Artificial Penetration No. 23
O'Brien Operation Company
J. Parnell et al. No. 1

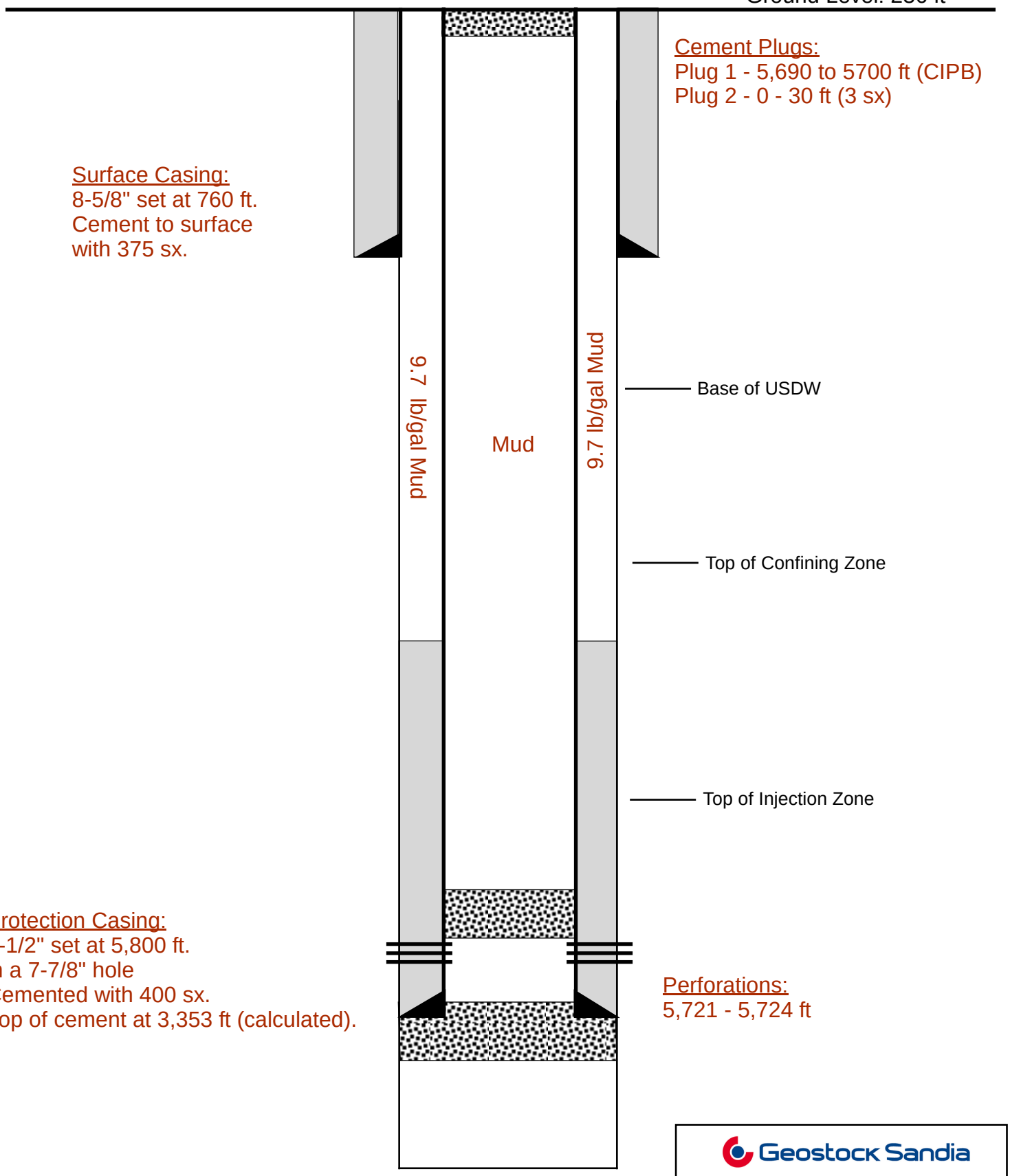
Geostock Sandia

Artificial Penetration No. 23

API Number: 03139-12802
Operator: O'Brien Operating Company
Well Name: J. Parnell et al. No. 1
Status: Plugged and Abandoned

Spud Date: October 25, 1989
Date Plugged: August 10, 2020
KB: 16 ft
Total Depth: 6,800 ft

Ground Level: 236 ft



Geostock Sandia

Date: January 2023 *Not to Scale*
Schematic based upon Arkansas State Records

Area of Review

Cement Volume and Height Calculation AP 23									
Hole Diameter (in)*	Casing Outer Diameter (in)	Casing Setting Depth (feet)	Prior Casing Depth (feet)	Cement Pumped (sacks)	Slurry Volume (ft^3/sack)	Annular Volume Below Casing (gal)	Cement Volume Pumped (gal)	Calculated Cement Height (feet)	Calculated Top of Cement (feet)
7 7/8	5 1/2	5,800	760	400	1.06	6,532	3,172	2,447	3,353

**Bit sizes (hole diameter) come from Log or conservative estimates are used when unknown.*

EQUATIONS

CASING ANNULAR VOLUME

$$[(D^2 - d^2) \times (L - L_{sc}) \times 0.0408] + [(D^2_{sc} - d^2) \times [L_{sc} \times 0.0408] = \text{Volume (gals)}$$

D	=	Hole Diameter (in)
d	=	Casing OD (in)
L	=	Setting Depth (ft)
L_{sc}	=	Surface Casing Setting Depth (ft)
D_{sc}	=	Surface Casing ID (in)

CEMENT VOLUME

$$V_{SL} \times \text{\# of sacks} \times 7.48052\ \text{gal/ft}^3 = \text{Volume (gals)}$$

V_{SL} = Slurry Volume (ft^3/sack)

5M—5-71—63489—PP&SCo

AOGC-3(56)

33912

STATE OF ARKANSAS
OIL AND GAS COMMISSION
El Dorado, Arkansas

Well Completion and Recompletion Report

(Instructions See Reverse Side)

Dist. Well

Notice: This form must be completed and filed prior to allowable being granted.

WELL DESCRIPTION

Field ~~Wildcat~~ AGNES ROAD NORTH Name of Operator O'Brien Operating Co.

Pool Completed In Cotton Valley

Lease Name John Parnell et al No 1 Address Street P.O. Box 6020

Exact Location 1980' FWL and 2324' FNL of Sec 13

City Shreveport

Sec 13 Twp 17S Rge 16W

County Union State Louisiana 71136-6020

Date Commenced 10-25-89

Date Completed 11-14-89

Elevation GL 236.5 KB 247.5

Total Depth Drilled 6800'

Electric Log Run: Yes X No

Electric Log Filed Yes X No

RECEIVED
NOV 20 1989
ARKANSAS OIL & GAS COMMISSION

CASING, TUBING, PERFORATING AND COMPLETION PROGRAM USED IN WELL

Conductor (Size & Wt) None set at ft w/ sks

Surface (Size & Wt) 8-5/8 24# set at 760 ft w/ 375 sks

Intermediate (Size & Wt) None set at ft w/ sks

Production (Size & Wt) 5-1/2 15.5# set at 5800 ft w/ 400 sks.

Tubing. (Size & Wt) 2-7/8 6.5# set at 5748 ft

Peforations Size 0.4 No Per Foot 4

Peforated Intervals: 5721.5-24

Acidized Yes No X ; Interval w/ gals

Fractured Yes No X ; Interval w/ lbs.

of sand, bbls of oil

LEASE DATA

1 Number of wells located on this lease, including this well 1

2 Tank battery to which this well is connected: Existing New 1

3 Liquid production from this well is sold to (Enron

(Address 1400 Smith St. Houston, TX 77002

4 Disposition of gas from this well: Vented X Fuel Sold

If sold, to whom

Address

PRODUCTION

Date of Test 11-14-89 Actual Length of Time Tested 2 Hrs.

Type Well Flowing X Gas Lift Pump

Tubing Pressure 650 psig Casing Pressure 0 Choke Size 8/64

Net Oil Produced 12 bbls Gas Produced not measured MCF % BSW 0.2 GOR -

Gravity Oil not taken BHP Recorded No

Net Oil in 24 Hours 144 Open Flow Potential MCF

Purpose of this test Original Completion X Workover Recompletion

Allowable Requested ~~150~~ 80 BOPD

REMARKS:

Please use reverse side of this page for all pertinent remarks

CERTIFICATE

I declare under the penalties of perjury that this report ~~has~~ been examined by me and to the best of my knowledge is true, correct and complete.

J R Gordon

REMARKS.

INSTRUCTIONS

The Well Completion Test Form, WITH ALL INFORMATION REQUESTED THEREON FILLED IN, shall be filed not later than five (5) days after the test is completed, and should the operator fail to file a test form in an acceptable form within the five (5) days as specified, then the effective date of the allowable resulting from such test shall not extend back more than five (5) days prior to receipt and acceptance of the test form This five-day provision shall govern regardless of whether the test is taken during the month in which it is received or any prior month

Any test form resulting from a retest of an oil well which is received after the fifteenth (15th) of the month shall not be used as the basis for the establishing a new allowable before the issuance of the proration schedule for the next succeeding month

5M—5-71—63489—PP&SCo

AOGC-3(56)

STATE OF ARKANSAS
OIL AND GAS COMMISSION
El Dorado, Arkansas

Well Completion and Recompletion Report

(Instructions· See Reverse Side)

Notice: This form must be completed and filed prior to allowable being granted.

WELL DESCRIPTION

Field: Wildcat
Name of Operator: O'Brien Operating Co.
Pool Completed In: Cotton Valley
Lease Name: John Parnell et al No 1
Address. Street: P.O. Box 6020
Exact Location: 1980' FWL and 2324' FNL of Sec 13
City: Shreveport
Sec 13 Twp 17S Rge 16W
County: Union
State: Louisiana 71136-6020
Date Commenced: 10-25-89
Date Completed: 11-14-89
Elevation: GL 236.5 KB 247.5
Total Depth Drilled: 6800'
Electric Log Run: Yes X No
Electric Log Filed. Yes X No

CASING, TUBING, PERFORATING AND COMPLETION PROGRAM USED IN WELL

Conductor: (Size & Wt.) None set at ft. w/ sks.
Surface: (Size & Wt.) 8-5/8 24# set at 760 ft w/ 375 sks.
Intermediate (Size & Wt.) None set at ft. w/ sks.
Production: (Size & Wt.) 5-1/2 15.5# set at 5800 ft. w/ 400 sks.
Tubing (Size & Wt) 2-7/8 6.5# set at 5748 ft.
Peforations: Size 0.4 No Per Foot 4
Peforated Intervals: 5721.5-24

Acidized: Yes No X; Interval w/ gals.
Fractured. Yes No X; Interval w/ lbs.
of sand; bbls. of oil.

LEASE DATA

1. Number of wells located on this lease, including this well 1
2. Tank battery to which this well is connected: Existing New 1
3. Liquid production from this well is sold to (Enron
(Address 1400 Smith St. Houston, TX 77002
4 Disposition of gas from this well: Vented X Fuel Sold
If sold, to whom
Address

PRODUCTION

Date of Test 11-14-89 Actual Length of Time Tested 2 Hrs.
Type Well: Flowing X Gas Lift Pump.
Tubing Pressure 650 psig Casing Pressure 0 Choke Size 8/64
Net Oil Produced 12 bbls Gas Produced not measured MCF % BSW 0.2 GOR -
Gravity Oil not taken BHP Recorded No
Net Oil in 24 Hours 144 Open Flow Potential MCF
Purpose of this test· Original Completion X Workover Recompletion
Allowable Requested 150 BOPD

REMARKS:
Please use reverse side of this page for all pertinent remarks

CERTIFICATE

I declare under the penalties of perjury that this report has been examined by me and to the best of my knowledge is true, correct and complete.

J. P. Gordon

ARKANSAS OIL AND GAS COMMISSION

Submit Form To Appropriate Regional Office

☐ Fort Smith Regional Office
3309 Phoenix Avenue
Fort Smith, Arkansas 72903
Phone: 479-646-6611
Fax: 479-649-7656

☐ El Dorado Regional Office
P.O. Box 11510
El Dorado, Arkansas 71730
Phone: 870-862-4965
Fax: 870-862-8823

RECEIVED
AR OIL & GAS COMMISSION
2020 JUL 30 PM 1:35

FORM 11
NOTICE OF INTENT TO PLUG

Date: 7/30/20

General Information

Crude Oil LLC — Current Permit Holder's Name
270 Meadow Hills El Dorado — Mailing Address
270 Meadow Hills — Physical Address
El Dorado — City
AR — State
71730 — Zip
870 310 2620 — Phone Number
Fax
steve r 61158@gmail.com — E-Mail

Well Information

33912 — Permit Number
John Parnell Etal #1 — Well Name and Number
13 — Section
17S — Township
16W — Range
Agnes Road North — Field
Union — County

Well Specific Information

Casing Record (from largest diameter to smallest)

	Surface	Casing # 2	Casing # 3	Casing # 4	Casing # 5	Tubing
Size	8 5/8	5½				
Wt-Lbs/Ft	24	15.5				
Footage	760	5800				
Cement	375	400				
Hole Size						
Cementer						

Well bore total depth. 6800
Well bore plug back total depth. 5800
Is there any known tools, drill pipe, or junk known to exist in the well bore? ☐ Yes ☑ No
If this well is horizontally drilled, give kick-off point.
Is there a rat-hole or mouse-hole present at this location? ☐ Yes ☐ No

One-Half Mile Area of Review Information - For North Arkansas Dry Gas Wells ONLY

Is there any known water wells within 1/2 mile radius of this well? ☐ Yes ☐ No If yes, give location and depth of the deepest fresh water well within 1/2 mile.

List any zone which has been productive of gas within this well and within 1/2 mile of this well.

	Zone # 1	Zone # 2	Zone # 3	Zone # 4	Zone # 5	Zone # 6
Name of Zone						
Well Name and Number						
Permit Number						
Perforated Interval						

List any zone which contains any amount of hydrogen sulfide gas within this well and within one-half (1/2) mile of this well.

	Zone # 1	Zone # 2	Zone # 3	Zone # 4	Zone # 5	Zone # 6
Name of Zone						
Interval from/to (footage)						
Well Name and Number						
Permit Number						

List any zone that will not be covered by the surface casing plug which produced water during the drilling or subsequent plugging operations or known to be significant water producing formations in the area.

	Zone # 1	Zone # 2	Zone # 3	Zone # 4	Zone # 5	Zone # 6
Top of Zone						
Bottom of Zone						

CERTIFICATE

I declare under the penalties of perjury that this report has been examined by me and to the best of my knowledge is true, correct and complete.

Steve Rogers — Signature
Steve Rogers — Typed or Clearly Printed Name

See Instructions on Reverse Side

Revised 07/10

Mr. Steve Rogers
Crude Oil, LLC
270 Meadow Hills
El Dorado, AR 71730

March 24, 2020

Gary D. Looney
Assistant Director, Oil and Gas Commission
El Dorado Regional Office
P.O. Box 11510, 2215 W. Hillsboro
El Dorado, AR 71730

RE: Parnell 1, PN 33912
Parnell 2 SWD, PN 34337
Agnes Road North Field
Union County, AR

Dear Mr. Looney,

In response to your letter of February 25, 2020, in regards to the two Parnell Wells, on the Parnell King Place, I have no plans to attempt to put these wells into production. I would like your permission to have both of these wells plugged, equipment removed and the location restored, by mid-summer.

At the present time, I believe I would do more damage to the road and locations attempting this work. I just need a season of dryer weather. If you have any questions feel free to contact me at 870-310-2620.

