

ORIGINAL

CONFIDENTIAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

RELEASED

MAY 20 1992

API NO. 15- 007-22,358-0000

County Barber

NE NE SE Sec. 36 Twp. 33 Rge. 13 X East West

2310 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name HALL 'F' Well # 2

Field Name Driftwood

Producing Formation D & A

Elevation: Ground 1496 KB 1501

Total Depth 5160 PSTD

Operator: License # 5238

Name: PETROLEUM, INC.

Address 301 N. Main, Suite 900

Wichita, KS 67202

City/State/Zip

Purchaser: N/A

Operator Contact Person: R. G. Julius

Phone (316) 291-8281

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: Mikeal K. Maune

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

X Dry Other (Core, Water Supply, etc.)

If OWM: old well info as follows:

Operator: N/A

Well Name:

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

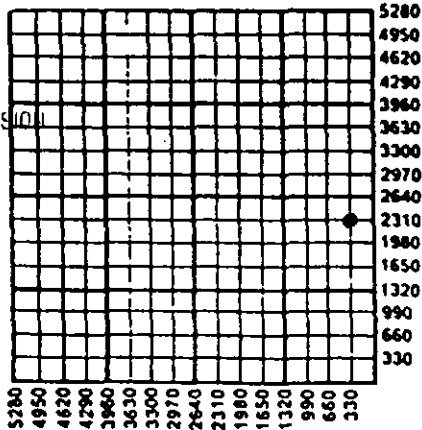
3/15/91 3/26/91 3/27/91

Spud Date Date Reached TD Completion Date

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APR 04 1991

4-4-91
CONSERVATION DIVISION
Wichita, Kansas



ALL DATA

Amount of Surface Pipe Set and Cemented at 321 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Paul Krout

Title Clerical Supervisor-Production Date 4-3-91

Subscribed and sworn to before me this 3rd day of April 1991.

Notary Public Sherry Fraser

Date Commission Expires March 20, 1994

SHERRY FRASER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-20-94

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC S&W/Rep NGPA
KGS Plug Other (Specify)

ORIGINAL

SIDE TWO

Operator Name

PETROLEUM, INC.

Lease Name

HALL 'F'

Well # 2

Sec. 36 Twp. 33 Rge. 13

East West

County Barber

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)

Copies of all logs and DST have been mailed by service companies.

Formation Description

Log Sample

Name Top Bottom

Copy of geological report has been mailed by well site geologist.

CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs./Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives. Includes data for surface casing.

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Table for Perforation Record with multiple rows for recording data.

TUBING RECORD

Size Set At Packer At Liner Run Yes No

Date of First Production Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled Other (Specify)

Production Interval



P.O. Box 4442
Houston, Texas 77210

15-007-22358-0000

ORIGINAL CEMENTING LOG

STAGE NO.

RELEASED **CONFIDENTIAL**

Date 3-26-91 District Medicine Lodge Ticket No. 648505

Company Petroleum Inc Rig Allen 5

Lease Hall "F" Well No. 2

County Barber State Ks

Location NE-NE-SF 36-33s-13w Field Kearney Chaplin

Check 45 15 SF in

CASING DATA: PTAX Squeeze

Surface Intermediate Production Liner

Size _____ Type _____ Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2 Weight 16.60 Collars X

Open Hole: Size 7 7/8 T.D. 5100 ft. P.B. to 5100 ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Drill Pipe: Bbls/Lin. ft. 0.01422 Lin. ft./Bbl. 70.32

Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
Spacer Type: _____
Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

FROM CONFIDENTIAL

LEAD: Pump Time _____ hrs. Type 40/60 Poz

6 1/2 Gal Excess _____

Amt. 165 Sks Yield 1.52 ft³/sk Density 13.25 PPG

TAIL: Pump Time _____ hrs. Type _____

Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used _____

Bulk Equip. _____

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Vince Schnepel

CEMENTER Max E. Wolf

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
9:45P	4 1/2	7 7/8	90	15	6	40 SK, 40/60 6% at 5100 to 4920
3:15A	4 1/2	7 7/8	18	3	6	50 SK, 40/60 6% at 598 to 373
3:45A	4 1/2		14	2	6	50 SK, 40/60 6% at 354 to 129
4:15A						10 SK, 40/60 6% at 60 to surface
4:25A						15 SK, 40/60 6% at Rathole to surface
						Job Done at 3-27-91

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4-4-91
CORPORATION DIVISION
Wichita, Kansas



15-007-22358-0000

LOAD SHEET

CONFIDENTIAL

ORIGINAL

JOB NUMBER	CONTRACT NUMBER	DATE	DIRECT SHIPMENT FROM	DISTRICT NAME
		3-26-91	Med. Lodge, KS	
CUSTOMER NAME AND ADDRESS			DIRECT SHIPMENT FROM	
			VENDOR NAME ORIGINAL	
			RELEASED	
			MAY 20 1992	

