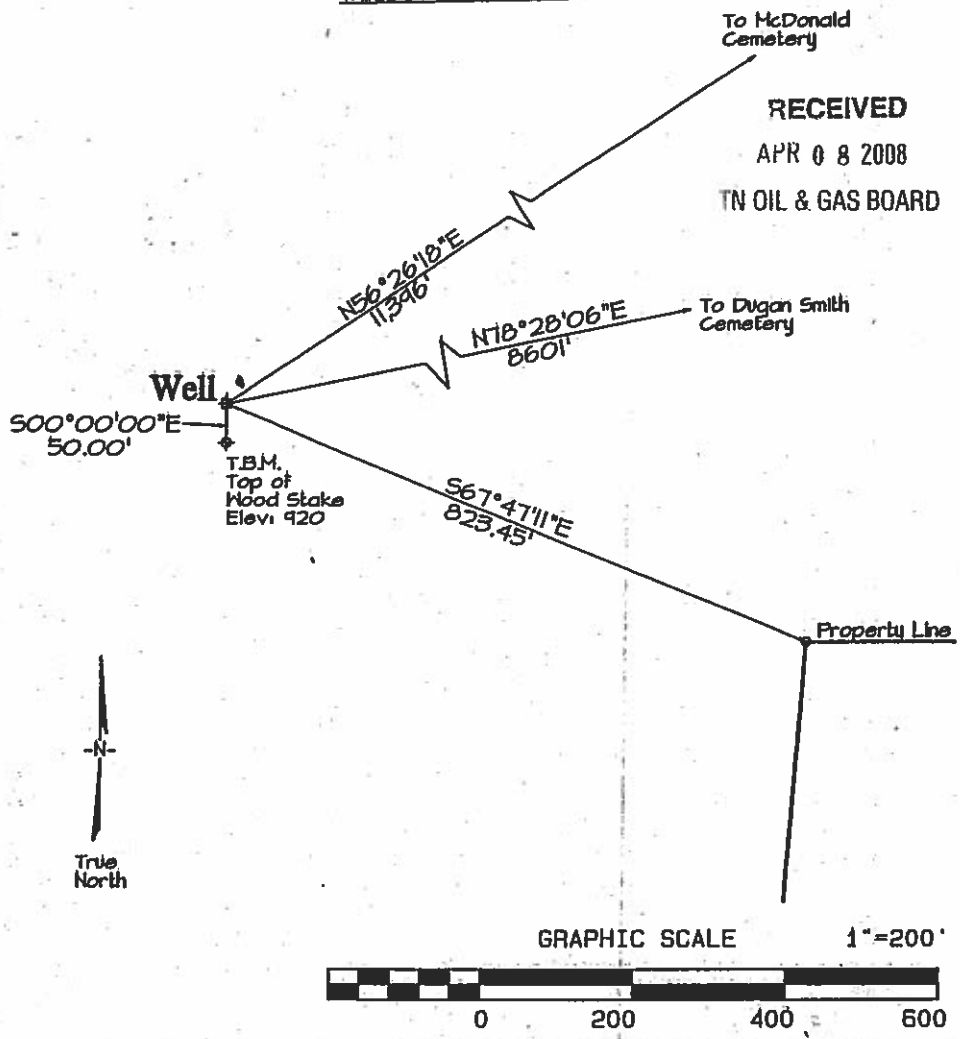
My commissioner expires 3-19-2012

PENNY L. LOFTIS STATE OF TENNESSEE NOTARY PUBLIC

Penny L Loftis

NOTICE: Permits are not in any way to be construed as a certification by the State of Tennessee that any property interest in the premises covered by a permit is vested in the permittee. It is issued solely under the regulatory powers vested in the Tennessee Oil and Gas Board under the provisions of Title 60 of the Tennessee Code Annotated for the purposes recited in said code section and the rules and regulations promulgated by the Board pursuant to said code section.

WELL LOCATION PLAT

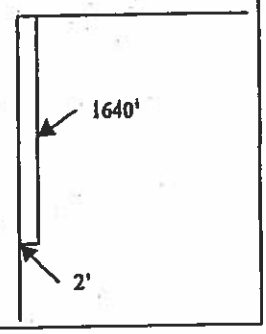


RECEIVED
APR 0 8 2008
TN OIL & GAS BOARD

Operator: Overton Oil & Gas
Address: 370 South Lowe Ave. Suite A # 385, Cookeville TN 38501
Well Name and/or Number: Johnny B #1
Surface Owner: Ralph Smith
County: Overton State: Tennessee
Distance and Direction from Nearest Town: 2.17 miles Northeast of Alpine.
Acreage in Drill Site Tract: 58
Ground Elevation: 946

Quadrangle: Alpine
Sec. 1 2 S 52 E
1640' FNL 2' FWL

Survey and Plat by:
Clinton Surveying Services
380 South Lowe Avenue Suite 6
Cookeville, Tennessee 38501 ph.(931) 372-0427



I HEREBY CERTIFY THIS PLAT TO BE TRUE AND ACURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE: 11/4/08 DRAWING NO. 07-370

SEAL

BRADY C PHILLIPS
REGISTERED LAND SURVEYOR
AGRICULTURE
COMMERCE
No. 2488
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL AND GAS BOARD
6th FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

API Well No. _____
Field Name _____
CSD Class _____ (For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION
Operator: JTS Resources Inc
Permit No. 11717
Farm Name: Ralph Smith JB
Well No. 1

TYPE OPERATION (Check One)
New Well ✓
Workover
Deepening

LOCATION 7 1/2' quad: Alpine
County: Overton
Carter Coordinates: 2 (Section) S — Quad — E 52
Footage from Section lines: 1640' from N line; 2 from W line

ELEVATION 945 (ground) _____ (D.F.) (K.B.)

TOTAL DEPTH 438'
Driller's Log
Geophysical Log _____

OPERATIONAL DATES
Date Commenced: May 08
Date Drilling Completed: May 2008
Date Logged: 6/6/08
Date Placed in Operation: X (IF PRODUCING, INJECTION, ETC.)
(IF DRY HOLE)
Date Shut-in: X
(IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Rotary Tools
Conventional-from ____ to ____
Air-from 0 to 438' (Depths)
Table Tools from ____ to ____ (Depths)
Drill Contractor(S): Tennessee Rotary Inc
Address _____

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(electrical, induction, sonic, gamma ray, neutron, density, etc.)

TYPE OF COMPLETION
Dry Hole
Pressure Maintenance or Secondary Recovery
Water Injection
Gas Injection
Gas Storage
Injection-Extraction
Observation
Shut-in or Producing
SERVICE WELL:
Saltwater Disposal
Water Supply
Observation Well
Other

INITIAL PRODUCTION
Oil (bbl/day)
Gas (MCF/day)
Water (bbl/day)
Pumping / Flowing
Natural / After treatment
GOR
Hours tested
Pressure; Tubing
(In psi) Casing
Disposition of gas
(State whether vented, used for fuel, or sold)
Oil Gravity (°API)
Choke size ____ shut-in ____ flowing
shut-in ____ flowing

PRODUCING INTERNAL
Formation Name(s) | Interval(s)

WELL TREATMENT (check applicable boxes)
In open hole | Thru perforation
Shot ____ qts. ____ Interval
Shot ____ qts. ____ Interval
Acid ____ gals. ____ Interval
Acid ____ gals. ____ Interval
Fracture ____ gals. ____ Interval
____ lbs/sand
Fracture ____ gals. ____ Interval
____ lbs/sand

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
7"	210'	45	

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths-Top Base)	Formation	Remarks (Shows of oil and/or gas, full up tests, Dist's, Corps, Etc.)

RECEIVED
AUG 2 9 2008
TN OIL & GAS BOARD

(See reverse side)

RDA 222

I-0221

Executed this the 25 day of August 2008

State of Tennessee }

County of Pickett }

Signature of Affiant

Donald Reedy

Before me, the undersigned authority on this day personally appeared Donald Reedy known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 25 day of August 2008

LAURA BROWN
STATE OF TENNESSEE NOTARY PUBLIC
PICKETT COUNTY

Laura Brown

Notary Public in and for Pickett County, Tennessee

My commission expires April 4, 2010

FORMATION RECORD

Permit No. _____

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	24	Soil			
24	438	Limestone			
	280	Casing 7"			
	432	TD			

County Overton
Quad Alpine
Carter's _____ T 25 R 5E
FNL 1640 FEL _____
FSL _____ FWL 2

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL AND GAS BOARD
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TN 37243-1534

Permit No. 11717

PLUG AND ABANDON REPORT

NOTICE: TO BE FILED WITHIN 30 DAYS FROM DATE WELL IS PLUGGED

RECEIVED
AUG 13 2008
TN OIL & GAS BOARD

OPERATOR JTS Resources — Overton Oil & Gas

FARM NAME Ralph Smith Jonnie B WELL NO. #1

Date Plugged June 6 2008 Total Depth 438

Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement.

set brush plug at 242' with 10 sacks
set brush plug at 42' with 5 sacks

Did not witness

*NOTE: You must have inspector sign Jeff T Smith

Was well filled with cement? No

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

State of Tennessee
County of Overton

Donald Reedy
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Donald Reedy known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct. Said affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

Subscribed and sworn to before me this 12th day of August 2008

SEAL STATE OF TENNESSEE NOTARY PUBLIC OVERTON COUNTY

My commission expires 04.09.2011

Lisa Hawk
Notary Public in and for Overton County, Tennessee

CN-0217 (Rev. 4/83)

RDA 1010

TENNESSEE WELL SUMMARY TICKET

PERMIT #			API # *41-133-TEMP02793*
APPROVED:	FIELD NAME:	DEVEL ☐ EXPLOR ☐ NFW ☐ OP ☐	REPORT DATE:
FARM NAME / WELL #: *Lonnie Richard Smith #unit 17*		OPERATOR: *Overton Oil & Gas*	
COUNTY: *Overton*	QUAD NAME: *Alpine*	CARTER COORD'S: *1-2S-52E* *900 FSL, 1575 FWL*	
ELEVATION: *697.9*	SPUD DATE: / TD DATE:	PROP TD: *2500*	ACTUAL TD: *0 (L: 0)* / TD FORM: *Unknow*

	TN COORD'S	LATITUDE	LONGITUDE
NAD 27:	*732850 North - 2241920 East*	*36° 24' 8.9"*	*85° 10' 40.7"*
NAD 83:	*N/A*	*N/A*	*N/A*

WELL HISTORY: *No*

SAMPLES SUBMITTED: *No*

SAMPLES PROCESSED: *No*

SAMPLE STUDY: *No* PLUG & ABANDON REPORT: *No*

SAMPLES: LETTER ON FILE ☐ DISCARDED ☐ LOST ☐

INITIAL POTENTIAL: *Not Classed - 0 BOPD, 0 MCF/D - 0 Hour Oil Test, 0 Hour Gas Test*

CASING RECORD:

GEOPHYSICAL LOGS: *No*

COMMENTS:

CHANGES AND OTHER INFORMATION ON FILE	
DATE	DESCRIPTION

SHOW / PAY ZONES		
FORMATION	TYPE	RANGE

FORMATION TOP INCEPTIONS (BY SOURCE):	
FROM GEOLOGIST	
FROM SAMPLE S	
FROM GEOPHYSICAL LOGS	
FORMATION	WELL HIST

Not Drilled

TENNESSEE WELL SUMMARY TICKET

PERMIT #					API # *41-133-TEMP02798*
APPROVED:	FIELD NAME:			DEVEL ☐ EXPLOR ☐ NFW ☐ OP ☐	REPORT DATE:
FARM NAME / WELL #: *Myrna Bayer Revocable Trust #9R*				OPERATOR: *Overton Oil & Gas*	
COUNTY: *Overton*	QUAD NAME: *Alpine*			CARTER COORD'S: *1-2S-52E* *1940 FSL, 2265 FWL*	
ELEVATION: *841.1*	SPUD DATE:	TD DATE:		PROP TD: *2500*	ACTUAL TD: *0 (L: 0)* / TD FORM: *Unknow*

	TN COORD'S	LATITUDE	LONGITUDE
NAD 27:	*733900 North - 2242610 East*	*36° 24' 19.2"*	*85° 10' 32.3"*
NAD 83:	*N/A*	*N/A*	*N/A*

WELL HISTORY: *No*

SAMPLES SUBMITTED: *No*

SAMPLES PROCESSED: *No*

SAMPLE STUDY: *No* PLUG & ABANDON REPORT: *No*

SAMPLES: LETTER ON FILE ☐ DISCARDED ☐ LOST ☐

INITIAL POTENTIAL: *Not Classed - 0 BOPD, 0 MCF/D - 0 Hour Oil Test, 0 Hour Gas Test*

CASING RECORD:

GEOPHYSICAL LOGS: *No*

COMMENTS:

CHANGES AND OTHER INFORMATION ON FILE	
DATE	DESCRIPTION

SHOW / PAY ZONES		
FORMATION	TYPE	RANGE

FORMATION TOP INCEPTIONS (BY SOURCE):		
		FROM GEOLOGIST
		FROM SAMPLE S
		FROM GEOPHYSICAL LOGS
FORMATION	WELL HIST	

Not Drilled

2-25-52E

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES_____ NO_____

IMPORTANT: See Reverse Side

WELL PERMIT NO. 9932

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13TH FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

RECEIVED
SEP 06 2002
TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE
Fee $150.00 Ck 1248
Approval Date 9/6/02
Approved By MKB
Plat OK
Bond BC SC
API No. 41-135-21286

APPLICATION FOR PERMIT TO DRILL

1. Well operator: CONSOLIDATED AGARWAL RESOURCES Telephone: (931) 541-0997
2. Permanent address: 530 GAY ST. KNOXVILLE, TN 37902
3. Address for mailing permit:
4. Farm owner (lessor) or unit: RICHARD & ROBERT WINTON Well no: 3
5. Farm owner's mailing address: P.O. BOX 503 LIVINGSTON, TN 38570
6. County: OVERTON 7-1/2' Topo. Quad. (Name) ALPINE, 1979
7. Carter Coordinates:
   2950' ~~FNL~~ (FSL) 1350' ~~FEL~~ (FW). Sec. 2 Carter Quad. 2 ~~N~~ (S) 52 (E) ~~W~~
8. Distance & direction from nearest town or postoffice: 1 mi SE OF OAKDALE ON HARMON SMITH LN
9. Ground elevation: 982.8' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas_____
    Other_____
12. Name of contractor: TALLENT DRILLING, INC.
13. Address: SO. HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools_____ Combination_____
15. Distance from nearest property line; or unit line if unit: 574.49'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 420.00'
17. Single well bond: Cash_____ Surety_____ Blanket bond: Cash_____ Surety_____
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☐
    Surface Casing: (Surface casing program shall comply with Chap II, Sec. 7 of Gen. Rules and Regulations)
19. Surface casing program for rotary rig: Size_____ Length_____
    _____ (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size 7" Length 425'
    _____ (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐
Coal owners and addresses: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined?
Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators named herein.

CN-0211 (Rev. 5-93)

RDA 1910

IMPORTANT: *Each operator is expected to be familiar with the State of Tennessee Oil and Gas Rules and Regulations.* In the event any assistance is required, write the Supervisor, State Oil and Gas Board, 13th Floor, L&C Tower, 401 Church Street, Nashville, Tennessee 37243-0445 or call 615/532-0166 and ask for the Supervisor or his assistance.

NOTICE

The Oil and Gas Board requires that application for permits shall be sworn to and properly acknowledged before a Notary Public or other officer authorized to take oath, that the permittee is a valid owner or represents valid owners of oil and gas rights in the land on which the wells is to be drilled, or is located, and has otherwise complied with all of the terms and conditions of the rules and regulations promulgated by the Oil and Gas Board as well as Title 60, Tennessee Code Annotated.

James M Charuk

Signature of Applicant

AFFIDAVIT

STATE OF Texas

COUNTY OF Harris

Before me, the undersigned authority, on this day personally appeared James M. Charuk known to me to be the person whose name is subscribed to the above application for permit, who being duly sworn on oath, states that he executed the above instrument and that the statements made in said application are true and correct.