Sincerely,

Steve Rogers

Steve Rogers

ARKANSAS
ENERGY & ENVIRONMENT

February 25, 2020

Mr. Steve Rogers
Crude Oil, LLC
270 Meadow Hills
El Dorado, AR 71730

Re: Parnell 1, PN 33912
Parnell 2 SWD, PN 34337
Agnes Road North Field
Union County, AR

Dear Mr. Rogers,

I have received an email from Mr. Martin Parnell King regarding the two above referenced wells which he purports to be located on property of his family. Having received his email, I reviewed the well and production files for both wells. Our records indicate that the production of oil ceased in May, 1991. Our records also indicate that the Class II disposal well has not demonstrated integrity within the required timeframe. A letter in the files from 2018 further indicates that we have discussed this matter in the past however at that time, I failed to follow up with you on it.

It would appear that both wells should now be plugged, any remaining equipment removed and the surface restored. If you do not wish to plug the Parnell wells, given the amount of time which has elapsed since last production, it will be necessary to file an application for hearing should you wish to temporary abandon these wells for any additional period of time. Please review your records as necessary and respond in writing to me within 30 days of your decision to plug the Parnell 1 and 2 wells or seek a temporary abandon status through the hearing process. If you wish to discuss this matter, please contact me at your earliest convenience.

Sincerely,

Gary D. Looney

Gary D. Looney
Assistant Director, Oil and Gas Commission
El Dorado Regional Office
P.O. Box 11510, 2215 W. Hillsboro El Dorado, AR 71730
Phone: (870) 862-4965

Steve Rogers
270 Meadowville Dr
El Dorado, AR 71730

2008 SEP 22 AM 9 23

September 19, 2008

Dear Mr. Looney,

I am in the process of putting four wells back into production in Union Co. AR. These wells have not produced in 7 to 20 years. Crude Oil LLC would like to ask for severance tax exemption benefits by Authority of Arkansas Act 1093 of 1995 for the following wells:

PN: 33912	Parnell #1	Sec. 13	TWP 175	RGE 16W
	Parnell #2	Sec. 13	TWP 175	RGE 16W
	Brewster #1	Sec. 23	TWP 175	RGE 16W
	Debo #1	Sec. 10	TWP 175	RGE 14W

Thank you,

Steve Rogers

Steve Rogers

ARKANSAS OIL AND GAS COMMISSION

Director's Office:
301 Natural Resources Drive
Suite 102
Little Rock, AR 72205
Phone: (501) 683-5814
Fax: (501) 683-5818
http://www.aogc.state.ar.us

Mike Beebe
Governor

Lawrence Bengal
Director

El Dorado Regional Office
2215 West Hillsboro
El Dorado, AR 71730
Phone: (870) 862-4965
FAX (870) 862-8823

Fort Smith Regional Office
3309 Phoenix Avenue
Fort Smith, AR 72903
Phone (479) 646-6611
FAX (479) 649-7656

September 23, 2008

Steve Rogers
Crude Oil, LLC
270 Meadow Hills
El Dorado, AR 71730

RE: Severance Tax Exemption Request
Parnell, John Etal 1
Sec. 13-17S-16W
Agnes Road North Field
Union County, AR

Dear Mr. Rogers;

Our office received a letter requesting Severance Tax Exemption for the above mentioned well(s). Please resubmit your request using and AOGC Form 30. This form can be found on our website at www.aogc.state.ar.us.

For your convenience I am enclosing a blank Form 30. If you have any questions please contact this office.

Sincerely,

Sunshine Perry

Sunshine Perry
Arkansas Oil and Gas Commission
El Dorado Regional Office

COMMISSION MEMBERS
Chad White, Chairman, Magnolia
W Frank Morledge, Vice-Chairman, Forrest City
Charles Wohlford, Fort Smith • Bill Poynter, Texarkana
Mike Davis, Magnolia • Kenneth Williams, Jersey
Carolyn Pollan, Fort Smith • William L Dawkins, Jr , Fort Smith
Jerry Langley, Smackover

An equal opportunity employer

ARKANSAS OIL AND GAS COMMISSION

Submit Form To
Headquarters Office
2215 West Hillsboro
El Dorado, Arkansas 71730

FORM 23
NOTIFICATION OF WELL TRANSFER OR NAME CHANGE

☐ Individual Well Transfer ☑ Lease/Unit Transfer ☐ Unitized Area ☐ Well Name Change

A Well Information

Permit No	Well Name	No
33912 14337	Parnell 1 + 2	

Sec	Twp	Rge	County	Field
13	17S	16W	UNION	Agnes Road North

B Lease/Unit Information

Lease/Unit/Unitized Area Name	Total Number of Wells in Transfer
Parnell Lease	2

County	Field
UNION	Agnes Road North

Attach map showing lease/unit/unitized boundaries, with well location(s), and list of wells with permit numbers and location descriptions to be transferred

C New Operator

New Operator Name	Contact Person
Studio C, LLC	Steve Rogers

Address	City	State	Zip
270 Meadow Hills	El Dorado	AR	71730

Phone No	Fax No	E-mail
	870 875 2227	

LOTT (Name of Purchaser) whose address is

School St (Street) El Dorado (City) AR (State) 71730 (Zip)

is authorized to purchase 100 % of the ☒ Oil ☐ Gas produced from well or lease designated in Section A or B until further notice

Other purchasers purchasing oil or gas from this well or lease _____ %
_____ %

I acknowledge, as the new operator, I am responsible for ensuring compliance with all requirements of the Arkansas Oil and Gas Commission rules and regulations

Name Steve Rogers Title Manager

Signature Steve Rogers Date 4/25/08

D Current Operator

Current Operator Name	Contact Person

Address	City	State	Zip

Phone No	Fax No	E-mail

Name _____ Title _____

Signature _____ Date _____

E. Well Name Change

Original Well Name	New Well Name

Justification for requesting well name change
Attach list for more than one well name change

F TRANSFER APPROVED

Lan E Byl (Commission Representative) _____ (Date)

Revised 4/06

BancorpSouth®

April 25, 2008

Arkansas Oil & Gas Commission
El Dorado, Ar. 71730

To Whomever It May Concern·

I, David Skinner, representing BancorpSouth Bank, sold equipment associated with the Parnell lease, wells #1 & #2, to Mr. Jim Phillips and Mr. Mickey Berg somewhere around the years of 2000 – 2002

Sincerely,
David Skinner

P O Box 751 • El Dorado, AR 71731-0751 • 870-863-3181

Prepared by
Steve Rogers
270 Meadow Hills
El Dorado, Arkansas 71730

2008 3177
Recorded in the Above
Deed Book & Page
04-02-2008 09:17:59 AM
Cheryl Cochran-Wilson Circ Clerk
Union County, AR
Book/Pg: 2008/3177
Term/Cashier: UCCC-E2 / LHIMSON
Tran: 3943.124108.148577
Recorded: 04-02-2008 09:18:42
CFE Deed 25.00
REC Recording Fee 0.00
Total Fees: $ 25.00

OIL AND GAS LEASE
(PAID UP)

THIS AGREEMENT is made and entered into this 20th day of February, 2008, between

MONICA KING, INDIVIDUALLY, AND AS AGENT AND ATTORNEY IN FACT FOR LOUIS PARNELL KING,

wife and husband

301 Wintergreen Court, Weatherford TX 76085 hereinafter called **Lessor** (whether one or more), and

STEVE ROGERS, 270 Meadow Hills, El Dorado, Arkansas, 71730, hereinafter called **Lessee**

WITNESSETH: That the said Lessor, for and in consideration of ten and other valuable considerations ($10 00 OVC) DOLLARS cash in hand paid, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained on the part of Lessee to be paid, kept, and performed, has GRANTED, DEMISED, LEASED and LET, and by these presents does GRANT, DEMISE, LEASE and LET unto the said Lessee, for the sole and only purpose of exploring by geophysical and other methods, mining and operating for oil (including but not limited to distillate and condensate), gas (including casinghead gas and helium and all other constituents), and for laying pipelines and building tanks, powers, stations, and structures thereon, to produce, save, and take care of said products, all that certain tract of land, together with any reversionary rights therein, situated in the State of Arkansas, and described as follows, to-_wit

County Union **Section** 13 **Township** 17 South **Range** 16 West

SECTION 13 The East Half of the Northwest Quarter, 80 acres, and
The Southwest Quarter of the Northwest Quarter, 40 acres, and
The North Half of the Northwest Quarter of the Northwest Quarter, 20 acres

and containing 140.0 acres, more or less In addition to the land above described, Lessor hereby grants, leases, and lets exclusively unto Lessee, to the same extent as if specifically described herein, all lands owned or claimed by Lessor which are adjacent, contiguous to, or form a part of the lands above particularly described, including all oil, gas, and their constituents underlying lakes, rivers, streams, roads, easements and rights-of-way which traverse or adjoin any of said lands

1 It is agreed that this lease shall remain in force for a term of THREE (3) years from date (herein called *primary term*) and as long thereafter as oil or gas, or either of them, is produced from said land by the Lessee, and as long thereafter as operations, as hereinafter defined, are conducted upon said land with no cessation for more than ninety (90) consecutive days Whenever used in this lease the word "operations" shall mean operations for and any of the following drilling, testing, completing, reworking, recompleting, deepening, plugging back or repairing of a well in search of or in an endeavor to obtain production of oil, gas, or other minerals, or production of oil, gas, or other minerals, whether or not in paying quantities If while this lease is in force, at, or after the expiration of the primary term hereof, it is not being continued in force by reason of the shut-in well provisions hereinafter stated, and Lessee is not conducting operations on said land by reason of (1) any law, order, rule or regulation (whether or not subsequently determined to be invalid), or (2) any other cause, whether similar or dissimilar, (except financial) beyond the reasonable control of Lessee, the primary term hereof shall be extended until the first anniversary date hereof occurring ninety (90) or more days following the removal of such delaying cause, and this lease may be extended thereafter by operations as if such delay had not occurred

2 In consideration of the premises, the said Lessee covenants and agrees
- A To deliver to the credit of Lessor the one-eighth (1/8) part of all oil (including but not limited to condensate and distillate) produced and saved from the leased premises,
- B To pay Lessor for gas of whatsoever nature or kind (with all of its constituents) produced and sold or used off the leased premises, or used in the manufacture of products therefrom, one-eighth (1/8) of the proceeds received for the gas sold, used off the premises, or in the manufacture of products therefrom, but in no event more than one-eighth (1/8) of the actual amount received by the Lessee, said payments to be made monthly,
- C To pay Lessor for gas produced from any oil well and used off the premises, or for the manufacture of casinghead gasoline or dry commercial gas, one-eighth (1/8) of the proceeds, at the mouth of the well, received by Lessee for the gas during the time such gas shall be used, said payments to be made monthly,
- D Lessee is authorized to deduct from such proceeds the cost incurred in compressing, treating, dehydrating, marketing and transporting such oil, gas and/or casinghead gas for delivery in computing the proceeds at the well payable as royalty, and
- E That all royalties, shut-in royalties, or other sums which may become payable to Lessor under the terms of this lease may be paid or tendered by cash, check, draft, electronic funds transfer, or any other commercially reasonable method, which Lessee may elect from time to time

3 If, at the expiration of the primary term or at any such time or times thereafter, there is any well on said land or on lands with which such land or any portion thereof has been pooled, capable of producing oil or gas, and all such wells are shut-in, this lease shall, nevertheless, continue in force as though operations were being conducted on said land for so long as said wells are shut-in, and thereafter this lease may be continued in force as if no shut-in had occurred Lessee shall

not be obligated to install or furnish facilities other than well facilities and the ordinary lease facilities of flow lines, separator, and lease tank, and shall not be required to settle labor trouble or to market gas upon terms unacceptable to Lessee If, at any time or times after the expiration of the primary term all such wells are shut-in for a period of ninety consecutive days, and during such time there are no operations on said land, then at or before the expiration of said ninety day period, Lessee shall pay or tender as royalty, a sum equal to one dollar ($1 00) per year per net royalty acre covered hereby Lessee shall make like payments or tenders on or before the end of each anniversary of the expiration of said ninety day period if upon such anniversary this lease is being continued in force solely by reason of the provisions of this paragraph

4 Lessee is hereby granted the right at any time and from time to time to unitize the leased premises or any portion or portions thereof, as to all strata or any stratum or strata, with any other lands, as to all strata or any stratum or strata, for the production primarily of oil or primarily of gas with or without distillate However, no unit for the production primarily of oil shall embrace more than 160 acres, or for the production primarily of gas, with or without distillate, more than 640 acres, provided that if any governmental regulation shall prescribe a spacing pattern for the development of the field or allocate a producing allowable based on acreage per well, then any such unit may embrace as much additional acreage as may be so prescribed or as may be used in such allocation of allowable Operations upon and production from the unit shall be treated as if such operations were upon or such production was from the leased premises whether or not the well or wells are located thereon The entire acreage within a unit shall be treated for all purposes as if it were covered by and included in this lease except that the royalty on production from the unit shall be as below provided, and except that in calculating the amount of any shut-in gas royalties only that part of the acreage originally leased and then actually embraced by this lease shall be counted In respect to production from the unit, Lessee shall pay Lessor, in lieu of other royalties thereon, only such proportion of the royalties stipulated herein as the amount of his acreage placed in the unit, or his royalty interest therein on an acreage basis bears to the total acreage in the unit. Lessee shall file written unit designations in the county in which the leased premises are located Notwithstanding the limitation that a production unit for oil cannot exceed 160 acres, or a production unit for gas cannot exceed 640 acres, Lessee, as the agent for Lessor, is granted the right to execute all necessary ratifications of any unit agreement and/or unit operating agreements as may be necessary to obtain the approval of the Arkansas Oil & Gas Commission for the creation of a field-wide unit without regard to the size of such field-wide unit

5 If said Lessor owns a less interest in the above described land than the entire and undivided fee simple estate therein, then the royalties herein provided shall be paid to the Lessor only in the proportion which his interest bears to the whole and undivided fee

6 Lessee shall have the right to use, free from cost, gas, oil, and water produced on said land for its operations thereon, except water from wells of Lessor

7 When requested by the Lessor, Lessee shall bury his pipelines below plow depth

8 No well shall be drilled nearer than 200 feet to any house or barn now on said premises without the written consent of the Lessor

9 Lessee shall pay for all damages caused by its operations inclusive of land, property and growing crops on said land

10 Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing

11 If the estate of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors, or assigns However, no change or division in ownership of the land or royalties shall enlarge the obligations or diminish the rights of Lessee No change in the ownership of the land or royalties shall be binding on the Lessee until after the Lessee has been furnished with a written transfer or assignment or a true copy thereof In case Lessee assigns this lease, in whole or in part, Lessee shall be relieved of all obligations with respect to the assigned portion or portions arising subsequent to the date of assignment.

