

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 9482  
Name: National Petroleum Reserves, Inc.  
Address: 250, N. Rock Rd. Ste 130  
City/State/Zip: Wichita, KS 67206  
Purchaser: EOTT  
Operator Contact Person: Ted C Bredehoft  
Phone: (316) 681-3515  
Contractor: Name: Mallard, JV  
License: \_\_\_\_\_

Well Geologist: Craig Caulk  
Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

1-10-96    1-17-96    2-5-96  
Spud Date or    Date Reached TD    Completion Date or  
Re-completion Date    Re-completion Date

API No. 15-179-210800000  
County: Sheridan  
100' N. C SW/4 Sec. 24 Twp. 9 S. R. 26  East  West  
1420' feet from S / N (circle one) Line of Section  
1320' feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Epler 'A' Well #: 2  
Field Name: Epler

Producing Formation: Lansing-K.C.  
Elevation: Ground: 2649 Kelly Bushing: 2654  
Total Depth: 4145 Plug Back Total Depth: 4118  
Amount of Surface Pipe Set and Cemented at 305 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2298' Feet  
If Alternate II completion, cement circulated from 2298  
feet depth to surface w/ 485 sx cm.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 3,000 ppm Fluid volume 200 bbls  
Dewatering method used dehydration  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: 7/27/00

Subscribed and sworn to before me this 27<sup>th</sup> day of July, 2000.

Notary Public: [Signature]  
Date Commission Expires: \_\_\_\_\_  
**SUSAN E. BREDEHOFT**  
**NOTARY PUBLIC**  
**STATE OF KANSAS**  
My Appt. Exp. 5-13-2001

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

68952

Operator Name: National Petroleum Reserves, I. Lease Name: Epler 'A' Well #: 2  
 Sec. 24 Twp. 9 S. R. 26  East  West County: Sheridan

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2294 +360
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3861 -1207
List All E. Logs Run:	R.A.G. Log n/a Bond Log	Lansing	3900 -1246
		Base/K.C.	4126 -1472
		T.D.	4145

CASING RECORD <input 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	# Sacjs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#	308'	40/60 P.	195	2% gel
Prod.	7 7/8"	4 1/2"	10.5#	4144'	EA-2	80/470	3%cc/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 <i>(Amount and Kind of Material Used)</i>		Depth
4	4092-98	450 gal	15% MCA	
4	4056-59	"	"	
4	4028-33	"	"	
4	4038-40	"	"	

TUBING RECORD		Size 2 3/8"	Set At 4112	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 2/7/96			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 71	Gas Mcf Tstm	Water Bbls. 12	Gas-Oil Ratio	Gravity 32

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
*(If vented, Sumit ACO-18.)*  Other (Specify) \_\_\_\_\_

EPLER A #2 D.S.T.s

<b>DST # 1</b>
<b>3916 - 3935</b>
15. 15. 15. 15
IFP: INVALID
ISIP: 386 ?
FFP: 198. 176
FSIP: 364
Hit bridge 18' off btm, tool opened 4 times before it found btm.
<del>RECOVERED</del>
250' drilling mud, with very slight show oil on top tool.
<b>DST # 2</b>
<b>3914 - 3935</b>
30. 30. 30. 30
IFP: 44-88
ISIP: 364
FFP: 88-110
FSIP: 364
<del>RECOVERY</del>
100' MW, 30' MUD
<b>DST # 3</b>
<b>3937 - 3950</b>
15. 15. 15. 15
IFP: 44. 44
ISIP: 154
FFP: 44. 44
FSIP: 154
<del>RECOVERY</del>
30' GAS IN PIPE 3' CLEAN OIL 30' HEAVY DILUT MUD 20% OIL, 80% MUD

.37

.37

.50

<b>DST # 4</b>
<b>3952 - 3980</b>
30. 30. 30. 30
IFP: 77-187
ISIP: 1068
FFP: 178. 232
FSIP: 1057
<del>RECOVERY</del>
2' CO 100' SLI OIL MW 100' V. SLI MW WITH SLIGHT SHOW OIL 200' WATER W/ SLIGHT SHOW OIL
<b>DST # 5</b>
<b>4012 - 4040</b>
15. 15. 30. 30
IFP: 66. 44
ISIP: 77
FFP: 44. 55
FSIP: 243
<del>RECOVERY</del>
30' DRILG MUD NO SHOWS OIL OR GAS

.90

.140

<b>DST # 6</b>
<b>4082 - 4112</b>
30. 30. 30. 30
IFP: 55-66
ISIP: 364
FFP: 66-66
FSIP: 342
<del>RECOVERY</del>
2" CLEAN OIL 60' OIL SP. MUD

.200