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
1	410504	Class A	Q	99		
2	415018	Fly Box	Q	66		
3	420149	13 # Milk	L	851		
4						
5						
6						
7						
8						
9		115 SK. FRONT				
10		50 SK. REAR				
11						
12						
13						
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 44-91
 APR 04 1991
 CONSERVATION DIVISION
 Wichita, Kansas

COPY 1 - DISTRICT COPY COPY 2 - CUSTOMER COPY COPY 3 - HOUSTON	LOADED BY: <u>J. Kelley</u>	CUSTOMER: <u>Vine Schrepel</u>
	<u>C. Baldia</u>	SIGNATURE: _____
	SIGNATURE	DATE: <u>3-27-91</u>



P.O. Box 4442
Houston, Texas 77210

15-007-22358-0000

CEMENTING LOG PAGE NO. CONFIDENTIAL

ORIGINAL

Date 3-16-91 District 584 Ticket No. 636574
 Company F&T INC. Rig ALLEN #5
 Lease HALL Well No. 2-F
 County DARWIN State KANS
 Location UNION CHAPEL CHURCH Field _____
1/2 - 1/4 - 1/2 - 1 W/S INTO

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8 Type NEW Weight 24 Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 - 7 7/8 T.D. 900 - 1200 ft. RB to 323 ft.
 CAPACITY FACTORS: SET AT

Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.7
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA: Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time _____ hrs. Type 35-65-6
3% A7P Excess _____
 Amt. 110 Sks Yield 1.58 ft³/sk Density 13.7 PPG _____
 TAIL: Pump Time _____ hrs. Type CLASS A
3% A7P - 20% G5L Excess _____
 Amt. 75 Sks Yield 1.34 ft³/sk Density 15.2 PPG _____
 WATER: Lead 7.9 gals/sk Tail 6.4 gals/sk Total _____ Bbls.

Pump Trucks Used BJ 1492-60
 Bulk Equip. 3502906-3506985 CB

Float Equip: Manufacturer UNWEATHERFORD - BASKET
 Shoe: Type OPEN END Depth 323
 Float: Type BAFFLE PLATE Depth 278
 Centralizers: Quantity 1 Plugs Top Btm. _____
 Stage Collars _____
 Special Equip. BASKET - 80'
 Disp. Fluid Type FRESH H₂O Amt. 18 Bbls. Weight 8.3 PPG _____
 Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE VANCE SCHEPPEL

CEMENTER NEAL RUPP

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
9:30						TOP of SAFETY PROCEDURE
11:00						RUN 8 5/8 TO 313'
11:15						LAST ST & LANDING IT CONC. DOWN
11:30						REG UP ON CASING
11:35	250			31.0	8	BREAK CIRCULATION & CIRCULATE
	200			18.0	6	REG UP RESCHARGE TO PUMP TRK
11:42			49			START LEAD
						START TAIL
	150			15	3	SHUT DOWN
11:50	200		18	3		RELEASE PLUG START DISP
12:00	0					GMT TO SURFACE
						BUMP PLUG
						SHUT IN - BLEED PST
						CIRCULATED Apr. 10 5X
						RELEASED
						RECEIVED
						STATE COMMISSION
						4-4-91
						APR 14 1991
						FROM CONFIDENTIAL
						REGISTRATION DIVISION
						WARRANT NUMBER



15-007-22358-0000

LOAD SHEET

ORIGINAL

JOB NUMBER 500982	CONTRACT NUMBER 636571	DATE 3-15-91	DISTRICT NAME Med. Judge, Ks
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CUSTOMER NAME AND ADDRESS P-I. Inc	DIRECT SHIPMENT FROM VENDOR NAME
CONFIDENTIAL	

Item No.	Part Number	Description	UNIT OF MEASURE	AMOUNT LOADED	DIRECT SHIPPED	AMOUNT RETURNED
FRONT CAN						
1	410504	Class A	Q	72		
2	415018	Fly Ash	Q	38		
3	420145	BJ Gel	L	574		
4	415018	A7P	L	287		
5						
6						
7						
REAR CAN						
9	410504	Class A	Q	75		
10	420145	BJ Gel	L	141		
11	415018	A7P	L	212		
12						
13	430636	8 5/8 PLASTIC CORE PLUG	E	1		
14						
15						
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19						
20	RELEASED					
21						
22	MAY 20 1992					
23	FROM CONFIDENTIAL					
24						
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4-4-91
APR 04 1991
CONSERVATION DIVISION
WICHITA, KANSAS

COPY 1 - DISTRICT COPY COPY 2 - CUSTOMER COPY COPY 3 - HOUSTON	LOADED BY: <u>J. K. Kelly</u> <small>PRINTED</small>	CUSTOMER: <u>[Signature]</u> <small>SIGNATURE</small>
	<u>[Signature]</u> <small>SIGNATURE</small>	DATE: <u>3-16-91</u>