Artificial Penetration No. 52
Hurley Petroleum Corporation
Bush et al. No. 1

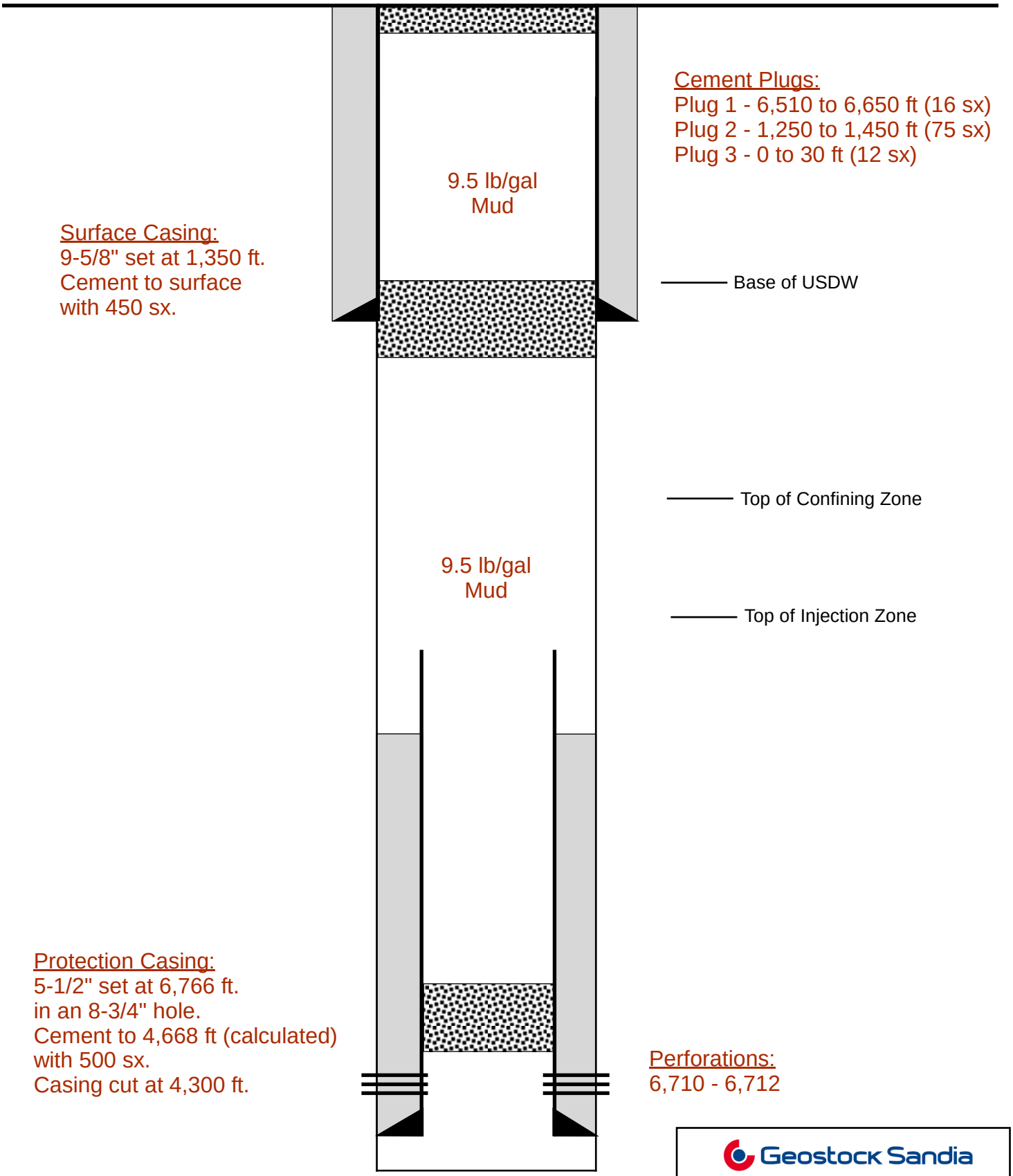
Geostock Sandia

Artificial Penetration No. 52

API Number: 03139-12440
Operator: Hurley Petroleum Corporation
Well Name: Bush et al. No. 1
Status: Plugged and Abandoned

Spud Date: January 18, 1985
Date Plugged: January 1995
KB: 11 ft
Total Depth: 6,800 ft

Ground Level: 210 ft



Geostock Sandia

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

Area of Review

Cement Volume and Height Calculation AP 52									
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)
8 3/4	5 1/2	6,766	1,350	500	1.06	10,234	3,965	2,098	4,668

**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)

WELL DATA SHEET

TYPE OF WELL: OIL
API: 03-139-12,440
SERIAL: 30,915
COMMENCE DATE: 01/18/85
COMPLETION DATE: 02/22/85
FIELD: AGNES ROAD
ZONE: SMACKOVER
COUNTY: UNION
OPERATOR: HURLEY PETROLEUM CORPORATION
LEASE: BUSH ETAL
NUMBER: 1
UNIT DESCRIPTION: SEC.24-17S-16W
UNIT SIZE: 40
PLUGGED BACK TOTAL DEPTH: 0
TOTAL DEPTH: 6,800
ELEVATION: 210 GL
LOCATION: 330'FNL & 280'FEL
SECTION-TOWNSHIP-RANGE: 24-17S-16W
ALLOWABLE FACTOR: 0 %
ORDER:
DATE STAMPED: 03/29/85

CASING, TUBING, PERFORATING AND COMPLETION PROGRAM USED IN WELL

	CASING SIZE		WEIGHT		DEPTH			CEMENT
CONDUCTOR:		in		lbs	0	ft		
SURFACE:	9 5/8	in	53.50	lbs	1,350	ft		450 SKS
INTERMEDIATE:		in		lbs	0	-	0 ft	
PRODUCTION:	5 1/2	in	15.50	lbs	6,766	ft		500 SKS
LINER:		in		lbs	0	-	0 ft	
TUBING:	2 3/8	in	4.70	lbs	6,680	ft		

PACKER:
PERFORATIONS: SIZE: 1/4 NO. PER FOOT: 4
PERFORATED INTERVALS: 6710-6712
ACIDIZED: 6710-6712
FRACTURED:

INITIAL PRODUCTION DATA

DATE TESTED: 03/26/85
LENGTH OF TEST: 24 HRS.
PRODUCING METHOD:
FLOWING WELLHEAD PRESSURE: 300 psia
CHOKE SIZE: 7/64
SHUT-IN WELLHEAD PRESSURE: 0
OIL: 43 Bbls
GAS: 50 MCFD
BSW: 0 %
GOR: 1,163 CF/Bbls
GRAVITY: 38 API
OPEN FLOW: 0 MCFD
psia @ 0 ft

TEST DATA

DATE TESTED: / /
MAXIMUM DELIVERABILITY: 0 MCFD
ABSOLUTE OPEN FLOW: 0 MCFD
SHUT-IN WELLHEAD PRESSURE: 0 psia
ALLOWABLE: 0 MCFD

OIL PURCHASER: LION OIL COMPANY
GAS PURCHASER:

