

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

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

Purchaser.....

Operator Contact Person Ted c. Bredehoft
Phone 316-681-3515

Contractor: License # 3502
Name Red Tiger Drilling Company

Wellsite Geologist Dan DeBoer
Phone (316) 682-5610

Designate Type of Completion

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

10/7/87	10/19/87	10/20/87
Spud Date	Date Reached TD	Completion Date
4,622'		
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 259.93 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

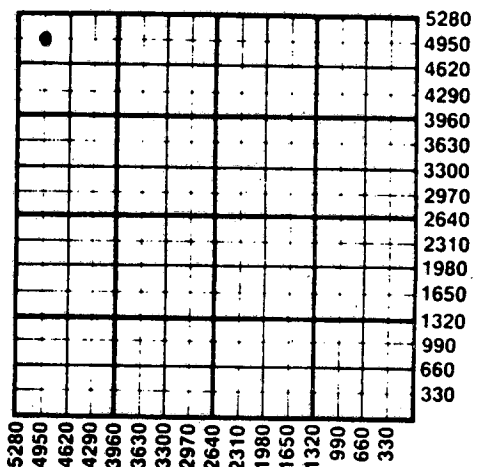
API NO. 15-101-21,413-00-00
County Lane
NW/4 NW/4 NW/4 35 16S 29W East West

4950 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Gill "A" Well # 1
Field Name TERWILLIGER NORTH

Producing Formation.....
Elevation: Ground 2805 KB 2810

Section Plat



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

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T 87-404
 Groundwater 4900 Ft North from Southeast Corner
(Well) 4900 Ft West from Southeast Corner of
Sec 35 Twp 16S Rge 29 East 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 duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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 *Jal Bredehoft*
Title Pres/Treas Date 11-10-87

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

Subscribed and sworn to before me this 10th day of November 1987
Notary Public *Susan E. Bredehoft*

SUSAN E. BREDEHOFT
Date Commission Expires 5-13-89
My Appt. Exp. 5-13-89

NOV 13 1987
11-13-1987
Wichita, Kansas Form ACO-1 (7-84)

Sec 35 Twp 16Rge 29W

SIDE TWO

Operator Name National Petroleum Reserves, Inc. Lease Name Gill "A" Well # 1

Sec. 35 Twp. 16S Rge. 29W East West County Lane

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

	Name	Top	Bottom
G zone Lansing (4090-96)-rare dark brown stain, no odor and no show of free oil.	Anhydrite	2220	
	topeka	3705	
I zone Lansing (4194-98)-rare dark brown stain, no odor, no free oil.	Heebner	3946	
	Toronto	3970	
K zone Lansing (4257-52)-rare spotty dark brown stain, no odor, rare dark brown-black, thick free oil.	Lansing	3980	
	Stark	4235	
	Base/KC	4309	
Lenapah (4332-38)-rare dark brown stain, no odor, no free oil.	Lenapah	4332	
	Marmaton	4353	
Marmaton (4354-74)-rare dark brown stain, no odor, no free oil.	Altamont	4387	
	Pawnee	4419	
Altamont (4387-4414)- occasional light-dark brown free oil in tray, very poor free oil in sample cup, no odor, occasional spotty brown-black stain with rare saturated stain.	Ft. Scott	4475	
	Cherokee	4496	
	Johnson Zone	4536	
	Mississippian	4566	
DST#1 (4333-4410) Lenapah/Marmaton/Altamont; 15-15-15-15; weak 1/2 blow and weak 1/4" blow, flushed tool no help; recovery 20' mud; IFP 78-87; FFP 87-87; SIP 349 Fsip 319.	LTD	4627	
Pawnee (4420-38)-occasional dark brown-black oil stain, no free oil no odor.			
Ft. Scott (4475-96)-scattered free oil in tray, very fair odor when broken, scattered brown stain.			

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#	259.93'	60/40 Poz	170	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	Size	Set At	Packer at	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	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

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

B-101-2413-00-00

SIDE TWO (cont)

Cherokee/Johnson zone (4536-62)-scattered to occasional dark brown free oil fair odor scattered dark brown stain, fair good odor when broken. Sandstone had occasional to abundant black oil stain. No show of free oil or odor.

DST#2 (4460-4560) Ft Scott/Cherokee/Johnson Zone; 30-30-60-45; 1st open weak 3" blow; 2nd open fair 6½" blow; recovery 90' heavily oil cut mud, 30' free oil; IFP 39-39; FFP 58-68; ISIP 1069; FSIP 886.

DST #3(4460-4575, straddle) ft. scott/Cherokee/Johnson Zone; 30-60-60-90; 1st open 2" blow, 2nd open 4" blow; recovery 90' heavily oil cut mud, 20' free oil; IFP 78-78; FFP 116-116; ISIP 1194; FSIP 1107.

Mississippian (4594-4622); no oil show.