12 All express or implied covenants of this lease shall be subject to all Federal, State, and Municipal laws, Executive Orders, Rules, and Regulations, and this lease shall not be terminated in whole or in part, nor Lessee held liable in damages, for failure to comply therewith if compliance is prevented by or such failure is the result of any such Law, Order, Rule, or Regulation

13 This lease shall be effective as to each Lessor on execution hereof as to his or her interest and shall be binding on those signing, notwithstanding some of the Lessors above named may not join in the execution hereof The word Lessor as used in this lease means the party or parties who execute this lease as Lessor although not named above

14 Lessee may at any time and from time to time surrender this lease as to any part or parts of the leased premises by delivering or mailing a release thereof to Lessor, or by placing a release of record in the proper County

15 Lessor hereby warrants and agrees to defend the title to the lands herein described, and agrees that the Lessee shall have the right at any time to redeem for Lessor, by payment, any mortgages, taxes, or other liens on the above described lands, in the event of default of payment by Lessor, and be subrogated to the rights of the holder thereof

16 Lessor hereby surrenders and releases all rights of dower and of courtesy and of homestead in the premises described herein, insofar as said rights of dower and of courtesy or of homestead may in any way affect the purposes for which this lease is made, as recited herein

IN WITNESS WHEREOF we sign the day and year first above written

Monica K King

Monica King, Individually and As Agent and
Attorney In Fact for Louis Parnell King

Soc Sec No._____

2008 3179
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04-02-2008 09:17:59 AM
Cheryl Cochran-Wilson Circ Clerk
Union County, AR

STATE OF TEXAS §

COUNTY OF Parker §

ACKNOWLEDGMENT

BE IT REMEMBERED, that on this the 11 day of March, 2008, before me, a Notary Public duly commissioned and acting in and for said County and State appeared Monica King, to me well known as the Lessor in the foregoing instrument, and stated that she had executed the same for the purposes and consideration therein mentioned and set forth

IN WITNESS WHEREOF, I have set my hand and seal as such Notary Public on the day and year first written above

DAVID L. PAYNE
Notary Public
STATE OF TEXAS
My Comm Exp June 22, 2009

Notary Public
Notary's Commissions Expires 6/22/09

Union County, AR
I certify this instrument was filed on
04-02-2008 09:17:59 AM
and recorded in Deed Book
2008 at pages 3177 - 3179
Cheryl Cochran-Wilson Circ Clerk
By: Linda Hudson

Ret Frank Borden

Parnell Lease Inspection -- 6/5/02

Inventory

- 1 – SW well with tubing and valve
- 1 – Oil well without pumping unit Includes rods, tubing, and stuffing box
- 1 – Fiberglass SW tank – 400 bbl
- 1 – Fiberglass SW tank – 210 bbl – Junk
- 2 – Steel stock tanks – 400 bbl - #'s 16446 and 16447
- 1 – 6' x 20' heater treater

Notes

- Firewall around SW tanks has oil and water in it, seeping out in the SE corner
- Road conditions fair/good

Inspected by

Steve Saulsbury

Cody Jones

Heading → John Rogers – Parnell 1 and 2 SWD

Completed November 1989

O'Brien Operating Company drilled two (2) wells in the North Agnes Road Field (Sec 13-17S-16W) The John Parnell Etal #1, Discovery well (1980) and the John Parnell Etal #2 ~~successful~~ uneconomical but later re-completed as a saltwater disposal well The No 1 is completed in the cotton valley (5721.5'-5724'), as is the No 2 SWD (4575'-4590')

Completion as follows·

	Parnell Etal #1	Parnell Etal #2 SWD
Surface	8 5/8 24 lb. @ 760' w/375 sks.	8 5/8 24 lb @ 762' w/350 sks
Production	5 1/2 15 5 lb @ 5800' w/400 sks.	5 1/2 17 lb. @ 5730' w/665 sks.
Tubing	2 7/8 6 5 lb @5748' (*)	2 7/8 6 5 lb @ 4484'
Perforations	5721 5' – 5724'	4575' – 4590'

(*) Our records reflect tubing as indicated, however by word of mouth, I have been informed that a casing leak developed in the No 1 well and it was last pumped on a packer at ± 3400 feet

Additional equipment on location are as follows.
1 - 400 bbl Fiberglass Saltwater Tank
1 - 210 bbl Fiberglass Saltwater Tank (May be junk)
2 - 400 bbl Steel Stock Tanks
1 - 6 x 20 Treater

John Rogers took operating ownership from O'Brien on Sept 1, 1995. Mr. Rogers eventually filed bankruptcy and forfeited ~~the~~ a total of $6,000 in the form of 2 letters of credit. The Parnell Etal 1 and 2 SWD have been idle since June, 1999.

10-30-01

Parnell Lease Inventory

1 - National Treating Unit 6'x20'
45193

2 - Challenger Stock Tanks
400 BBL w/ Ladder & int walk
3226 & 3227 20'x12'

1 - 500 BBL Fiberglass S.W. TANK
w/ Ladder

1 - 250 BBL Fiberglass S.W. Tank
Junk

1 - Well w/ rods & tbg / No P.U.

Assorted Flowlines & Junk & Fluid
in S.W.F.W.

1 Salt Water Disposal
complete - tbg & line heat & wkm master valve

Parnell #2 SWD
Disposal well only

Parnell #1
Continental Emsco Pumping Unit
Bridled up and ready to pump
Rods and tubing

1 Gun barrell
2 600 bbl Tank batteries L-36314/16446 & 44
1 600" Fiberglass Tank
1 400" Fiberglass Tank
1 salt water pump

all in good working condition

Location clean and in good condition

ARKANSAS OIL AND GAS COMMISSION
2215 WEST HILLSBORO
P. O. BOX 1472
EL DORADO, ARKANSAS 71731-1472

ORDER NO. 513A-2007-07 **November 02, 2007**

AGNES ROAD NORTH FIELD
Union County, Arkansas

WELL ABANDONMENT

After due notice, followed by a public hearing held in El Dorado, Arkansas, on October 23, 2007, the Arkansas Oil and Gas Commission has, following said hearing, found the following facts and ordered the following wells abandoned

FINDINGS OF FACT

From the evidence introduced at said hearing, the Commission finds

1 The wells located in Section 13, Township 17 South, Range 16 West, in the Agnes Road North Field, Union County, which are the subject of the Order below, are the

a. Parnell, John, Et Al #1
b Parnell, John #2.

2 That the last operator of record for the well enumerated in Finding 1 above, is John C Rogers

3 That the last production from any of the wells enumerated in Finding No 1 above was in excess of twenty-four months ago

4 That the last known address for John C Rogers, as listed on the Arkansas Oil and Gas Commission Forms 1 is 511 N College Ave., El Dorado, Arkansas 71730

5 That notice of this hearing was sent to John C Rogers by first class mail

6 That notice was published in newspapers of general circulation in Union County

7 That John C Rogers did not present himself at the hearing

8 That the wells enumerated in Finding 1 have been abandoned by their operator, John C Rogers

CONCLUSIONS OF LAW

1 That due notice of public hearing was given as required by law and that this Commission has jurisdiction over said parties and the matter herein considered

2 That this Commission has authority to grant said petition under the provisions of Arkansas Code Annotated 15-71-110 and 15-72-217

ORDER

It is, therefore, ordered by the Commission that the well site enumerated in Finding 1 be declared abandoned and be plugged or re-plugged and surface conditions surrounding the well site be restored in accordance with Arkansas Code Annotated 15-72-217. However, in lieu of plugging the wells, the Director of Production and Conservation shall have authority to transfer the wells to another operator in accordance with all applicable Commission rules

This Order shall be effective from and after November 02, 2007, and the Commission shall have continuing jurisdiction for the purposes of enforcement, and/or modifications or amendments to the provisions of this Order

ARKANSAS OIL AND GAS COMMISSION

Lawrence Bengal,
Director of
Production and Conservation

It is so Ordered by the Commission

Chad White, Chairman
W Frank Morledge, Vice-Chairman
Charles Wohlford
Bill Poynter
Mike Davis
Ken Williams
Carolyn Pollan
William L Dawkins
Jerry Langley

CRUMPLER O'CONNOR & WYNNE
ATTORNEYS AT LAW
1501 WEST BLOCK STREET
EL DORADO, ARKANSAS 71730

CLAUDE B CRUMPLER (1890 - 1978)
J A O CONNOR JR (1913 - 1988)
WILLIAM J WYNNE

TELEPHONE 863-8118
FACSIMILE 863 8110
AREA CODE (870)

January 13, 2000

Mr. Gary Looney, Director
Underground Injection Program
Arkansas Oil and Gas Commission
P. O. Box 1472
El Dorado, Arkansas 71731

Re: John Rogers
Parnell #1 & #2 SWD
Agnes Road, North Field

Dear Gary:

After reviewing the correspondence which you provided, I went to the Courthouse and ran the records in an effort to determine the legal status of the ownership of the above wells. A Mortgage and a Financing Statement had been granted by John C. Rogers, et ux, to the First National Bank of El Dorado covering the leases and all personal property and equipment located on the Parnell #1 Well. There was no record of any foreclosure of the Mortgage which prompted me to call Gary Burbank, the attorney for the bank, to inquire as to the status of the ownership. He stated that the bank had not foreclosed but that the loan was in default and he felt the bank would release its lien claim if the Commission agreed to plug the wells and remediate the surface.

I then called Henry Kinslow who represented Mr. Rogers in the bankruptcy proceeding who informed me that Mr. Rogers had scheduled these leases and wells in the bankruptcy but that no order of abandonment had been entered. He also agreed that he felt Mr. Rogers would disclaim any interest if the bank was willing to release its lien on the properties. After talking with Henry, I received a call from Gary Burbank advising me that the bank had received an inquiry from someone who evidenced some degree of interest in taking over the wells. As a consequence, he wanted to condition any release of the bank's lien upon the failure of this party to acquire the properties. He assured me he would be back in touch to inform me if this possible deal fell through so that we could then determine how to proceed. I will keep you informed.

Sincerely yours,

William J. Wynne

William J. Wynne

/gsw

cc: Mr. Grant E. Black, Director

RECEIVED
ARK OIL & GAS COMM.
00 JAN 14 PM 3:58

ARKANSAS
OIL AND GAS COMMISSION

2215 West Hillsboro St ■ P O Box 1472
El Dorado, Arkansas 71731-1472

William E Wright
Director

Phone (870) 862-4965
FAX Number (870) 862-8823
E-Mail aogc@ipa net

January 3, 2000

Mr William J Wynne
1501 West Block
El Dorado, AR 71730

Re John Rogers
Parnell #1 & #2 SWD
Agnes Road North Field

Dear Mr Wynne

Please find attached a copy of the letter to First National Bank (FNB) from myself and the response to me from Mr Gary Burbank on behalf of the FNB

I wrote the bank after a conversation with Mr Rogers wherein he indicated he felt no more responsibility toward the Parnell wells after the bankruptcy proceedings I do not wish for these wells to be abandoned for a length of time in which all salvageable equipment may be removed We currently have a letter of credit for each well in the amount of $3,000 payable through Simmons First Bank

If we exercise our option to call the letters of credit and plug these wells, would FNB be responsible for the surface equipment or would they receive any compensation from the equipment as they hold a lien on this property?

Please advise in your opinion of the proper action to take As you are keenly aware, we already have a large number of orphan wells

Yours truly,

Gary D Looney
UIC Director

GDL gm

Cc Grant E Black, Director

COMMISSION MEMBERS ■ Spence A Leamons, Chairman Fort Smith
Chris Weiser, Vice-Chairman, Magnolia ■ Chad White, Magnolia ■ Lowell Boynton, Fayetteville
W Frank Morledge, Forrest City ■ Charles Wohlford, Fort Smith ■ Bill C Poynter, Texarkana
Kenneth Karmel, Laneburg ■ Mike Davis, Camden

An equal opportunity employer

BURBANK DODSON & BARKER
PROFESSIONAL LIMITED LIABILITY COMPANY
215 NORTH WASHINGTON AVENUE
EL DORADO, ARKANSAS 71730

ATTORNEYS AT LAW
GARY R BURBANK
DON B DODSON
JACK W BARKER

PHONE 870-862-8322
FAX 870-862-5885
E-mail bdandb@seark net

December 22, 1999

VIA FACSIMILE - 870-862-8823

Mr. Gary D. Looney
Arkansas Oil and Gas Commission
P.O. Box 1472
El Dorado, Arkansas 71731-1472

Re: Your letter to First National Bank regarding
John Rogers, Parnell #1 and #2 SWD
Agnes Road North Field

Dear Mr. Looney:

I represent the First National Bank of El Dorado. Your letter of December 21 to the bank regarding the above referenced matter has been referred to me.

Regarding the intentions of the bank relative to the wells to which you refer, First National Bank has not foreclosed on that property, sought abandonment of the same from the bankruptcy estate or otherwise in any manner come into possession of the wells. We have agreed with Mr. Rogers' bankruptcy attorney that any proceeds derived from the sale of the property should be paid to First National Bank. The bank has no present intention of taking possession of the property or otherwise being in a position of an owner or operator of the wells. Accordingly, there should be no basis for your directing against the bank any efforts to enforce obligations imposed by the statutes which you administer.

'If it would be helpful for us to meet and discuss this matter, please feel free to call on me.

Very truly yours,

Gary R. Burbank

GRB/tla
cc: Mr. David Skinner
First National Bank
(via facsimile and U.S. Mail)

ARKANSAS
OIL AND GAS COMMISSION

William E Wright
Director

2215 West Hillsboro St ■ P O Box 1472
El Dorado Arkansas 71731-1472

Phone (870) 862-4965
FAX Number (870) 862 8823
E-Mail aogc@ipa net

December 21, 1999

Mr David Skinner
First National Bank
P O Box 751
El Dorado, AR 71731-0751

Re John Rogers
Parnell #1 & #2 SWD
Agnes Road North Field

Dear Mr Skinner.

I am corresponding to you regarding the current status and the bank's intention for the Parnell #1 and #2 SWD wells. It is my understanding, by letter from Mr. Rogers, that he has filed bankruptcy and that the wells mentioned have reverted back to First National as mortgage holder on these properties

This agency is concerned that the wells are returned to production by a reliable and prudent operator, or properly plugged and the surface land restored according to State Statutes and Commission Regulations

Please be advised that any operator who desires to take possession of the above referenced wells must fulfill any obligations to this agency, which may include the bank, as mortgage holder

COMMISSION MEMBERS ■ Spence A Leamons Chairman Fort Smith
Chris Weiser, Vice Chairman, Magnolia ■ Chad White, Magnolia ■ Lowell Boynton Fayetteville
W Frank Morledge, Forrest City ■ Charles Wohlford Fort Smith ■ Bill C Poynter Texarkana
Kenneth Karmel Laneburg ■ Mike Davis Camden

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In any event, please inform this office of the intentions or actions of the bank to find an operator for these wells or perhaps shed additional insight into the matter for which I may not be aware

Sincerely,

Gary D Looney
UIC Director

GDL/gm

Cc. Grant E Black, Director
William J Wynne, Counsel
John Rogers

Rec'd
12/17/99

John Rogers
434 South Bradley
ElDorado, AR 71730

12-16-99

Arkansas Oil and Gas Commission
2215 West Hillsboro
ElDorado, AR 71730

Attn Mr Gary Looney
UIC Director

Dear Sir

This letter is to clarify my request to reduce the amount of financial assurance applying to the wells that I own and operate

As you know, I filed Chapter 7 Bankruptcy on July 22, 1999 and did not reaffirm my financial obligation to First National Bank of ElDorado, which is the lein holder and mortgagee of the Parnell lease The Parnell lease has been shut down since July of 1999

I have abandoned the Parnell lease to First National Bank of ElDorado, effective July 1999 The Bankruptcy was approved and discharged on 11-5-99 in Federal Court (case #9911460)

My request now is to reduce the amount of financial assurance to $25,000 which would cover only the wells located in the Dumas City/Lisbon field, which you have on file

If you have any questions, please feel free to call me

Sincerely,
John Rogers
John Rogers

8/22/02

Mickey Berg > bought from FNB

Pu motor disposal pump > has removed from lease

Mickey & Jim Phillips own all equipment
would use own rig to remove all this
@ their expense, AOGC pay additional RIG time
to P&A

→

John Rogers — someone own. lease —
Save records to this person
casing leak —
Pkr @ ± 3400 —

Bill Smith — may have lease and/or well files

ARKANSAS OIL AND GAS COMMISSION
2215 WEST HILLSBORO
P. O. BOX 1472
EL DORADO, ARKANSAS 71731-1472

REFERENCE NO. 52-90 May 22, 1990

AGNES ROAD NORTH FIELD
Cotton Valley Formation
(Parnell Sand)

RE: FIELD RULES

After due notice followed by a public hearing held in Hot Springs, Arkansas, on May 22, 1990, the Arkansas Oil and Gas Commission has, following said hearing, ordered the following rules and regulations to be promulgated in order to prevent waste, carry out an orderly program of development and protect the correlative rights of all interested parties in this common source of supply.