0 %

, 0- 0

0 %
0 %
0 %
0 %

ABANDONED DATE: / /
REMARKS: P&A 01-19-95
CUT CASING AT 4300 FT

FIELD Agnes Road COMPANY Hurley Petroleum

COUNTY Union WELL Bush et al #1

LOCATION 330' FNL + 280' FEL S 24 T 17S R 16W

COMPETION DATE TOTAL

Sawyer Drlg. Co. Rig 13

** COMPLETION & RECOMPLETION DATA**

DATE	PERFORATIONS	REMARKS (Bridge Plug Data, Production Data)
1-18-85	cement 1350' of	9 5/8 in 12 1/4 hole w/450 sks
3-21-85	6710 - 6711.5	8 shots

5M—10-65—60235—Ark P &L Co

AOGC-3-(56)

30915

STATE OF ARKANSAS
OIL AND GAS COMMISSION
El Dorado, Arkansas

Well Completion and Recompletion Report

New Field

(Instructions: See Reverse Side)

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

WELL DESCRIPTION

Field ~~Wildcat~~ Agnew Road Producer Hurley Petroleum Corp.
Pool Completed In Smackover
Lease Name Bush et al No. 1 Address: Street 400 Petroleum Bldg.
Exact Location 330 ft. FNL & 280 ft. FEL of NW/4 NE/4 City Shreveport,
Sec. 24 Twp. 17S Rge. 16W State Louisiana 71101
County Union
Date Commenced 1-18-85
Date Completed 2-22-85
Elevation 210 G.L.
Total Depth Drilled
Electric Log Run: Yes X No
Electric Log Filed: Yes No X

CASING, TUBING, PERFORATING AND COMPLETION PROGRAM USED IN WELL

Conductor: (Size & Wt.) set at ft. w/ sks.
Surface: (Size & Wt.) 32jts 9-5/8 53.50# set at 1350 ft. w/ 450 sks.
Intermediate: (Size & Wt) set at ft. w/ sks.
Production: (Size & Wt.) 163 jts 5-1/2", 15.50#J-55 set at 6766 ft. w/ 500 sks.
Tubing: (Size & Wt.) 2-3/8 J-55 4.70# set at 6680 ft.
Perforations: Size 1/4" No. Per Foot 4
Perforated Intervals: 6710-12

Acidized: Yes X No ; Interval 6710-12 w/ 120 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 (one)
2. Tank battery to which this well is connected: Existing New X
3. Liquid production from this well is sold to (TOSCO
(Address Eldorado, Ark.
4. Disposition of gas from this well: Vented X Fuel X Sold
If sold, to whom
Address

PRODUCTION

Date of Test 3-26-85 Actual Length of Time Tested 24 hrs.
Type Well: Flowing X Gas Lift Pump .
Tubing Pressure 300 Casing Pressure 0 Choke Size 7/64
Net Oil Produced 43 bbls. Gas Produced 50 MCF % BSW GOR 1,162/1
Gravity Oil 38 deg. BHP Recorded 2385
Net Oil in 24 Hours 43 Open Flow Potential MCF
Purpose of this test: Original Completion X Workover Recompletion
Allowable Requested 43 bbls

REMARKS: Drilled by Braddock
Please use reverse side of this page for all pertinent remarks.

MAR 29 1985
ARKANSAS OIL & GAS COMMISSION

4-4-85 To Nadine Tosco Temporary allowable of 50 bbls O/D for 30 days until T.C. adopted. 3-29-85 DMC

MR LF

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.

R. K. Alexander

Producer Braddock Exploration, Ltd.
Name of Lease Riggins, et al #1
Location 117S23W3301 FSL & 3301 FWL NE NE
Year 1984

IDENT:
County LAFAYETTE
Field N.E. MCKAMIE
Source SMACKOVER (82391-431)

Month	No Wells	Reported Opening Stocks	Allowable	Production 4939	Over Produced	Under Produced	Accumulated Over Production	Dispositions	Reported Closing Stocks	Remarks
		243								
JAN		243		341				333	251	
FEBR		251		274				149	376	
MAR		376		272				487	161	
APR		161		238				164	235	
MAY		235		228				328	135	
JUNE		135		[illegible]				[illegible]	[illegible]	
JULY		173		122				157	138	
AUG		138		124					262	
SEPT										
OCT		132		158				148	142	
NOV		142		159				164	147	
DEC										
TOTALS										

REMARKS—How and By Whom Transported P & O FALCO, INC. O

For T. Baker, Oil & Gas

BRADDOCK EXPLORATION, LTD. RIGGINS, ET AL #1

C2 70, OB 25

Top Wilcox

Hurley Petroleum

COMPANY Braddock Exploration, Ltd. WELL NAME & NO. Bush, et al #1

LOCATION 330' FNL & 280' FEL of NW/4 NE/4 SEC. 24 TWP. 17 S RGE 16 W

COUNTY Union FIELD Wildcat

Depth to be drilled 6,800 feet. Surface casing required 750 feet.

Date to start drilling _____ Formation Smackover

Date permitted 12-20-84 Contractor Sawyer

Depth to base of Wilcox _____ Depth to base of Nacatoch _____

To be inspected during drilling operation:

Size Surface Casing 9 5/8 inches. Amount of Casing set 1360 feet.

Size Hole 12 1/4 inches.

Sacks of Cement 450. Returns on Cement 10 bls Date Set 1-18-84

Cemented by H & N Witnessed by Phone

To be Witnessed upon completion of Dry Hole.

Plug above any show or sand producing in offset well set at _____ to _____ feet.

with _____ sacks of cement. Cemented by _____.

Date Plugged _____. Witnessed by _____

Plug below base of freshwater sands set at _____ to _____ feet with _____

sacks of cement. Cemented by _____

Plugged in top of surface casing with _____ sacks of cement.

DATE PLUGGED _____ WITNESSED BY _____

TOTAL DEPTH _____ ARKANSAS OIL AND GAS COMMISSION

REMARKS: Out Mt Holly Road

1350' 318 949 3282 Jack

H & N

TICKET № 4957

OIL WELL CEMENTING COMPANY, INC.

BENNY SHELTON, President
863-5462

OIL WELL CEMENTING — ACID SERVICE
DRILLING MUD

4511 WEST HILLSBORO
SOUTH WYATT DRIVE
EL DORADO, ARKANSAS 71730

w/c 24-17S-16W
BRADDOCK EXPLORATION

DATE	ORDER NO	CONTRACTOR	WELL NAME	NUMBER
			Bush	

CUSTOMER'S NAME

ADDRESS

CITY

CEMENTED BY

TRUCK DRIVER

SIZE OF CASING

DEPTH OF HOLE

Service Instructions: 1350-

ITEM	QUAN	UNIT	MATERIAL OR SERVICES	UNIT PRICE	AMOUNT	REMARKS
Mileage						
Packer Rental						
Plug						
Acid		Gals				
Inhibitor		Gals				Bags Returned / Amount Credit
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						