Subscribed and sworn to before me this 5th day of September, 2002

My Commission expires

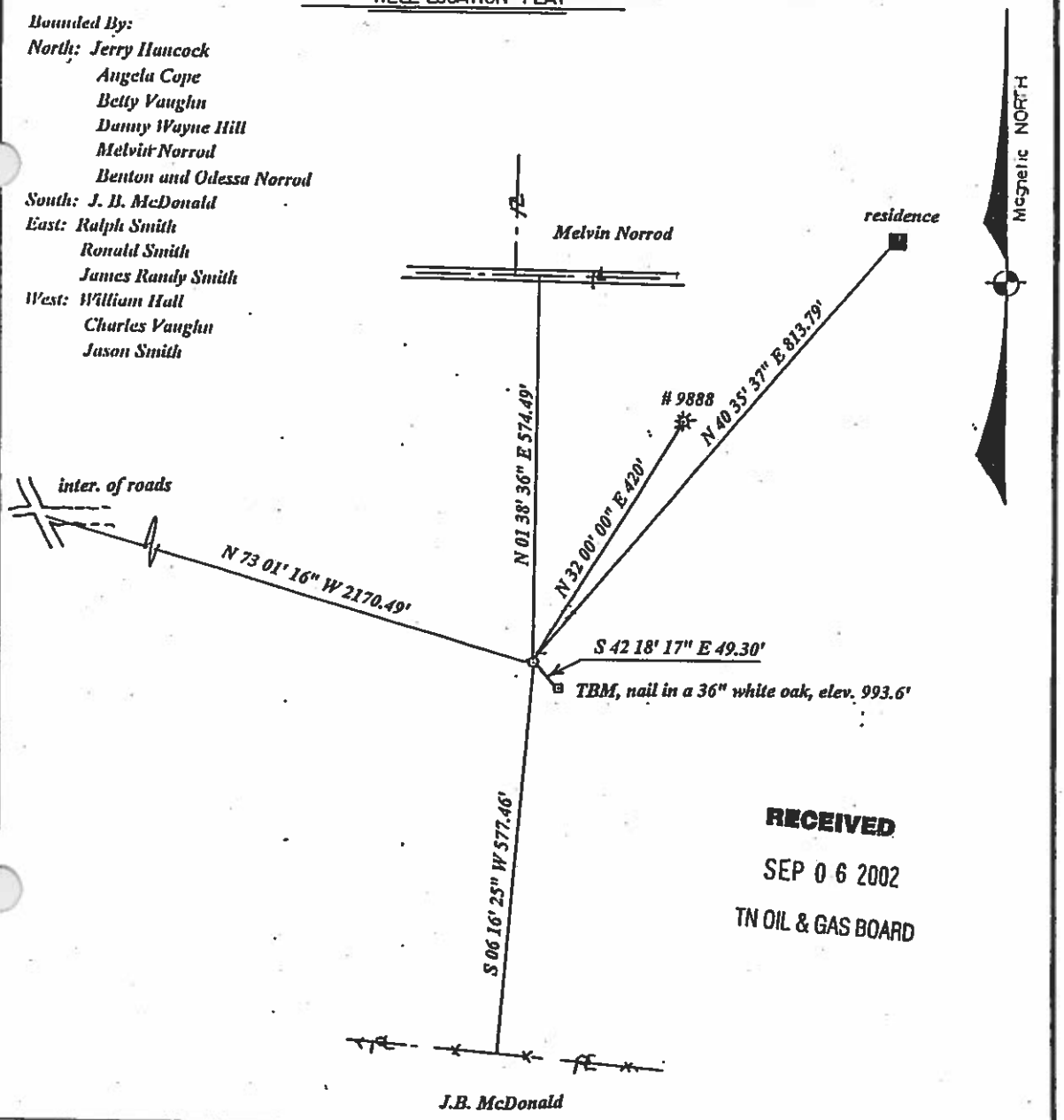
JIMMIE SUE SWILLEY
Notary Public, State of Texas
My Commission Expires
10-14-2003

Jimmie Sue Swilley

NOTICE: Permits are not in any way to be construed as a certification by the State of Tennessee that any property interest in the premises covered by a permit is vested in the permittee; it is issued solely under the regulatory powers vested in the Tennessee Oil and Gas Board under the provisions of Title 60 of the Tennessee Code Annotated for the purposes recited in said code section and the rules and regulations promulgated by the Board pursuant to said code section.

WELL LOCATION PLAT

Bounded By:
North: Jerry Hancock
Angela Cope
Betty Vaughn
Danny Wayne Hill
Melvin Norrod
Benton and Odessa Norrod
South: J. B. McDonald
East: Ralph Smith
Ronald Smith
James Randy Smith
West: William Hall
Charles Vaughn
Jason Smith



RECEIVED
SEP 0 6 2002
TN OIL & GAS BOARD

Operator: *Consolidated Agarwal Resources*
Address: *530 Gay Street Knoxville, Tennessee 37902*

Well name and/or number: *3*

Surface owner: *Richard and Robert Winton*

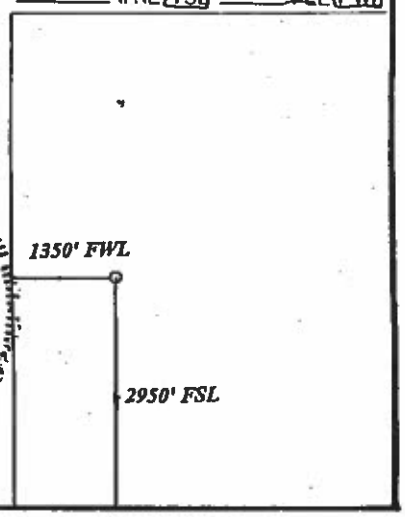
County: *Overton*

Distance and direction from nearest town: *One mile southeast of Oak Dale on the Harmon Smith Lane*

Acreage in drillsite tract: *196* Ground elevation: *982.8'*

0 200' 400'
GRAPHIC SCALE: 1"=200'

Quadrangle *Alpine, 1979*
Sec. *2*, *2* S *52* E
2950' FSL *1350'* FWL

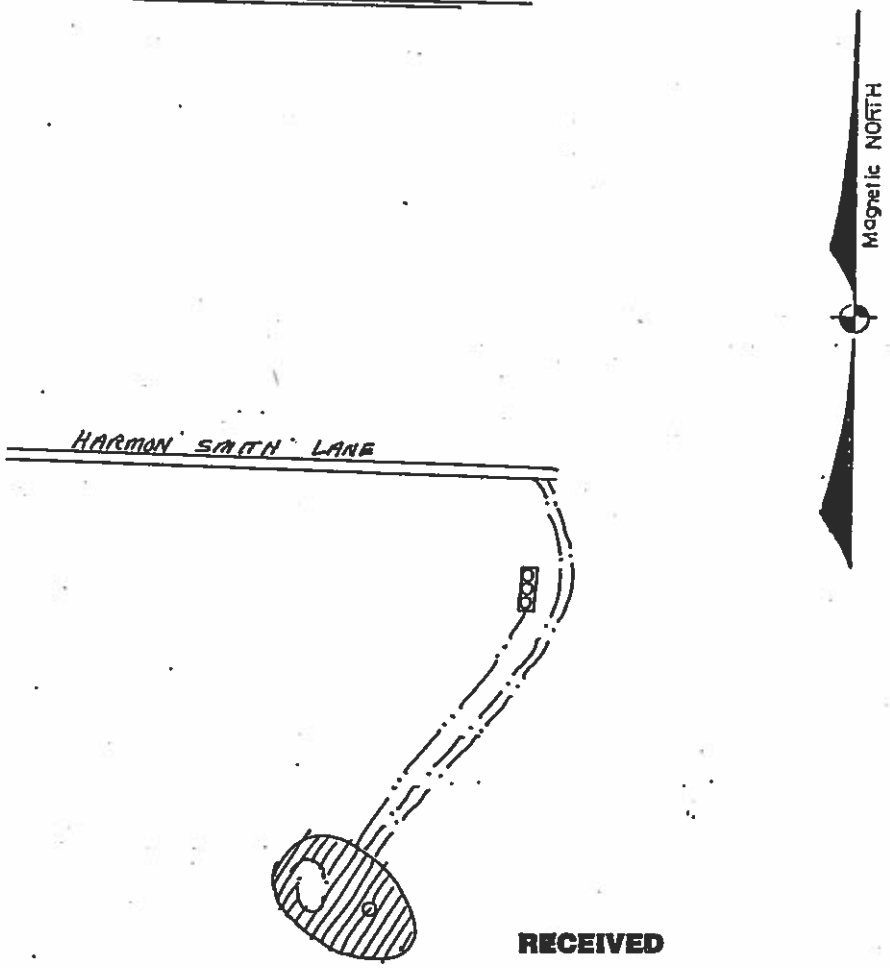


Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3553
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6282

09/03/02
Michael W. Asberry, P.L.S. # 1653, Date

SUPPLEMENT TO LOCATION PLAT



RECEIVED

SEP 0 6 2002

TN OIL & GAS BOARD

Operator: *Consolidated Agarwal Resources*

Address: *530 Gay Street Knoxville, Tennessee 37902*

Well name and/or number: 3

Surface owner: *Richard and Robert Winton*

P.O Box 503

Livingston, Tennessee 38570

0 200' 400'

GRAPHIC SCALE: 1"=200'

LEGEND:

Paved road
Improved road
Unimproved road
Access road
Well Location
Tank battery
Flow line
Pit
Disturbed area
Residence
Barn

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # [illegible]
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

09/03/02

Michael W. Asberry, P.L.S. # 1653, Date

FNL _____ FEL _____
FSL _____ FWL _____

401 CHURCH ST - 13th FLOOR
NASHVILLE, TN 37243-0445

Permit # 9932

PLUG AND ABANDON REPORT
NOTICE: TO BE FILED WITHIN 30 DAYS FROM DATE WELL IS PLUGGED

OPERATOR Consolidated AGarwal

FARM NAME Winton # 3 WELL NO. 3

Date Plugged 1/14/03 Total Depth 830

Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement.

6 bgs cement in bottom with 25 ft of cuttings.
bottom of bridge plug at 415 filled with 8 bgs cement and cuttings
bottom of bridge plug at 50 ft filled with 6 bgs of cement and
dirt and cutting to top.

Was well filled with cement? _____

*NOTE: You must have inspector sign Glenn Burke (MKB)

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

State of Tennessee
County of Davidson

Janson Church
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct. And affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

Subscribed and sworn to before me this 30 day of January 19 2003

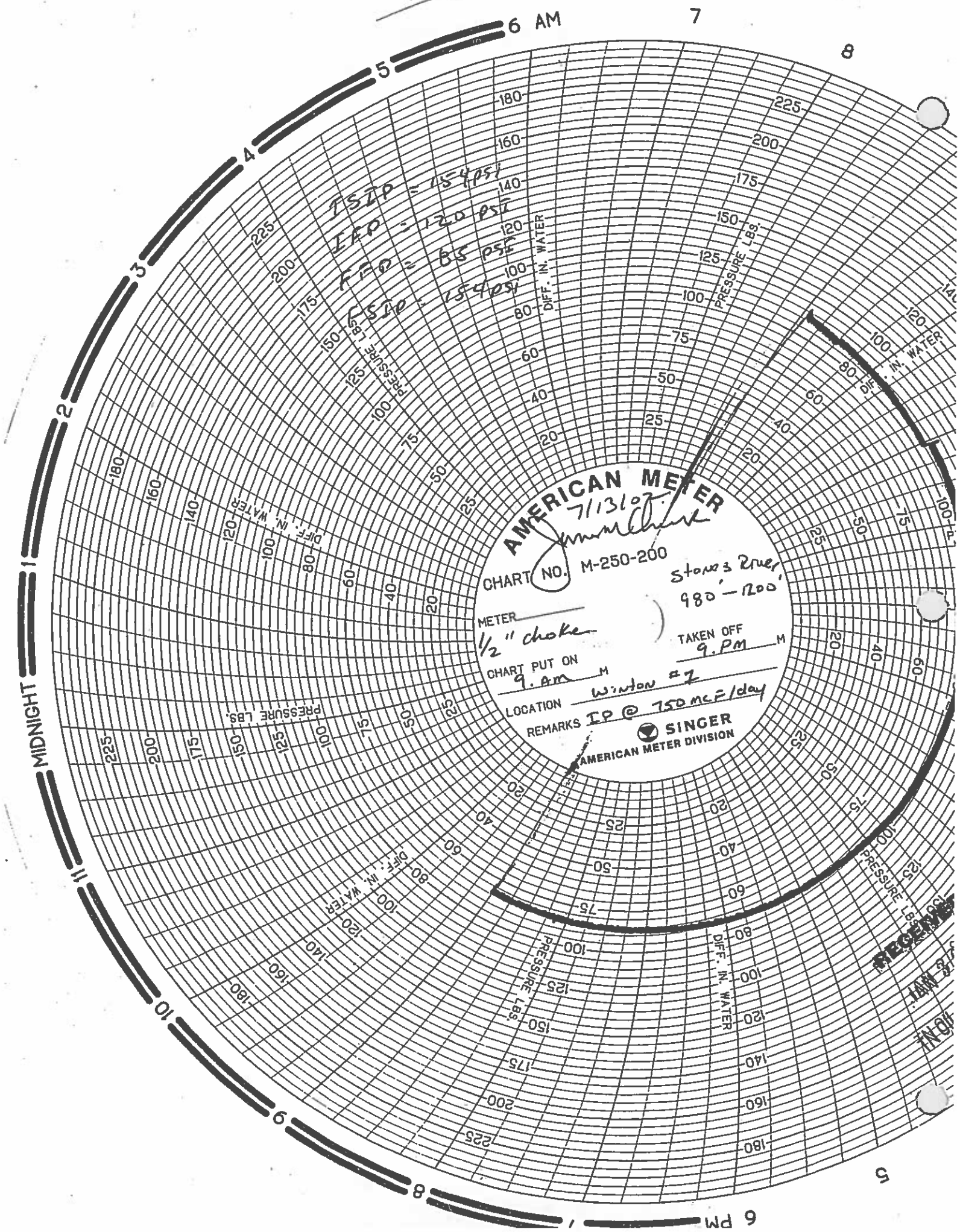
SEAL

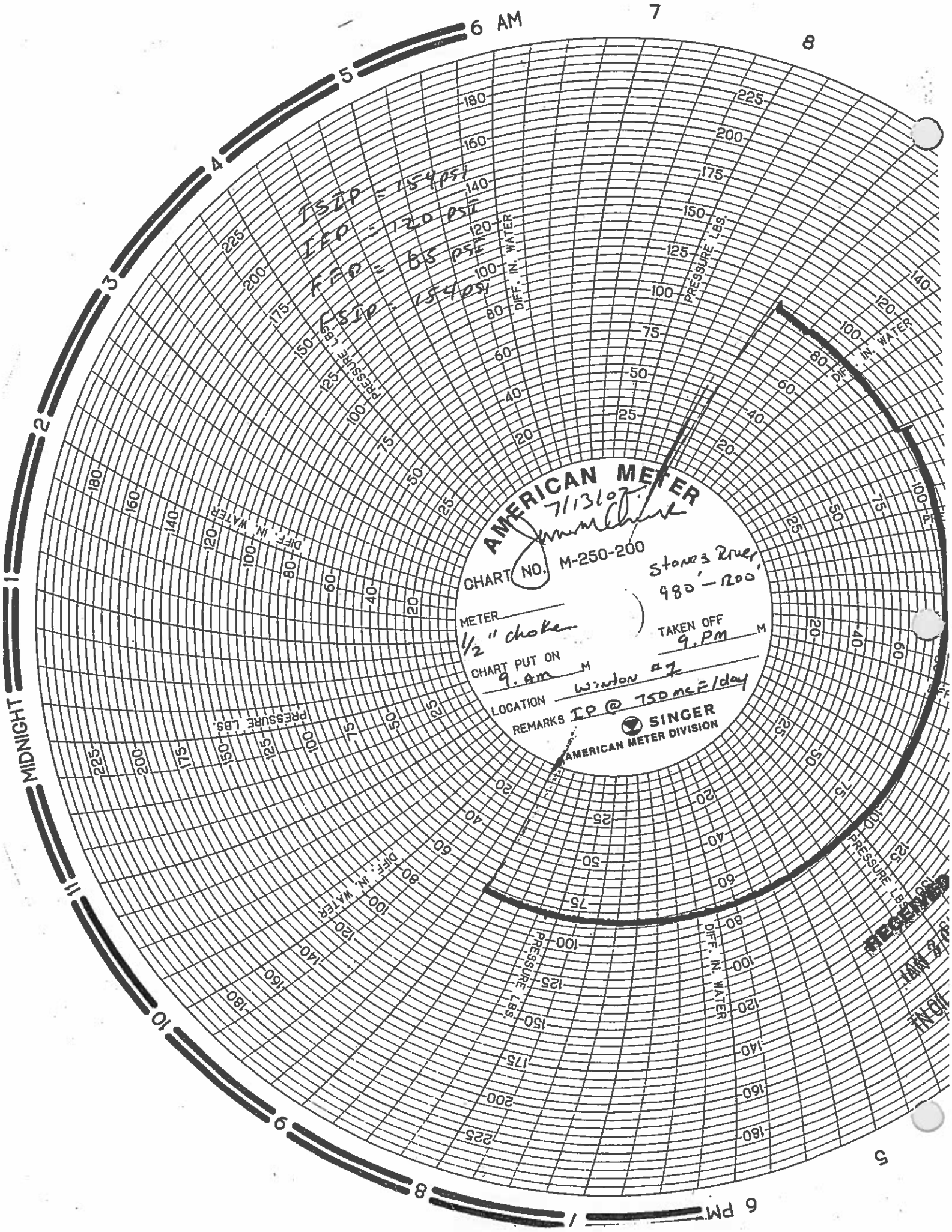
My commission expires 3-27-04

Monya Etta Bradley
Notary Public in and for Tennessee
County. Davidson (at large)

Form R-P & A-1
N-0217
Revised 4/83)

p.2


AMERICAN METER
7/13/07
CHART NO. M-250-200
Stones River
980' – 1200'
METER
1/2" choke
TAKEN OFF
9. PM M
CHART PUT ON
9. Am M
LOCATION Winton #7
REMARKS IP @ 750 mcf/day
SINGER
AMERICAN METER DIVISION
TSIP = 154 psi
IFP = 120 psi
FFP = 65 psi
FSIP = 154 psi
PRESSURE LBS.
DIFF. IN. WATER
MIDNIGHT
6 AM
6 PM


AMERICAN METER
7/13/07
CHART NO. M-250-200
Stones River
980' – 1200'
METER 1/2" choke
TAKEN OFF 9 PM
CHART PUT ON 9 AM
LOCATION Winton #7
REMARKS IP @ 750 mcf/day
SINGER
AMERICAN METER DIVISION
ISIP = 145 psi
IFP = 120 psi
FFP = 65 psi
FSIP = 154 psi
PRESSURE LBS.
DIFF. IN. WATER
MIDNIGHT
6 AM
6 PM
RECEIVED

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED

NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION Permit No. 9932

Operator: Consolidated Agarwal

Farm Name: Richard + Robert Winton Well No. 3

TYPE OPERATION (Check One)

- New Well ☑
- Workover ☐
- Deepening ☐

LOCATION 7½' quad: Alpine

County: Overton

Carter Coordinates: 2 (Section) 2 N or (S) 52 (E) or W — Quad

Footage from Section Lines: 2950 from N line (S) 1350 from E line (W)

ELEVATION 982.8 (ground) GL (D.F.) (K.B.)