DEFINITIONS

1. That the Cotton Valley Formation (Parnell Sand) was established as a separate source of supply by the successful completion of the O'Brien Operating Company, No. 1 John Parnell et al Well, located in the SE/4 of NW/4 of Section 13, Township 17 South, Range 16 West, Union County, Arkansas.

2. That the Cotton Valley Formation (Parnell Sand) for the purpose of this order is defined as that interval between 5,718 feet and 5,744 feet subsurface as indicated upon the electrical log of the No. 1 John Parnell et al Well.

3. That the following described area in the general vicinity of the aforementioned well, is hereby designated to be in the Agnes Road North Field, Cotton Valley Formation (Parnell Sand) to-wit:

   The Northwest quarter (NW/4) of Section 13 East Half of the Northeast Quarter (E/2 of NE/4) of Section 14, all in Township 17 South, Range 16 West, Union County, Arkansas.

FINDINGS OF FACT

From the evidence introduced at the hearing, the Commission finds:

1. That the establishment of rules and regulations for the Cotton Valley Formation, (Parnell Sand) underlying the Agnes Road North Field is reasonably necessary to insure an orderly development, prevent the drilling of unnecessary wells and protect the correlative rights of all owners.

2. That a reasonable interpretation of all available geological and engineering data indicates that a well successfully completed in

an oil producing zone of the Cotton Valley Formation, (Parnell Sand) Formation should efficiently and economically drain an area equal to at least 80 acres.

3. That the approximately 80 acre drilling units for the producing zone of the Cotton Valley Formation (Parnell Sand) should be comprised two governmental quarter-quarter sections, either stand-up or lay-down and that any well located upon any drilling unit be located at least 280 feet from any boundary line of the drilling unit.

4. That the applicant's John Parnell, et al No. 1 Well should be assigned the drilling unit comprised of the East Half of the Northwest Quarter of Section 13, Township 17 South, Range 16 West, Union County, Arkansas.

5. That when two or more separately owned tracts are embraced within a drilling unit as defined and the owners of the separately owned tracts are unable to validly agree to pool their interests, then the drilling unit as defined should be pooled in accordance with the provisions provided by law and as will be provided for in the provisions of this order.

6. That an exception to the location provisions of this order may be granted by the Arkansas Oil and Gas Commission for reasons prescribed by law or in accordance with the provisions recorded hereafter in this order.

CONCLUSIONS OF LAW

1. That due notice of public hearing was given as required by law and that this Commission has jurisdiction over said parties and the matter herein considered.

2. That the land described in Definition No. 3 above should be established as drilling and production units by virtue of Act 105 of 1939, as amended.

3. That this Commission has authority to grant said petition under the provisions of Acts 1939, No. 105, as amended.

ORDER

It is, therefore, by the Commission Ordered:

1. DRILLING UNITS AND LOCATION OF WELL

The oil producing zones of the Cotton Valley Formation (Parnell Sand underlying the above described area shall be developed upon the basis on one (1) well to each approximately 80 acres with each such approximately 80 acre drilling unit comprised of two governmental quarter-quarter sections, either stand-up or lay-down.

2. EXCEPTION TO LOCATION PROVISIONS

The Commission may grant exceptions to the location provisions of this order for reasons prescribed by law, however, when such an exception is granted, the Commission shall take such action as will offset an advantage which the person securing the exception may have over other producers by reason of drilling the well as an exception.

3. DESIGNATION OF DRILLING UNITS

That the East Half of the Northwest Quarter (E/2 of NW/4) of Section 13, Township 17 South, Range 16 West, Union County, Arkansas, be and is hereby designated as the production and drilling unit for the John Parnell et al No. 1 Well.

4. ALLOWABLES

That the Commission determined that a reasonable allowable for the Cotton Valley Formation of 80 barrels of oil per day should be established.

5. INTEGRATION OF DRILLING UNITS AND ALLOCATION OF PRODUCTION

a. Integration: When two or more separately owned tracts of land are embraced within an established drilling unit, the owners thereof may validly agree to integrate their interests and to develop their lands as a drilling unit. Where, however, such owners have not agreed to integrate their interests, the Commission shall for the prevention of waste or to avoid the drilling of unnecessary wells, require such owners to do so and to develop their lands as a drilling unit. All orders requiring such integration shall be made after notice and hearing and shall be upon terms and conditions that are just and reasonable and will afford to the owner of each tract the opportunity to recover or receive his just and equitable share of the oil and gas in the pool without unnecessary expense, and will prevent or minimize reasonably avoidable drainage from each developed unit which is not equalized by counter drainage.

b. Allocation of Production within a Drilling Unit: The portion of the production allocated to the owner of each tract included in a drilling unit formed by an integration order shall, when produced, be considered, as if it had been produced from such tract by a well drilled thereon. In the event such integration is required, the operator designated by the Commission to develop and operate the integrated unit shall have the right to charge to each other interest owner the actual expenditures required for such purpose not in excess of what are reasonable, including a reasonable charge for supervision, and the operator shall have the right to receive the first production from the well drilled by him

thereon which otherwise would be delivered or paid to the other parties jointly interested in the drilling of the well, so that the amount due by each of them for his share of the expense of the drilling, equipping and operation of the well may be paid to the operator of the well out of production, with the value of the production calculated at the market price in the field at the time such production is received by the operator or placed to his credit. In the event of any dispute relative to such costs, the Commission shall determine the proper costs.

6. CASING PROGRAM

The casing program for all wells hereafter drilled to be completed in the Smackover Formation of this field shall be as follows:

a. Surface: Surface pipe shall be set and cemented to the surface by the pump and plug method. Cement shall be allowed to stand a minimum of twenty-four (24) hours before drilling plug.

b. Minimum Surface Casing Requirements: 750 feet.

c. Testing of Producing String: Before drilling the plug in the producing string of casing, the casing shall be tested by pump pressure. After the mud laden fluid in the hole has been displaced by clear water, a pump pressure of 750 pounds per square inch shall be applied. If, at the end of thirty (30) minutes, the pressure gauge shows a drop of 50 pounds or more in pressure, the operator shall do that which is necessary to cause said string of casing to be set and cemented that it will hold said pressure for thirty (30) minutes without a drop of more than 50 pounds in pressure.

7. WELL COMPLETION

Each operator shall notify the Commission in writing at least twenty-four (24) hours before completing a well that time at which said well will be completed. A Well Completion Report and a Certificate of Compliance and Authorization to Transport Oil or Gas from the lease upon which the well is located should be filed with the Commission within five (5) days of the date of actual completion. If the Well Completion Report is not filed within five (5) days of the actual completion date, the allowable allocation will be granted not more than five (5) days recording the date on which the Well Completion Report is actually filed. If the well is not completed by the operator in conformity with the rules and regulations of the Commission, the Certificate of Compliance shall be withheld until the well has been completed in accordance with the rules of the Commission. Pipeline companies and all other purchasers or carriers are forbidden to accept oil

or gas from any well until the completion of such well is approved by the issuance of a Certificate of Compliance.

8. GENERAL RULES AND REGULATIONS

In addition to the special rules and regulations recorded heretofore, in this order, all of the provisions of the General Rules and Regulations, Order Reference No. 2-39, and any amendments thereto, made a part hereof by special reference, except as herein amended, shall remain in full force and effect. In the event of conflict between the provisions of the General Rules and Regulations and the special rules prescribed by this order, then the special rules adopted herein shall be considered to govern. This order shall be subject to change, if found to be necessary or appropriate by the Arkansas Oil and Gas Commission, following due notice and hearing as prescribed by law.

This Order shall be effective from and after May 22, 1990, and/or one (1) year following cessation of production.

ARKANSAS OIL AND GAS COMMISSION

W. E. Wright

W. E. Wright, Director of
Production and Conservation

It is so Ordered by the Commission:

E. Boyd Alderson, Chairman
James O. Staggs, Vice-Chairman
Ned R. Price
Spence A. Leamons
J. David Reynolds, III
Kent Dollar
Phillip E. Norvell

The following Commissioners were absent:

Giles Gillespie
Robert C. Nolan

ARKANSAS OIL AND GAS COMMISSION

COMPANY O'Brien Operating Company ~~WELL NAME~~ & NO. John Parnell et al #1

LOCATION 1980' FWL & 2324' FNL SEC-TWP-RGE 13-17S-16W

COUNTY Union FIELD W/C

Depth to be drilled 6800 feet. Surface casing required 750 feet; to pump pit 1650 feet.

Date to start drilling Sept 1989; Date permitted 9-1-89; Contractor Unknown.

Formation Smackover 6711' Fresh water plug to be set 800 to 700.

SURFACE CASING

Surface casing: Size 8 5/8 Amount 749'. Hole Size 12 1/4 Sacks of Cement ~~375~~ 225 150.

Returns _____ Date set 10-25-89 Cementer H&N Witness _____

PLUG TO ABANDON

PLUG	HOLE DIAMETER D (in)	HOLE CAPACITY Ch (Cu.ft./ft.)	CEMENT N=100 x Ch/Y (sacks)	SET AT bottom (ft)	SET AT top (ft)	LENGTH L=N/Ch (ft)
1			35	6680	6580	100'
2						
3						
4						

Cement calculations based on 100 foot plug.

CEMENT PROPERTIES

Plug	1	2	3	4
Cement Type				
(Y) - Slurry Volume (Cu.ft./sk.)				
(W) - Mix Water (gal./sk.)				
(V) - Slurry = YxN (Cu.ft.)				
(Wb) - Mix Water = WxN/42 (Bbls.)				

Total Depth _____ Plugged in the top of surface casing with _____ sacks of cement.

Cementer _____ Witness _____ Date _____

REMARKS: 5 1/2" - 5800' w/ 400 sks. Halliburton 11-6-89

FIELD Wildcat COMPANY O'Brien Operating Co.

COUNTY Union WELL John Parnell #1

LOCATION 1980' FWL & 2324' FNL S 13 T 17 R 16

COMPETION DATE TOTAL

** COMPLETION & RECOMPLETION DATA**

DATE	PERFORATIONS	REMARKS (Bridge Plug Data, Procuction Data)
10-25-89		8 5/8" - 749' w/ 375 sks.
11-6-89		5 1/2" - 5800' w/ 400 sks.

PROCEDURES AND REQUIREMENTS FOR SURFACE CASING AND THE PLUGGING OF WELLS

You are REQUIRED to set a minimum of 750 feet of surface casing on the well listed below to comply with the Minimum Casing Requirements adopted by the Arkansas Oil and Gas Commission.

O'Brien Operating Company — OPERATOR

John Parnell et al #1 — LEASE AND WELL NO.

If you anticipate the need to pump the reserve pit down the well bore you should set a minimum of 1650 feet of surface casing. Permission must be obtained from a Commission engineer prior to the commencement of pumping operations.

Surface casing will be cemented to the surface of the earth. ALL cementing will be done by the pump and plug method.

You are REQUIRED to notify the Commission in ample time for an engineer of the Commission to be present to witness the running and cementing of the casing.

In the event that the well is to be abandoned, the Commission must be notified of same in ample time for an engineer of the Commission to be present to witness the plugging of the well. ALL wells will be plugged in accordance with Rules B-7 & B-8 of the General Rules and Regulations.

The Commission engineer for your area is Dennis Endel

ENGINEERS	AREA COUNTIES	HOME PHONE
Kirk Hudson	Hempstead, Lafayette, & Miller	863-6624
Steve Saulsbury	Columbia, Nevada, & Ouachita	862-6496
Dennis Endel	Ashley, Bradley, Calhoun, & Union	862-8434

In the event that the engineer of your area cannot be contacted, contact the office of the ARKANSAS OIL AND GAS COMMISSION, 2215 West Hillsboro, P. O. Box 1472, El Dorado, Arkansas 71731-1472. PHONE (501) 862-4965 between the hours of 8:00 A.M. to 5:00 P.M., Monday through Friday.

Gary Looney	UIC Engineering Technician	862-7848
Marty Perdue	Petroleum Engineer	863-4456
W. E. "Bill" Wright	Director	863-8784

ARKANSAS
OIL AND GAS
COMMISSION

2215 West Hillsboro St ■ P O Box 1472
El Dorado, Arkansas 71731-1472

William E Wright
Director

Phone (501) 862-4965

August 29, 1989

O'Brien Operating Company
P.O. Box 6020
Shreveport, LA 71136-6020

Re: John Parnell et al #1
Sec. 13-17S-16W
Union County, AR

Gentlemen·

We find that the following items should be corrected and returned to this office in order that we may process the application:

( ) Location description on application differs from location described on plat.

(x) Ownership Plat with severance tax application not included.

( ) Location or drilling unit does not comply with field rules or statewide regulations.

( ) Location plat is not included.

( ) Need original organization report. (Not a copy.)

( ) Affidavit of Financial Responsibility is not enclosed or complete.

( ) Bond or Letter of Credit not included.

( ) Checks for $150.00 (for each well) not included.

If this is an exceptional location please list order number and if you have any questions please advise.

Yours very truly,

Martin T. Perdue

Martin T. Perdue
Petroleum Engineer/UIC

COMMISSION MEMBERS ■ E Boyd Alderson Chairman El Dorado
James O Staggs Vice Chairman Magnolia ■ Ned R Price Smackover ■ Spence A Leamons Fort Smith
J David Reynolds III, Camden ■ Giles Gillespie Magnolia ■ Kent Dollar Russellville
Philip E Norvell Fayetteville ■ Robert C Nolan El Dorado

An equal opportunity employer

No Ownership Stat

w/ Dev. Stat Application

O'BRIEN OPERATING COMPANY

August 28, 1989

Arkansas Oil & Gas Commission
P.O. Box 1472
El Dorado, AR 71731-1472

Re: NOTICE OF INTENTION TO DRILL
John Parnell et al No. 1
Section 13 - T17S - R16W
Union County, Arkansas

Gentlemen:

Enclosed please find the following material relative to the referenced well:

1. Notice of Intention To Drill;
2. Surveyor's Plat;
3. O'Brien Operating Company's check for $150.00;
4. Application for Severance Tax Benefits.
5. Affidavit of Financial Responsibility.

We hope you will find everything in order, should you have any questions, please call.

Very truly yours,

O'BRIEN OPERATING COMPANY

J. R. Gordon
Production Manager

JRG/jlw
Enclosures

MAILING ADDRESS P. O BOX 6020 • SHREVEPORT, LA 71136-6020 TELEPHONE: (318) 869-3247
STREET ADDRESS 5925 LINE AVENUE • SHREVEPORT, LA 71106 FACSIMILE (318) 868-9835

ARKANSAS
OIL AND GAS
COMMISSION

William E. Wright
Director

RECEIVED
OCT 10 1991

2215 West Hillsboro St ■ P O Box 1472
El Dorado, Arkansas 71731 1472

Phone (501) 862-4965
FAX Number 862-8823

October 7, 1991

O'Brien Operating Company
PO Box 6020
Shreveport, LA 71136-6020

RE: JOHN PARNELL ETAL #1
AGNES ROAD NORTH FIELD

Dear Ms. Winn;

I am returning your AOGC Form 6 for the Month of August, 1991. You show a beginning stock of 0. The correct beginning stock should be 114. Please check your records for correct figures, and file an amended report with this Commission within 10 days.