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

AUTHORIZED AGENT

Total	
Delivery Charge	
4% Sales Tax	
TOTAL	

TYPE WELL Oil
API 03-139-12,440
SERIAL 30,915
FIELD Canon Road
COUNTY Sibley
OPERATOR Hunton Petroleum Corp
LEASE Bush & Hall
NUMBER 1
ZONE Simpson
UNIT DESCRIPTION
UNIT SIZE
LOCATION 330' FSL & 280' FEL NE/4 SE/4
SC TW RG 24-17S-10W
COMMENCE DATE 1-18-85
COMPLETED DATE 2-22-85
TD
ELEVATION 210 G.L.
PENALTY % ORDER

COMPLETION PROGRAM
CONDUCTOR
SURFACE 32 jts 9 5/8 53.50# set at 1,350 ft w/450 sks
INTERMEDIATE
PRODUCTION 103 jts 5 1/2" 15.50# J-55 set at 10,260 w/500 sks
TUBING 2 3/8 J-55 4.70# set at 10,080 ft
PACKER
PERFORATED INTERVALS 10,010-12
ACIDIZED 10,010-12 w/ 120 gals
FRACTURED

INITIAL PRODUCTION DATA
DATE TESTED 3-26-85
LENGTH OF TEST 24 hrs
PRODUCING METHOD Flowing
FLOWING WELLHEAD PRESSURE 300
CHOKE SIZE 7/64
OIL 43 bbls
GAS 50 mcf
OPEN FLOW
WATER
GRAVITY 38°
GOR 1,162/1
SI WELLHEAD PRESSURE
BHP 2,385 @

TEST DATA
DATE TESTED
DELIVERABILITY
WELLHEAD PRESS
ALLOWABLE

PURCHASER
OIL Sun Oil
GAS % %
% %
% %
% %

ABANDONED DATE
REMARKS

P O Box 1108
Magnolia, AR 71753
Phone 501-234 6721

SERVICE LOGGING & PERFORATING, INC

№ 1376 Job Order

Date 3-21-85

Customer HURLEY PETROLEUM

Address

Field W/C Lease & Well No. Bush #1

County Union State Ark

CONDITIONS OF THIS CONTRACT

TO SERVICE LOGGING & PERFORATING, INC.

You are hereby requested to furnish the service and materials and equipment herein set forth upon the following terms and conditions, to-wit

The undersigned, as customer, agrees to pay you for the service and/or materials ordered hereunder at the office of SERVICE LOGGING & PERFORATING, Inc, Magnolia, Arkansas Should any account not be paid within the term fixed by the invoice, interest will be charged at the rate of twelve percent per annum from the 10th of the month following the date of such invoice

In the event you employ an attorney to enforce any claim of indebtedness against the undersigned customer, said customer agrees to pay all costs of collection and reasonable attorney's fees which, in no event, shall be less than the sum of $100 00

The above described work shall be performed by you as an independent contractor, however, it is understood and agreed that you do not guarantee the results of your service and shall not be liable for injury to persons or to property of well owners and/or customers unless caused by your willful negligence, this provision applying, but not limited to subsurface damage and surface damage arising from subsurface damage Well owner and/or customer shall be responsible for and secure you against any liability for reservoir loss or damage or personal or property damage arising from a well blowout, unless such loss or damage is caused by your willful negligence The well owner or drilling company will pay for the actual cost of replacing or repairing the well service equipment, or any part thereof, if same should be lost or damaged while being used in performing the work on the above described well

Should any of your instruments, tools, or equipment be lost or destroyed in the rendition of your service, customer agrees to use all reasonable diligence and facilities available to recover the same, and customer agrees to reimburse you for the reasonable value of any instrument, tools, or other personal property that cannot be recovered within 60 days, or for the cost of repairing any damage to items recovered

Customer agrees that all depth measurements shall be made by it or its employees, and shall be supervised by customer or its employees

Customer certifies that it is the owner of the well on which the work herein ordered is to be done, or that it has the full right and authority to order such work done on such wells, and that the well in which the work is to be done by you is in proper and suitable condition for the performance of said work

Customer further agrees that the terms and conditions herein set forth constitute the entire agreement and that no employee of your company is authorized to alter the terms hereof I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer

Customer _____ Agent _____

Job Description.

1 11/16 DEEP JET PERF. 6710 – 6711.75 8 holes

0° phasing

DECENTRALIZED

MAR 25 1985

ARKANSAS OIL & GAS COMMISSION

Zero 11.5		Casing Size 4 1/2	Fluid Level 1000'
Type Fluid WATER		Total Depth	Crew Moses
Collars			Moody
Truck # 804	Arrival	Departure	

I hereby acknowledge the above described work was satisfactorily completed

Date _____ Customer or Agent Andy J Brune

HALLIBURTON

A Division of Halliburton Company
DUNCAN OKLAHOMA 73536

ORM 1908 R-4

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO 988243

DISTRICT Haynesville, La.

DATE 2-1-85

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

WELL NO 1 LEASE Bush SEC 24 TWP 17S RANGE 16W

FIELD El Dorado COUNTY Union STATE Ark. OWNED BY Hurley Petroleum

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME Smackover TYPE Limestone

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER TYPE _____ SET AT _____

TOTAL DEPTH OH TS 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						
LINER	Open Hole Straddle					
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 _____

Open Hole Straddle Test #1

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

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration the above named Customer agrees

(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) 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

(h) 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

(i) 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 in 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 consequental damages

(j) 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

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

(l) 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

MAR 04 1985

ARKANSAS OIL & GAS COMMISSION

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

SIGNED Buddy Brassel CUSTOMER

DATE 2-1-85

TIME 1500 A 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

ARKANSAS
OIL AND GAS
COMMISSION

314 East Oak Street ■ El Dorado Arkansas 71730

William E Wright
Director

Ph 501 862-4965

October 17, 1989

Hurley Petroleum Corp.
400 Petroleum Building
Shreveport, Louisiana 71101

Gentlemen:

It will be necessary to file amended AOGC Form 5 "Well Status Report and Gas-Oil Ratio" reports on the following wells:

Well Name and Number	Field
Bush Number 1 well	Agnes Road

According to AOGC Form 6 "Producers Monthly Report" filed on the above listed well(s), production from Form 5 and 6 do not match. Please file corrections for the month(s) of May, 1989.

Please file these reports immediately. If I may be of any assistance to you, please advise.

Yours truly,

Janet Hux

Janet Hux,
Secretary I
Production Department

:jh

Received Oct 19, 1989

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 ■ William I Prewett El Dorado

An equal opportunity employer

ARKANSAS
OIL AND GAS
COMMISSION

314 East Oak Street ■ El Dorado Arkansas 71730

Ph 501 862 4965

William E. Wright
Director

July 10, 1985

Hurley Petroleum Corp.
400 Petroleum Bldg.
Shreveport, Louisiana 71101

Gentlemen:

It will be necessary to file amended AOGC Form 5 'Well Status Report and Gas-Oil Ratio" reports on the following wells:

Well Name and Number	Field
Bush, et al Number 1	Agnes Road

According to AOGC Form 6 "Producers Monthly Report" filed on the above listed well(s), production from Form 5 and 6 do not match. Please file corrections for the month(s) of May, 1985.

Please file these reports immediately. If I may be of any assistance to you, please advise.