TOTAL DEPTH Drillers's Log 830' Geophysical Log

OPERATIONAL DATES

Date Commenced: Sept 2/02 Date Drilling Completed: Sept 8/02

Date Plugged: 1/14/03 (IF DRY HOLE) Date Placed in Operation (IF PRODUCING, INJECTION, ETC.)

Date Shut-In: 9/9/02 (IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD

Rotary Tools: Conventional—from 0 to 830

Cable Tools from ____ to ____ (Depths)

Air—from 0 to 830 (Depths)

CONTRACTOR(S): Tallent Drilling

Address: 56 Hwy 127 Albany, Ky 42602

TYPE(S) OF GEOPHYSICAL LOGS RUN: (Electrical, induction, sonic, gamma ray, neutron, derisity, etc.)

None

TYPE OF COMPLETION

- Dry Hole ☒
- Oil ☐
- Gas ☐

Shut-In or Producing: ~~SI~~ D+A

Pressure Maintenance or Secondary Recovery

- Water Injection ☐
- Gas Injection ☐

Gas Storage:

- Injection-Extraction ☐
- Observation ☐

SERVICE WELL:

- Saltwater Disposal ☐
- Water Supply ☐
- Observation Well ☐

Other

INITIAL PRODUCTION

Oil (bbl/day) ____ ☐ Pumping ☐ Natural

Gas (MCF/day) ____ ☐ Flowing ☐ After treatment

Water (bbl/day) ____ GOR ____

Hours tested ____ Choke size ____

Pressure: Tubing ____ ☐ shut-in ☐ flowing

(in psi) Casing 60 ☑ shut-in ☐ flowing

Disposition of gas (State whether vented, used for fuel, or sold)

Oil gravity (°API)

PRODUCING INTERNAL

Formation Name(s)	Interval(s)
Sunny Brook	500 – 530
"	650
"	830

WELL TREATMENT (check applicable boxes)

		In open hole	Thru perforation
Shot ____ qts.	Interval	☐	☐
Shot ____ qts.	Interval	☐	☐
Acid ____ gals.	Interval	☐	☐
Acid ____ gals.	Interval	☐	☐
Fracture ____ gals. ____ lbs/sand	Interval	☐	☐
Fracture ____ gals. ____ lbs/sand	Interval	☐	☐

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	40		Pulled
7"	402	60 Bags	—

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths—Top Base)	Formation	Remarks (Shows of oil and/or gas, full-up tests, Dist'a. Corps, Etc.)
~~FTP~~ 225	Ft. Payne	gas, sulfur
~~Sun~~		

Executed this the 29th day of January 03

State of Texas
County of Harris

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared James Charuk known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 29th day of JANUARY 03

SEAL

ROSEMARY WOLF
Notary Public
State of Texas
My Commission Expires
November 3, 2006

My commission expires

Notary Public in and for TEXAS

County. HARRIS

FORMATION RECORD
Permit No.

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	36	Soil + clay			
		40' of 9 5/8 casing			
36	225	Grey limestone			
225	270	white-green limestone FT Payne			
270	372	Green shaley limestone			
372	398	Black Shale			
		cemented 402' of 7" casing			
398	720	grey limestone			
720	830	black shaley limestone.			

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TN OIL & GAS BOARD

COMPLETION REPORT

WELL IDENTIFICATION

Permit # _____

Operator Consolidated Argilwall

Farm Name Winton

Well No. 3

TYPE OPERATION

Re-Open .....

New Well ...✓.....

Deepening .....

LOCATION

County Overton

Sec. _____, Letter _____, Number ____

_____ FNL
FSL _____

Elevation _____

Total Depth Drilled 830

Hole Size 6 1/4

OPERATIONAL DATES

Commenced Sept 2

Completed Sept-8

WATER ENCOUNTERED (fresh, salt, sulfur)

Type	from	to
Sulfur	385	396

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JAN 30 2003
TN OIL & GAS BOARD

CASING DATA

Casing Outside Diameter	Hole Diameter	Depth
9 5/8	12'	40' pulled
7"	8 1/2	402' cemented
		60 bgs

OCCURRENCE OF OIL AND GAS

Formation	Interval
Ft Payne	225 gas Sulfur
Sunny brook	500' 530' 650' 830'

FROM	TO	ROCK TYPE (Describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)
0	36	Soil and clay set 40' 9 5/8'
36	225	Grey limestone
225	270	White limestone - with green limestone Ft. Payne
270	372	Green shaley limestone
372	398	Black shale - Cemented 402' 7"
398	720	Grey limestone
720	830	Black shaley limestone.

TD 830'

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FEB 07 2001
TN OIL & GAS BOARD

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
401 CHURCH ST - 13th FLOOR
NASHVILLE, TN 37243-0445

API Well No. ____
Field Name ____
SD Class ____
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION
Operator: PoDurco Energy, Inc. Permit No. 9599
Farm Name: Odessa Darrod Well No. 1

TYPE OPERATION (Check One)
New Well ☐
Workover ☐
Deepening ☐

LOCATION
County: Overton 7½' quad: Alpine 1979
Center Coordinates: 2 (Section) 2S (N or S) 52E (E or W) Quad
Footages from Section Lines: 450 FNL from N line, 1280 FEL from E line

ELEVATION 907.6' (ground) ____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 1200 ft Geophysical Log: ____

OPERATIONAL DATES
Date Commenced: 8-12-00 Date Drilling Completed: 8-17-00
Date Plugged (IF DRY HOLE): ____ Date Placed in Operation (IF PRODUCING, INJECTION, ETC.): ____
Date Shut In (IF SHUT IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION): ____

DRILLING METHOD
Cable Tools: ____ Rotary Tools: Conventional—from ____ to ____
Tools from ____ to ____ (Depths) Air—from 0 to 1200 (Depths)
CONTRACTOR(S): Talbot Drilling, Inc.
Address: Albany, KY 42602
CRR 3 Box 550

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, Induction, sonic, gamma ray, neutron, density, etc.)
N/A

TYPE OF COMPLETION
Dry Hole ☐
Oil ☒
Gas ☐
Pressure Maintenance or Secondary Recovery
Water Injection ☐
Gas Injection ☐
Shut In or Producing: Shut-In

SERVICE WELL:
Saltwater Disposal ☐
Water Supply ☐
Observation Well ☐

INITIAL PRODUCTION
Oil (bbl/day): Est. 1 bbl/day ☐ Pumping ☐ Natural
Gas (MCF/day): ____ ☐ Flowing ☐ After treatment
Water (bbl/day): ____ GOR: ____
Hours tested: ____ Choke size: ____
Pressure: Tubing ____ ☐ shut in ☐ flowing
(in psi) Casing ____ ☐ shut in ☐ flowing
Disposition of gas (State whether vented, used for fuel, or sold): ____
Oil gravity (°API): ____

PRODUCING INTERVAL

Formation Name(s)	Interval(s)
Sunnybrook	805'-810'

WELL TREATMENT (Check applicable boxes)

N/A

		In open hole	Thru perforations
Shot ____ qts.	Interval	☐	☐
Shot ____ qts.	Interval	☐	☐
Acid ____ gals.	Interval	☐	☐
Acid ____ gals.	Interval	☐	☐
Fracture ____ gals ____ lbs/sand	Interval	☐	☐
Fracture ____ gals. ____ lbs/sand	Interval	☐	☐

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8"	52'	cement basket	
7"	380'	+ shoe, cement	
		circulated to	
		surface	

Executed this the ____ day of ____, 19____

State of ____
County of ____

Signature of Affiant

Before me, the undersigned authority, on this day personally appeared ____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this ____ day of ____, 19____

Executed this the 30th day of January 19 2001

State of Kentucky }
County of Laurel }

Tilmond Durham
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Tilmond Durham known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 30th day of January 19 2001

SEAL

Donna Schett

My commission expires 04-20-04

Notary Public in and for State of Kentucky

County. Laurel

FORMATION RECORD
Permit No. 9599

From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (Describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)

TALLENT DRILLING WELL LOG AND COMPLETION REPORT

(606) 387 8327
(606) 387 8365
(606) 387 8710

ROCK TYPE
(Describe rock types and other materials penetrated and record occurrences of oil, gas, and water from surface to total depth)

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[illegible]

From	To	
0	20	Sandy soil
20	48	Broken brown sandstone
48	110	Medium gray hard crystalline limestone
110	170	Broken sandstone and shale
170	250	Dark gray limestone with white chert nodules.
250	340	Olive green limestone and shale
340	345	(Beaver) Brown cherty reef limestone
345	375	Chattanooga Black Shale
375	400	Pale green to brownish green limestone
400	480	Medium brown limestone coarse grained
480	640	Black brown limestone with white calcite crystals
640	810	Medium brown crystalline limestone (Show of oil & gas 805'-810')
810	870	Gray silty limestone
870	875	Mud cave
875	890	Broken brown limestone
890	894	Green pencil cave
894	930	Light tan to pale green limestone
930	932	Carter cave
932	1110	Light tan clean limestone
1110	1200	Medium brown limestone with black chert stringers
		TD 1200'

RECEIVED

JUL 2 1 2000

TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE
SAMPLES REQUIRED: YES ✓ NO ____

IMPORTANT: See Reverse Side

WELL PERMIT NO. 9599

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13TH FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

DO NOT WRITE IN THIS SPACE
Fee $150.00
Approval Date 8/10/2000
Approved By HKB
Plat OK MIK
Bond BS SS
API No. 41-133 - 21626

APPLICATION FOR PERMIT TO DRILL

1. Well operator: PODURCO ENERGY, INC. Telephone: (606) 864-4863
2. Permanent address: 1383 SASSOC SCHOOL RD LONDON, KY 40744
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: ODESSA NORROD Well no: 1
5. Farm owner's mailing address: 207 HARMON SMITH RD MONROE, TN 38573
6. County: OVERTON 7-1/2' Topo. Quad. (Name) ALPINE 1979
7. Carter Coordinates:
   450' (FNL), ~~FSL~~ 1280' (FEL), ~~FWL~~ Sec. 2 Carter Quad. 2 ~~N~~ (S) 52 (E) ~~W~~
8. Distance & direction from nearest town or postoffice: 2 mi. NE of ALPINE OFF HARMON SMITH RD.
9. Ground elevation: 907.6' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ____
    Other ____
12. Name of contractor: A & P. Drilling, INC.
13. Address: P.O. Box 233 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools ____ Combination ____
15. Distance from nearest property line; or unit line if unit: 406.13'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 1380'
17. Single well bond: Cash ____ Surety ____ Blanket bond: Cash ____ Surety ✓
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☒
    Surface Casing: (Surface casing program shall comply with Chap II, Sec. 7 of Gen. Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length 400 Ft
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size ____ Length ____
    N/A
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐
Coal owners and addresses:
N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined?
Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators named herein.

CN-0211 (Rev. 6-93)

RDA 1910

IMPORTANT: See Reverse Side

WELL PERMIT NO. .....

FORM PAD 3 CHG3F

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
401 CHURCH ST - 13th FLOOR
NASHVILLE, TN 37243-0445

DO NOT WRITE IN THIS SPACE
Fee $25.00
Approval date 5/8/2001
Approved by
Plat OK
Bond B.S. SS

RECEIVED
MAY 09 2001
TN OIL & GAS BOARD

APPLICATION TO CHANGE OPERATORS

PART I-TO BE COMPLETED BY OLD (ORIGINAL) OPERATOR

Description of Well as Permitted:

Permit No. 9599 Date permitted 8/16/2000

Operator Rodurco Energy, Inc

Permanent address 1383 Sasser School Road
London, Kentucky 40744 Telephone No. (606) 864-4863

Lessor or Unit Odessa Dorrod Well No. 1

County Overton Field Alpine

Carter Coordinates:

450 (FNL,FSL) 1280 (FEL,FWL) Sec. 2 Carter Quad. 2 N(S) 52 (E,W)

Elevation 907.6 Proposed total depth 2000

Deepest formation to be tested Knox

Purpose of well:

Oil ☒ Gas ☐ Injection ☐ Geologic test ☐ Other.....

Rotary tools ☐ Cable tools ☐

Proposed or actual casing program 52' of 9 5/8", 380' of 7"

Present Status of Well:

Shutin ☒ Location ☐ Drilling ☐ Producing ☐ Abandoned ☐ Total depth 1200'

Have all samples and well data been filed with the State Oil and Gas Supervisor? Yes ☒ No ☐

Has operator (old) complied with all requirements of the State Oil and Gas Board on this operation? Yes ☒ No ☐

If answer to either of above questions is no, explain:.....

Tilmond Durham Pres
SIGNATURE OF OLD OPERATOR
Tilmond Durham, Pres.