Thank you for your cooperation. If I may be of further assistance, please advise.

Yours truly,

Robyn Harmon

Robyn Harmon
Secretary I
Production Dept.

:rh

Enclosure

COMMISSION MEMBERS ■ E. Boyd Alderson Chairman El Dorado
James O Staggs Vice Chairman Magnolia ■ Ned R Price Smackover ■ Spence A Leamons Fort Smith
J David Reynolds III Camden ■ Chris Weiser Magnolia ■ Kent Dollar Russellville
Phillip E Norvell Fayetteville ■ Robert C Nolan El Dorado

An equal opportunity employer

H & N TICKET

OIL WELL CEMENTING COMPANY, INC.

BENNY SHELTON, President
863-5462

OIL WELL CEMENTING — ACID SERVICE
DRILLING MUD

Agnes Rd. North
Union

4511 WEST HILLSBORO
SOUTH WYATT DRIVE
EL DORADO, ARKANSAS 71730

DATE	ORDER NO	CONTRACTOR	WELL NAME	NUMBER
			John Parnell	#1

CUSTOMER'S NAME O'Brien Operating Co.

ADDRESS

CITY

CEMENTED BY

TRUCK DRIVER

SIZE OF CASING

DEPTH OF HOLE

Service Instructions

ITEM	QUAN	UNIT	MATERIAL OR SERVICES	UNIT PRICE	AMOUNT	REMARKS
Mileage						
Packer Rental						
Plug	1					
Acid		Gals				
Inhibitor		Gals				
Gel		100				
Caustic Soda		100				
Soda Ash		100				
Rhecon		50				
Driscose		50				
Lime		50				
Sack Cement		94				
Sapp		100				
Class A Cement						
Calcium Chloride		100				
Cemad I						

Bags Returned	Amount Credit			

THE UNDERSIGNED HEREBY CERTIFIES THAT THE MATERIALS LISTED ABOVE WERE RECEIVED AND SERVICES WERE SATISFACTORY

AUTHORIZED AGENT

Total

Delivery Charge

TOTAL

O'BRIEN OPERATING COMPANY

April 29, 1994

Arkansas Oil & Gas Commission
P. O. BOx 1472
El Dorado, AR 71731-1472

RE: Parnell #1

Gentlemen:

Enclosed please find (in triplicate) form AOGC-1-(93) changing the transporter to Kerr-McGee **EFFECTIVE MAY 1, 1994.**

If you need further information, please contact Morgan P. O'Brien.

Very truly yours,

O'BRIEN OPERATING COMPANY

Kay Boyd

kb
Encl.

RECEIVED
MAY 02 1994
ARKANSAS OIL & GAS COMMISSION

MAILING ADDRESS P O BOX 6020 • SHREVEPORT, LA 71136-6020
STREET ADDRESS 5925 LINE AVENUE • SHREVEPORT, LA 71106
TELEPHONE (318) 869-3247
FACSIMILE (318) 868-9835

ARKANSAS
OIL AND GAS
COMMISSION

2215 West Hillsboro St ■ P O Box 1472
El Dorado, Arkansas 71731-1472

William E Wright
Director

Phone (501) 862-4965

August 31, 1992

O'Brien Operating Company
PO Box 6020
Shreveport, LA 71136-6020

RE: JOHN PARNELL ETAL
AGNES ROAD, NORTH FIELD

Dear Ms. Winn:

I am returning your AOGC Form 6 "Producer's Monthly Report" for the Month of February, 1992, on the above referenced well(s). You show an beginning stock of 239. The correct figure should be 238. Please check your records for the correct beginning stock, and file an amended report with this Commission within 10 days.

If you have any questions concerning this letter, please feel free to call me at the above listed number.

Yours truly,

Robyn Harmon

Robyn Harmon
Secretary I
Production Dept.

:rh

RECEIVED
SEP 14 1992
ARKANSAS OIL & GAS COMMISSION

COMMISSION MEMBERS ■ E Boyd Alderson Chairman El Dorado
James O Staggs Vice Chairman Magnolia ■ Ned R Price, Smackover ■ Spence A Leamons Fort Smith
J David Reynolds III Camden ■ Giles Gillespie, Magnolia ■ Kent Dollar Russellville
Phillip E Norvell Fayetteville ■ Robert C Nolan El Dorado

An equal opportunity employer

ARKANSAS
OIL AND GAS
COMMISSION

2215 West Hillsboro St ■ P O Box 1472
El Dorado, Arkansas 71731 1472

William E Wright
Director

Phone (501) 862 4965
FAX Number 862-8823

March 18, 1993

O'Brien Operating Company
PO Box 6020
Shreveport, LA 71136-6020

RE: JOHN PARNELL ET AL
AGNES ROAD NORTH FIELD

Dear Ms. Traxler:

I am returning your AOGC Form 6 "Producer's Monthly Report" for the Month of November, 1992, on the above referenced well(s). You show an ending stock of 280. The correct figure should be 646. Please check your records for the correct ending stock, and file an amended report with this Commission within 10 days. Should you find that the production figure has been reported incorrectly, it will be necessary to file a corrected Form 5 "Well Status Report and Gas-Oil Ratio" changing the production on that form, also. Please check the following months reports also, as it may be necessary to file corrections for those reports as well.

If you have any questions concerning this letter, please feel free to call me at the above listed number.

Yours truly,

Robyn Harmon

Robyn Harmon
Secretary I
Production Dept.

:rh

Rec'd 4-21-93

COMMISSION MEMBERS ■ E Boyd Alderson Chairman El Dorado
James O Staggs Vice Chairman Magnolia ■ Ned R Price Smackover ■ Spence A Leamons Fort Smith
J David Reynolds III Camden ■ Chris Weiser Magnolia ■ Kent Dollar Russellville
Phillip E Norvell Fayetteville ■ Robert C Nolan El Dorado

An equal opportunity employer

ARKANSAS
OIL AND GAS COMMISSION

2215 West Hillsboro St ■ P O Box 1472
El Dorado, Arkansas 71731 1472

Phone (501) 862 4965

William E Wright
Director

October 8, 1992

O'Brien Operating Company
PO Box 6020
Shreveport, LA 71136-6020

RE: JOHN PARNELL ET AL
AGNES ROAD, NORTH FIELD

Dear Ms. Traxler:

I have received your corrected AOGC Form 6 "Producer's Monthly Report" for the Month of February, 1992, however I have not received a corrected form 5 "Well Status Report and Gas-Oil Ratio" showing the corrected production figure. Anytime production figures change it is necessary to file corrections for both reports. Please file the requested form 5 report with this Commission within 10 days.

Should you have any questions concerning this letter, please feel free to contact me at the above listed number.

Yours truly,

Robyn Harmon

Robyn Harmon
Secretary I
Production Dept.

:rh

Rec'd 10-14-92

COMMISSION MEMBERS ■ E Boyd Alderson Chairman El Dorado
James O Staggs Vice Chairman Magnolia ■ Ned R Price Smackover ■ Spence A Leamons Fort Smith
J David Reynolds III Camden ■ Giles Gillespie Magnolia ■ Kent Dollar Russellville
Phillip E Norvell Fayetteville ■ Robert C Nolan El Dorado

An equal opportunity employer

TO WHOM IT MAY CONCERN:

ENCLOSED YOU FIND FORM 4,,LETTER OF CREDIT AND A COPY OF THE ASSIGNMENT MADE TO JOHN C. ROGERS. IF ANY QUESTIONS,PLEASE CALL.

THANKS,

JOHN C. ROGERS

Master File

9-8-95

RECEIVED
95 SEP -8 AM 10:24

HALLIBURTON SERVICES
Duncan Oklahoma 73536
A Halliburton Company

FORM 1908 R-6

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO 813481

DISTRICT Haynesville, LA.

DATE 11-5-89

TO HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO O'Brien Oper. Co. (CUSTOMER) AND DELIVER AND SELL PRODUCTS SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO 1 LEASE Parnell SEC ____ TWP ____ RANGE ____

FIELD El Dorado COUNTY Union STATE Ar. OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME ____ TYPE ____

FORMATION THICKNESS ____ FROM ____ TO ____

PACKER TYPE ____ SET AT ____

TOTAL DEPTH ____ MUD WEIGHT ____

BORE HOLE 7 7/8

INITIAL PROD OIL ____ BPD H_2O ____ BPD GAS ____ MCF

PRESENT PROD OIL ____ BPD H_2O ____ BPD GAS ____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW PSI
CASING						
LINER						
~~TUBING~~ D.P.	U	14	4	0	6680	
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT DATE ____ TYPE ____ MATERIALS ____

TREATMENT INSTRUCTIONS TREAT THRU TUBING ☐ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED

Plug Back from 6580 Ft - 6680 Ft w/ 35 sks. Premium w/ .6% Halad 322 3% KCl, .1% HR5

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS SUPPLIES MATERIALS AND SERVICES

As consideration the above named Customer agrees THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

(a) To pay Halliburton in accord with the rates and terms stated in Halliburton s current price lists

(b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer) unless caused by the willful misconduct or gross negligence of Halliburton this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage

(c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage or property damage resulting from subsurface pressure losing control of the well and/or a well blowout unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton

(d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass or an action in the nature thereof arising from a service operation performed by Halliburton hereunder

(e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons other than employees of Halliburton or damage to property (including but not limited to injury to the well) or any damages whatsoever irrespective of cause growing out of or in any way connected with the use of radioactive material in the well hole unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton

(f) Halliburton makes no guarantee of the effectiveness of the products supplies or materials nor of the results of any treatment or service

(g) To the extent permitted by law waives the provisions of the Deceptive Trade Practices - Consumer Protection Act

(h) Customer shall at its risk and expense attempt to recover any Halliburton equipment tools or instruments which are lost in the well and if such equipment tools or instruments are not recovered Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton If Halliburton equipment tools or instruments are damaged in the well Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton In the case of equipment tools or instruments for marine operations Customer shall in addition to the foregoing be fully responsible for loss of or damage to any of Halliburton s equipment tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing unless such loss or damage is caused by the sole negligence of Halliburton

(i) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others Halliburton is unable to guarantee the accuracy of any chart interpretation research analysis job recommendation or other data furnished by Halliburton Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton s gross negligence or willful misconduct in the preparation or furnishing of it

(j) Halliburton warrants only title to the products supplies and materials and that the same are free from defects in workmanship and materials THERE ARE NO WARRANTIES EXPRESS OR IMPLIED OF MERCHANTIABILITY FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE Halliburton s liability and Customer s exclusive remedy in any cause of action (whether in contract tort breach of warranty or otherwise) arising out of the sale or use of any products supplies or materials is expressly limited to the replacement of such products supplies or materials on their return to Halliburton or at Halliburton s option to the allowance to the Customer of credit for the cost of such items In no event shall Halliburton be liable for special incidental indirect punitive or consequential damages

(k) Invoices payable NET by the 20th of the following month after date of invoice Upon Customer s default in payment of Customer s account by the last day of the month following the month in which the invoice is dated Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum In the event it becomes necessary to employ an attorney to enforce collection of said account Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account

(l) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished

(m) Halliburton shall not be bound by any changes or modifications in this contract except where such change or modification is made in writing by a duly authorized executive officer of Halliburton

DEC 05 1989

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER S AGENT

SIGNED Morgan Ware
CUSTOMER

DATE 11-5-89

TIME 1700 ~~A.M. P.M.~~

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract

TRANSMIT MESSAGE CONFIRMATION REPORT

NAME:AR OIL AND GAS COMM
TEL :1 870 862 4965
DATE:01/03'00 16:33

TRANSMIT: B WYNNE			DURATION	PAGE	SESS	RESULT
TYPE : MEMORY TX	MODE	E - 14	01'47	06	851	OK

P O Box 1472
2215 West Hillsboro
El Dorado AR 71730
Phone (870) 862-4965
Fax (870) 862-8323

Arkansas Oil and Gas Commission

Fax

To: Mr. Wynne
From: Gary
Fax:
Date:
Phone:
Pages: 6
Re:
CC:

☐ Urgent ☐ For Review ☒ Please Comment ☐ Please Reply ☐ Please Recycle

•Comments:

P O Box 1472
2215 West Hillsboro
El Dorado AR 71730
Phone (870) 862-4965
Fax (870) 862-8823

Arkansas Oil and Gas Commission

Fax

To: Mr. Wynne

From: Gary

Fax

Date:

Phone.

Pages 6

Re

CC.

☐ Urgent ☐ For Review ☒ Please Comment ☐ Please Reply ☐ Please Recycle

•Comments:

HALLIBURTON SERVICES
Duncan Oklahoma 73536
A Halliburton Company

FORM 1908 R-6

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO 813482

DISTRICT H'ville, LA. DATE 11-6-89

TO HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO O'Brien Oper. Co. (CUSTOMER) AND DELIVER AND SELL PRODUCTS SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO 1 LEASE John Parnell SEC ____ TWP ____ RANGE ____

FIELD Agnes Rd. North COUNTY Union STATE AR. OWNED BY O'Brien Oper

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME ____ TYPE ____

FORMATION THICKNESS ____ FROM ____ TO ____

PACKER TYPE ____ SET AT ____

TOTAL DEPTH ____ MUD WEIGHT ____

BORE HOLE ____

INITIAL PROD OIL ____ BPD H_2O ____ BPD GAS ____ MCF

PRESENT PROD OIL ____ BPD H_2O ____ BPD GAS ____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW PSI
CASING	N	15.50	5½	0	5815	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT DATE ____ TYPE ____ MATERIALS ____

TREATMENT INSTRUCTIONS TREAT THRU TUBING ☐ ANNULUS ☐ CASING ☑ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED ____

Cement 5815' of 5½" Casing with 400 sks. Premium Cement with .6% Halad-322 + 3% KCL

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS SUPPLIES MATERIALS AND SERVICES

As consideration the above named Customer agrees THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

(a) To pay Halliburton in accord with the rates and terms stated in Halliburton s current price lists

(b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer) unless caused by the willful misconduct or gross negligence of Halliburton this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage

(c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage or property damage resulting from subsurface pressure losing control of the well and/or a well blowout unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton

(d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass or an action in the nature thereof arising from a service operation performed by Halliburton hereunder

(e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons other than employees of Halliburton or damage to property (including but not limited to injury to the well) or any damages whatsoever irrespective of cause growing out of or in any way connected with the use of radioactive material in the well hole unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton

(f) Halliburton makes no guarantee of the effectiveness of the products supplies or materials nor of the results of any treatment or service

(g) To the extent permitted by law waives the provisions of the Deceptive Trade Practices - Consumer Protection Act

(h) Customer shall at its risk and expense attempt to recover any Halliburton equipment tools or instruments which are lost in the well and if such equipment tools or instruments are not recovered Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton If Halliburton equipment tools or instruments are damaged in the well Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton In the case of equipment tools or instruments for marine operations Customer shall in addition to the foregoing be fully responsible for loss of or damage to any of Halliburton s equipment tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing unless such loss or damage is caused by the sole negligence of Halliburton

(i) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others Halliburton is unable to guarantee the accuracy of any chart interpretation research analysis job recommendation or other data furnished by Halliburton Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton s gross negligence or willful misconduct in the preparation or furnishing of it

(j) Halliburton warrants only title to the products supplies and materials and that the same are free from defects in workmanship and materials THERE ARE NO WARRANTIES EXPRESS OR IMPLIED OF MERCHANTIABILITY FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE Halliburton s liability and Customer s exclusive remedy in any cause of action (whether in contract tort breach of warranty or otherwise) arising out of the sale or use of any products supplies or materials is expressly limited to the replacement of such products supplies or materials on their return to Halliburton or at Halliburton s option to the allowance to the Customer of credit for the cost of such items In no event shall Halliburton be liable for special incidental indirect punitive or consequential damages

(k) Invoices payable NET by the 20th of the following month after date of invoice Upon Customer s default in payment of Customer s account by the last day of the month following the month in which the invoice is dated Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum In the event it becomes necessary to employ an attorney to enforce collection of said account Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account

(l) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished

(m) Halliburton shall not be bound by any changes or modifications in this contract except where such change or modification is made in writing by a duly authorized executive officer of Halliburton

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER S AGENT

ARKANSAS OIL & GAS COMMISSION

SIGNED Morgan O'Brien
CUSTOMER

DATE 11-6-89

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract

TIME 0900 (M) P M

ASSIGNMENT AND BILL OF SALE

STATE OF ARKANSAS

KNOW ALL MEN BY THESE PRESENTS, THAT:

COUNTY OF UNION

This Assignment and Bill of Sale ("Assignment") is made and entered into on the date hereafter set forth by and between the following parties:

O'BRIEN OPERATING COMPANY, a Louisiana corporation, herein represented by its undersigned officer, duly authorized hereunto, whose address is P. O. Box 6020, Shreveport, Louisiana 71136-6020,

AND

CROW HORIZONS COMPANY, a Louisiana Partnership, herein represented by its undersigned officer, duly authorized hereunto, whose address is 666 Travis Suite, Suite 900, Shreveport, Louisiana 71101

herein collectively called "Assignors" and herein referred to by the pronouns "them", "their" or "theirs".

