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

API NO. 15-.....109-20,457.....
County.....Logan.....
SW NW NE Sec. 25 Twp. 11 Rge. 33 ~~XXX~~ X West

9482
Operator: License #
Name National Petroleum Reserves, Inc.
Address 260 N. Rock Rd., Ste. 215
Wichita, KS 67206
City/State/Zip

4290
2310
..... Ft North from Southeast Corner of Section
..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser.....

Lease Name.....Ehrlich.....Well #.....1.....
Field Name.....Cook Southeast.....

Operator Contact Person Ted C. Bredehoft
Phone 316/681-3515

Producing Formation.....
Elevation: Ground.....3109.....KB.....3114.....

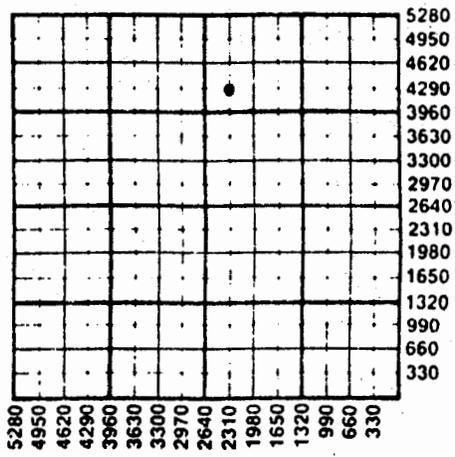
Contractor: License #5864.....
Name Lobo Drilling Company.....

Wellsite Geologist Howell Crenshaw
Phone (316) 832-0870

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If ONNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth.....

Section Plat



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Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

4-27-88..... 5-6-88..... 5-16-88.....
Spud Date Date Reached TD Completion Date
4695'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 387 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water: Water well
Division of Water Resources Permit #...T88-216.....
 Groundwater 4290 Ft North from Southeast Corner
(Well) 2310 Ft West from Southeast Corner of
Sec 25 Twp 11 Rge 33 East X West
 Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West
 Other (explain).....
(purchased from city, R.W.D. #)

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. 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 *Susan E. Bredehoft*

Title President/Treasurer Date 8/4/88

Subscribed and sworn to before me this 4th day of August 1988

Notary Public *Susan E. Bredehoft*

Date Commission Expires.....

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
SEP 06 1988

SUSAN E. BREDEHOFT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 5-13-89

Sec 85 Twp 11 Rge 33 W

SIDE TWO

Operator Name National Petroleum Reserves, Inc. Lease Name Ehrlich Well # 1

Sec 25 Twp 11 Rge 33 East West Logan County

WELL LOG

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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No

Formation Description
[] Log [X] Sample

LANSING (4160-4170) Limestone, light gray, finely crystalline, fossiliferous, pin point, vugular and fossil moldic porosity, spotty brown stain trace odor, good show of free oil
DST #1 (4150-4193); 30-30-45-45; 1st opening-built to 8"; 2nd opening-built to 10"; recovery 90 ft mud w/oil spots; 360 ft water; SIP 1237-1226; FP 58-105; 128-198; BHT 130°
LANSING (4316-4322) Limestone, light gray, fossiliferous, scattered fossil moldic porosity, spotty brown stain, no odor, trace show of free oil.
JOHNSON ZONE (4631-4637); Limestone, light gray, fossiliferous, chalky in part, scattered porosity, trace spotty brown stain, no odor no show of free oil.

Table with 3 columns: Name, Top, Bottom. Rows include Heebner, Toronto, Lansing, Stark, Base/KC, Marmaton, Pawnee, UpperCherokee, LowerCherokee, Johnson Zone, Mississippiian.

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. Row 1: Surface Pipe, 12 1/2", 8.5/8", 24#, 387', 60/40 Poz, 220, 2% Gel, 3% C.C.

PERFORATION RECORD and Acid, Fracture, Shot, Cement Squeeze Record. Columns: Shots Per Foot, Specify Footage of Each Interval Perforated, (Amount and Kind of Material Used), Depth.

TUBING RECORD Size Set At Packer at Liner Run [] Yes [] No

Date of First Production Producing Method [] Flowing [] Pumping [] Gas Lift [] Other (explain)

Table with 6 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row 1: Estimated Production Per 24 Hours, Bbls, MCF, Bbls, CFPB.

METHOD OF COMPLETION Production Interval

Disposition of gas: [] Vented [] Sold [] Used on Lease [] Open Hole [] Other (Specify) [] Perforation [] Dually Completed [] Commingled

DRILLERS WELL LOG

25-11-33W

DATE COMMENCED: April 27, 1988

National Petroleum Reserves, Inc.
EHRlich #1
SW NW NE
Sec. 25-11-33W
Logan County, KS

DATE COMPLETED: May 6, 1988

0 - 162'	Sand & Clay
162 - 1940'	Shale
1940 - 2307'	Shale & Lime
2307 - 2612'	Lime & Shale
2612 - 2638'	Anhydrite
2638 - 2645'	Lime
2645 - 3662'	Lime & Shale
3662 - 3838'	Lime
3838 - 4193'	Lime & Shale
4193 - 4194'	Lime
4194 - 4440'	Lime & Shale
4440 - 4695'	Lime
4695'	RTD

Surface Pipe: Set used 8 5/8" pipe, 24# at 387' with 220 sx 60/40 Poz, 3% C.C., 2% Gel.

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AUG - 5 1988

CONSERVATION DIVISION
Wichita, Kansas

A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

Ervin Neighbors of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Ervin Neighbors
Ervin Neighbors

SUBSCRIBED AND SWORN to before me this 12 day of May, 1988.

Dorothy M Hague
Notary Public