Yours truly,

Janet Hux

Janet Hux,
Secretary I
Production Department

:sk

Received July 12, 1985

ARKANSAS
OIL AND GAS
COMMISSION

314 East Oak Street ■ El Dorado Arkansas 71730

Ph 501 862 4965

William E Wright
Director

October 10, 1985

Hurley Petroleum Corporation
400 Petroleum Building
Shreveport, Louisiana 71101

Gentlemen.

Please file AOGC Form 5, "Well Status Report and Gas-Oil Ratio," and Form 6, "Producers Monthly Report," on the Hurley Petroleum Corporation, Bush, et al Number 1 well, located in Agnes Road Field, for the month of March, 1985. The beginning stock should begin with 0 barrels since this is a new completion.

If I may be of any assistance to you, please advise.

Yours truly,

Kim Calaway

Kim Calaway,
Secretary I
Production Department

kc

Received Oct. 14, 1985

COMMISSION MEMBERS ■ E Boyd Alderson Chairman El Dorado
James O Staggs Vice Chairman Magnolia ■ Ned R Price Smackover ■ Spence A Leamons Fort Smith
James D Reynolds III Camden ■ G Giles Gillispie Magnolia ■ William I Prewett El Dorado

An equal opportunity employer

THE LAW OFFICES OF
VICKERY & JONES, P A
ATTORNEYS AND COUNSELORS AT LAW
470 NORTH WASHINGTON AVENUE
EL DORADO ARKANSAS 71730

IAN W VICKERY
EDWARD P JONES

(501) 862 5565

January 31, 1985

RECEIVED
JAN 31 1985
ARKANSAS OIL & GAS COMMISSION

Oil and Gas Commission
314 East Oak Street
El Dorado, Arkansas 71730

ATTENTION: Mr. Randall Jerry

Dear Sir

Pursuant to your request, this is to advise that I have learned that Braddock Exploration conducted a meeting amongst all of its creditors in Shreveport, Louisiana on the 30th day of January, 1985, at which meeting certain of my clients were present, and that the result was the establishment of a creditors committee to arrange for aggregate debts, all substantially in arrears, and exceeding a total of Three Hundred Thousand Dollars ($300,000.00).

Further, I have been retained by Magnolia Pump & Supply Company to collect on the non-payment of an account that accured in July 1984, for which demand has been made, and for which no payment has been provided in excess of Seven Thousand Five Hundred Dollars ($7,500.00).

Accordingly, I suspicion that the statement of financial responsibility is inaccurate and I would ask that you review the financial ability of Braddock Exploration to perform under the statutory and regulatory requirements enforced by the Oil and Gas Commission. In the meantime, you are advised that drilling continues on the Wildcat Well (Bush, et al, No. 1, serial no. 30915), and it would be my suggestion that arrangements be made immediately to terminate further drilling until the Commission is satisfied with regard to the financial ability of Braddock Exploration as well as the veracity of its affidavit of financial responsibility.

In my opinion, every moment that passes after your receipt of this notice further jeopardizes the interest that the law was designed to protect, namely the adjacent land owners near and about the well being drilled.

Your attention is appreciated.

Yours very truly,

By: _____
Ian W. Vickery

IWV/mmb
encl.

cc: William J. Wynne, Esq.

RECEIVED THE 31st day of January, 1985 at _____ o'clock.

_____
Randall Jerry

THE LAW OFFICES OF
VICKERY & JONES, P A
ATTORNEYS AND COUNSELORS AT LAW
470 NORTH WASHINGTON AVENUE
EL DORADO ARKANSAS 71730

IAN W VICKERY
EDWARD P JONES

(501) 862 5565

January 31, 1985

RECEIVED
JAN 31 1985
ARKANSAS OIL & GAS COMMISSION

Oil and Gas Commission
314 East Oak Street
El Dorado, Arkansas 71730

ATTENTION Mr. Randall Jerry

Dear Sir

Pursuant to your request, this is to advise that I have learned that Braddock Exploration conducted a meeting amongst all of its creditors in Shreveport, Louisiana on the 30th day of January, 1985, at which meeting certain of my clients were present, and that the result was the establishment of a creditors committee to arrange for aggregate debts, all substantially in arrears, and exceeding a total of Three Hundred Thousand Dollars ($300,000.00).

Further, I have been retained by Magnolia Pump & Supply Company to collect on the non-payment of an account that accured in July 1984, for which demand has been made, and for which no payment has been provided in excess of Seven Thousand Five Hundred Dollars ($7,500.00).

Accordingly, I suspicion that the statement of financial responsibility is inaccurate and I would ask that you review the financial ability of Braddock Exploration to perform under the statutory and regulatory requirements enforced by the Oil and Gas Commission. In the meantime, you are advised that drilling continues on the Wildcat Well (Bush, et al, No. 1, serial no. 30915), and it would be my suggestion that arrangements be made immediately to terminate further drilling until the Commission is satisfied with regard to the financial ability of Braddock Exploration as well as the veracity of its affidavit of financial responsibility.

In my opinion, every moment that passes after your receipt of this notice further jeopardizes the interest that the law was designed to protect, namely the adjacent land owners near and about the well being drilled.

Your attention is appreciated.

Yours very truly,

By: Ian W. Vickery

IWV/mmb
encl.

cc: William J. Wynne, Esq.

AOGC — 4a

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

AUTHORITY TO PRODUCE

TO Hurley Petroleum Corporation
400 Petroleum Building
Shreveport, Louisiana 71101

SUPPLEMENT NO X - 110 - SA

DATE April 8, 1985

COMPLETION X RECOMPLETION

REWORK CHANGE OR CORRECTION

WELL NAME Bush et al NO 1 FIELD Agnes Road

LOCATION 330' FNL & 280' FEL NW NE SEC 24 TWP 17S RGE 16W

COUNTY Union

PRODUCING INTERVAL Smackover FROM 6710 FT, TO 6712 FT

Gentlemen

This will be your authority to produce the above well at the rate of *50 (BBLS) and/or _____ (MCF) per day, effective 7 A M, March 24, 1985

This is authority for TOSCO Corporation 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 50 barrels of oil per day shall be issued for 180 days. If no Field Rules are adopted within 180 days, the "Authority to Produce and Transport" shall be null and void.

cc TOSCO Corporation
1001 School Street
El Dorado, Arkansas 71730

Yours truly,

By _____
SHIRLEY KNIGHT, STATISTICIAN II

ADC LDC - 2474

Form AOGC-4 (56)—10M—5 77—A9639—II 2R—M P

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 Bush et al #1 (Sec.) 24 (Twp.) 17S (Rge.) 16W County Union

Producer Hurley Petroleum Corp. Field ~~Wildcat~~ Agnes Road

Address all correspondence concerning this form to: Hurley Petroleum Corp.

Street 400 Petroleum Bldg. City Shreveport State La.

