

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

ORIGINAL

API NO. 15-179-21, ~~506056~~ 15-179-21056-0000

County Sheridan  
100' N of \_\_\_\_\_ E  
S/2 NE - NE - \_\_\_\_\_ Sec. 23 Twp. 9S Rge. 26 X W

Operator: License # 9482

Name: National Petro. Reserves, Inc.

Address 250 N. Rock Rd., Ste. #340

City/State/Zip Wichita, KS 67206

Purchaser: \_\_\_\_\_

Operator Contact Person: Ted C. Bredehoff

Phone (316) -681-3515

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Dan DeBoer

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back \_\_\_\_\_ PBTD  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

10/23/92 10/29/92  
Spud Date Date Reached TD Completion Date

3400<sup>4390</sup> Feet from S/M (circle one) Line of Section  
660 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Pfeifer Well # 6

Field Name EPLER

Producing Formation DRY NOV 1 8

Elevation: Ground 2646' KB 2651'

Total Depth 4170' PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 278 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT 2 12-15-92 AD  
(Data must be collected from the Reserve Pit)

Chloride content 9,000 ppm Fluid volume 110 bbls

Dewatering method used Dehydration

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. DEC 2 2 1994 Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_  
FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 [Signature]  
Title President Date 11-18-92

Subscribed and sworn to before me this 18 day of November, 19 92.

Notary Public Susan E Bredehoff

Date Commission Expires 5-13-93

SUSAN E. BREDEHOFF  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 5-13-93

RECEIVED  
K.C.C. OFFICE USE ONLY  
STATE CORPORATION COMMISSION

F  Letter of Confidentiality Attached  
C  Wireline Log Received 11-19-92  
C  Geologist Report Received NOV 9 1992

✓ Distribution  
KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGP/OPM \_\_\_\_\_  
KGS \_\_\_\_\_ Plug Material \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

Operator Name National Petro. Reserves, Inc. Lease Name Pfeifer Well # 6

Sec. 23 Twp. 9S Rge. 26  East  West  
 County Sheridan

**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  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	2305 +356	
Base/A	2340 +316	
Heebner	3870 -1214	
Lansing	3912 -1256	
Base/K.C.	4137 -1481	

List All E.Logs Run: Radiation Guard log  
 DST #1 3941-61 30-30-20-20 Rec: 180' watery mud, GSO in tool ISIP 234 FSIP 200 F.P.'s 66-78 78-89

DST #2 4052-4090 15-15-15-15 Rec: 15" mud show oil in tool ISIP 78 FSIP 78 FP's 55-55, 66-66  
 DST #3 4094-4120 20-20-20-20 Rec: 5" mud ISIP 66 FSIP 66 FP's 66-66, 66-66

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
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
Surface	12 1/4"	8 5/8"	20#	272'	stndrd.	180	2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

**TUBING RECORD** Size   Set At   Packer At   Liner Run  Yes  No

Date of First, Resumed Production, SWD or In]   Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) D&A

Production Interval

EMPHASIS OIL OPERATIONS

P. O. BOX 506  
RUSSELL, KS 67665

ORIGINAL

NOV 10 8 ...

CONFIDENTIAL

DRILLERS LOG

OPERATOR: National Petroleum Reserves, Inc.  
250 N. Rock Rd., Suite #340  
Wichita, Kansas 67206

CONTRACTOR: Emphasis Oil Operations  
Box 506  
Russell, KS 67665

LEASE: Pfeifer

WELL #6

LOCATION: <sup>100</sup> <sup>52</sup> <sup>KCC</sup>  
~~70~~ N of ~~SE~~ NE NE  
Section 23-9S-26W  
Sheridan County, Kansas

LOGGERS TOTAL DEPTH: 4168'

ROTARY TOTAL DEPTH: 4170'

COMMENCED: 10/23/92

CASING: 8-5/8" @ 278' w/185 sks cement

ELEVATION: 2651' K.B.

COMPLETED: 10/29/92

STATUS: Dry Hole

RELEASED

DEC 22 1994

FROM CONFIDENTIAL

DEPTHS & FORMATIONS


(All measurements from K.B.)

