

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 North Rock Road, Suite 215
City/State/Zip Wichita, Ks. 67206

Purchaser

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

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Dan DeBoer
Phone (316) 264-2303

Designate Type of Completion

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

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

9/24/87 10/5/87 10/6/87
Spud Date Date Reached TD Completion Date

4610'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 253.13 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. 15-101-21,414-0000

County Lane

NW/4 NW/4 SW/4 Sec. 36 Twp. 16 Rge. 29 East West

2310 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

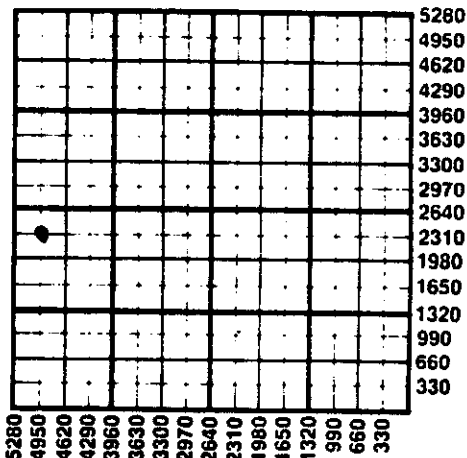
Lease Name Joe Bob James Well # 1

Field Name Terwilliger North

Producing Formation

Elevation: Ground 2796 KB 2797

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 #

Groundwater 4900 Ft North from Southeast Corner
4900 Ft West from Southeast Corner of
Sec 35 Twp 16 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.

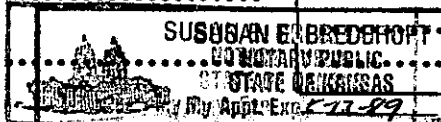
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title President/Treasurer Date 10-26-87

Subscribed and sworn to before me this 26th day of October 1987.
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 28 Other
10-28-87 (Specify)



Sec 36 Twp 16 Rge 29 W

SIDE TWO

Operator Name National Petroleum Reserves, Inc. Lease Name Joe Bob James Well # 1

Sec. 36 Twp. 16 Rge. 29 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.

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Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
J-Lansing/KC (4208-14) light gray-mottled tan, moderately well indurated, microcrystalline, non-argillaceous, occasional fossils and ooids, fair/good oomoldic porosity; rare show of free oil and stain.	Anhydrite 2194	Topeka 3690
K-Lansing/KC (4233-44) cream-light gray, moderately indurated, microcrystalline, fair to good interoolitic, interfossil, intercrystalline porosity. fair odor, good show of free oil in tray, poor show of free oil in sample cup-saturated brown stain.	Heebner 3938	Toronto 3960
DST #1 (4224-50) Lansing/KC-K; 15-15-15-15; 1st open weak blow died; 2nd blow weak blow, tool flushed no help; recovery 10ft mud; IFP 32-32; FFP 32-32; ISIP 465; FSIP 454.	Lansing 3977	Base/KC 4304
L-Lansing/KC (4261-90) cream white tan, moderately well indurated, microcrystalline, non-argillaceous, occasional ooids, fossils, chert, occasionally chalky, poor-fair intercrystalline, interoolitic porosity; scattered pieces free oil, rare show of free oil in cup, rare-to-scattered spotty stain, faint odor.	Lenapah 4327	Marmaton 4348
DST #2 (4256-96) Lansing/KC-L; 15-30-15-30; 1st open weak 1/4" blow; 2nd open weak 1/4" blow; recovery 30' mud; IFP 15-32; FFP 15-32; ISIP 1130; FSIP 830;	Altamont 4386	Pawnee 4419
	Ft. Scott 4410	Cherokee 4496
	Johnson Zone 4535	Mississippian 4575

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#	260	40/60 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				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

SIDE TWO (continued)

Lenapah (4327-36) light gray-cream-tan, moderately well indurated, microcrystalline, occasional coarse crystals, non-slightly argillaceous, poor fair intercrystalline and fracture porosity; light brown free oil in tray, slight odor when broken, poor show of free oil in cup.

Marmaton (4348-59) light gray cream mottled tan, moderately well indurated, occasional coarse crystals, non-slightly argillaceous, poor fair intercrystalline porosity; poor show free oil in cup, faint odor when broken, scattered occasional dark brown stain.

DST #3 (4295-4415); 30-60-45-60; 1st open weak to 3" blow; 2nd blow weak to 3" blow; recovery 120 ft OCM, 60 ft OWCM; IFP 64-75; FFP 97-108; ISIP 1506; FSIP 1034.

Johnson Zone (4535-72); clear white, friable, moderately-well sorted, subangular, occasionally rounded fine grained, occasional calcareous cement; poor-fair intergranular porosity; good show of free oil in tray and cup.

DST #4 (4522-57) Johnson zone; 15-15-15-15; 1st open weak blow died in 5 min; 2nd blow no blow, flushed, no help; IFP 32-32; FFP 32-43; ISIP - 43; FSIP - 43.

RECEIVED
STATE CORPORATION COMMISSION

OCT 28 1937

CORPORATION DIVISION
Wichita, Kansas