AND

JOHN C. ROGERS, whose address is 1005 Palm Drive, El Dorado, Arkansas 71730, herein called "Assignee",

RECEIVED
95 SEP -8 AM 10:16

WITNESSETH:

Assignors, for and in consideration of the sum of TEN DOLLARS ($10.00) and other good and valuable considerations paid by Assignee, the receipt and sufficiency of which is hereby acknowledged, have and by these presents do GRANT, BARGAIN, SELL, DELIVER, TRANSFER, ASSIGN AND CONVEY unto Assignee, without warranty of title, expressed or implied, all of Assignors' right, title and interest whatsoever, without restriction or limitation, in and to the following described properties located in Union County, Arkansas, to wit:

The Oil, Gas and Mineral Lease described on Exhibit "A" attached hereto and made a part hereof for all purposes, together with a like interest in all oil and/or gas wells and personal property and equipment located upon the lease above described and used or obtained in connection with the operation of same.

This Assignment is made subject to the following terms and provisions:

1. The interest assigned hereby is subject to the terms, provisions and conditions of all leases, above described, and is further subject to the terms, provisions and conditions of all recorded assignments and subleases of said leases. The Assignee shall bear its proportionate part of all royalties, overriding royalties and other burdens on production presently affecting said leases.

2. All ad valorem taxes and insurance premiums for the year 1995 assessed or chargeable to the properties above described, as to the interest conveyed hereby, shall be pro-rated between Assignors and Assignee whereby Assignors pay 2/3rds thereof and Assignee pays 1/3rd thereof.

3. It is the intent of Assignors to convey to Assignee and Assignors do hereby convey to Assignee, all of their right, title and interest in and to all Oil, Gas and Mineral Leases above described. In this connection Assignors obligate themselves, their heirs, successors and assigns, to execute any and all amendments or correction instruments as reasonably necessary to consummate this transaction in accordance with the intention herein expressed.

RECEIVED
ARK. OIL & GAS COMM.
95 SEP 18 PM 4:

4. In the event Assignee elects to plug and abandon any well or wells covered by this Assignment, then and in such event said well shall be plugged and abandoned and the surface location restored at the sole cost, risk and expense of Assignee and in compliance with all rules and regulations of the Arkansas Oil and Gas Commission or other governmental agency having jurisdiction in such matters. Assignee hereby agrees to indemnify and hold Assignors harmless and free from all obligations and liabilities resulting from such operations.

5. This Assignment is made without warranty of title, express, implied, or statutory, and without recourse, even as to the return of the purchase price or other consideration, but with full substitution and subrogation of Assignee, and all persons claiming by, through and under Assignee, to the extent assignable, in and to all covenants and warranties by the Assignors' predecessors in title and with full subrogation of all rights accruing under the statutes of limitation or prescription under the laws of the state where the Assets are located and all rights of actions of warranty against all former owners of the Assets.

6. To the extent required by applicable law to be operative, the disclaimers of certain warranties contained in this paragraph are "conspicuous" disclaimers for the purpose of any applicable law, rule or order. The Assets are assigned to Assignee AS IS, WHERE IS AND WITH ALL FAULTS, and without recourse, even as to the return of the purchase price or other consideration, covenant or warranty of any kind, express, implied or statutory. WITHOUT LIMITATION OF THE GENERALITY OF THE IMMEDIATELY PRECEDING SENTENCE, ASSIGNOR HEREBY EXPRESSLY DISCLAIMS AND NEGATES ANY REPRESENTATION OR WARRANTY, EXPRESSED, IMPLIED, AT COMMON LAW, BY STATUTE, OR OTHERWISE RELATING TO (i) THE CONDITION OF THE ASSETS, INCLUDING WITHOUT LIMITATION, ANY IMPLIED OR EXPRESSED WARRANTY OF MERCHANTABILITY, OF FITNESS FOR A PARTICULAR PURPOSE, OR OF CONFORMITY TO MODELS OR SAMPLES OF MATERIALS OR (ii) ENVIRONMENTAL CONDITION OR (iii) ANY INFRINGEMENT BY ASSIGNOR OR ANY OF ITS AFFILIATES OF ANY PATENT OR PROPRIETARY RIGHT OF ANY THIRD PARTY.

This Assignment shall be effective for all purposes as of 7:00 A.M. on the first day of September, 1995 and shall be binding upon and for the benefit of the parties hereto, their respective heirs, successors and assigns.

IN WITNESS WHEREOF, this Assignment is executed on this the 28TH day of AUGUST, 1995.

WITNESSES:

Kay Boyd

Candy K. O'Bannon

ASSIGNORS:

O'BRIEN OPERATING COMPANY

BY: William J. O'Brien III

William J. O'Brien III, President

CROW HORIZONS COMPANY

Carol Powell

Bonnie Bryant

BY:

John David Crow, Managing Partner

RECEIVED
ARK DIV
95 SEP -8 AM 10:

WITNESSES:

Carole A. Williams

Rhonda Atkinson

ASSIGNEE:

John C. Rogers

John C. Rogers

STATE OF LOUISIANA

PARISH OF CADDO

On the 28th of August, 1995, appeared William J. O'Brien III, to me personally known, who, being by me duly sworn, did say that he is the President of O'Brien Operating Company, a corporation, and that the foregoing instrument was signed and sealed in behalf of said corporation; and the said William J. O'Brien III acknowledged said instrument to be the free act and deed of said corporation.

Martha D. Stanfield

NOTARY PUBLIC

MARTHA D. STANFIELD, Notary Public
Caddo Parish, Louisiana
My Commission Is For Life

STATE OF LOUISIANA

PARISH OF CADDO

On the 28th of August, 1995, appeared John David Crow, to me personally known, who, being by me duly sworn, did say that he is the Managing Partner of Crow Horizons Company, a partnership, and that the foregoing instrument was signed and sealed in behalf of said partnership; and the said John David Crow acknowledged said instrument to be the free act and deed of said partnership.

James F. Thomas

NOTARY PUBLIC

JAMES F. THOMAS, NOTARY PUBLIC
CADDO PARISH, LOUISIANA

STATE OF ARKANSAS

EXHIBIT "A"

Attached to and part of that certain Assignment and Bill of Sale dated effective September 1, 1995, by and between O'Brien Operating Company and Crow Horizons Company, as Assignors and John C. Rogers, as Assignee.

UNION COUNTY, ARKANSAS:

I. WELL: John Parnell, et al No. 1 Well, comprised of the East Half of Northwest Quarter (E/2 NW/4) of Section 13, Township 17 South, Range 16 West, Agnes Road North Field, Union County, Arkansas, by order of the Arkansas Oil and Gas Commission (Reference No. 52-90) dated May 22, 1990.

II. LEASES:

Lessor:	John Parnell, et al
Lessee:	O'Brien Operating Company
Date:	July 2, 1985
Recording Information:	Book 1626, Page 779 Records of Union County, Arkansas

RECEIVED
ARK. OIL & GAS COMM.
95 SEP -8 AM 10: 24

STATE OF ARKANSAS
County of Union } CERTIFICATE OF RECORD

I, Cheryl Cochran, Circuit Clerk and Ex-Officio Recorder for the County aforesaid, do hereby certify that the annexed and foregoing instrument of writing was filed for record in my office on the 6 day of Sept A.D., 19 95 at 2:37 o'clock, P M., and that the same is now duly recorded, with the acknowledgements and certificates thereon, in Record Book No _____ Page 95-7063

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Court, this 6 day of Sept 19 95

Cheryl Cochran clerk

By: John Parnell D.C.

Producer JOHN C ROGERS
Name of Lease JOHN PARNELL ET AL #1
Location 1317S16W1980 FWL & 2324 FNL
Year 1997

IDENT. 04128
County UNION
Field AGNES ROAD NORTH
Source COTTON VALLEY 572185-24

Month	No Wells	Reported Opening Stocks	Allowable	Production 26306	Over Produced	Under Produced	Accumulated Over Production	Dispositions	Reported Closing Stocks	Remarks
	✓	30								
JAN	✓	30		177				175	32	
FEBR	✓	32		215				187	60	
MAR	✓	60		150				180	30	
APR	✓	30		180				170	40	
MAY	✓	40		170				170	40	
JUNE	✓	40		171				171	40	
JULY	✓	40		155				155	40	
AUG	✓	40		145				145	40	
SEPT	✓	40		126				126	40	
OCT	✓	40		98				98	40	
NOV	✓	40		156				156	40	
DEC	✓	40		186				186	40	
TOTALS				1929 / 28,235						

REMARKS—How and By Whom Transported KERR MCGEE

JOHN C ROGERS JOHN PARNELL ET AL #1 33912

Producer ROGERS, JOHN C.
Name of Lease PARNELL, JOHN ETAL 1
Location 1980' FWL & 2324' FNL of Sec 3
Year 1998

Field AGNES ROAD NORTH
Serial # 33912 County UNION
Source COTTON VALLEY

Sec 13 T 17S R 16W

MONTH	NO WELLS	REPORTED OPENING STOCK	ALLOWABLE	PRODUCTION 28,235	OVER PRODUCED	UNDER PRODUCED	ACCUMULATED OVER PRODUCTION	DISPOSITION	CLOSING STOCK	GAS
		40								
JAN	✓	40		144				144	40	
FEB	✓	40		111				111	40	
MAR		40		178				178	40	
APR	✓	40		178				178	40	
MAY	✓	40		136				136	40	
JUN	✓	40		107				107	40	
JUL	✓	40		160				0	200	
AUG	✓	200		75				175	100	
SEP	✓	100		93				163	30	
OCT	✓	30		88				88	30	
NOV	✓	30		124				124	30	
DEC	✓	30		120				120	30	
TOTAL	✓			1514 / 29,749						

TRANSPORTER KERR MCGEE REFINING CORPORATION

ROGERS, JOHN C PARNELL. JOHN ETAL #1 33912

Producer ROGERS, JOHN C.
Name of Lease PARNELL, JOHN ETAL 1
Location 1980' FWL & 2324' FNL of Sec 13
Year 1999

Field AGNES ROAD NORTH
Serial # 33912 County UNION
Source COTTON VALLEY

Sec 13 T 17S R 16W

MONTH	NO WELLS	REPORTED OPENING STOCK	ALLOWABLE	PRODUCTION 29,749	OVER PRO-DUCED	UNDER PRO-DUCED	ACCUMULATED OVER PRODUCTION	DISPOSITION	CLOSING STOCK	GAS
		30								
JAN	✓	30		30				0	60	
FEB	✓	60		125				155	30	
MAR	✓	30		154				154	30	
APR	✓	30		81				81	30	
MAY	✓	30		132				132	30	
JUN	✓	30		0				0	30	
JUL										
AUG										
SEP										
OCT										
NOV										
DEC										
TOTAL										

TRANSPORTER KERR MCGEE REFINING CORPORATION

ROGERS, JOHN C. PARNELL, JOHN ETAL 1 33912

WELL DATA SHEET

TYPE OF WELL: OIL
COMMENCE DATE: 10/25/89
ZONE: COTTON VALLEY
COUNTY: UNION
LEASE: JOHN PARNELL ETAL
UNIT DESCRIPTION: SEC.13-17S-16W
PLUGGED BACK TOTAL DEPTH: 0
LOCATION: 1980'FWL & 2324'FNL
ALLOWABLE FACTOR: 0 %

API: 03-139-12,802
COMPLETION DATE: 11/14/89
OPERATOR: JOHN C. ROGERS
NUMBER: 1
TOTAL DEPTH: 6,800
ORDER:

SERIAL: 33,912
FIELD: AGNES ROAD NORTH
UNIT SIZE: 80
ELEVATION: 236.5 GL
SECTION-TOWNSHIP-RANGE: 13-17S-16W
DATE STAMPED: 11/20/89

CASING, TUBING, PERFORATING AND COMPLETION PROGRAM USED IN WELL

	CASING SIZE		WEIGHT		DEPTH			CEMENT
CONDUCTOR:		in		lbs	0	ft		
SURFACE:	8 5/8	in	24	lbs	376	ft		375 SKS
INTERMEDIATE:		in		lbs	0	-	0 ft	
PRODUCTION:	5 1/2	in	15.5	lbs	5,800	ft		400 SKS
LINER:		in		lbs	0	-	0 ft	
TUBING:	2 7/8	in	6.5	lbs	5,748	ft		

PACKER:
PERFORATIONS: SIZE: 0.4 NO. PER FOOT: 4
PERFORATED INTERVALS: 5721.5-5724
ACIDIZED:
FRACTURED:

INITIAL PRODUCTION DATA

DATE TESTED: 11/14/89
FLOWING WELLHEAD PRESSURE: 650 psia
OIL: 12 Bbls
BHR: 0 CP/Bbls
psia @ 0 ft

LENGTH OF TEST: 2 HRS.
CHOKE SIZE: 8/64
GAS: 0 MCFD
GRAVITY: API

PRODUCING METHOD:
SHUT-IN WELLHEAD PRESSURE: 0
BSW: 0 %
OPEN FLOW: 0 MCFD

TEST DATA

DATE TESTED: / /
ABSOLUTE OPEN FLOW: 0 MCFD
ALLOWABLE: 0 MCFD

MAXIMUM DELIVERABILITY: 0 MCFD
SHUT-IN WELLHEAD PRESSURE: 0 psia

OIL PURCHASER: ENRON
GAS PURCHASER:

0 %

0- 0

0 %
0 %
0 %
0 %

ABANDONED DATE: / /
REMARKS: Previous Operator: O'BRIEN OPERATING COMPANY

80 bbls temp
eff Nov 15, 1989

To: Deckie Jester } visited office
Enron 11-28-89

Must adopt F.R. - New
Gay - new field

Jan
11-27-89

- Win-Mar - 4 files
  5-18-15 Harper lease
- Operator file

- John C Rogers - 2 files
  13-17-16 +
  Agnes Road SWD
- Operator file

AOGC—4—(93)

ARKANSAS OIL AND GAS COMMISSION
P.O. Box 1472
El Dorado, Arkansas 71731-1472

Producers Certificate of Compliance and Authorization to Transport Oil or Gas from Lease

Well John Parnell, Et Al No 1 (Sec) 13 (Twp) 17S (Rge) 16W County Union

Operator John C. Rogers Field Agnes Rd. North

Address all correspondence concerning this form to John C. Rogers

Street 434 So. Bradley City ElDorado State AR Zip 71730

Phone 501-863-8861 Extension N/A

The above named operator hereby authorizes Eott Energy (Name of First Purchaser)

Whose principal place of business is 3460 Industrial Dr. (Street) Bossier City, LA (City) 71112 (State & Zip)

And whose field address is same

To Purchase 100 % of the Oil (X) produced from the lease designated above until further notice
Gas ( )

Other Purchasers Purchasing Oil and/or Gas from this Well or Wells

N/A (Name of Purchaser) ____ % N/A (Name of Purchaser) ____ %

Remarks

Change in operating ownership effective 9-1-95

Former operator: O'Brien Operating Company
Box 6020
Shreveport, LA 71136

RECEIVED
95 SEP -8 AM 10:24

"Approval of the Oil and Gas Commission of a change in operating ownership shall not release the previous operator from any environmental liability then existing or from the obligation to plug and abandon wells upon the above lease"

The undersigned certifies that this report has been examined by me and to the best of my knowledge is true, correct, complete and that the rules and regulations of the Arkansas Oil and Gas Commission have been complied with except as noted above and that the purchaser (s) is (are) authorized to purchase the percentage of oil and/or gas produced from the above described property and that this authorization will be valid until further notice of the purchaser named herein or until cancelled by the Arkansas Oil and Gas Commission

Executed this the ____ day of ____ 19____.

