

ORIGINAL

SIDE ONE

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

Operator: License # 9482

Name: National Petro. Reserves, Inc.

Address 250 N. Rock Rd., #340

City/State/Zip Wichita, KS 67206

Purchaser: _____

Operator Contact Person: Ted Bredehoft

Phone (316) -681-3515

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Craig Caulk

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

10-31-90
OCT 31 1990

9/20/90 9/30/90 10-16-90

Spud Date Date Reached TD Completion Date

API NO. 15- 179-20,968-0000

County Sheridan

50' E of _____ East
SW NE SE Sec. 23 Twp. 9S Rge. 26 West

1650 Ft. North from Southeast Corner of Section

940 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

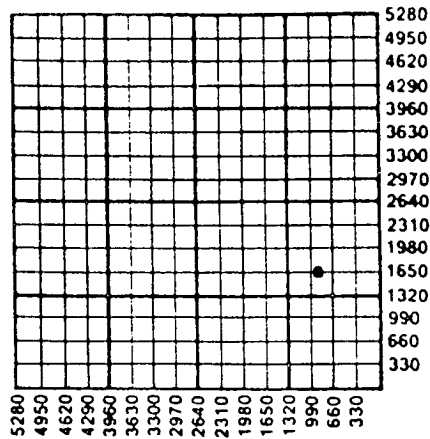
Lease Name Epler Well # 1

Field Name Unnamed new discovery

Producing Formation Lansing-Kansas City 200' zone

Elevation: Ground 2645' KB 2650'

Total Depth 4155' PBDT 4155



Amount of Surface Pipe Set and Cemented at 250 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2305 Feet

If Alternate II completion, cement circulated from 2305'

feet depth to surface w/ 350 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.

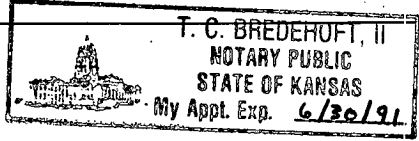
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Ted Bredehoft
Title President Date 10/24/90

Subscribed and sworn to before me this 24 day of October, 19 90.

Notary Public T.C. Bredehoft, II

Date Commission Expires 6/30/91



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name National Petro. Reserves, Inc. Lease Name Epler Well # 1

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.)

Formation Description		
Name	Top	Bottom
Anhydrite	2291	+364
B/Anhydrite	2328	+327
Topeka	3650	-995
Heebner Sh.	3860	-1205
Toronto	3882	-1227
Lansing	3900	-1245
Base/K.C.	4129	-1474
RTD	4159	-1504

Log Sample

DST 1 TOR. 3858-92 (20 15 0 0) rec. 65' mud
 ISIP 108 IFP 79-65 FSIP&FFP not run
 DST 2 LKC 3909-50 (30 30 30 30) rec. 60' GIP
 60' MO 50' OCM ISIP 1152 FSIP 1145 FP's 72-95
 DST 3 LKC 3970-79 (15 15 0 0) rec. 30' of
 mud with GSO in tool ISIP 189 IFP 21-31
 DST 4 LKC 4000-36 (30 30 30 30) rec. 30' OCM
 ISIP 1237 FSIP 1123 FP's 73-52 73-63

DST #5
 LKC 4035-4103(30 30 45 60)rec. 2325'GIP 455'CGO
 ISIP 1296 FSIP 1339 FP's 72-108 144-210

CASING RECORD New 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#	250'	common	165	3%gel
Production	7 7/8"	4 1/2"	10.5#	4169'	Hal. Light	350	flocele,salt

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3	4,093'-4,098'	1500 gal. 15% NE Acid	4093-98

TUBING RECORD Size 2 3/8" Set At 4132' Packer At none Liner Run Yes No

Date of First Production 10-16-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Tstm	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	117					0			33

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

ORIGINAL

15-179-20968-0000

EMPHASIS OIL OPERATIONS

P. O. BOX 506
RUSSELL, KS 67665

DRILLERS LOG

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

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Epler

WELL #1

LOCATION: 50' E SW NE SE
Section 23-9S-26W
Sheridan County, Kansas

LOGGERS TOTAL DEPTH: 4159'

ROTARY TOTAL DEPTH: 4155'

ELEVATION: 2650' K.B.

COMMENCED: 9/20/90

COMPLETED: 9/30/90

CASING: 8-5/8" @ 250' w/165 sks cement
4-1/2" @ 4153' w/149 sks EA2 (first stage)
200 sks plus 150 sks HDL (second stage)
DV Tool @ 2305'

STATUS: Oil Well

OCT 31 1990

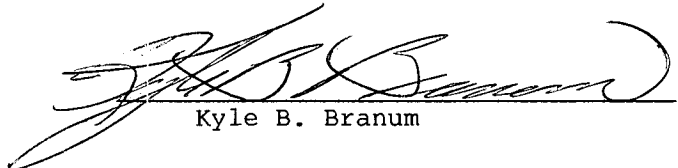
DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil and Shale	110'	Anhydrite	2293'
Dakota Sand	1123'	Shale	2333'
Red Bed	1168'	Topeka	3648'
Cedar Hills	1400'	Lansing-Kansas City	3896'
Red Bed	2170'	R.T.D.	4155'

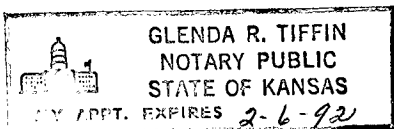
STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)


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.