PART II-TO BE COMPLETED BY NEW OPERATOR

Operator (New): Consolidated Gas, Inc

Permanent address: 935 North Main Street
Barbourville, Kentucky 40906 Telephone No. (606) 546-4476

Has organization report been filed? Yes ☒ No ☐

Bond Status:

Single well: Cash ☐ Surety ☐

Blanket: Cash ☐ Surety ☒

Is operator in violation of any State regulations on other operations? Yes ☐ No ☒

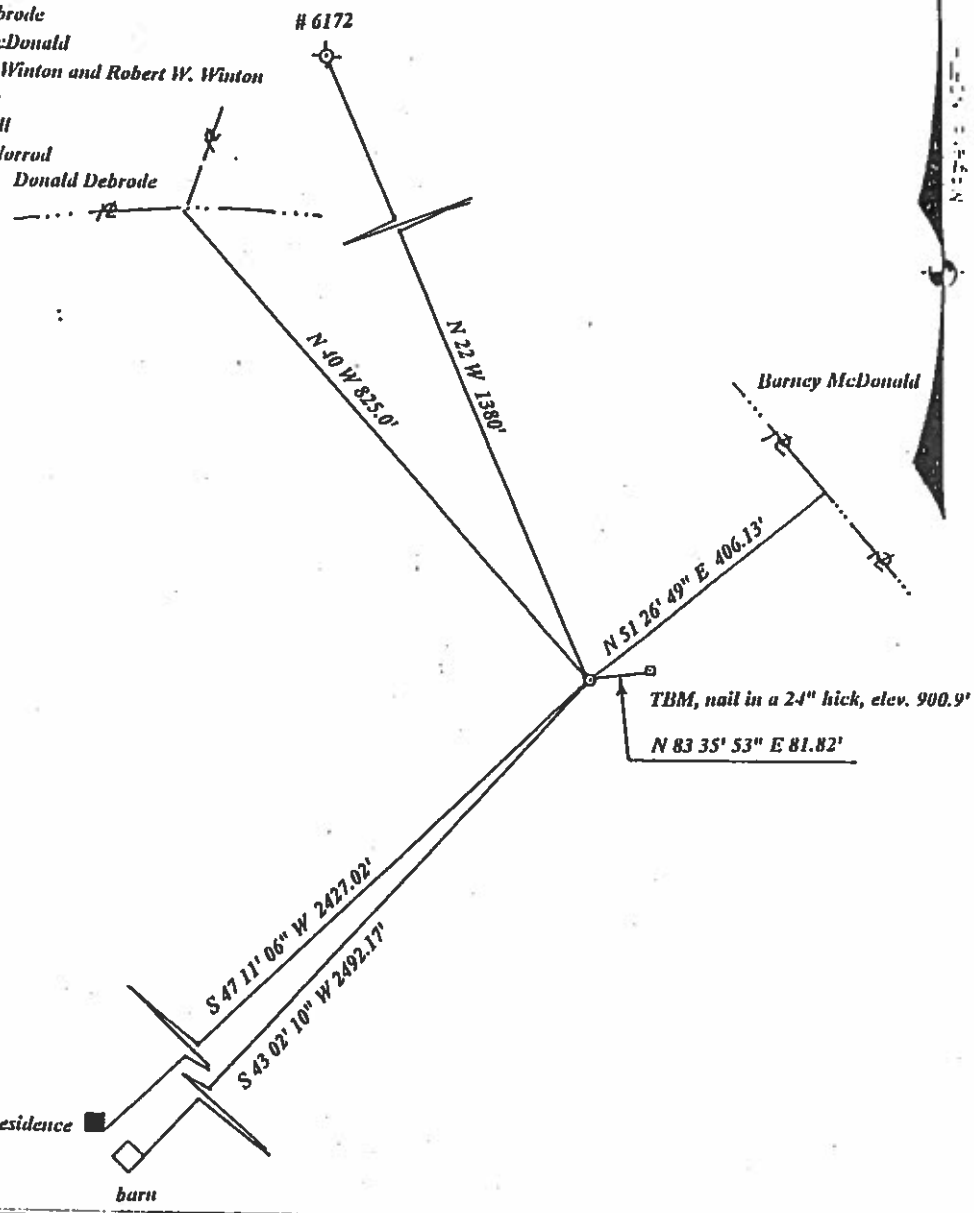
What are plans of new operator for completing or producing well treatment or deeper

Jennifer H. Powell, Pres.
SIGNATURE OF NEW OPERATOR
Jennifer H. Powell, Pres.

See Reverse Side

WELL LOCATION PLAT

Bounded By:
North: Donald Debrode
Barney McDonald
South: Richard L Winton and Robert W. Winton
East: Ralph Smith
Ronald Hull
West: Melvin H. Norrod



Operator: PODURCO Energy, Inc.

Address: 1383 Sasser School Road London, Kentucky 40744

Well name and/or number: 1

Surface owner: Odessa Norrod

County: Overton

Distance and direction from nearest town: Two miles northeast of Alpine on Harmon Smith Road

Acreage in drillsite tract: 104.5 Ground elevation: 907.6'

0 200 400
GRAPHIC SCALE 1" = 400'

Quadrangle Alpine, 1979

Sec. 2, 2 S 52 E

450' FNL 1280' FEL

450' FNL

1280' FEL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

07/15/00

Michael W. Asberry, P.L.S. # 1653, Date

RECEIVED
JUL 21 2000
TN OIL & GAS BOARD

County Overton
Quad
Carter's Sec. 2 T.S. R 52E
FNL 450 FEL 1280
FSL FWL

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13th FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0440

Permit No. 9599

Oil & Gas Form No. R-P&A-1

PLUG AND ABANDON REPORT

NOTICE: TO BE FILED WITHIN 30 DAYS FROM DATE WELL IS PLUGGED

OPERATOR Po Durco Energy Inc

FARM NAME Norred, Odessa WELL NO. 1 Permit # 9599

Date Plugged 10/9/03 Total Depth 1200'

Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement.
Filled from 1200' to 900' with water, then poured 6 bg cement on top of water. Set bottom of bridge plug at 410' filled with cuttings and 10 bgs cement. Set bottom of bridge plug at 60', filled with cement 7 bgs and cuttings to top

Was well filled with cement? NO

*NOTE: You must have inspector sign Glenn Burke

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

RECEIVED
MAR 18 2004
TN OIL & GAS BOARD

State of Ky
County of Knox

Jennifer G Powell, Pres
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Jennifer G Powell known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct. And affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

Subscribed and sworn to before me this 31st day of October

SEAL

My commission expires 10-10-05

Jerry Wayne Morris
Notary Public in and for State of Ky Knox County.

CN-0217 (Rev. 4/83) RDA-1910

TENNESSEE WELL SUMMARY TICKET

PERMIT # *9599*			API # *41-133-21626*
APPROVED: *8/10/2000*	FIELD NAME:	DEVEL ☐ EXPLOR ☐ NFW ☒ OP ☐	REPORT DATE: *05/2005*
FARM NAME / WELL #: *Odessa Norrod #1*		OPERATOR: *Consolidated Oil and Gas Corporation*	
COUNTY: *Overton*	QUAD NAME: *Alpine*	CARTER COORD'S: *2-2S-52E*	*450 FNL, 1280 FEL*
ELEVATION: *907*	SPUD DATE: *8/12/2000* / TD DATE: *8/17/2000*	PROP TD *2000* / ACTUAL TD: *1200*	TD FORM: *STRV*

	TN COORD'S	LATITUDE	LONGITUDE
NAD 27:	*737540 North - 2239030 East*	*36° 24' 55.6"*	*85° 11' 15.7"*
NAD 83:	*N/A*	*N/A*	*N/A*

WELL HISTORY: *Yes - Received 2/7/2001*

SAMPLES SUBMITTED: *Yes, Cuttings Received 1/31/2001*

SAMPLES PROCESSED: *No*

SAMPLE STUDY: *No* PLUG & ABANDON REPORT *Yes, Received 3/18/2004*

SAMPLES: LETTER ON FILE ☐ DISCARDED ☐ LOST ☐

INITIAL POTENTIAL: *Dry & Abandoned - 0 BOPD, 0 MCF/D - 0 Hour Oil Test, 0 Hour Gas Test*

CASING RECORD: *9 5/8" @ 52', 7" @ 380' w/cement basket & shoe, circulated to surface*

GEOPHYSICAL LOGS: *No*

COMMENTS:

CHANGES AND OTHER INFORMATION ON FILE

DATE	DESCRIPTION
5/9/2001	*Op Chg, Was: PoDurco Energy, Inc.*

SHOW / PAY ZONES

FORMATION	TYPE	RANGE
NASH	*Gas Show*	*805' - 810'*
NASH	*Oil Show*	*805' - 810'*

FORMATION TOP INCEPTIONS (BY SOURCE):

FROM GEOLOGIST				
FROM SAMPLE S				
FROM GEOPHYSICAL LOGS				
FORMATION	WELL HIST			
CHAT	*345*	*0*	*0*	*0*
NASH	*375*	*0*	*0*	*0*
MDCV	*870*	*0*	*0*	*0*
PNCV	*890*	*0*	*0*	*0*
STRV	*894*	*0*	*0*	*0*

CONSOLIDATED OIL AND GAS CORPORATION
112 ½ Sevier Court
P.O. Box 1750
Barbourville, Kentucky 40906

Tennessee State Oil and Gas Board
13th Floor, L & C Tower
401 Church Street
Nashville, TN 37243-0440

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISON OF WATER POLLUTION CONTROL
OIL AND GAS BOARD
6th FLOOR L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243

RA-01208

Well Permit # 12220
Fee: $500 #2692
Field Name:
Approval Date: 8/18/2011
Approved By:
Plat: OK
Bond: BC 26
API No. 41-133-22433
(DO NOT WRITE IN THIS BOX)

APPLICATION FOR PERMIT TO DRILL

Well Operator(Permittee): NATIONAL ENERGY DEVELOPMENT, INC. Telephone: (561) 512-0091 Alt Phone:
Permanent Address: 4444 REGENCY DRIVE
LAKEWORTH, FL 33461
Address for Mailing Permit: SAME AS OPERATOR

Land Owner (lessor) or Unit RICHARD AND ROBERT WINTON Well No. 7-N
Land Owner's Mailing Address:
P.O. BOX 503 LIVINGSTON, TN 38570
Name of Contractor: Riverside Oil Telephone: 270-576-2236 Alt Phone:
Address: BURKESVILLE, KY

To Be Drilled By:
Rotary [✓] Cable Tools [ ] Combination [ ]
Purpose of Well:
Oil [✓] Gas [✓] Injection [ ] Other
Type of Bond:
Single Well Bond: Cash [ ] Surety [ ]
Blanket Well bond: Cash [✓] Surety [ ]

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AUG 18 2011
TN OIL & GAS BOARD

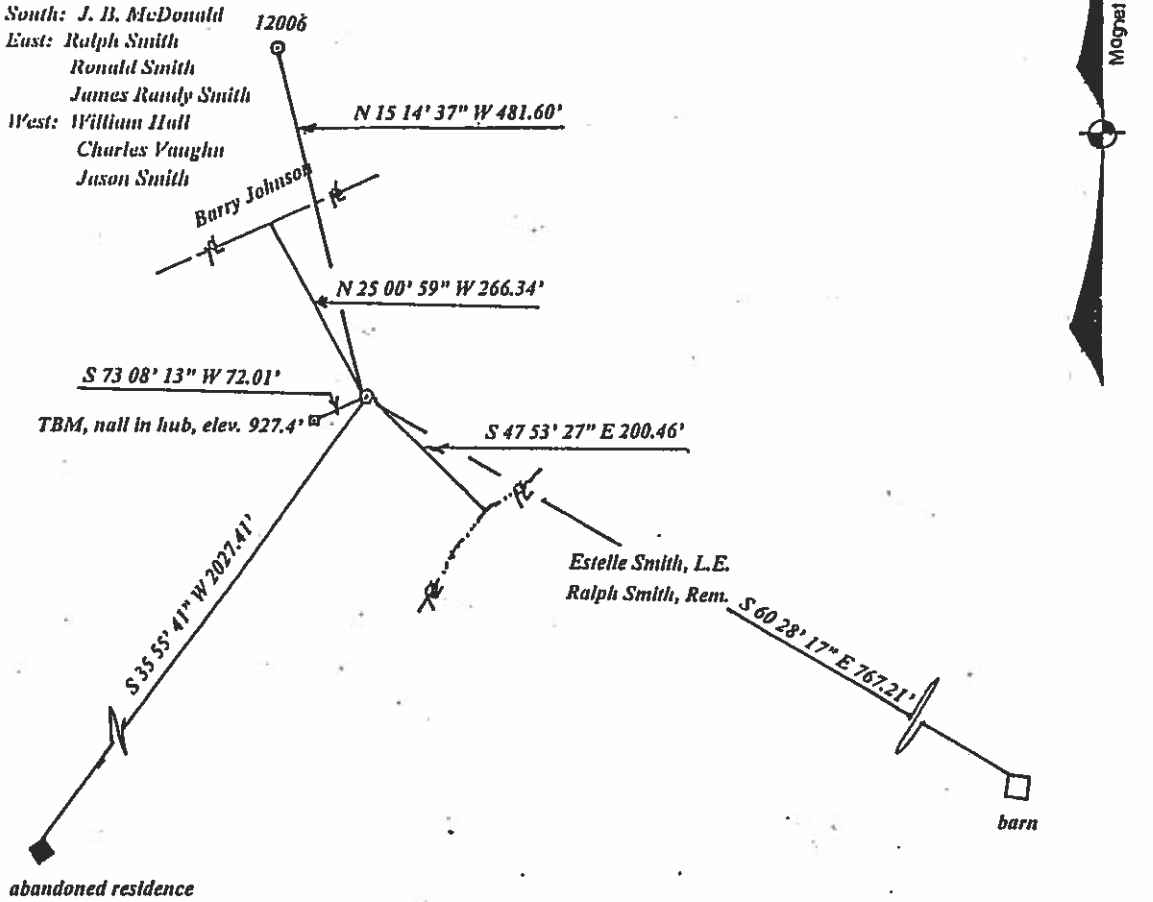
Location:
County OVERTON 7-1/2' Topo Quad.(Name) ALPINE, 1979
36°24' 42.6" Latitude 85° 11' 12.4" Longitude
Carter Coordinates:
1775' (FNL), ~~FSL~~ 1000' (FEL), ~~FWL~~ Sec 2 Carter Quad. 2 ~~N~~(S) 52 (E)~~W~~
Ground Elevation 920.6' Proposed Total depth 2500'
Name of Deepest Geological Formation to be tested: KNOX
Distance from nearest property line; or unit line if a unit: 200.46'
Distance to nearest well, regardless of status within 3000ft: 481.60'
Distance & Direction from Nearest Town or Post Office: 1 m. SW OF OAKDALE off HARMON SMITH LANE

Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
Surface casing program for rotary rig: Size: 7" Length 380'
OR AS REQUIRED (Surface casing will be cemented with returns to the surface)
Description of casing program for cable tools: Size: Length
(Surface casing will be cemented with returns to the surface)

P#12220

WELL LOCATION PLAT

Bounded By:
North: Jerry Hancock
Angela Cope
Betty Vaughn
Danny Wayne Hill
Melvin Norrod
Benton and Odessa Norrod
South: J. B. McDonald
East: Ralph Smith
Ronald Smith
James Randy Smith
West: William Hall
Charles Vaughn
Jason Smith



Operator: *National Energy Development, Inc.*

Address: *4444 Regency Drive Lakeworth, FL 33461*

0 200' 400'
GRAPHIC SCALE: 1"=200'

Well name and/or number: *7-N*

Quadrangle *Alpine, 1979*

Surface owner: *Richard and Robert Winton*

Sec. *2*, *2* S *52* E

1775' (FNL) FSL *1000'* (FEL) FWL

County: *Overton*

Distance and direction from nearest town: *One mile southeast of Oak Dale on Harmon Smith Lane*

1775' FNL

1000' FEL

Acreage in drillsite tract: *196* Ground elevation: *920.6'*

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3133
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

07/23/11

Michael W. Asberry, P.L.S. # 1653, Date

M. W. ASBERRY
REGISTERED LAND SURVEYOR
XVI
TENNESSEE NO 1653

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
401 CHURCH ST - 13th FLOOR
NASHVILLE, TN 37243-0445

API Well No. ____
Field Name ____
SD Class ____
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION
Operator: Consolidated Gas, Inc. Permit No. 9746
Farm Name: Ronald Lee Smith Well No. 1

TYPE OPERATION (Check One)
New Well ☑
Workover ☐
Deepening ☐

LOCATION
County: Overton 7½' quad: Alpine
Caster Coordinates: 1 (Section) 2S N or S 52E E or W Quad
Footage from Section Lines: 1275 FNL from N line 1925 FWL from E line
S W

ELEVATION 881 (ground) ____ (D.F.) (K.B.)

TOTAL DEPTH Driller's Log 1705 Geophysical Log NA

OPERATIONAL DATES
Date Commenced 5-18-01 Date Drilling Completed 5-22-01
Date Plugged ____ (IF DRY HOLE) Date Placed In Operation ____ (IF PRODUCING, INJECTION, ETC.)
Date Shut-In 5-22-01 (IF SHUT IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable Tools ____ Rotary Tools Conventional—from ____ to ____
Tools from ____ to ____ (Depths) Air—from 0 to 1705 (Depths)
CONTRACTOR(S): Wilson Drilling, LLC
Address: Rt 2 Box 473
Albany, KY 42602

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)
NA

TYPE OF COMPLETION
Dry Hole ☐
Oil ☐
Gas ☐
Shut-In or Producing: Shut In
Pressure Maintenance or Secondary Recovery: NA
Water Injection ☐
Gas Injection ☐

SERVICE WELL: NA
Saltwater Disposal ☐
Water Supply ☐
Observation Well ☐

INITIAL PRODUCTION
Oil (bbl/day): Shut-In ☐ Pumping ☐ Natural
Gas (MCF/day) ____ ☐ Flowing ☐ After treatment
Water (bbl/day) ____ GOR ____
Hours tested ____ Choke size ____
Pressure: Tubing ____ ☐ shut-in ☐ flowing
(in psi) Casing ____ ☐ shut-in ☐ flowing
Disposition of gas ____ (State whether vented, used for fuel, or sold)
Oil gravity (°API) ____

PRODUCING INTERVAL

Formation Name(s)	Interval(s)
Sunny Brook gas	520 - 770

WELL TREATMENT (check applicable boxes)

NA

			In open hole	Thru perforation
Shot	____ qts	____ Interval	☐	☐
Shot	____ qts.	____ Interval	☐	☐
Acid	____ gals.	____ Interval	☐	☐
Acid	____ gals.	____ Interval	☐	☐
Fracture	____ gals. ____ thousand	____ Interval	☐	☐
Fracture	____ gals. ____ thousand	____ Interval	☐	☐

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	22	0	yes
7	445'	90	20

RECEIVED
AUG 17 2001
TN OIL & GAS BOARD

Executed this the 18th day of August 19 2000

State of Kentucky
County of Knox

Jennifer G. Powell, Pres.
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Jennifer G. Powell known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 17 day of August 19 2001

SEAL

Sherry Vaughn
Notary Public in and for
County. Knox

My commission expires 2-5-2003

FORMATION RECORD

Permit No.