APPROVED Sept 19, 1995
ARKANSAS OIL & GAS COMMISSION
By Charles Knight
No UH 875

John C. Rogers
New Operator
(Affiant)

O'BRIEN OPERATING CO.
Existing Operator
Morgan P. O'Brien
(Affiant)
MORGAN P. O'BRIEN
EXECUTIVE V.P.

ACI—2990

INSTRUCTIONS

This certificate shall be executed and filed in triplicate with the Oil and Gas Commission, El Dorado, Arkansas, covering each lease from which oil and/or gas is produced A separate certificate shall be filed for each purchaser authorized to purchase oil and/or gas from a lease

After said certificate has been approved by the Arkansas Oil and Gas Commission, one copy shall be returned to the Operator, one copy forwarded to the Purchaser, and one copy retained by the Arkansas Oil and Gas Commission

A new certificate shall be filed to cover each change in operating ownership and each change in purchasers

This certificate when properly executed and approved by the Arkansas Oil and Gas Commission shall constitute an authorization to a pipeline or other carrier to purchase oil and/or gas from the lease named therein and shall remain in full force and effect until

(a) Operating ownership changes, or

(b) The Purchaser is changed, or

(c) The authorization is cancelled by the Arkansas Oil and Gas Commission

If any of the rules and regulations of the Arkansas Oil and Gas Commission have not been complied with at the time this report is filed, explain fully under the heading "Remarks "

In all cases where this certificate is filed to cover a change in operating ownership or a change in the purchaser designated to purchaser oil and/or gas, show under "Remarks" the previous owner or operator and the purchaser previously authorized to transport the oil and/or gas

10M—2-69—00545—AP&SCo AOGC-4—(56)

Arkansas Oil and Gas Commission

EL DORADO, ARKANSAS

Producers Certificate of Compliance and Authorization to Transport Oil or Gas from Lease

Lease John Parnell et al (Sec.) 13 (Twp.) 17S (Rge.) 16W County Union

Producer O'Brien Operating Co. Field ~~Wildcat~~ AGNES ROAD NORTH

Address all correspondence concerning this form to O'Brien Operating Co.

EOTT ENERGY CORP EFFECTIVE 1-1-93

Street P.O. Box 6020 City Shreveport State LA 71136-6020

The above named producer hereby authorizes Enron Oil Trading & Transportation (Name of Transporter)

EOTT ENERGY OPERATING LTD PARTNERSHIP EFFECTIVE 4-1-94

Whose principal place of business is 1400 Smith St. (Street) Houston (City) Texas (State) 77002

And whose field address is 3460 Industrial Dr. Bossier City, LA 71112

To transport 100 % of the Oil (X) Gas ( ) produced from the lease designated above until further notice

Other transporters transporting oil from this lease are:

NONE (Name of Transporter) ____ % ____ (Name of Transporter) ____ %

Remarks

RECEIVED NOV 20 1989 ARKANSAS OIL & GAS COMMISSION

The undersigned certifies that this report has been examined by me and to the best of my knowledge is true, correct, complete and that the rules and regulations of the Arkansas Oil and Gas Commission have been complied with except as noted above and that the transporter(s) is (are) authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice of the transporter named herein or until cancelled by the Arkansas Oil and Gas Commission.

Executed this the 15th day of November 19 89

APPROVED: Nov 30, 1989
ARKANSAS OIL & GAS COMMISSION

By Shirley Knight

No BB 1566

O'BRIEN OPERATING COMPANY (Company or Operator)

J R Gordon (Affiant)

INSTRUCTIONS

This certificate shall be executed and filed in triplicate with the Arkansas Oil and Gas Commission, El Dorado, Arkansas, **covering each lease** from which oil is produced A separate certificate shall be filed for each transporter authorized to transport oil from a lease.

After said certificate has been approved by the Arkansas Oil and Gas Commission one copy shall be forwarded to the Transporter, one copy returned to the Producer; and one copy retained by the Arkansas Oil and Gas Commission

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one month, the producer shall, in lieu of filing a new certificate, notify the Arkansas Oil and Gas Commission at El Dorado, Arkansas, and the transporter authorized by certificate on file with said Commission, by letter of the estimated amount of oil to be moved by the transporter temporarily moving oil from the lease and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil than the estimated amount shown in said notice

This certificate when properly executed and approved by the Arkansas Oil and Gas Commission shall constitute an authorization to a pipe line or other carrier to transport oil from the lease named therein and shall remain in full force and effect until,

(a) Operating ownership changes, or

(b) The Transporter is changed, or

(c) The authorization is cancelled by the Arkansas Oil and Gas Commission

If any of the rules and regulations of the Arkansas Oil and Gas Commission have not been complied with at the time this report is filed, explain fully under the heading· "REMARKS "

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil.

AOGC—1—(93)

ARKANSAS OIL AND GAS COMMISSION
P.O. Box 1472
El Dorado, Arkansas 71731-1472

Producers Certificate of Compliance and Authorization to Transport Oil or Gas from Lease

Well JOHN PARNELL, ET AL No 1 (Sec) 13 (Twp) 17S (Rge) 16W County UNION

Operator O'BRIEN OPERATING COMPANY Field AGNES ROAD NORTH

Address all correspondence concerning this form to O'BRIEN OPERATING COMPANY

Street P. O. BOX 6020 City SHREVEPORT State LA Zip 71136-6020

Phone (318) 869-3247 Extension N/A

The above named operator hereby authorizes KERR-MCGEE
(Name of First Purchaser)

Whose principal place of business is P. O. BOX 3367 (Street) HOUSTON, TX 77253 (City) (State & Zip)

And whose field address is _____

To Purchase 100 % of the Oil (X) produced from the lease designated above until further notice
Gas ( )

Other Purchasers Purchasing Oil and/or Gas from this Well or Wells

_____ (Name of Purchaser) _____ % _____ (Name of Purchaser) _____ %

Remarks

CHANGE OF TRANSPORTER EFFECTIVE 5/1/94.

MAY 02 1994

ARKANSAS OIL & GAS COMMISSION

Approval of the Oil and Gas Commission of a change in operating ownership shall not release the previous operator from any environmental liability then existing or from the obligation to plug and abandon wells upon the above lease

The undersigned certifies that this report has been examined by me and to the best of my knowledge is true correct complete and that the rules and regulations of the Arkansas Oil and Gas Commission have been complied with except as noted above and that the purchaser(s) is (are) authorized to purchase the percentage of oil and/or gas produced from the above described property and that this authorization will be valid until further notice of the purchaser named herein or until cancelled by the Arkansas Oil and Gas Commission

Executed this the _____ day of _____ 19____

APPROVED May 19, 1994
ARKANSAS OIL & GAS COMMISSION
By Sheila Knight
No GY 460

_____ New Operator

_____ Affiant

Existing Operator O'BRIEN OPERATING COMPANY

Morgan P. O'Brien
MORGAN P. O'BRIEN EXECUTIVE VICE PRESIDENT
Affiant

ACI—2990

INSTRUCTIONS

This certificate shall be executed and filed in triplicate with the Oil and Gas Commission, El Dorado, Arkansas, covering each lease from which oil and/or gas is produced A separate certificate shall be filed for each purchaser authorized to purchase oil and/or gas from a lease

After said certificate has been approved by the Arkansas Oil and Gas Commission, one copy shall be returned to the Operator, one copy forwarded to the Purchaser and one copy retained by the Arkansas Oil and Gas Commission

A new certificate shall be filed to cover each change in operating ownership and each change in purchasers

This certificate when properly executed and approved by the Arkansas Oil and Gas Commission shall constitute an authorization to a pipeline or other carrier to purchase oil and/or gas from the lease named therein and shall remain in full force and effect until

(a) Operating ownership changes, or

(b) The Purchaser is changed, or

(c) The authorization is cancelled by the Arkansas Oil and Gas Commission

If any of the rules and regulations of the Arkansas Oil and Gas Commission have not been complied with at the time this report is filed, explain fully under the heading "Remarks"

In all cases where this certificate is filed to cover a change in operating ownership or a change in the purchaser designated to purchaser oil and/or gas, show under "Remarks" the previous owner or operator and the purchaser previously authorized to transport the oil and/or gas

AOGC — 4a

ARKANSAS OIL AND GAS COMMISSION
314 EAST OAK STREET
EL DORADO, ARKANSAS 71730

AUTHORITY TO PRODUCE

TO O'Brien Operating Company
P.O. Box 6020
Shreveport, Louisiana 71136-6020

SUPPLEMENT NO BB - 118 - SA

DATE November 30, 1989

COMPLETION X RECOMPLETION

REWORK CHANGE OR CORRECTION

WELL NAME John Parnell et al NO 1 FIELD Agnes Road North

LOCATION 1980' FWL & 2324' FNL SEC 13 TWP 17S RGE 16W

COUNTY Union

PRODUCING INTERVAL Cotton Valley FROM 5721.5 FT, TO 5724 FT

Gentlemen

This will be your authority to produce the above well at the rate of *80 (BBLS) and/or _____ (MCF) per day, effective 7 A M, November 15, 1989

This is authority for Enron Oil Trading & Transportation to connect to this well and run this assignment allowable upon receipt of approved Form 4 covering this lease

REMARKS *New Completion. A temporary allowable of 80 BOPD shall be issued for 180 days. If field rules for the Cotton Valley Formation within the Agnes Road North Field are not adopted within this 180 days, the "Authority to Produce and Transport" will be null and void.

cc Enron Oil Trading & Transportation
P.O. Box 1188
Houston, Texas 77251-1188
and
3460 Industrial Drive
Bossier City, Louisiana 71112

Yours truly,

By Shirley Knight
SHIRLEY KNIGHT, STATISTICIAN II

AOC CDC 2474

ARKANSAS
OIL AND GAS
COMMISSION

2215 West Hillsboro St ■ P O Box 1472
El Dorado, Arkansas 71731-1472

Phone (501) 862-4965

William E Wright
Director

October 5, 1990

O'Brien Operating Company
P. O. Box 6020
Shreveport, LA 71136-6020

Gentlemen:

Please file a corrected AOGC Form 5 "Well Status Report and Gas-Oil Ratio" plus an AOGC Form 6 "Producers Monthly Report" for the month of April, 1990, on the John Parnell Etal Number 1 well, Agnes Road North Field. Enron Oil Trading and Transportation Company shows purchases of 348 barrels for April and according to your AOGC Form 6, no oil was sold. Please respond by filing the appropriate corrections. Also please file the AOGC Forms 5 & 6 for February.

Thank you for your cooperation and if we may be of any assistance to you please advise.

Yours truly,

Wendi McCall
Secretary I
Production Department

:WM

COMMISSION MEMBERS ■ E Boyd Alderson Chairman El Dorado
James O Staggs Vice Chairman Magnolia ■ Ned R Price Smackover ■ Spence A Leamons Fort Smith
J David Reynolds III Camden ■ Giles Gillespie Magnolia ■ Kent Dollar Russellville
Phillip E Norvell Fayetteville ■ Robert C Nolan El Dorado

An equal opportunity employer

03 139 12,802

AOGC-2-(56)

5M-8 74-1202-C P Co

ARKANSAS OIL AND GAS COMMISSION
El Dorado, Arkansas

9/5 Serial No. 33,912

Notice of Intention to Drill For Oil or Gas

(This application to drill must be accompanied by a remittance of $50.00)

Date August 28, 19 89

Name of Operator O'Brien Operating Company

Send Permit to: Street P.O. Box 6020

City Shreveport

State Louisiana 71136-6020

Lease Name John Parnell et al Well No 1

Acres in lease

Number of acres in and description of drilling unit 80 acre stand-up unit

Location of proposed well (Must agree with Surveyor's Plat) 1980' FWL & 2324' FNL

Section 13 Township 17S Range 16W

County Union Field

Distance and direction from the nearest town 2 miles NW of El Dorado

Distance from proposed location to nearest drilling, completed or applied for well

Rotary or cable tools Rotary Date work will start September 1989

Name of drilling or workover contractor Unknown

750' Depth to be drilled 6800'

Formation you propose to complete in Smackover

Remarks.

ARKANSAS OIL & GAS COMMISSION

CERTIFICATE

I declare under the penalties of perjury that this report has been examined by me and to the best of my knowledge is true, correct and complete

J.R. Gordon

J.R. Gordon, Production Manager

INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

1 This report must be filed on every proposed well

2. Do not begin operation on any location not conforming to the spacing rules for such location until you receive written order from the Commission, granting permission.

3. Work performed prior to receipt of approved permit will be considered to have been performed at the operator's own risk

4. In order that it may be ascertained whether or not the proposed location covered by this notice conforms to the applicable spacing regulations set down by the Commission, there are two important footages that must be shown:

   (A) Nearest distance of proposed location from lease or property line

   (B) Distance of proposed location from the nearest well on the same lease

5. For the purpose of this determination submit herewith for the proposed location on a particular lease a map made to scale of this lease or section, locating thereon all previously drilled, applied for and drilling wells, as well as the proposed site of this location with reference to the two nearest lease lines Also show the nearest wells on all sides of this location and the distance from the proposed location of these wells. Designate all adjoining property by lease and company names.

6. This application must be accompanied by a certified lease plat, showing the aforementioned data. This plat cannot be drawn to a scale that is less than one inch to one thousand feet A larger scaled drawing may be used. Designate scale and northerly direction on plat

7. Do not confuse other lines with lease lines, if the sketch or blueprint shows only a section, block or lot out of your lease, designate name as being only that part of the lease

8. If there is any change in the operating ownership of the property shown on this report before the well applied for is drilled, an amended Application of Intention to Drill for Oil or Gas must be filed with the Commission before filing Well Completion Form.