Dakota Sand	1205'	Shale	3235'
Shale	1255'	Shale & Lime	3750'
Cedar Hills	1910	Lime & Shale	3954'
Shale	2083'	Lime	4015'
Anhydrite	2307'	Shale & Lime	4095'
Shale	2347'	R.T.D.	4170'
Shale & Sand	2915'		

STATE OF KANSAS )  
                          ) ss  
COUNTY OF RUSSELL)

Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

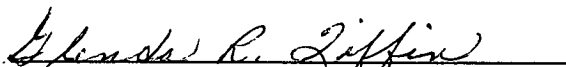
STATE OF KANSAS RECEIVED  
REGISTRATION COMMISSION  
NOV 19 1992  
DIVISION  
Wichita, Kansas

  
Kyle B. Branum

Subscribed and sworn to before me on November 2, 1992.

My commission expires: February 6, 1996.

GLEND A. R. TIFFIN  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 2-6-96

  
Glenda R. Tiffin, Notary Public



HALLIBURTON SERVICES

A Halliburton Company

INVOICE

12/2/92

INVOICE NO.	DATE
222600	10/23/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
PFIEFER 6		SHERIDAN		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		EMPHASIS		CEMENT SURFACE CASING		10/23/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
623541	JACK D. FOX			COMPANY TRUCK		41901

ORIGINAL

DIRECT CORRESPONDENCE TO:

NATIONAL PETROLEUM RESERVES  
250 N. ROCK RD.  
SUITE 340  
WICHITA, KS 67206

NOV 18

CONFIDENTIAL

FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - EASTERN AREA1 MILEAGE	45	MI	2.60	117.00
		1	UNT		
001-016	CEMENTING CASING	280	FT	475.00	475.00
		1	UNT		
030-503	CMTG PLUG LA-11,CP-1,CP-3, TOP	8 5/8	IN	90.00	90.00
		1	EA		
504-308	STANDARD CEMENT	111	SK	7.14	792.54 *
506-105	POZMIX A	5476	LB	.054	295.70 *
506-121	HALLIBURTON-GEL 2%	3	LB	.00	N/C *
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	26.50	159.00 *
500-207	BULK SERVICE CHARGE	197	CFT	1.15	226.55 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	375.53	TMI	.80	300.42 *
INVOICE SUBTOTAL					2,456.21
DISCOUNT-(BID)					491.23
INVOICE BID AMOUNT					1,964.98
*-KANSAS STATE SALES TAX					69.55
*-DECATUR COUNTY SALES TAX					14.19
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,048.72

RELEASED

DEC 2 2 1994

FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

NOV 19 1992

EVALUATION DIVISION  
Wichita, Kansas

TERMS 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.



REMIT TO:  
 P.O. BOX 951046  
 DALLAS, TX 75395-1046

**HALLIBURTON SERVICES**

INVOICE

A Halliburton Company

INVOICE NO.	DATE
222565	10/28/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
PFEIFER 6		SHERIDAN		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
ÖBERLIN		EMPHASIS		PLUG TO ABANDON		10/28/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE NO.
623541	JACK D. FOX			COMPANY TRUCK		41980

**ORIGINAL**

NATIONAL PETROLEUM RESERVES  
 250 N. ROCK RD.  
 SUITE 340  
 WICHITA, KS 67206

DIRECT CORRESPONDENCE TO:  
 FIRST OKLAHOMA TOWER  
 210 WEST PARK AVENUE  
 SUITE 2050  
 OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
<b>PRICING AREA - EASTERN AREA 1</b>					
000-117	MILEAGE	45	MI	2.60	117.00 *
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	395.00	395.00 *
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	90.00	90.00
		1	EA		
090-928	MISCELLANEOUS PUMP JOB-ADD HRS	2	HR	130.00	260.00 *
		1	TRK		
504-308	STANDARD CEMENT	114	SK	7.14	813.96 *
506-105	POZMIX A	5605	LB	.054	302.67 *
506-121	HALLIBURTON-GEL 2%	3	LB	.00	N/C *
507-277	HALLIBURTON-GEL BENTONITE	7	SK	14.75	103.25 *
507-210	FLOCELE	25	LB	1.30	32.50 *
500-207	BULK SERVICE CHARGE	206	CFT	1.15	236.90 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	389.8	TMI	.80	311.84 *
<b>INVOICE SUBTOTAL</b>					<b>2,663.12</b>
<b>DISCOUNT - (BID)</b>					<b>532.61</b>
<b>INVOICE BID AMOUNT</b>					<b>2,130.51</b>
*--KANSAS STATE SALES TAX					100.86
*--DECATUR COUNTY SALES TAX					20.59
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>\$2,251.96</b>

**RELEASED**

DEC 22 1994

FROM CONFIDENTIAL

RECEIVED

NOV 19 1992

*William E. Brubaker*  
 5-17-93

**TERMS** 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.