Kyle B. Branum

Subscribed and sworn to before me on October 2, 1990.

My commission expires: February 6, 1992.




Glenda R. Tiffin, Notary Public

ORIGINAL



15-179-20968-0000 REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

HALLIBURTON SERVICES

INVOICE

10/25/90

A Halliburton Company

INVOICE NO.	DATE
904188	09/20/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
EPLER 1		SHERIDAN		KS	NATIONAL PETROLEUM	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
OBERLIN		EMPHASIS DRLG.	CEMENT SURFACE CASING		09/20/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE	
623541	J. COLLER			COMPANY TRUCK	0190	

DIRECT CORRESPONDENCE TO:

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

SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	53	MI	2.35	124.55
		1	UNT		
001-016	CEMENTING CASING	250	FT	440.00	440.00
		1	UNT		
030-503	CMTG PLUG LA-11,CP-1,CP-3, TOP	8 5/8	IN	59.00	59.00
		1	EA		
504-308	STANDARD CEMENT	102	SK	5.45	555.90
506-105	POZMIX A	68	SK	2.88	195.84
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	25.75	103.00
500-207	BULK SERVICE CHARGE	178	CFT	1.10	195.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	403.86	TMI	.75	302.90
	INVOICE SUBTOTAL				1,976.99
	DISCOUNT-(BID)				494.23
	INVOICE BID AMOUNT				1,482.76
	*-KANSAS STATE SALES TAX				43.14
	*-DECATUR COUNTY SALES TAX				10.15
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$1,536.05

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.

ORIGINAL



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

INVOICE

Camp
11/2/90

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
904192	09/28/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
EPLER 1		SHERIDAN		KS	NATIONAL	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
OBERLIN		EMPHASIS DRLG		CEMENT PRODUCTION CASING		09/28/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA		FILE #
623541	BILL LUCK			COMPANY TRUCK		0242

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

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	45	MI	2.35	105.75
007-013	MULT STAGE CEMENTING-1ST STAGE	4157	FT	1,200.00	1,200.00
001-016	MULT STAGE CEMENTING-ADD STAGE	1	UNT	950.00	950.00
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	950.00	950.00
26	INSERT VALVE F. S.- 4 1/2"	1	UNT	216.00	216.00
847.6316	FILL-UP UNIT 4 1/2"-5"	1	EA	27.50	27.50
27	CENTRALIZER 4-1/2" MODEL S-4	7	EA	41.00	287.00
815.19111	MULT STAGE CMTR-4-1/2 8RD	1	EA	2,350.00	2,350.00
40	PLUG SET 4 1/2"	1	EA	330.00	330.00
807.93004	CEMENT BASKET 4 1/2"	1	EA	85.00	85.00
71	HALLIBURTON WELD-A	1	EA	11.00	11.00
813.80100	SUPER FLUSH	11	SK	74.00	814.00
75	SALT	100	LB	.10	10.00
812.0112	STANDARD CEMENT	140	SK	6.75	945.00
320	CAL SEAL	7	SK	19.70	137.90
800.8881	SALT	607	LB	.10	60.70
350	D-AIR 1, POWDER	36	LB	2.55	91.80
890.10802	HALAD-322	67	LB	5.75	385.25
018-317	STANDARD CEMENT	98	SK	6.75	661.50
509-968	POZMIX A	52	SK	3.50	182.00
504-308	HALLIBURTON-GEL 2%	3	SK	.00	N/C
508-127	HALLIBURTON-GEL BENTONITE	11	SK	13.75	151.25
509-968	ECONOLITE	260	LB	.90	234.00

OCT 31 1990

***** CONTINUED ON NEXT PAGE *****

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ORIGINAL



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

HALLIBURTON SERVICES ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO.	DATE
904192	09/28/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
EPLER 1		SHERIDAN		KS	NATIONAL
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE			TICKET DATE
OBERLIN	EMPHASIS DRLG	CEMENT PRODUCTION CASING			09/28/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE #
623541	BILL LUCK			COMPANY TRUCK	0247

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

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
507-210	FLOCELE	38	LB	1.30	49.40
504-316	HALLIBURTON LIGHT W/STANDARD	200	SK	6.10	1,220.00
507-210	FLOCELE	50	LB	1.30	65.00
500-207	BULK SERVICE CHARGE	550	CFT	1.10	605.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	1072.53	TMI	.75	804.40
INVOICE SUBTOTAL					11,979.45
DISCOUNT-(BID)					2,395.89
INVOICE BID AMOUNT					9,583.56
*-KANSAS STATE SALES TAX					300.53
*-DECATUR COUNTY SALES TAX					70.72
OCT 31 1990					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$9,954.81

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