The above named producer hereby authorizes TOSCO Lion Oil Trading & Transportation, Inc.
(Name of Transporter)

Whose principal place of business is Lion Oil Bldg. (Street) Eldorado (City) Ark. 71730 (State)

And whose field address is Same

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
MAR 29 1985
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 28 day of March 1985

APPROVED: April 8, 1985
ARKANSAS OIL & GAS COMMISSION
By Shirley Kruger
No. 26 515

Hurley Petroleum Corp.
(Company or Operator)
R. K. Alexander
(Affiant)

Form ADGC 28½

03 139 12,440

ARKANSAS OIL AND GAS COMMISSION

El Dorado, Arkansas

Serial No 30,915 County UNION

Permit Issued 12-19-84 Field ~~WILDCAT~~ Agnes Rose

Operator BRADDOCK EXPL., LTD., 604 BECK BLDG., SHREVEPORT, LA 71101

Lease Name BUSH, ET AL #1

Location of Well 330'FNL & 280'FEL NW/4 NE/4 SEC. 24 - 17S - 16W

Depth to be Drilled 6800' Formation to be completed in SMACKOVER

Oil Well ✓ Gas Well _____ Cond Well _____ Dry Hole _____

Form 3 Filed 3-29-85 Form 11 Filed _____

Electric Log Filed 4-4-85 Form 12 Filed _____

ADC-CDC—1443 4-1-85 mo

03 139 12,440

5M- ADC CDC 76

AOGC-2-(56)

ARKANSAS OIL AND GAS COMMISSION
314 East Oak Street
El Dorado, Arkansas 71730

Serial No. 30,915

Notice of Intention to Drill For Oil or Gas

(This application to drill must be accompanied by a remittance of $150.00)

Date December 5, 19 84

Name of Operator Braddock Exploration, Ltd.

Send Permit to: Street 604 Beck Building

City Shreveport

State Louisiana 71101

Lease Name Bush, et al Well No #1

Acres in lease 240 acres

Number of acres in and description of drilling unit ~~80 acres in NW/4 of NE/4 and NE/4 of NW/4 of Section 24, T17S-R16W~~

Location of proposed well (Must agree with Surveyor's Plat) 330' FNL and 280' FEL of NW/4 of NE/4

Section 24 Township 17S Range 16W

County Union Field ~~Northwest El Dorado~~ Wildcat

Distance and direction from the nearest town 4.5 miles NW of El Dorado

Distance from proposed location to nearest drilling, completed or applied for well approx. 1420' SW of Braddock Exploration, Ltd.-W. A. McMahan #1 Dry(P&A)

KU
LF

Rotary or cable tools Rotary Date work will start

Name of drilling or workover contractor Sawyer Drilling Service, Inc.

Depth to be drilled 6800'

Formation you propose to complete in Smackover

Remarks

RECEIVED
DEC 19 1984
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

D B Braddock

D. B. Braddock

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.

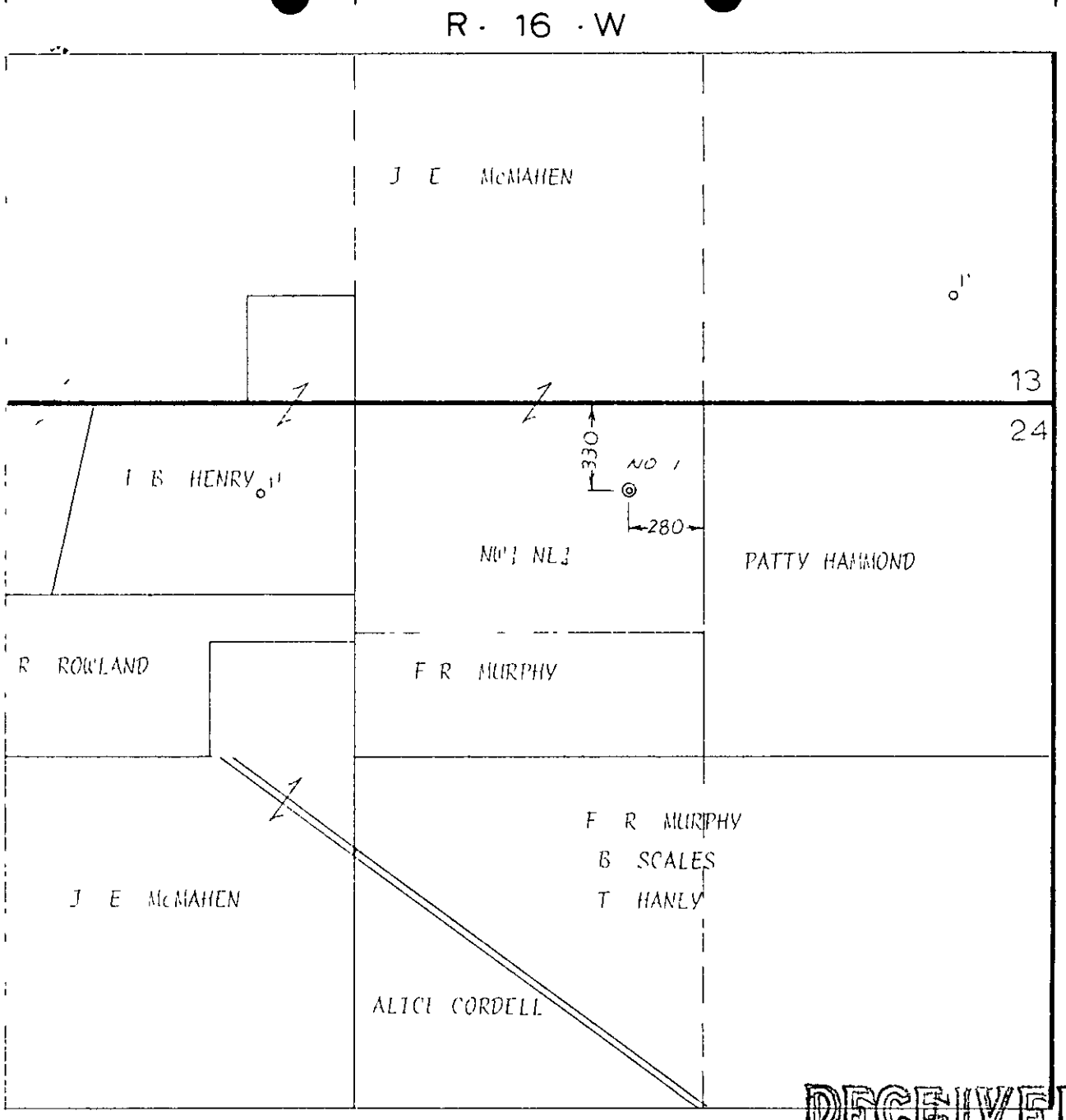
6. This application must be accompanied by a certified lease plat, showing the aforementioned data This plat cannot be drawn to a scale that is less than one inch to one thousand feet A larger scaled drawing may be used Designate scale and northerly direction on plat

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



RECEIVED
DEC 19 1984
ARKANSAS OIL & GAS COMMISSION

WELL LOCATION PLAT

OPERATOR BRADDOCK EXPLORATION

WELL NAME BUSH ETAL NO 1

LOCATION 330' FROM NORTH LINE AND 280' FROM EAST LINE OF THE NW¼ NE¼ OF SECTION 24, TOWNSHIP 17S, RANGE 16W, UNION COUNTY, ARKANSAS

The location shown hereon was staked from a ground survey made 5-10 1984

Scale 1" = 600'

RLS 454

Crisp Surveying Service
P O Box 812
Magnolia, Ark

Banner News

ACI 77

AOGC-12(56)

Arkansas Oil and Gas Commission

P O Box 1472

El Dorado, Arkansas 71731-1472

PLUGGING RECORD

(Within five days after the plugging of any well has been accomplished, the owner or operator thereof shall file this form with the Commission, setting forth in detail the method used in plugging the well.)

