

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. 15-193-20-467-0000
County... Thomas
NE.. SW.. NW.... Sec. 32. Twp. 10. Rge. 31. East
X West

Operator: License # 9482
Name National Petroleum Reserves, Inc.
Address 260 North Rock Road
Suite 215
City/State/Zip Wichita, KS 67206

3630 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser

Lease Name Miller Trust Well # 1
Field Name WILD CAT

Operator Contact Person Ted C. Bredehoff
Phone (316) 681-3515

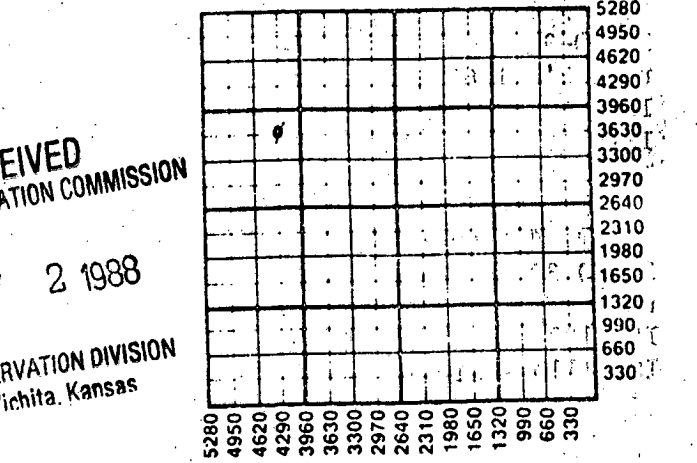
Producing Formation XXX

Contractor: License # 5864
Name Lobo Drilling Company

Elevation: Ground 2991 KB 2996
Section Plat

Wellsite Geologist Dan DeBoer
Phone 918-225-2620

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



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water: T 88-510
Division of Water Resources Permit #
XX Groundwater 3630 Ft North from Southeast Corner
(Well) 4290 Ft West from Southeast Corner of
Sec 23 Twp 10 Rge 31 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. #)

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
10-13-88 10-19-88 10-19-88
Spud Date Date Reached TD Completion Date
4640'
Total Depth PBSD
Amount of Surface Pipe Set and Cemented at 305 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name
Invoice # AT 41 D & A

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CONSERVATION DIVISION
Wichita, Kansas

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 [Signature]
Title Pres / Treas Date 10/31/88

Subscribed and sworn to before me this 31 day of October 1988
Notary Public Susan E. Bredehoff

Date Commission Expires 5-13-89

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)
11-2-88
Form ACO-1 (5-86)

Sec 23 Twp 10 Rge 31 W

Operator Name **National Petroleum Reserves, Inc** Lease Name **Miller Trust** Well # **1**

Sec. **32** Twp. **10** Rge. **31** East West County **Thomas**

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

D.S.T. # 1 LKC 4088-4130
 30-60-30-60
 rec: 3' oil, 60' mud, 540' s.w.
 IFP 74-212 FFP 255-319
 ISIP 1204 FSIP 1194

Name	(Top)	Bottom
Topeka	3762 (-766)	
Heebner	3992 (-996)	
Toronto	4010 (-1014)	
Lansing	4029 (-1033)	
Base/K.C.	4311 (-1315)	
Marmaton	4339 (-1343)	
Pawnee	4435 (-1439)	
Ft. Scott	4502 (-1506)	
Cherokee	4533 (-1537)	
Mississippian	4616 (-1620)	

D.S.T. # 2 Cher. 4540-4640
 30-30-30-30
 rec: 114' mud, and 700' s.w.
 IFP 127-329 FFP 351-393
 ISIP 1109 FSIP 1099

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 Wichita, Kansas

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#	305'	60/40oz.	180	2% gel. 3% CC.
PERFORATION RECORD				Acid, Fracture, Shot, Cement, Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)					
Estimated Production Per 24 Hours		Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity	

METHOD OF COMPLETION

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify)

Dually Completed Commingled

15-193-20467-0000

DRILLER'S WELL LOG

DATE COMMENCED: October 13, 1988

DATE COMPLETED: October 19, 1988

National Petroleum Reserves, I
MILLER TRUST #1
NE SW NW
Sec. 32, T10S, R31W
Thomas County, KS

- 0 - 1207' Sand, Clay, Shale
- 1207 - 2054' Shale, Lime
- 2054 - 2460' Lime, Shale, Red Bed
- 2460 - 2536' Shale, Lime
- 2536 - 2565' Anhydrite
- 2565 - 3147' Lime, Shales
- 3147 - 3450' Lime, Shales, Red Bed
- 3450 - 4130' Shale, Lime
- 4130 - 4312' Lime
- 4312 - 4640' Lime & Shale
- 4640' RTD

Elevation: 2996 K.B.

Surface Pipe: Set 8 5/8",
20# pipe at 305' w/180
sacks 60/40 Pozmix, 2% gel,
2% C.C.

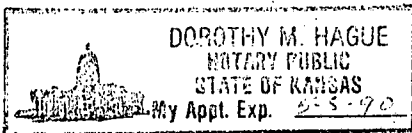
A F F I D A V I T

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 26 day of October, 1988.



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STATE CORPORATION COMMISSION

Dorothy M. Hague
Notary Public

NOV 2 1988

CONSERVATION DIVISION
Wichita, Kansas