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil gas and water from surface to total depth)
0	12	Field Dirt			
12	100	Sand /Shell			
100	250	Gray Shale /Stone			
250	317	Green Shale			
317	341	Black Shale			
341	500	Limestone			
500	650	Lime Stone	520	Gas	
650	830	Gray /Brown lime	562	Gas	
830	832	Pencil Cave	770	Gas	
832	1000	Brown lime			
1000	1250	Lime Stone			
1250	1570	Lime Stone			
1570	1595	Wells Creek			
1595	1705	Knox T.D. 1705			

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES X NO ____

IMPORTANT: See Reverse Side

WELL PERMIT NO. 9746

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13TH FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

MAY 0 2 2001

TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE
Fee $150.00
Approval Date 5/15/2001
Approved By
Plat
Bond B S SC
API No. 41-133-21719

APPLICATION FOR PERMIT TO DRILL

1. Well operator: CONSOLIDATED GAS INC. Telephone: 606-546-4476
2. Permanent address: 935 N. MAIN ST. ~~BARBOURVILLE~~ BARBOURVILLE, KY 40906
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: RONALD LEE SMITH Well no: 1
5. Farm owner's mailing address: 481 WINTON LN ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad. (Name) ALPINE 1979
7. Carter Coordinates:
   1275' FNL, ~~FSL~~ 1725' ~~FEL~~, FWL Sec. 1 Carter Quad. 2 ~~N,~~ (S) 52 (E), ~~W~~
8. Distance & direction from nearest town or postoffice: 2½ mi NE OF ALPINE ON WINTON LANE
9. Ground elevation: 881.0' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ____
    Other ____
12. Name of contractor: Wilson Drilling, Inc.
13. Address: Rt 2 Box 473 Albany, KY 42602
14. To be drilled by Rotary: ✓ Cable tools ____ Combination ____
15. Distance from nearest property line; or unit line if unit: 488.54'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 2350'
17. Single well bond: Cash ____ Surety ____ Blanket bond: Cash ____ Surety X
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☒
    Surface Casing: (Surface casing program shall comply with Chap II, Sec. 7 of Gen. Rules and Regulations)
19. Surface casing program for rotary rig: Size 9 5/8 Length 50'
    + 400 ft of 7inch through the Ward Shale (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size ____ Length ____
    ____ (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐
Coal owners and addresses: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined?
Yes ☐ No ☐

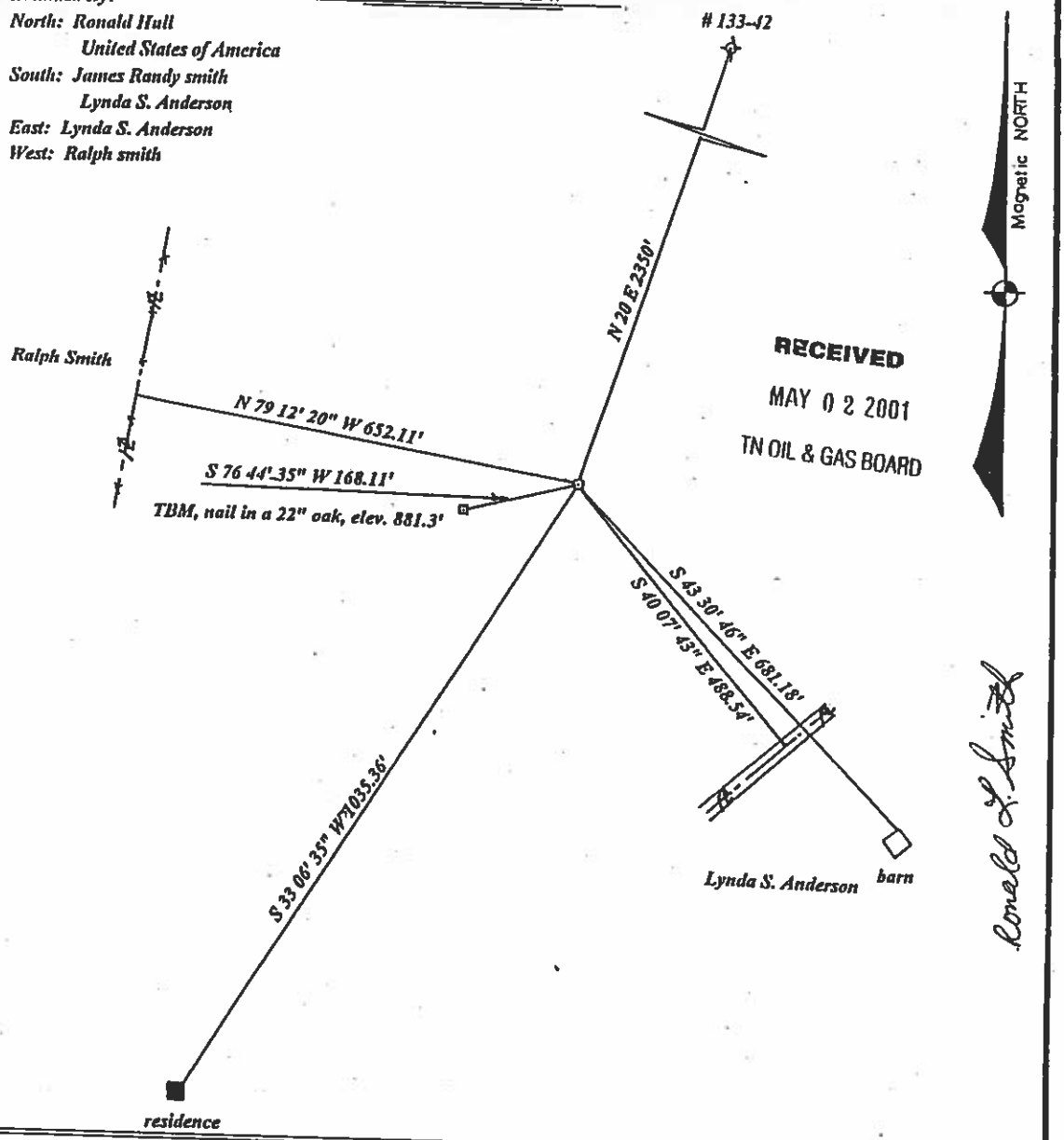
The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators named herein.

CN-0211 (Rev. 6-93)

RDA 1910

WELL LOCATION PLAT

Bounded By:
North: Ronald Hull
United States of America
South: James Randy smith
Lynda S. Anderson
East: Lynda S. Anderson
West: Ralph smith



RECEIVED
MAY 0 2 2001
TN OIL & GAS BOARD

Ronald L. Smith

Operator: CONSOLIDATED GAS, INC.
Address: 935 N. MAIN ST. GARBOURVILLE, KY 40906
Well name and/or number: 1
Surface owner: *Ronald Lee Smith*
County: *Overton*
Distance and direction from nearest town: *Two and one-half miles northeast of Apline on Winton Lane.*
Acreage in drillsite tract: *69* Ground elevation: *881.0'*

0 200 400
GRAPHIC SCALE 1"=200'

Quadrangle: *Alpine, 1979*
Sec. *1* , *2* S *52* E
1275' FNL *1725'* FWL

1275' FNL
1725' FWL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

04/26/01

Michael W. Asberry, P.L.S. # 1653, Date

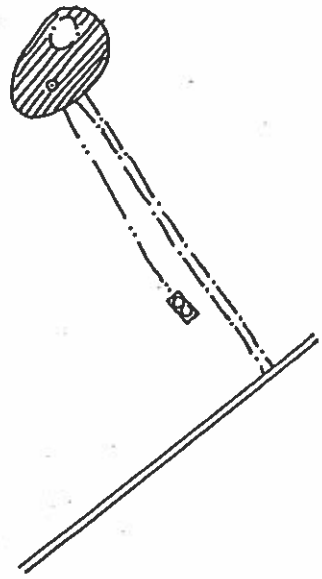
M. W. ASBERRY REGISTERED LAND SURVEYOR TENNESSEE NO. 1653

SUPPLEMENT TO LOCATION PLAT

RECEIVED

MAY 0 2 2001

TN OIL &.GAS BOARD



Magnetic NORTH

Ronald L. Smith

Operator: CONSOLIDATED GAS, INC.

Address: 935 N. MAIN ST. BARBOURVILLE, KY 40906

Well name and/or number: 1

Surface owner: *Ronald Lee Smith*

481 Winton Lane

Alpine, Tennessee 38543

0 200' 400'

GRAPHIC SCALE: 1"=200'

LEGEND:

Paved road
Improved road
Unimproved road
Access road
Well Location
Tank battery
Flow line
Pit
Disturbed area
Residence
Barn

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

04/26/01

Michael W. Asberry, P.L.S. # 1653, Date

TENNESSEE WELL SUMMARY TICKET

PERMIT # *9746*			API # *41-133-21719*
APPROVED: *5/15/2001*	FIELD NAME:	DEVEL ☐ EXPLOR ☐ NFW ☒ OP ☐	REPORT DATE: *05/2005*
FARM NAME / WELL #: *Ronald Lee Smith #1*		OPERATOR: *Consolidated Oil and Gas Corporation*	
COUNTY: *Overton*	QUAD NAME: *Alpine*	CARTER COORD'S: *1-2S-52E*	*1275 FNL, 1725 FWL*
ELEVATION: *881*	SPUD DATE: *5/18/2001* / TD DATE: *5/22/2001*	PROP TD *2000* / ACTUAL TD: *1705 (L: 0)*	TD FORM: *KNOX*

	TN COORD'S	LATITUDE	LONGITUDE
NAD 27:	*736740 North - 2242040 East*	*36° 24' 47.4"*	*85° 10' 38.9"*
NAD 83:	*N/A*	*N/A*	*N/A*

WELL HISTORY: *Yes - Received 8/17/2001*

SAMPLES SUBMITTED: *Yes, Cuttings Received 9/30/2001*

SAMPLES PROCESSED: *No*

SAMPLE STUDY: *No* PLUG & ABANDON REPORT *Yes, Received 8/22/2003*

SAMPLES: LETTER ON FILE ☐ DISCARDED ☐ LOST ☐

INITIAL POTENTIAL: *Dry & Abandoned - 0 BOPD, 0 MCF/D - 0 Hour Oil Test, 0 Hour Gas Test*

CASING RECORD: *7" @ 445' w/90 sks*

GEOPHYSICAL LOGS: *No*

COMMENTS:

CHANGES AND OTHER INFORMATION ON FILE

DATE	DESCRIPTION

SHOW / PAY ZONES

FORMATION	TYPE	RANGE
NASH	*Gas Pay*	*520'*
NASH	*Gas Pay*	*562'*
NASH	*Gas Pay*	*770'*

FORMATION TOP INCEPTIONS (BY SOURCE):

FROM GEOLOGIST				
FROM SAMPLE S				
FROM GEOPHYSICAL LOGS				
FORMATION	WELL HIST			
CHAT	*317*	*0*	*0*	*0*
NASH	*341*	*0*	*0*	*0*
PNCV	*830*	*0*	*0*	*0*
STRV	*832*	*0*	*0*	*0*
WLCR	*1570*	*0*	*0*	*0*
KNOX	*1595*	*0*	*0*	*0*

County Overton
Quad Alaine 1979
Carter's Sec 1 2 S 82 E
FNL 1275' FEL
FSL FWL 1725'

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13th FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0440

Permit No. 9746

Oil & Gas Form No. R-P&A-1

PLUG AND ABANDON REPORT

NOTICE: TO BE FILED WITHIN 30 DAYS FROM DATE WELL IS PLUGGED

OPERATOR Consolidated Gas, Inc. (Consolidated Oil And Gas Corp.)

FARM NAME Ronald Lee Smith WELL NO. 1

Date Plugged 6-24-03 Total Depth 1705

Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement.

From 1600 To 1650 Filled with 6 bags cement, bridge plug and dec

From 825-850 filled with dirt, rock cuttings + 5 bags cement

From 325-360 filled with 8 bags cement, rock + cuttings

From 4-55 filled with 7 bags cement, rock and cutting to

Was well filled with cement? _____

*NOTE: You must have inspector sign _____

Glen Bal

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

RECEIVED
AUG 22 2003
IN OIL & GAS BOARD

State of Ky.
County of Knox

Jennifer G Powell, Pres.
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct. And affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

Subscribed and sworn to before me this 18th day of August, 2003

SEAL

My commission expires 10-10-05

Jerry Wayne Mann
Notary Public in and for Kentucky County, Knox

CN-0217 (Rev. 4/83) RDA-1910

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL AND GAS BOARD
6th FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

API Well No. _____
Field Name _____
CSD Class _____ (For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

LL IDENTIFICATION
rator Overton Oil & Gas, Inc. Permit No. 11976
Name Ronald Smith Well No. DR#1

E OPERATION (Check One)
Well ✓
kover
ering

LOCATION 7 1/2' quad Alpine
County Overton
Carter Coordinates 1 2S 52E (Section) (S) (E) Quad
Footage from Section lines:
725FNL from S line 1750 from E line

INITIAL PRODUCTION
Oil (bbl/day) _____ Pumping Natural
Gas(MCF/day) _____ Flowing xxxx After treatment
Water (bbl/day) _____ GOR _____
Hours tested _____ Choke size _____
Pressure: Tubing _____ xxxx shut-in flowing
(in psi) Casing _____ xxxx shut-in flowing
Disposition of gas
(State whether vented, used for fuel, or sold)
Oil Gravity (°API) _____

VATION 907.4 (ground) _____ (D.F.) (K.B.)

TAL DEPTH
rs's Log 1905 Geophysical Log _____

ERATIONAL DATES
mmenced Sept 4th 2008 Date Drilling Completed Sept 8 2008
ged _____ Date Placed in Operation
RY HOLE) (IF PRODUCING, INJECTION, ETC.)
Shut-In
SHUT-IN PRODUCER OR OTHER
IPORARILY SUSPENDED OPERATION)

PRODUCING INTERNAL

Formation Name(s)	Interval(s)

RECEIVED FEB 25 2010 TN OIL & GAS BOARD

ILLING METHOD
le Rotary Tools Conventional-from ____ to ____
s from ____ to ____ (Depths) Air-from 0 to 1905 (Depths)
R(S): Tallert Drilling
Hwy 127
Athens Ky

WELL TREATMENT (check applicable boxes)

			In open hole	Thru perforation
Shot	qts.	Interval		
Shot	qts.	Interval		
Acid	gals.	Interval		
Acid	gals.	Interval		
Fracture	gals.	Interval		
	lbs/sand			
Fracture	gals.	Interval		
	lbs/sand			

PE(S) OF GEOPHYSICAL LOGS RUN.
ctrical, Induction, sonic, gamma ray, neutron, density, etc.)

PE OF COMPLETION
Hole.....
.....
.....
isure Maintenance or
ondary Recovery
ter Injection.....
s Injection.....
Storage
ction-Extraction.....
servation.....

Dry & Abandoned well to be plugged

Shut-in or Producing
Producing
SERVICE WELL:
Saltwater Disposal.....
Water Supply.....
Observation Well.....
Other

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
4 5/8	46'		No
7"	355'	70 SKS	NO

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths-Top Base)	Formation	Remarks (Shows of oil and/or gas, full up tests, Dist's. Corps, Etc.)

(See reverse side)

-0221 RDA 222

Executed this the 24 day of February 2012

State of Tennessee

County of Overton

Signature of Affiant

Before me, the undersigned authority on this day personally appeared [illegible] (known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 24 day of February 2012

SEAL

My commission expires 12/16/2013

Notary Public in and for Tennessee

County Overton

STATE OF TENNESSEE NOTARY PUBLIC OVERTON COUNTY

FORMATION RECORD

Permit No. 11976

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	46'	Soil 46' 9 5/8 Casing Cemented			
46	355'	Limestone 355' 7" Casing set 70 Bags			
325	351	black shale			
835	840	mudd Cave			
866	868	pencil Cave			
	1715	Top of Knox			
	1880	water			
	1905	TD			

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
OIL AND GAS WELL STATUS AND RECLAMATION REPORT

RECEIVED
APR 2010
TN OIL & GAS BOARD

NAME OF OPERATOR: Overton O.I & Gas

ADDRESS: _____ CITY: _____ ST: ____ ZIP CODE: _____

NAME OF PROPERTY OWNER OR LEASE: Ronald Smith Pr.

PERMIT NUMBER: 11976 WELL NUMBER: 1 ISSUANCE DATE: _____

COUNTY: Overton LATITUDE/LONGITUDE: _____

INSPECTION TYPE: OIL ☐ GAS ☐ INJECTION ☐ RECLAMATION RELEASE ☐

plugging.