SEE — REVERSE SIDE FOR PLUGGING REQUIREMENTS AND COMPLY THEREWITH.

Operator Hurley Petroleum Corp. Field Agnes Road

Address all correspondence concerning this Pool

form to Hurley Petroleum Corp County Union

Street P. O. Box 3917 City Baton Rouge State LA

Lease Bush et al No. 1 Well No 1 Sec 24 Twp 17 Rge 15

Date well was plugged Jan. 19, 1995 Total Depth of well

Was well filled with mud-laden fluid, according to regulations of the Commission? yes

How much mud applied? filled hole Were plugs used? yes If so, show all shoulders left for casing, depth of each, and size of casing, size and kind of plugs used, and depths placed Also amount of cement and rock 6650'-6510' w/16 sks cmt., 1450'-1250' w/75 sks cmt., 30'-0 w/12 sks cmt.

Was notice given before plugging, to all available adjoining lease and land owners as required? yes

INFORMATION ON CASING RECLAIMED FROM WELL

SIZE	RECOVERED FROM WELL		LEFT IN WELL	
	Feet	Inches	Feet	Inches
9 5/8"	0		1350	
5½"	4300'			

RECEIVED
ARK OIL & GAS COMM
95 JAN 27 AM 10:45

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

Carl Ramer

PLUGGING METHODS AND PROCEDURE

The Methods and procedure for plugging a well shall be as follows

(a) The bottom of the hole shall be filled to the top of each producing stratum and a cement plug of not less than thirty (30) feet in length shall be placed inside the casing immediately above each producing stratum, or a bridge plug, regular or wireline type, may be placed at the top of each producing stratum

(b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet below all fresh waterbearing stratum when the surface casing is not cemented below the base of the fresh water-bearing stratum In the event the surface casing has been cemented below the base of the fresh water-bearing stratum, a thirty (30) foot cement plug shall be placed inside the base of the surface casing

(c) A plug shall be placed at the surface of the ground in each hole plugged in such manner as not to interfere with soil cultivation

(d) The interval between plugs shall be filled with an approved heavy mud-laden fluid

(e) An uncased rotary drilled hole shall be filled with approved heavy mud up to the base of the surface casing and a plug of not less than thirty (30) feet of cement placed inside the base of the surface casing provided the casing is cemented through the base of the fresh water-bearing stratum A cement plug of not less than fifty (50) feet in length shall be placed at a point fifty (50) feet below the base of the fresh water-bearing stratum in the event the surface casing is not cemented through the base of the fresh water-bearing stratum The hole shall be capped similar to other abandoned holes

(f) Any other method approved by the Commission may be used

RECEIVED
94 DEC 27 PM 1:21

HURLEY PETROLEUM CORPORATION
P O BOX 3917
BATON ROUGE, LOUISIANA 70821
TELEPHONE (504) 387-0628 • FAX (504) 387-0656

December 9, 1994

Mr. Marty Perdue
Arkansas Oil and Gas Commission
P.O. Box 1472
El Dorado, Arkansas 71731-1472

Dear Mr. Perdue:

I wanted to follow up our December 2nd phone conversation with a letter. As you may recall, I submitted Applications to Plug seven Hurley operated wells located in Arkansas. We intended to begin plugging these wells December 1st, but due to a problem with rig availability, we will not begin the work until the first or second week of January. We will be certain to notify your office several days before the work begins.

I also wanted you to be aware that the Featherstone #1 will not be plugged as originally planned (This was one of the seven wells I submitted an application for). We have been approached by a company that is interested in purchasing the Featherstone #1 so instead of plugging the well it will be sold.

Thank you for your time and assistance. Should you have any questions or require additional information please feel free to call me at 504-898-3591.

Sincerely,

Natalie Scott

Natalie Scott

/ns

AOGC 11(83)

ARKANSAS OIL AND GAS COMMISSION
2215 West Hillsboro • P.O. Box 1472
El Dorado, Arkansas 71731-1472

Application To Plug

Serial No 30,915

Date 11-09-94

File Original Five Full Days Prior To Beginning Plugging Operations

Operator Hurley Petroleum Corp.

Field Agnes Road

County Union

Operator s Address Street 400 Petroleum Bldg.

City Shreveport

State Louisiana Zip 71101

Lease Name Bush et al Well No 1

Location 330' FNL & 280' FEL of NW $\frac{1}{4}$ NE $\frac{1}{4}$

Section 24 Township 17S Range 16W

Type of Well (Oil Gas or Dry) Oil

Date you wish to plug 12-01-94

Total Depth of Well 6770'

Name of party plugging well Production Services, Inc.

Address Street Hwy. 79 North, P.O. Box 1885

City Magnolia

State Arkansas Zip 71753

AOGC-2(56) filed by Braddock Exploration Ltd. Date filed 12-19-84

D.E.

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.

Natalie Scott

Natalie Scott 504-898-3591

XOM

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

"PLUGGING REPORT FOR ABANDONED PRODUCING WELLS"

COMPANY Hurley Petro. Corp. WELL NAME Bush #1

LOCATION NW, NE SEC 24 TWP 17 RGE 16

COUNTY Union FIELD Agnes Road

CONDUCTOR [redacted] PRODUCTION 5½"-15.5#-6766

SURFACE 9 5/8"-53.5#-1350' PERFORATIONS 6710'-12'

PRODUCTION PLUG SET AT 6650'-6510' WITH 16 sks.

WORK DONE BY Thorall Story Well Serv. DATE 1-17-95

WITNESSED BY Dennis K. Endel

U S D W PLUG SET AT 1450'-1250' WITH 75 sks

WORK DONE BY T. S. W. S. DATE 1-19-95

WITNESSED BY Dennis K. Endel

A F.W PLUG SET AT _____ WITH _____

WORK DONE BY _____ DATE _____

WITNESSED BY _____

PLUGGED IN TOP OF SURFACE CASING WITH 12 sks. 0'-30'

WITNESSED BY Dennis K. Endel DATE 1-19-95

REMARKS Cut casing at 4300' & pulled it.

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.

Braddock Exploration, LTd. — operator

Bush, et al #1 — lease and well no.

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 and B-8 of the General Rules and Regulations.

The Commission engineer for your area is Frank Brown.