9. No allowables will be assigned to any well unless said well complies with existing rules and regulations of The Oil and Gas Commission Please check before drilling operations are commenced.

10 This notice shall be of no effect unless well covered hereby is actually drilling on the date of adoption of special field rules, unless said well is in conformity with such special field rules

ARKANSAS OIL AND GAS COMMISSION

RECORD OF PLUGGING REPORT (FIR 12)

General Information

Crude Oil, LLC

Current Permit Holder's Name:

SLP

Plugging Contractor's Name

Well Information

Permit Number	Well Name and Number			
33912	**Parnell Etal, John 1**			
Section	**Township**	**Range**	**Field**	**County**
13	**17S**	**16W**	**AGNES ROAD NORTH**	**UNION**
Latitude	**Longitude**			
33.24499	**-92.71108**			

Record of Plugging

(From Bottom to Top Plug)	Plug 1	Plug 2	Plug 3	Plug 4	Plug 5	Plug 6
Size of Hole or Casing	5.5	5.5				
Type of Plug - CIBP/Cement	CIBP/Cement	Cement				
Top of Plug (Top of cement)	5690					
Bottom of Plug (Bottom of CIBP if used)	5700	30				
Cement (Sacks or BBLS)	1	3				
Date of Plug	8/10/2020	8/10/2020				

Casing Left in Well

	Surface	Casing 2	Casing 3	Casing 4	Casing 5	Tubing
Size	8.63	5.5				
Footage (From / To) (In Feet)	0 / 760	0 / 5800	/	/	/	/

Perforated / Open Hole Intervals						
From	5721					
To						

○ Yes ◉ No	Were any modifications to the plugging requirements under General Rule B-8 or B-9 made during the plugging of the well? Detail modifications below and indicate if modifications were approved by the Director.
○ Yes ◉ No	Were any tools, drill pipe, or junk left in the well bore? Please explain below the well bore condition and what attempts were made to recover the tools, drill pipe, or junk. Attach any documents provided by the operator showing attempts to recover the tools, drill pipe, or junk, and indicate if any modifications to the plugging requirements in General Rule B-8 or B-9 as a result of "junk left in the well" were approved by the Director.
○ Yes ◉ No	Were all necessary service tickets received at the time of plugging? if no, explain below.
◉ Yes ○ No	Was the plugging operation witnessed by a Commission employee? BILLY HANEY *(Printed Name of Employee)*

No field related issues were noted during the plugging of the above stated well. Steve Rodgers will turn in the plugging tickets.

Inspected by: BILLY HANEY

Date: 08-10-2020

Review for NNC or NOV: ○ Yes ◉ No

If yes, check one ○ NNC ○ NOV ○ DNI ◉ NA

Ref #:

Date:

ADEQ referral: ○ Yes ◉ No

Date of referral:

Rev 05/15

PARNELL, JOHN ETAL 1

API #:	0313912802	**County:**	UNION (AR)	**Township:**	17S	**Last Completion Date:**	11-14-1989
Operator:	CRUDE OIL, LLC	**Lat, Lon:**	33.2460688, -92.7144389	**Range:**	16W	**Wellbore Count:**	1
Status:	P & A	**Field:**	AGNES ROAD NORTH	**Q/Q:**			
Completion Type:	OIL	**Survey:**		**Spud Date:**	10-25-1989		
GL:	236 ft	**Section:**	13	**First Completion Date:**	11-14-1989		

PERMITS

No permit data available for this well.

WELLBORES

API # 031391280200

WELLBORE

API #:	Formation:	True Vert. Depth:	Horizontal Length:
031391280200	SMACKOVER	6,800 ft	
Trajectory:	**Total Depth:**	**DI Lateral Length:**	**Elevation:**
V	6,800 ft	3 ft	236 ft

WELLBORE TRAJECTORY

No trajectory data available for this well.

WELL DESIGN

CASING

No casing data available for this well.

LINER

No liner data available for this well.

TUBING

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No tubing data available for this well.

WELL LOGS

RASTER LOGS

No raster logs available for this well.

COMPLETION

API # 03139128020000

COMPLETION SUMMARY

API #:	Completion Date:	Upper Perf:	Lower Perf:
03139128020000	11-14-1989	5,721 ft	5,724 ft

No treatment job data available for this well.

FORMATIONS

FORMATIONS

No formation data available for this well.

WELL TESTS

PRODUCTION

No production test data available for this well.

DRILL STEM TESTS

No drill stem test data available for this well.

DRILL STEM TEST PIPE RECOVERY

No pipe recovery data data available for this well.

DRILL STEM TEST FLOW PERIODS

No flow period data available for this well.

PRODUCTION

API # 03139128020000

SUMMARY

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Well Card Details

Producing Entity:	WELL	**Max Active Wells:**	1	**Cumulative Gas:**		**Oil EUR:**	
Reservoir:	COTTON VALLEY	**First Prod Date:**	11-01-1989	**Peak Oil:**	1,434	**Gas EUR:**	
District:		**Last Prod Date:**	05-01-1999	**Peak Gas:**		**Oil Gatherer:**	
Lease:	PARNELL, JOHN ETAL	**Months Producing:**	94	**Daily Oil:**		**Gas Gatherer:**	
Latest Well Count:	1	**Cumulative Oil:**	30,898	**Daily Gas:**			

PRODUCTION

Date	Monthly Oil (bbl)	Monthly Gas (Mcf)	Monthly Water (bbl)	Avg Daily Oil (bbl)	Avg Daily Gas (Mcf)	Avg Daily Water (bbl)	Wells	Days
11-01-1989	428		0	14.27		0	1	
12-01-1989	857		0	27.65		0	1	
01-01-1990	1,434		0	46.26		0	1	
02-01-1990	1,042		0	37.21		0	1	
03-01-1990	437		0	14.1		0	1	
06-01-1990	627		0	20.9		0	1	
07-01-1990	754		0	24.32		0	1	
08-01-1990	733		0	23.65		0	1	
09-01-1990	688		0	22.93		0	1	
10-01-1990	718		0	23.16		0	1	
11-01-1990	781		0	26.03		0	1	
12-01-1990	762		0	24.58		0	1	
01-01-1991	642		0	20.71		0	1	
02-01-1991	16		0	0.57		0	1	
11-01-1991	524		0	17.47		0	1	
12-01-1991	499		0	16.1		0	1	
01-01-1992	525		0	16.94		0	1	
02-01-1992	570		0	19.66		0	1	
03-01-1992	478		0	15.42		0	1	
04-01-1992	619		0	20.63		0	1	
05-01-1992	592		0	19.1		0	1	
06-01-1992	492		0	16.4		0	1	
07-01-1992	409		0	13.19		0	1	
08-01-1992	243		0	7.84		0	1	
09-01-1992	622		0	20.73		0	1	
10-01-1992	405		0	13.06		0	1	

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11-01-1992	504		0	16.8		0	1	
12-01-1992	390		0	12.58		0	1	
01-01-1993	110		0	3.55		0	1	
02-01-1993	364		0	13		0	1	
03-01-1993	331		0	10.68		0	1	
04-01-1993	394		0	13.13		0	1	
05-01-1993	458		0	14.77		0	1	
06-01-1993	388		0	12.93		0	1	
07-01-1993	388		0	12.52		0	1	
08-01-1993	350		0	11.29		0	1	
09-01-1993	390		0	13		0	1	
10-01-1993	422		0	13.61		0	1	
11-01-1993	194		0	6.47		0	1	
12-01-1993	395		0	12.74		0	1	
01-01-1994	265		0	8.55		0	1	
02-01-1994	280		0	10		0	1	
03-01-1994	321		0	10.35		0	1	
04-01-1994	348		0	11.6		0	1	
05-01-1994	324		0	10.45		0	1	
06-01-1994	254		0	8.47		0	1	
07-01-1994	386		0	12.45		0	1	
08-01-1994	38		0	1.23		0	1	
09-01-1994	336		0	11.2		0	1	
10-01-1994	403		0	13		0	1	
11-01-1994	183		0	6.1		0	1	
12-01-1994	287		0	9.26		0	1	
01-01-1995	361		0	11.65		0	1	
02-01-1995	172		0	6.14		0	1	
03-01-1995	146		0	4.71		0	1	
04-01-1995	236		0	7.87		0	1	
04-01-1996	60		0	2		0	1	
05-01-1996	237		0	7.65		0	1	
06-01-1996	152		0	5.07		0	1	
07-01-1996	194		0	6.26		0	1	
08-01-1996	189		0	6.1		0	1	
09-01-1996	205		0	6.83		0	1	
10-01-1996	198		0	6.39		0	1	

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11-01-1996	221		0	7.37		0	1	
12-01-1996	162		0	5.23		0	1	
01-01-1997	177		0	5.71		0	1	
02-01-1997	215		0	7.68		0	1	
03-01-1997	150		0	4.84		0	1	
04-01-1997	180		0	6		0	1	
05-01-1997	170		0	5.48		0	1	
06-01-1997	171		0	5.7		0	1	
07-01-1997	155		0	5		0	1	
08-01-1997	145		0	4.68		0	1	
09-01-1997	126		0	4.2		0	1	
10-01-1997	98		0	3.16		0	1	
11-01-1997	156		0	5.2		0	1	
12-01-1997	186		0	6		0	1	
01-01-1998	144		0	4.65		0	1	
02-01-1998	111		0	3.96		0	1	
03-01-1998	178		0	5.74		0	1	
04-01-1998	178		0	5.93		0	1	
05-01-1998	136		0	4.39		0	1	
06-01-1998	107		0	3.57		0	1	
07-01-1998	160		0	5.16		0	1	
08-01-1998	75		0	2.42		0	1	
09-01-1998	93		0	3.1		0	1	
10-01-1998	88		0	2.84		0	1	
11-01-1998	124		0	4.13		0	1	
12-01-1998	120		0	3.87		0	1	
01-01-1999	30		0	0.97		0	1	
02-01-1999	125		0	4.46		0	1	
03-01-1999	154		0	4.97		0	1	
04-01-1999	81		0	2.7		0	1	
05-01-1999	132		0	4.26		0	1	

CHART

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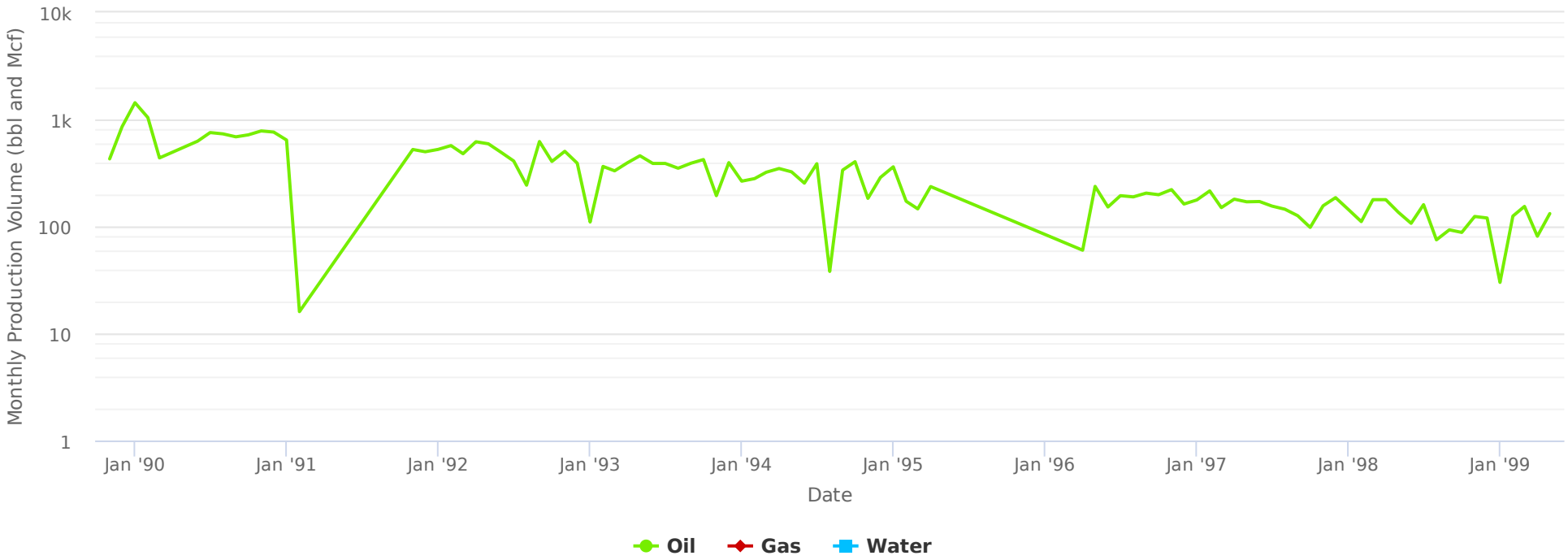
Monthly Production



HISTORY

HISTORY

Effective Date	Operator	Activity
11-14-1989	CRUDE OIL, LLC	Completion
11-14-1989	CRUDE OIL, LLC	Production
11-01-1989	CRUDE OIL, LLC	Production
10-25-1989	CRUDE OIL, LLC	Spud

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33,912 03 139 12,802

X FINAL PRINT

Schlumberger

Dual Induction-SFL BHC Sonic

COMPANY	O'Brien Operating Company
WELL	No. 1 Parnell
FIELD	~~Wildcat~~ Agnes Road North
COUNTY	Union
STATE	Arkansas

COUNTY: Union
FIELD: Wildcat
LOCATION: 2324 FNL & 1980 FWL
WELL: No. 1 Parnell
COMPANY: O'Brien Operating Company

LOCATION: 2324 FNL & 1980 FWL 6

Other Services: DIL/SFL, BHC Sonic, Cores

API SERIAL NO.	SECT.	TWP.	RANGE
.	13	17S	[redacted]

Permanent Datum	Ground Level	Elev.	236.5 F	16W	Elev.: K.B.247.5 F
Log Measured From	RKB	16.0 F	above Perm. Datum		D.F.246.3 F
Drilling Measured From	RKB				G.L.231.5 F

RECEIVED NOV 20 1989 ARKANSAS OIL & GAS COMMISSION

Date	04-NOV-1989		
Run No.	One		
Depth Driller	6800.0 F		
Depth Logger (Schl.)	6800.0 F		
Btm. Log Interval	6794.0 F		
Top Log Interval	760.0 F		
Casing-Driller	8 5/8 @759.0 F	@	@
Casing-Logger	760.0 F		
Bit Size	7 7/8		
Type Fluid in Hole	Drispac		
Dens. / Visc.	9.70 LB/G	47.0 S	
pH / Fld. Loss	10.5	9.0 C3	
Source of Sample	TANK		
Rm @ Meas. Temp.	1.710 OHMM	@ 76.0 DEGF	@
Rmf @ Meas. Temp.	1.310 OHMM	@ 76.0 DEGF	@
Rmc @ Meas. Temp.	2.100 OHMM	@ 76.0 DEGF	@
Source: Rmf / Rmc	Meas.	Calc.	
Rm @ BHT	.793 OHMM	@ 172. DEGF	@
TIME: Circulation Ended	18:00 4 Nov. 1989		
TIME: Logger on Bottom	23:30 4 Nov 1989		
Max. Rec. Temp.	172. DEGF		
Equip. / Location	8252	Magnolia	
Recorded By	Dawson		
Witnessed By	Spano		

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