	YES	NO
Well in Production		
Signs Posted		
Lease Road Stabilized		
Well Site Stabilized		
Well Head Leaking Gas or Oil		
Flow or Gathering Lines Buried		
Location and Tank Batteries Free of Fire Hazards		
Well is Being Flared		
Tank Battery Berms and Pits Adequate		
Well is Plugged and Abandoned		
All Pits and Other Disturbances Graded		
Lease Road has 90% Permanent Diverse Vegetative Cover		
Well Site has 90% Permanent Diverse Vegetative Cover		
Two Spring or Summer Growing Seasons on All Revegetation		
All Flow and Gathering Lines Removed		
Tank Batteries Removed and Graded		
Tank Battery Site has 90% Permanent Diverse Vegetative Cover		
Final Bond Release		
Violation Requested		
Red Tag Posted		

GENERAL COMMENTS:
Well is being plugged today 1st plug set at 1725 5 sacks 2nd plug set at Pencil Cave 914' 5 sacks 3rd plug set at Casing Point 440' 4th plug set at 30 5 sacks.

Operator's Signature: _____ Date: _____

Inspector's Signature: Jeff Ford Date: 4-18-10

CN - 1263

RDA 1910

County Overton
Quad
Carter's T R
FNL FEL
FSL FWL

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13th FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

Permit No. 11976

RECEIVED MAR 3 1 2010 TN OIL & GAS BOARD

PLUG AND ABANDON REPORT

NOTICE: TO BE FILED WITHIN 30 DAYS FROM DATE WELL IS PLUGGED

OPERATOR Overton Oil & Gas

FARM NAME Ronald Smith Dr. WELL NO. 1

Date Plugged 3-18-10 Total Depth 1907

Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement.

1st plug set at 1725 5 sacks
2nd plug set at Pencil Cave 914 5 sacks
3rd plug set at Casing Point 415 10 sacks
4th plug set at top 5 sacks

*NOTE: You must have inspector sign Jeff [illegible]

Was well filled with cement? No

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

State of Tennessee
County of Overton

Ronald Rieck
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared _____ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct. And affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

Subscribed and sworn to before me this 30th day of March 2010

SEAL

My commission expires 01-16-2010

Eric Montgomery
Notary Public in and for Tennessee
County, Overton

ERIN MONTGOMERY
STATE OF TENNESSEE
NOTARY PUBLIC
OVERTON COUNTY

CN-0217 (Rev. 4/83)

RDA-1910

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO X

IMPORTANT: See Reverse Side

WELL PERMIT NO. 11976

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

RECEIVED
AUG 24 2009
TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE
Fee $500 CK #164443
Approval Date 8/28/09
Approved By
Plat
Bond
API No. 41-133-2233

RH 012014088 $500
RH 012014089 2000 (8-24-09)
RH 012014090 1,500

APPLICATION FOR PERMIT TO DRILL

1. Well operator: OVERTON OIL AND GAS, INC. Telephone: (214) 438-3904
2. Permanent address: 9330 LBJ SUITE 901 DALLAS TX 75243
3. Address for mailing permit:
4. Farm owner (lessor) or unit: RONALD LEE SMITH Well no: DR 1
5. Farm owner's mailing address: 481 WINTON LANE ALPINE, TN 38543
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   725' (FNL), FSL 1750' FEL (FWL) Sec. 1 Carter Quad 2 N(S) 52 (E) W
8. Distance & direction from nearest town or postoffice: 3 M. NE OF ALPINE OFF WINTON LANE
9. Ground elevation: 907.4' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other
12. Name of contractor: TALLENT DRILLING CO. INC.
13. Address: SO. HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools Combination
15. Distance from nearest property line; or unit line if unit: 637.44'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 400'
17. Single well bond: Cash ✓ Surety Blanket bond: Cash Surety
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☑

    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length 380'
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size Length
    N/A
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address: N/A

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

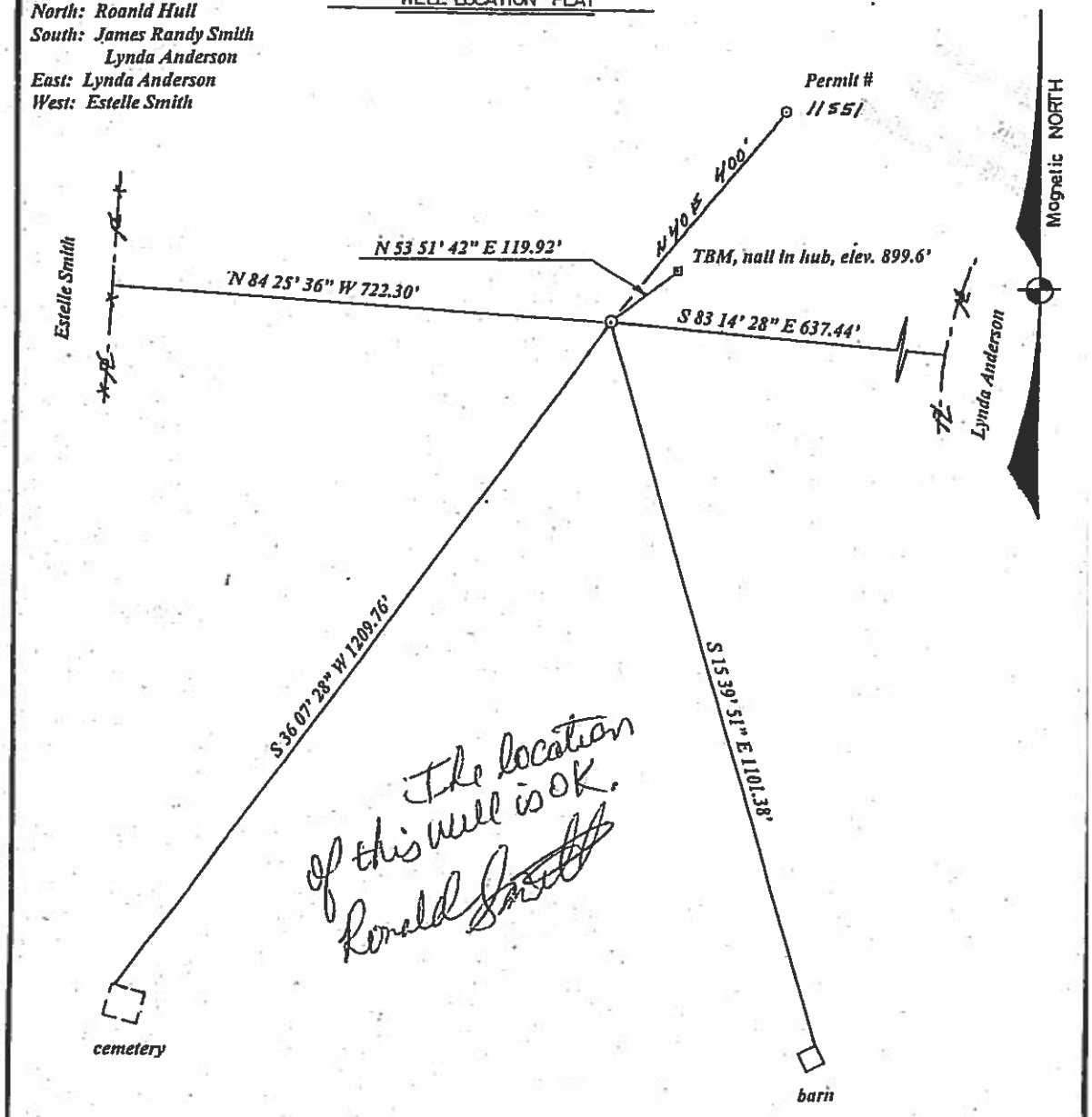
Form P-AD-1
CN-0211 (Rev 6-93)

RDA 1910

Permit # 11976

Bounded By:
North: Roanld Hull
South: James Randy Smith
Lynda Anderson
East: Lynda Anderson
West: Estelle Smith

WELL LOCATION PLAT



The location of this well is OK.
Ronald Smith

Operator: Overton Oil and Gas, Inc.

Address: 9330 LBJ Suite 901 Dallas, TX 75243

Well name and/or number: DR 1

Surface owner: Ronald lee Smith

County: Overton

Distance and direction from nearest town: Three miles northeast of Alpine off Winton Lane

Acreage in drillsite tract: 69 Ground elevation: 907.4'

0 200' 400'
GRAPHIC SCALE: 1"=200'

Quadrangle Alpine, 1979

Sec. 1, 2 S 52 E

725' FNL 1750' FWL

725' FNL

1750' FWL

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

08/21/09

Michael W. Asberry, P.L.S. # 1653, Date

W. ASBERRY
LANE SURVEYOR
XVI
TENNESSEE NO 1653

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL AND GAS BOARD
6th FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

API Well No. _____
Field Name _____
CSD Class _____ (For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

ELL IDENTIFICATION
erator JTS Resources Inc
m Name Ralph Smith
Permit No. 11584
Well No. 3

PE OPERATION (Check One)
w Well ✓
rkover
epening

LOCATION 7 1/2' quad Alpine
County Overton
Carter Coordinates 2 (Section) B 52 E Quad
Footage from Section lines: 1557' from N line 6' from E line

EVATION 945 (ground) _____ (D.F.) (K.B.)

TAL DEPTH lers's Log 1917'
Geophysical Log _____

ERATIONAL DATES
mmenced March 08 Completed March 2008
gged 6/6/08 Placed in Operation (IF PRODUCING, INJECTION, ETC.)
DRY HOLE)
Shut-in
SHUT-IN PRODUCER OR OTHER
MPORARILY SUSPENDED OPERATION)

ILLING METHOD
Rotary Tools
Conventional-from ____ to ____
le
is from ____ to ____ (Depths)
Air-from 0 to 1917' (Depths)
N (S):
tres. Tennessee Rotary

PE(S) OF GEOPHYSICAL LOGS RUN:
ctrical, induction, sonic, gamma ray, neutron, density, etc.)

PE OF COMPLETION
Hole.....
.....
.....
ssure Maintenance or
ondary Recovery
ter Injection.....
s Injection.....
Storage:
ction-Extraction.....
servation.....

Shut-in or Producing

SERVICE WELL:
Saltwater Disposal.....
Water Supply.....
Observation Well.....

Other _____

INITIAL PRODUCTION
Oil (bbl/day) _____
Gas(MCF/day) _____
Water (bbl/day) _____
Pumping Flowing
Natural After treatment
GOR _____

Hours tested _____
Pressure; Tubing _____
(In psi) Casing _____
Disposition of gas _____
(State whether vented, used for fuel, or sold)
Oil Gravity (°API) _____
Choke size _____ shut-in flowing
shut-in flowing

PRODUCING INTERNAL
Formation Name(s) Interval(s)

WELL TREATMENT (check applicable boxes)
In open hole Thru perforation
Shot ____ qts. ____ Interval
Shot ____ qts. ____ Interval
Acid ____ gals. ____ Interval
Acid ____ gals. ____ Interval
Fracture ____ gals. ____ Interval
____ lbs/sand
Fracture ____ gals. ____ Interval
____ lbs/sand

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
7"	420'	80	

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths-Top Base)	Formation	Remarks (Shows of oil and/or gas, full up tests, Dist's. Corps, Etc.)
435	Sandy Brook	oil

RECEIVED
AUG 29 2008
TN OIL & GAS BOARD

(See reverse side)

RDA 222

-0221

Executed this the 25 day of August 2008

State of Tennessee

County of Pickett

Signature of Affiant

Donald Reedy known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report, and that he has knowledge of the facts stated therein, and that said report is true and correct.

STATE OF TENNESSEE NOTARY PUBLIC PICKETT COUNTY

Sworn to and subscribed before me this 25 day of August 2008

Notary Public in and for Pickett County, Tennessee

My commission expires April 14, 2010

FORMATION RECORD

Permit No.

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	40	Soil			
40	394	Lime Stone			
394	414	Black Shale			
		Casing 7" to 420'			
	925	Much lime			
	942	Red lime			
	969	Sand & Rock			
	1258	Mississippian			
	1700	Knox			
	1917	TD			

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO X

IMPORTANT: See Reverse Side

WELL PERMIT NO. 11584

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

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NOV 01 2007
TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE
Fee #150 ck # 1041
Approval Date 11/2/07
Approved By MRD
Plat OK
Bond SC SC
API No. 41-133-22258

APPLICATION FOR PERMIT TO DRILL

1. Well operator: JTS Resources Telephone: 214-622-3351
2. Permanent address: 3625 North Hall Suite 927 Dallas, TX 75219
3. Address for mailing permit: (same)
4. Farm owner (lessor) or unit: Ralph Smith Well no: 3
5. Farm owner's mailing address: Winton LN, Alpine TN 38543
6. County: Overton 7-1/2' Topo. Quad.(Name) Alpine
7. Carter Coordinates:
   1557 (FNL) ~~FSL~~ 566 (FEL) ~~FWL~~ Sec 2 Carter Quad 2 (N) (S) 52 (E) ~~W~~
8. Distance & direction from nearest town or postoffice: 2.21 miles NE of Alpine
9. Ground elevation: 945 Proposed total depth: 2000
10. Name of deepest geological formation to be tested: Knox
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other
12. Name of contractor: Tennessee Rotary Drilling
13. Address: Livingston, TN 38570
14. To be drilled by Rotary: ✓ Cable tools ____ Combination ____
15. Distance from nearest property line; or unit line if unit: 807.66
16. Distance to nearest well, regardless of Status (within 3000 ft.) 500
17. Single well bond: Cash ✓ Surety ____ Blanket bond: Cash ____ Surety ____
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☑

    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length 400
    yes (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size ____ Length ____
    N/A
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address:

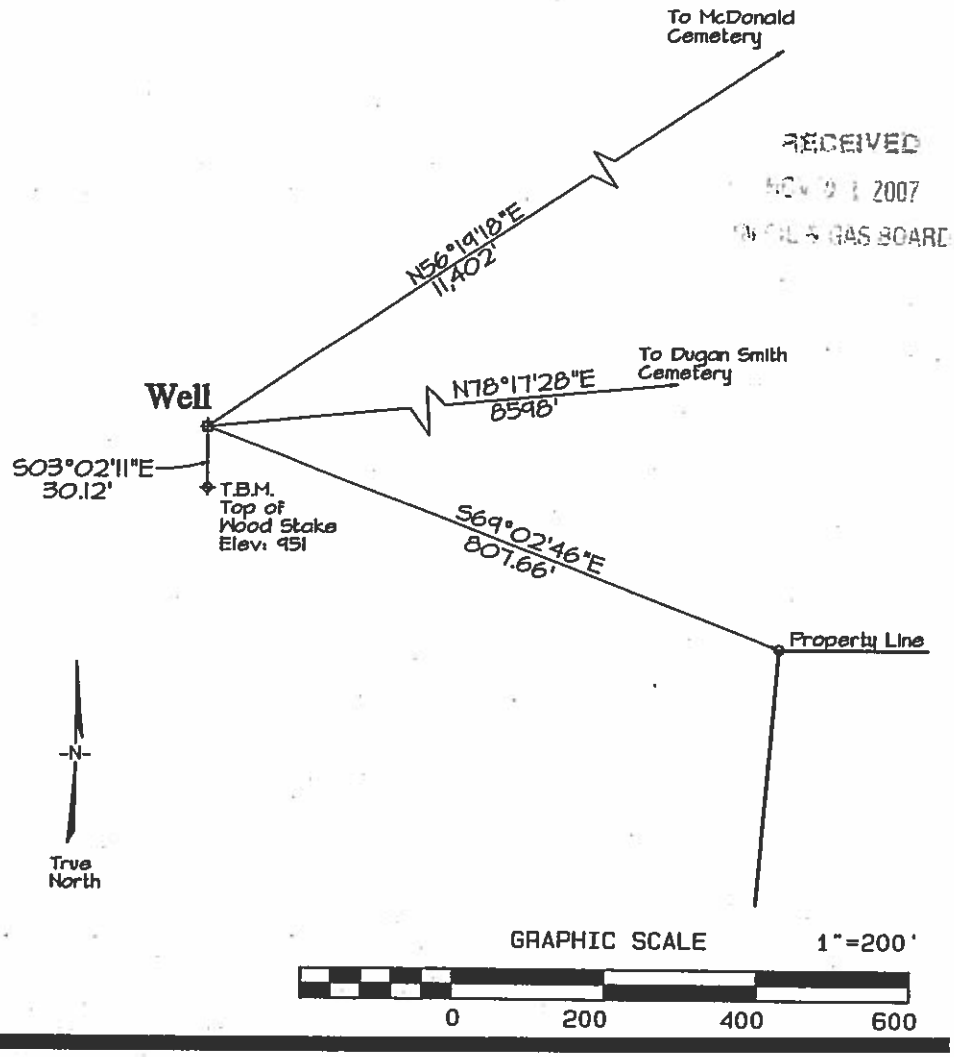
Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1
CN-0211 (Rev 6-93)