ENGINEERS	AREA	HOME PHONE
Frank Brown	Ashley, Bradley, Calhoun and Union Counties	863-5908
Dennis Endel	Columbia, Nevada and Ouachita Counties	862-8434
Steve Sawlsbury	Hempstead, Lafayette and Miller Counties	862-6496

In the event that the engineer of your area can not be contacted, contact the office of the ARKANSAS OIL AND GAS COMMISSION, 314 East Oak Street, El Dorado, Arkansas 71730. PHONE (501) 862-4965 8:00 am to 5:00 pm

Steve Klippert	UIC Engineering Technician	862-7727
David Morrow	UIC Engineer	862-4521
Randall L. Jerry	Petroleum Engineer	862-8191
Lynn J. Fite	Deputy Director	862-1798
W. E. "Bill" Wright	Director	863-8784

BUSH ETAL 1

API #:	0313912440	**County:**	UNION (AR)	**Township:**	17S	**Last Completion Date:**	02-22-1985
Operator:	HURLEY PETROLEUM CORPORATION	**Lat, Lon:**	33.2295302, -92.708872	**Range:**	16W	**Wellbore Count:**	1
Status:	P & A	**Field:**	AGNES ROAD	**Q/Q:**			
Completion Type:	OIL	**Survey:**		**Spud Date:**	12-20-1984		
GL:	210 ft	**Section:**	24	**First Completion Date:**	02-22-1985		

PERMITS

No permit data available for this well.

WELLBORES

API # 031391244000

WELLBORE

API #:	Formation:	True Vert. Depth:	Horizontal Length:
031391244000		6,800 ft	
Trajectory:	**Total Depth:**	**DI Lateral Length:**	**Elevation:**
V	6,800 ft	2 ft	210 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 # 03139124400000

COMPLETION SUMMARY

API #:	Completion Date:	Upper Perf:	Lower Perf:
03139124400000	02-22-1985	6,710 ft	6,712 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 # 03139124400000

SUMMARY

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Well Card Details

Producing Entity:	WELL	**Max Active Wells:**	1	**Cumulative Gas:**	15,516	**Oil EUR:**	
Reservoir:	SMACKOVER	**First Prod Date:**	03-01-1985	**Peak Oil:**	1,224	**Gas EUR:**	
District:		**Last Prod Date:**	09-01-1993	**Peak Gas:**	3,700	**Oil Gatherer:**	
Lease:	BUSH ETAL	**Months Producing:**	100	**Daily Oil:**		**Gas Gatherer:**	
Latest Well Count:	1	**Cumulative Oil:**	17,644	**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
03-01-1985	76	75	0	2.45	2.42	0	1	0
04-01-1985	1,224	1,240	0	40.8	41.33	0	1	0
05-01-1985	1,058	1,050	0	34.13	33.87	0	1	0
06-01-1985	373	3,700	0	12.43	123	0	1	0
07-01-1985	794	794	0	25.61	25.61	0	1	0
08-01-1985	528	500	0	17.03	16.13	0	1	0
09-01-1985	282	280	0	9.4	9.33	0	1	0
10-01-1985	908	900	0	29.29	29.03	0	1	0
11-01-1985	697	690	0	23.23	23	0	1	0
12-01-1985	656	650	0	21.16	20.97	0	1	0
01-01-1986	607	600	0	19.58	19.35	0	1	0
02-01-1986	501	500	0	17.89	17.86	0	1	0
03-01-1986	511	509	0	16.48	16.42	0	1	0
04-01-1986	411	400	0	13.7	13.33	0	1	0
05-01-1986	375	375	0	12.1	12.1	0	1	0
06-01-1986	313	313	0	10.43	10.43	0	1	0
07-01-1986	285	280	0	9.19	9.03	0	1	0
08-01-1986	272	270	0	8.77	8.71	0	1	0
09-01-1986	233	230	0	7.77	7.67	0	1	0
10-01-1986	247	240	0	7.97	7.74	0	1	0
11-01-1986	209	200	0	6.97	6.67	0	1	0
12-01-1986	215	200	0	6.94	6.45	0	1	0
01-01-1987	196	190	0	6.32	6.13	0	1	0
02-01-1987	163	160	0	5.82	5.71	0	1	0
03-01-1987	254	250	0	8.19	8.06	0	1	0
04-01-1987	71	70	0	2.37	2.33	0	1	0

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05-01-1987	171	17	0	5.52	0.55	0	1	0
06-01-1987	185	19	0	6.17	0.63	0	1	0
07-01-1987	136	13	0	4.39	0.42	0	1	0
08-01-1987	182	19	0	5.87	0.61	0	1	0
09-01-1987	112	12	0	3.73	0.4	0	1	0
10-01-1987	52	6	0	1.68	0.19	0	1	0
11-01-1987	233	23	0	7.77	0.77	0	1	0
12-01-1987	70	7	0	2.26	0.23	0	1	0
01-01-1988	162	16	0	5.23	0.52	0	1	0
02-01-1988	171	17	0	5.9	0.59	0	1	0
03-01-1988	148	140	0	4.77	4.52	0	1	0
04-01-1988	111	111	0	3.7	3.7	0	1	0
05-01-1988	37	4	0	1.19	0.13	0	1	0
06-01-1988	198	20	0	6.6	0.67	0	1	0
07-01-1988	112	11	0	3.61	0.35	0	1	0
08-01-1988	40	4	0	1.29	0.13	0	1	0
09-01-1988	180	18	0	6	0.6	0	1	0
10-01-1988	68	7	0	2.19	0.23	0	1	0
11-01-1988	123	12	0	4.1	0.4	0	1	0
12-01-1988	101	10	0	3.26	0.32	0	1	0
01-01-1989	121	12	0	3.9	0.39	0	1	0
02-01-1989	95	9	0	3.39	0.32	0	1	0
03-01-1989	83	8	0	2.68	0.26	0	1	0
04-01-1989	65	6	0	2.17	0.2	0	1	0
05-01-1989	130	10	0	4.19	0.32	0	1	0
06-01-1989	90	9	0	3	0.3	0	1	0
07-01-1989	93	9	0	3	0.29	0	1	0
08-01-1989	78	7	0	2.52	0.23	0	1	0
10-01-1989	0	5		0	0.16		1	
11-01-1989	20	10	0	0.67	0.33	0	1	0
12-01-1989	101	10	0	3.26	0.32	0	1	0
01-01-1990	366	37	0	11.81	1.19	0	1	0
02-01-1990	26	30	0	0.93	1.07	0	1	0
04-01-1990	3	3	0	0.1	0.1	0	1	0
05-01-1990	2	1	0	0.06	0.03	0	1	0
07-01-1990	122	12	0	3.94	0.39	0	1	0
08-01-1990	112	12	0	3.61	0.39	0	1	0

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09-01-1990	77	9	0	2.57	0.3	0	1	0
10-01-1990	76	7	0	2.45	0.23	0	1	0
11-01-1990	66	4	0	2.2	0.13	0	1	0
12-01-1990	39	4	0	1.26	0.13	0	1	0
01-01-1991	85	6	0	2.74	0.19	0	1	0
02-01-1991	59	7	0	2.11	0.25	0	1	0
03-01-1991	56	5	0	1.81	0.16	0	1	0
04-01-1991	52	5	0	1.73	0.17	0	1	0
05-01-1991	84	8	0	2.71	0.26	0	1	0
06-01-1991	143	15	0	4.77	0.5	0	1	0
07-01-1991	11	10	0	0.35	0.32	0	1	0
08-01-1991	28	3	0	0.9	0.1	0	1	0
09-01-1991	66	1	0	2.2	0.03	0	1	0
10-01-1991	55	1	0	1.77	0.03	0	1	0
11-01-1991	57	1	0	1.9	0.03	0	1	0
12-01-1991	37	8	0	1.19	0.26	0	1	0
01-01-1992	70	9	0	2.26	0.29	0	1	0
02-01-1992	35	5	0	1.21	0.17	0	1	0
03-01-1992	25	3	0	0.81	0.1	0	1	0
04-01-1992	118	10	0	3.93	0.33	0	1	0
05-01-1992	53	5	0	1.71	0.16	0	1	0
06-01-1992	49	4	0	1.63	0.13	0	1	0
07-01-1992	111	5	0	3.58	0.16	0	1	0
08-01-1992	25	2	0	0.81	0.06	0	1	0
09-01-1992	22	2	0	0.73	0.07	0	1	0
10-01-1992	20	2	0	0.65	0.06	0	1	0
11-01-1992	126	5	0	4.2	0.17	0	1	0
12-01-1992	53	4	0	1.71	0.13	0	1	0
01-01-1993	53	4	0	1.71	0.13	0	1	0
02-01-1993	44	3	0	1.57	0.11	0	1	0
03-01-1993	52	3	0	1.68	0.1	0	1	0
04-01-1993	61	3	0	2.03	0.1	0	1	0
05-01-1993	49	2	0	1.58	0.06	0	1	0
06-01-1993	50	2	0	1.67	0.07	0	1	0
07-01-1993	5	1	0	0.16	0.03	0	1	0
08-01-1993	47	4	0	1.52	0.13	0	1	0
09-01-1993	27	2	0	0.9	0.07	0	1	0

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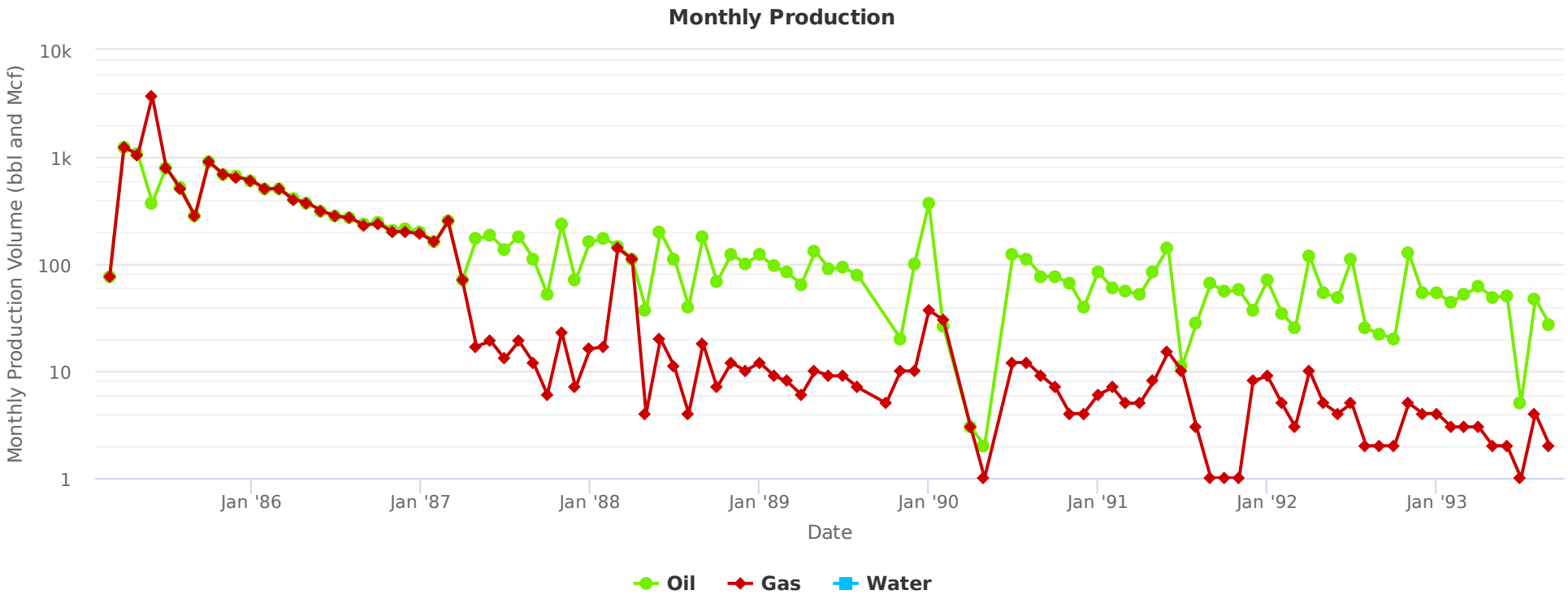
CHART



HISTORY

HISTORY

Effective Date	Operator	Activity
03-01-1985	HURLEY PETROLEUM CORPORATION	Production
02-22-1985	HURLEY PETROLEUM CORPORATION	Completion
02-22-1985	HURLEY PETROLEUM CORPORATION	Production
12-20-1984	HURLEY PETROLEUM CORPORATION	Spud

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Dresser Atlas

DRESSER

DUAL INDUCTION FOCUSED LOG
BHC ACOUSTILOG ®
GAMMA RAY

FILE NO.

API NO.

Company HURLEY PETROLEUM

Well BUSH NO. 1

Field ~~WILDCAT~~ Agnes Road

County UNION State ARK.

Location:

330' FNL & 280' FEL OF NW 1/4 NE 1/4 OF

Sec 24 Twp 17S Rge 16W

OTHER SERVICES

CDL/CN/GR
SWC

PERMANENT DATUM G.L. ELEV. 209.95

LOGGING MEASURED FROM R.K.B. 11.5 FT. ABOVE P.D.

DRILLING MEASURED FROM R.K.B.

ELEVATIONS

KB	220.45
DF	219.25
GL	209.95

DATE	2/4/85		
RUN	1		
SERVICE ORDER	69302		
DEPTH-DRILLER	6770		
DEPTH-LOGGER	6760		
BOTTOM LOGGED INTERVAL	6758		
TOP LOGGED INTERVAL	1650		
CASING - DRILLER	9 5/8 @ 1350		@
CASING - LOGGER	NOT LOGGED		
BIT SIZE	7 7/8		
TYPE FLUID IN HOLE	NEW DRILL		
DENSITY AND VISCOSITY	9.5	35	
PH AND FLUID LOSS	9.0	7.4	
SOURCE OF SAMPLE	FLOWLINE		
RM AT MEAS. TEMP.	2.74 @ 60		@
RMF AT MEAS. TEMP.	2.06 @ 60		@
RMC AT MEAS. TEMP.	3.42 @ 60		@
SOURCE OF RMF / RMC	CALCULATED	CALCULATED	
RM AT BHT	0.98 @ 167		@
TIME SINCE CIRCULATION	4 HRS.		
MAX. REC. TEMP. DEG. F	167		
EQUIP. NO. / LOC.	HL 6267	SHREVEPORT	
RECORDED BY	HENDRY/BOLING		
WITNESSED BY	ROBERTSON		

TIGHT HOLE

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