RDA 1910

WELL LOCATION PLAT



RECEIVED
NOV 2 1 2007
OIL & GAS BOARD

GRAPHIC SCALE 1"=200'

0 200 400 600

Operator: JTS Resources, Inc
Address: 3625 North Hall Suite 927, Dallas, TX 75219
Well Name and/or Number: Smith #3
Surface Owner: Ralph Smith
County: Overton State: Tennessee
Distance and Direction from Nearest Town: 2.21 miles Northeast of Alpine.
Acreage in Drill Site Tract: 58
Ground Elevation: 945

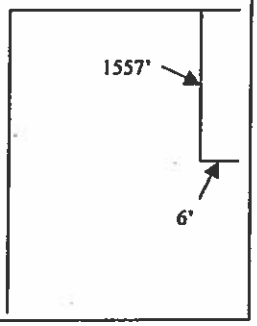
Quadrangle: Alpine
Sec. 2 2 S 52 E
1557' FNL 5.66' FEL

Survey and Plat by:
Clinton Surveying Services
380 South Lowe Avenue Suite 6
Cookeville, Tennessee 38501 ph.(931) 372-0427

I HEREBY CERTIFY THIS PLAT TO BE TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE: 10/28/07 DRAWING NO. 07-370

GRADY C. PHILLIPS
REGISTERED LAND SURVEYOR
TENNESSEE NO. 2283



TENNESSEE WELL SUMMARY TICKET

PERMIT # *11584*			API # *41-133-22258*
APPROVED: *11/2/2007*	FIELD NAME:	DEVEL ☐ EXPLOR ☐ NFW ☒ OP ☐	REPORT DATE: *09/2011*
FARM NAME / WELL #: *Ralph Smith #3*		OPERATOR: *JTS Resources*	
COUNTY: *Overton*	QUAD NAME: *Alpine*	CARTER COORD'S: *2-2S-52E*	*1557 FNL, 6 FEL*
ELEVATION: *945*	SPUD DATE: *11/7/2007* / TD DATE: *11/30/2007*	PROP TD: *2000* / ACTUAL TD: *1920 (L: 1838)*	TD FORM: *KNOX*

	TN COORD'S	LATITUDE	LONGITUDE
NAD 27:	*736450 North - 2240310 East*	*36° 24' 44.6"*	*85° 11' 0.1"*
NAD 83:	*N/A*	*N/A*	*N/A*

WELL HISTORY: *Yes - Received 8/29/2008*

SAMPLES SUBMITTED: *No*

SAMPLES PROCESSED: *No*

SAMPLE STUDY: *No* PLUG & ABANDON REPORT: *Yes, Received 8/13/2008*

SAMPLES: LETTER ON FILE ☐ DISCARDED ☐ LOST ☐

INITIAL POTENTIAL: *Dry & Abandoned - 0 BOPD, 0 MCF/D - 0 Hour Oil Test, 0 Hour Gas Test*

CASING RECORD: *9 5/8" @ 50', 7" @ 422' w/80 sks*

GEOPHYSICAL LOGS: *Yes - Received 3/26/2008 - Log Types: CAL/D/GR/NPR/T Log Range: 20-1836*

COMMENTS:

CHANGES AND OTHER INFORMATION ON FILE

DATE	DESCRIPTION

SHOW / PAY ZONES

FORMATION	TYPE	RANGE
NASH	*Oil Show*	*435'*

FORMATION TOP INCEPTIONS (BY SOURCE):

FROM GEOLOGIST		
FROM SAMPLE S		
FROM GEOPHYSICAL LOGS		
FORMATION	WELL HIST	

County Overton
Quad Alpine Quad
Carter's ~~25~~ T25 R52E
FNL 1557' FEL 6'
FSL _____ FWL _____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL AND GAS BOARD
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TN 37243-1534

Permit No. 11584

RECEIVED
AUG 13 2008
TN OIL & GAS BOAR

PLUG AND ABANDON REPORT
NOTICE: TO BE FILED WITHIN 30 DAYS FROM DATE WELL IS PLUGGED

OPERATOR JTS Resources

FARM NAME Ralph Smith WELL NO. Ralph Smith #3

Date Plugged June 6th 2008 Total Depth 1917'

Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement.
first Plug set at 1700' 2nd plug set at 968' set previously
3rd plug set at 445' w/ 10 sacks 4th plug set at 42' with
five sacks.

Did not Witness *NOTE: You must have inspector sign Jeff Pauls

Was well filled with cement? no

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

State of Tennessee
County of Overton

Donald Reedy
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Donald Reedy known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct. And affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

Subscribed and sworn to before me this 12th day of August 2008

SEAL

LISA HOOVER STATE OF TENNESSEE NOTARY PUBLIC OVERTON COUNTY

My commission expires 04.09.2011

Lisa Hoover
Notary Public in and for Overton
County, Tennessee

CN-0217 (Rev. 4/83)

RDA 1910

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
STATE OIL AND GAS BOARD
6th FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

API Well No. _____
Field Name _____
CSD Class _____ (For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION
Operator: JTS Resources
Permit No. 11551
Farm Name: Ronald Smith
Well No. 1

TYPE OPERATION (Check One)
New Well
Workover
Deepening

LOCATION 7 1/2' quad: Alpine
County: Overton
Carter Coordinates: 1 (Section) S 25 Quad E 52E
Footage from Section lines: 428 from S line N; 2022 from W line

ELEVATION _____ (ground) _____ (D.F.) (K.B.)

TOTAL DEPTH
Driller's Log: 1840
Geophysical Log _____

OPERATIONAL DATES
Date Commenced: 10-26-07
Date Drilling Completed: 10-26-07
Date Plugged (IF DRY HOLE) _____
Date Placed in Operation (IF PRODUCING, INJECTION, ETC.) _____
Date Shut-in: 10-26-07
(IF SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable Tools from _____ to _____ (Depths)
Rotary Tools
Conventional-from _____ to _____
Air-from 0 to 1840 (Depths)
CONTRACTOR(S): Tennessee Rotary
Address: 2269 Hilham Hwy
Livingston, TN 38570

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)
Electrical

TYPE OF COMPLETION
Dry Hole
Oil
Gas
Pressure Maintenance or Secondary Recovery
Water Injection
Gas Injection
Gas Storage:
Injection-Extraction
Observation
Shut-in or Producing: Shut-in
SERVICE WELL:
Saltwater Disposal
Water Supply
Observation Well
Other _____

INITIAL PRODUCTION
Oil (bbl/day)
Gas (MCF/day)
Water (bbl/day)
NONE
Pumping
Flowing
Natural
After treatment
GOR _____
Hours tested _____
Pressure: Tubing _____
(in psi) Casing _____
Disposition of gas _____
(State whether vented, used for fuel, or sold)
Oil Gravity (°API) _____
Choke size _____
shut-in flowing
shut-in flowing

PRODUCING INTERNAL
Formation Name(s) | Interval(s)
NONE

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MAR 2 6 2008
TN OIL & GAS BOARD

WELL TREATMENT (check applicable boxes)
Shot _____ qts. _____ Interval _____ in open hole _____ Thru perforation
Shot _____ qts. _____ Interval _____
Acid _____ gals. NONE Interval _____
Acid _____ gals. _____ Interval _____
Fracture _____ gals. _____ Interval _____ lbs/sand
Fracture _____ gals. _____ Interval _____ lbs/sand

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
9 5/8	20	none	no
7"	324	80	no

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths-Top Base)	Formation	Remarks (Shows of oil and/or gas, full up tests, Dist's. Corps, Etc.)

N-0221

(See reverse side)

RDA 222

County Grundy
Quad Alpine
Carter's _____ T 25 R 5E
FNL 428' FEL _____
FSL _____ FWL 2022'

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13th FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

Permit No. 11231

PLUG AND ABANDON REPORT
NOTICE: TO BE FILED WITHIN 30 DAYS FROM DATE WELL IS PLUGGED

OPERATOR JTS Resources

FARM NAME Ronald Smith WELL NO. 1

Date Plugged June 9th 2008 Total Depth 1830'

Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement.
First plug set 1720' 5 sks second plug set at 890' 5 sks
third brush plug set at 360' 10 sks forth plug set at 42' + rocks
& dirt & 5 sks cement to Top of hole.

Did not witness all plugs

*NOTE: You must have inspector sign
Jeff Paul

Was well filled with cement? _____

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

RECEIVED
AUG 29 2008
TN OIL & GAS BOARD

State of TN
County of Putnam

Donald Reedy
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Donald Reedy known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct. And affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

Subscribed and sworn to before me this 23rd day of August 2008

SEAL

My commission expires 07-20-10

Janice Bryant
Notary Public in and for TN
County, Putnam

STATE OF TENNESSEE
NOTARY PUBLIC
COUNTY OF PUTNAM

CN-0217 (Rev. 4/83)

RDA-1910

OCT 0 4 2007

TN OIL & GAS BOARD

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO X

IMPORTANT: See Reverse Side

WELL PERMIT NO. 11551

DO NOT WRITE IN THIS SPACE
Fee $150.00 Ck# 3043
Approval Date 10/5/07
Approved By
Plat
Bond SC SC
API No. 47-133-22254

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX
401 CHURCH STREET
NASHVILLE, TENNESSEE 37243-1534

Donald Reedy
380 S. Lowe Suite "A" #385 #386
Cookeville TN 38501

APPLICATION FOR PERMIT TO DRILL

1. Well operator: ~~JTS Resources~~ "The Reedy Family Trust" Telephone: 214-622-3351
2. Permanent address: ~~3625 North Hall Suite 927~~, Dallas, TX 75219
3. Address for mailing permit: (same)
4. Farm owner (lessor) or unit: Ronald Smith Well no: #1
5. Farm owner's mailing address: 481 Winton LN Alpine, TN 38543
6. County: Overton 7-1/2' Topo. Quad.(Name) Alpine
7. Carter Coordinates:
   428 (FNL) FSL 2022 FEL (FWL) Sec. 1 Carter Quad 2 N (S) 52 (E) W
8. Distance & direction from nearest town or postoffice: 2.62 miles northeast of Alpine
9. Ground elevation: 876 Proposed total depth: 2000
10. Name of deepest geological formation to be tested: Knox
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other
12. Name of contractor: Tennessee Rotary Drilling
13. Address: Livingston TN
14. To be drilled by Rotary: ✓ Cable tools Combination
15. Distance from nearest property line; or unit line if unit: 497.99'
16. Distance to nearest well, regardless of Status (within 3000 ft.) N/A
17. Single well bond: Cash ✓ Surety Blanket bond: Cash Surety
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☑
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 7" Length 400'
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size Length
    N/A
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☑
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address:

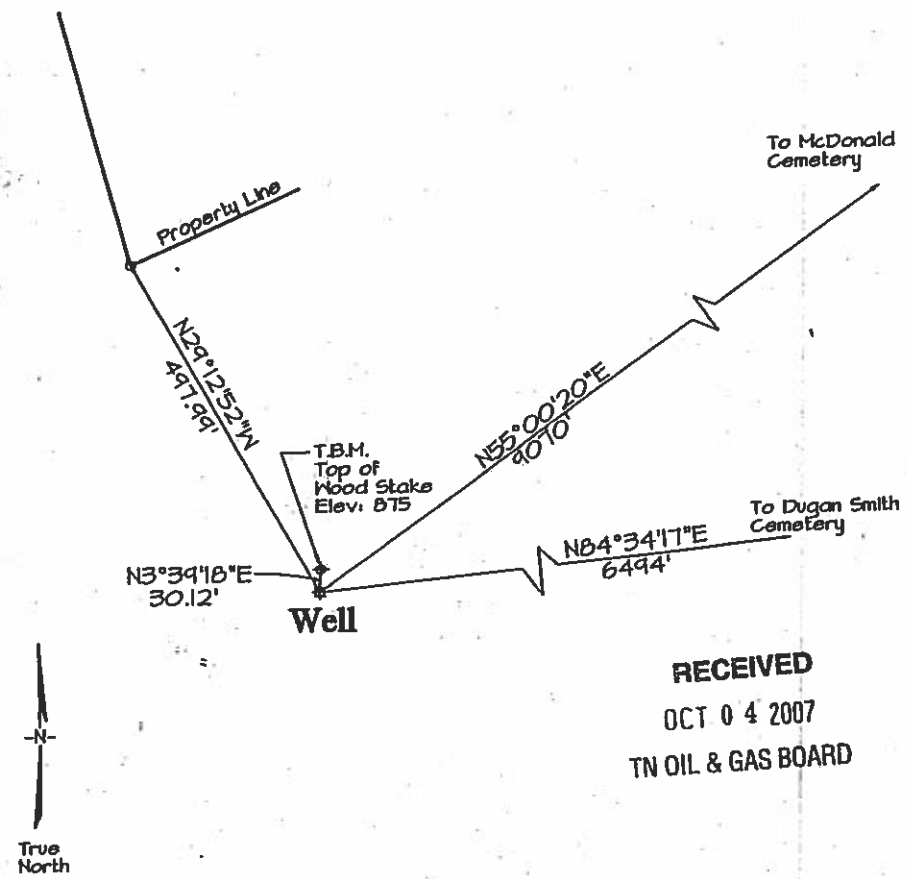
Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1
CN-0211 (Rev 6-93)

RDA 1910

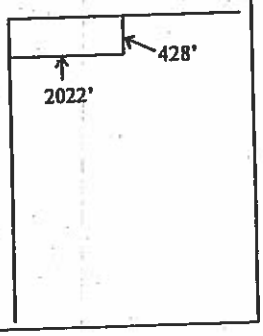
WELL LOCATION PLAT



RECEIVED
OCT 0 4 2007
TN OIL & GAS BOARD

Operator: JTS Resources, Inc
Address: 3625 North Hall Suite 927, Dallas, TX 75219
Well Name and/or Number: Smith #1
Surface Owner: Ronald Smith
County: Overton State: Tennessee
Distance and Direction from Nearest Town: 2.62 miles Northeast of Alpine.
Acreage in Drill Site Tract: 69
Ground Elevation: 876
Survey and Plat by:
Clinton Surveying Services
380 South Lowe Avenue Suite 6
Cookeville, Tennessee 38501 ph.(931) 372-0827

Quadrangle: Alpine
Sec. 1 2 S 52 E
428' FNL 2022' FWL



GRADY C. PHILLIPS
REGISTERED LAND SURVEYOR
XVI
AGRICULTURE
COMMERCE
TENNESSEE NO. 2488

I HEREBY CERTIFY THIS PLAT TO BE TRUE AND ACURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE: 9/28/07 DRAWING NO. 07-37

TENNESSEE WELL SUMMARY TICKET

PERMIT # *11551*			API # *41-133-22254*
APPROVED: *10/5/2007*	FIELD NAME:	DEVEL ☐ EXPLOR ☐ NFW ☒ OP ☐	REPORT DATE: *09/2011*
FARM NAME / WELL #: *Ronald Smith #1*		OPERATOR: *JTS Resources*	
COUNTY: *Overton*	QUAD NAME: *Alpine*	CARTER COORD'S: *1-2S-52E*	*428 FNL, 2022 FWL*
ELEVATION: *876*	SPUD DATE: *10/20/2007* TD DATE: *10/26/2007*	PROP TD: *2000*	ACTUAL TD: *1840 (L: 1919)* TD FORM: *KNOX*

	TN COORD'S	LATITUDE	LONGITUDE
NAD 27:	*737590 North - 2242330 East*	*36° 24' 55.8"*	*85° 10' 35.3"*
NAD 83:	*N/A*	*N/A*	*N/A*

WELL HISTORY: *Yes - Received 3/26/2008*

SAMPLES SUBMITTED: *No*

SAMPLES PROCESSED: *No*

SAMPLE STUDY: *No* PLUG & ABANDON REPORT: *Yes, Received 8/29/2008*

SAMPLES: LETTER ON FILE ☐ DISCARDED ☐ LOST ☐

INITIAL POTENTIAL: *Dry & Abandoned - 0 BOPD, 0 MCF/D - 0 Hour Oil Test, 0 Hour Gas Test*

CASING RECORD: *9 5/8" @ 20', 7" @ 324' w/80 sks*

GEOPHYSICAL LOGS: *Yes - Received 3/26/2008 - Log Types: CAL/D/GR/NPR/T Log Range: 20-1917*

COMMENTS:

CHANGES AND OTHER INFORMATION ON FILE	
DATE	DESCRIPTION

SHOW / PAY ZONES		
FORMATION	TYPE	RANGE

FORMATION TOP INCEPTIONS (BY SOURCE):		
		FROM GEOLOGIST
		FROM SAMPLE S
		FROM GEOPHYSICAL LOGS
FORMATION	WELL HIST	

RECEIVED

NOV 0 8 2004

TN OIL & GAS BOARD

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
701 BROADWAY
NASHVILLE, TENNESSEE 37219-5237

API Well No. _____
Field Name _____
CSD Class _____
(For State Use Only)

WELL HISTORY, WORK SUMMARY, AND COMPLETION OR RECOMPLETION REPORT

TO BE FILED WITHIN 30 DAYS FROM DATE TOTAL DEPTH REACHED
NOTICE: IT IS NECESSARY TO SUBMIT A RECORD FOR EACH PERMIT

WELL IDENTIFICATION
Permit No. 10416
Operator: BASIN OIL & GAS CORP.
Farm Name: ANDERSON, CHARLES Well No. 1

TYPE OPERATION (Check One)
New Well [X]
Workover [ ]
Deepening [ ]

LOCATION 7½' quad ALPINE
County: OVERTON
Carter Coordinates 1 (Section) 2-S N or S 52E E or W Quad
Footage from Section Lines:
1725 from (N) line S 2380 from (E) line W

ELEVATION 881 (ground) (D.F.) (K.B.)

TOTAL DEPTH
Drillers's Log 1780' Geophysical Log

OPERATIONAL DATES
Date Commenced 9/08/04 Date Drilling Completed 09/14/04
Date Plugged (IF DRY HOLE) Date Placed in Operation (IF PRODUCING, INJECTION, ETC.)
Date 9/14/04
SHUT-IN PRODUCER OR OTHER TEMPORARILY SUSPENDED OPERATION)

DRILLING METHOD
Cable Rotary Tools Conventional—from ____ to ____
Tools from ____ to ____ (Depths) Air—from ____ to ____ (Depths)
CONTRACTOR(S): TALENT DRILLING INC.
Address: RT. 3 BOX 550
ALBANY, KENTUCKY

TYPE(S) OF GEOPHYSICAL LOGS RUN:
(Electrical, induction, sonic, gamma ray, neutron, density, etc.)
RAN CAMERA

TYPE OF COMPLETION
Dry Hole [X]
Oil [ ]
Gas [ ]
Shut-in or Producing
Pressure Maintenance or Secondary Recovery
Water Injection [ ]
Gas Injection [ ]
Gas Storage:
Injection-Extraction [ ]
Observation [ ]
SERVICE WELL:
Saltwater Disposal [ ]
Water Supply [ ]
Observation Well [ ]
Other

INITIAL PRODUCTION
Oil (bbl/day) ____ [ ] Pumping [ ] Natural
Gas (MCF/day) ____ [ ] Flowing [ ] After treatment
Water (bbl/day) ____ GOR ____
Hours tested ____ Choke size ____
Pressure: Tubing ____ [ ] shut-in [ ] flowing
(in psi) Casing ____ [ ] shut-in [ ] flowing
Disposition of gas ____
(State whether vented, used for fuel, or sold)
Oil gravity (°API)

PRODUCING INTERNAL
Formation Name(s) Interval(s)

WELL TREATMENT
(check applicable boxes)

			In open hole	Thru perforation
Shot	qts.	Interval	[ ]	[ ]
Shot	qts.	Interval	[ ]	[ ]
Acid	gals	Interval	[ ]	[ ]
Acid	gals.	Interval	[ ]	[ ]
Fracture	gals. lbs/sand	Interval	[ ]	[ ]
Fracture	gals. lbs/sand	Interval	[ ]	[ ]

CASING RECORD

SIZE	DEPTH	SKS CEMENT	CSG PULLED
7"	341		NO
95/8	26		NO
WE USED 60 SKS CEMENT			

NONCOMERCIAL SHOWS OF OIL AND GAS

Interval (Depths—Top Base)	Formation	Remarks (Shows of oil and/or gas, fluid-up tests, Dist's, Corps, Etc.)
560-780	SUNNYBROOKE	GAS

Form R WH-1
CN-8221

(See reverse side)

Executed this the 25 day of SEPTEMBER ### 2004

State of TENNESSEE

County of OVERTON

Thomas Watkins
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared THOMAS WATKINS known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 25 day of SEPTEMBER ### 2004

SEAL

My commission expires 11/22/2004

BILLY JOE GRIFFITH

Notary Public in and for TENNESSEE

County. SUMNER AT LARGE

FORMATION RECORD
Permit No. 10416

From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)	From	To	Rock Type (describe rock types and other materials penetrated and record occurrences of oil, gas and water from surface to total depth)
0	6	SOFT SOIL			
6	100	BROKEN DARK GRAY LIMESTONE			
100	150	BLACK LIMESTONE WITH WHITE CHERT NODULES			
150	155	WHITE GYPSUM STREAK			
155	170	WHITE CRYSTALLINE LIMESTONE			
170	275	OLIVE GREEN LIMESTONE EMBEDDED W/OLIVE GREEN SHALE			
275	300	OLIVE GREEN SHALE			
300	305	(BEAVER) DARK BROWN CHERTY LIMESTONE			
305	335	CHATTANOOGA BLACK SHALE			
335	430	MEDIUM BROWN COARSE GRAINED LIMESTONE			
430	560	BLACK BROWN CRYSTALLINE LIMESTONE			
560	730	BLACKISH BROWN CRYSTALLINE LIMESTONE			
730	760	MEDIUM BROWN CRYSTALLINE LIMESTONE			
760	830	(HERMITAGE) DARK GRAY SHALEY LIMESTONE			
830	835	MUD CAVE WITH BENTONITE			
835	855	BROKEN BROWN LIMESTONE			
855	860	GREEN PENCIL CAVE			
860	1090	LIGHT TAN LIMESTONE			
1090	1280	MEDIUM BROWN LIMESTONE WITH BLACK STREAKS			
1280	1510	BLACK LIMESTONE			
1510	1610	BLACK LIMESTONE EMBEDDED WITH PALE GRAY LIMESTONE			
1610	1675	(WELLS-CREEK) PALE GRAY LIMESTONE & DOLOMITE			
1675	1685	(TOP -KNOX) BROWN DOLOMITE & CHERT			
1685	1780	SOFT GRAY DOLOMITE			

DO NOT WRITE IN THIS SPACE

SAMPLES REQUIRED: YES____ NO X

IMPORTANT: See Reverse Side

WELL PERMIT NO. 10416

STATE OF TENNESSEE
STATE OIL AND GAS BOARD
13TH FLOOR L & C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0445

DO NOT WRITE IN THIS SPACE
Fee $150.00
Approval Date 9/6/04
Approved By MKB
Plat OK MKB
Bond BS SS
API No. 41-133-21953

APPLICATION FOR PERMIT TO DRILL

1. Well operator: BASIN OIL AND GAS CORPORATION Telephone: (877) 542-1444
2. Permanent address: 207-C EAST REYNOLDS RD. LEXINGTON, KY 40517-1275
3. Address for mailing permit: SAME AS OPERATOR
4. Farm owner (lessor) or unit: CHARLES ANDERSON Well no: 1
5. Farm owner's mailing address: 9045 CELINA RD. BURKESVILLE, KY 42717
6. County: OVERTON 7-1/2' Topo. Quad.(Name) ALPINE, 1979
7. Carter Coordinates:
   1725' FNL, ~~FSL~~ 2380' FEL, ~~FWL~~ Sec. 1 Carter Quad 2 ~~N~~(S) 52 ~~E~~(W)
8. Distance & direction from nearest town or postoffice: 3½ m. NE OF ALPINE OFF WINTON LANE
9. Ground elevation: 881.0' Proposed total depth: 2000'
10. Name of deepest geological formation to be tested: KNOX
11. This proposed well is to be drilled for the following purpose:
    Oil ✓ Gas ✓
    Other
12. Name of contractor: TALLENT DRILLING CO. INC.
13. Address: SO HWY 127 ALBANY, KY 42602
14. To be drilled by Rotary: ✓ Cable tools ____ Combination ____
15. Distance from nearest property line; or unit line if unit: 323.77'
16. Distance to nearest well, regardless of Status (within 3000 ft.) 1275'
17. Single well bond: Cash ____ Surety ____ Blanket bond: Cash ____ Surety ✓
18. Is applicant at this time in violation of any requirements? Yes ☐ No ☒
    Surface Casing: (Surface casing program shall comply with Chapter II, Section 7 of General Rules and Regulations)
19. Surface casing program for rotary rig: Size 9 5/8 Length 380' 30'
    (Surface casing will be cemented with returns to surface)
20. Description of casing program for cable tools: Size ____ Length ____
    (Surface casing will be cemented with returns to surface)
21. Will this well penetrate Pennsylvania strata? Yes ☐ No ☒
22. If answer is yes, answer all questions in box below:

Is the coal owned by any person other than the oil and gas lessor? Yes ☐ No ☐

Coal owners and address:

Is any coal within 1000 feet of the proposed location on either this tract or another tract being actively mined? Yes ☐ No ☐

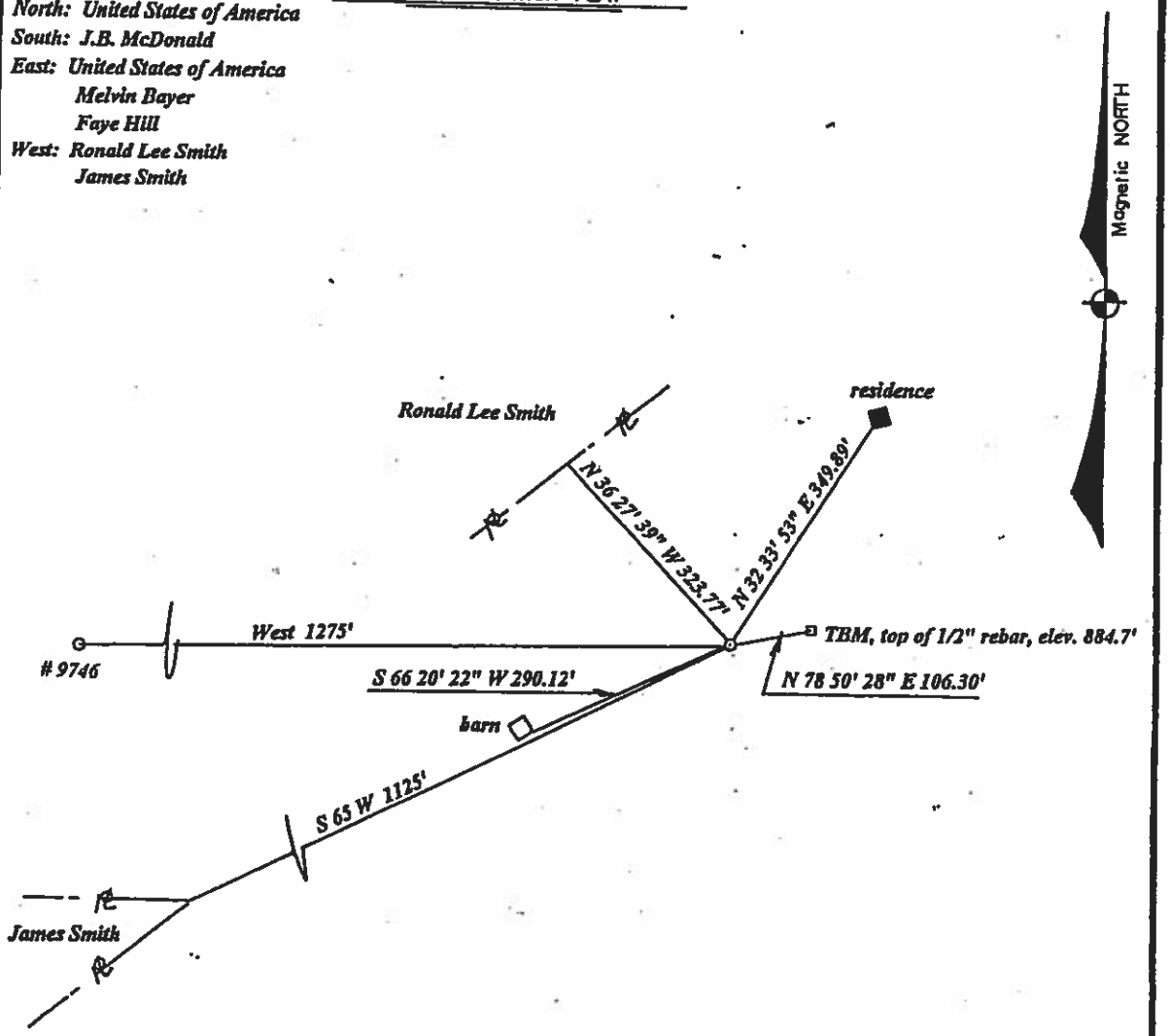
The undersigned well operator has sent a copy of this application and a copy of the well location plat by registered or certified mail to all coal owners or operators names herein.

Form P-AD-1
CN-0211 (Rev 6-93)

RDA 1910

Bounded By:
North: *United States of America*
South: *J.B. McDonald*
East: *United States of America*
Melvin Bayer
Faye Hill
West: *Ronald Lee Smith*
James Smith

WELL LOCATION PLAT



Note: The residence shown to the north one hundred feet doesn't exist.

Operator: *Basin Oil and Gas Corporation*

Address: *207-C East Reynolds Road Lexington, Kentucky 40517-1275*

Well name and/or number: *1*

Surface owner: *Charles Anderson*

County: *Overton*

Distance and direction from nearest town: *Three and one-half miles northeast of Alpine off Winton Lane*

Acreage in drillsite tract: *201* Ground elevation: *881.0'*

0 200' 400'
GRAPHIC SCALE: 1"=200'

Quadrangle *Alpine, 1979*

Sec. *1*, *2* S *52* E

1725' FNL FEL *2380'* FEL FWL

1725' FNL

2380' FEL

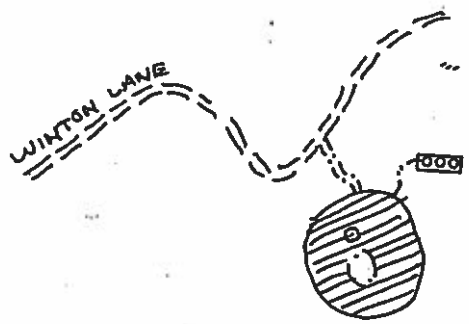
Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

06/07/04

Michael W. Asberry, P.L.S. # 1653, Date

SUPPLEMENT TO LOCATION PLAT



Magnetic NORTH

Operator: *Basin Oil and Gas Corporation*

Address: *207-C East Reynolds Road Lexington, Kentucky 40517-1275*

Well name and/or number: *1*

Surface owner: *Charles Anderson*

9045 Celina Road

Burkesville, Kentucky 42717

0 200' 400'

GRAPHIC SCALE: 1"=200'

LEGEND:

- Paved road
- Improved road
- Unimproved road
- Access road
- Well Location
- Tank battery
- Flow line
- Pit
- Disturbed area
- Residence
- Barn

Prepared by:

Michael W. Asberry, P.L.S., TN # 1653, KY # 3153
P.O. Box 308
Byrdstown, Tennessee 38549
(931) 864-6232

20/07/07

Michael W. Asberry, P.L.S. # 1653, Date

County Overton
Quad Alpine
Carter's 1 T 2S R 52E
FNL 1725 FEL 2380
FSL _____ FWL _____

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF GEOLOGY
STATE OIL AND GAS BOARD
13th FLOOR, L&C TOWER
401 CHURCH STREET
NASHVILLE, TN 37243-0440

Permit No. 10416

Oil & Gas Form No. R-P&A-1

PLUG AND ABANDON REPORT

NOTICE: TO BE FILED WITHIN 30 DAYS FROM DATE WELL IS PLUGGED

OPERATOR BASIN OIL & GAS CORP.

FARM NAME CHARLES ANDERSON WELL NO. 1

Date Plugged 5/19/05 Total Depth 1780'

Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount of cement.

Set brush plug @ 1600' with 10 SKS cement & 10 gal. rocks

Set brush plug @ 370' with 10 SKS cement & 10 gal. rocks

Set brush plug @ 30' with 5 SKS cement & 10 gal. rocks

*NOTE: You must have inspector sign

Was well filled with cement? _____

Glenn Burke

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach notarized letter from surface owner authorizing completion of this well as a water well and agreeing to assume liability for any subsequent plugging which might be required.

State of Tennessee }
County of Overton }

Thomas Watkins
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Thomas Watkins known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct. And affiant further states that he is familiar with the Rules and Regulations of the State of Tennessee Oil and Gas Board and that he has complied with said Rules and Regulations.

Subscribed and sworn to before me this 20 day of MAY 2005.

SEAL

My commission expires 11/17/2008

BILLY JOE GRIFFITH
Notary Public in and for Tennessee County, Overton

CN-0217 (Rev. 4/83)

RECEIVED
JUN 0 8 2005
TN OIL & GAS BOARD

RDA-1910