

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  
Wichita, Kansas 67206  
City/State/Zip

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

Contractor: license # 5929  
name Lobo Drilling Co.

Wellsite Geologist Michael J. Wreath  
Phone (316) 285 6508

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  
5/26/84 5/31/84 6/22/84  
Spud Date Date Reached TD Completion Date  
3413 -1507 3412  
Total Depth PBD  
Amount of Surface Pipe Set and Cemented at 397 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. 15-009-23-534-0000

County Barton

250'W C/W/2 NE SE Sec 26 Twp 16 Rge 11 West

1980 Ft North from Southeast Corner of Section  
1240 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

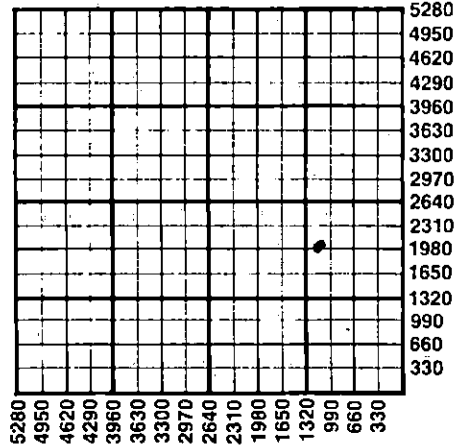
Lease Name HOMOLKA Well# 1

Field Name Kraft-Pruse

Producing Formation Arbuckle

Elevation: Ground 1901 KB 1906

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North From Southeast Corner and  
(Well) Ft. West From Southeast Corner of  
Sec Twp Rge East West  
 Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge East West  
 Other (explain) Howard Frees Farm Pond  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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. Rules 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-11 form with all temporarily abandoned wells.

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 10 1984  
09-19-84  
CONSERVATION DIVISION  
Wichita, Kansas

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 Ted c. Bredehoft  
Title President Date August 22, 1984

Subscribed and sworn to before me this 22nd day of August 1984

Notary Public  
Date Commission Expires 3/28/88

Kimberley Moses-Stevens  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 12/88

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)

Form ACO-1  
(This form supercedes  
previous forms  
ACO-1 & C-10)

Sec. 250'W C/W/2 NE SE Rge. 11

SIDE TWO

Operator Name National Petroleum Reserves, Inc. Lease Name HOMOLKA Well# 1 SEC. 26 TWP. 16 RGE. 11  East  West

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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p><b>Formation Description</b>  <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="0"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>706</td><td>+1200</td></tr> <tr><td>Howard</td><td>2610</td><td>- 703</td></tr> <tr><td>Severy</td><td>2628</td><td>- 722</td></tr> <tr><td>Topeka</td><td>2646</td><td>- 740</td></tr> <tr><td>Heebner</td><td>2938</td><td>-1032</td></tr> <tr><td>Toronto</td><td>2958</td><td>-1052</td></tr> <tr><td>Douglas</td><td>2971</td><td>-1065</td></tr> <tr><td>Brown Lime</td><td>3042</td><td>-1136</td></tr> <tr><td>Lansing</td><td>3064</td><td>-1158</td></tr> <tr><td>Base Kansas City</td><td>3326</td><td>-1420</td></tr> <tr><td>Chert Conglomerate</td><td>3350</td><td>-1444</td></tr> <tr><td>Reworked Arbuckle</td><td>3360</td><td>-1454</td></tr> <tr><td>Arbuckle</td><td>3374</td><td>-1468</td></tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	706	+1200	Howard	2610	- 703	Severy	2628	- 722	Topeka	2646	- 740	Heebner	2938	-1032	Toronto	2958	-1052	Douglas	2971	-1065	Brown Lime	3042	-1136	Lansing	3064	-1158	Base Kansas City	3326	-1420	Chert Conglomerate	3350	-1444	Reworked Arbuckle	3360	-1454	Arbuckle	3374	-1468
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<p>Drillstem Test #1 3217-3256 (rotary)                  3213-3254 (log)                  Testing periods: 30-60-15-30                  Blow: IF: very weak; FF: no blow; Recovered: 15' oil                  spotted mud;                  Pressures: IBHP: 862#; FBHP: 850#; IFP 50-50#;                  FFP: 50-50#; HH: 1706-1706#; Temp. 104°F.</p>																																											
<p>Drillstem Test #2 3370-3383 (rotary)                  3368-3381 (log)                  Testing periods: 30-60-30-60                  Blow: IF: weak, increasing to fair; FF: fair.                  Recovery: 67' free oil; 37° gravity; 124' heavy oil                  cut gassy mud, 78% oil, 12% gas, 5% water,                  5% mud; 62' heavy oil cut mud; 72% oil,                  3% water, 25% mud                  Total recovery was 251' equals: 206' oil;                  15' gas in oil, 8' water, 22' mud                  Pressures: IBHP: 978#; FBHP: 998#; IFP: 68-78#;                  FFP: 108-127#; HH: 1826-1826#; Temp. 106°</p>																																											

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	# sacks used	type and percent additives
Surface	12 1/4"	8 5/8"	20#	397	50/50 Poz.	175	2% gel., 3% cc.
Production	7 7/8"	5 1/2"	14#	3412	5050 Poz.	150	18% salt, 3/4 of 1% GFR2; 20 bbls. salt. flush
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
2	3375 - 3380			1500 gal., 20% SGA acid,			3375-3380
				250 gal., 15% FE. Acid			3375-3380
TUBING RECORD				Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing method					
6/22/84		<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	Gas	Water	Gas-Oil Ratio	Gravity		
	67.76	-0-	5.90		42		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  sold  used on lease

**METHOD OF COMPLETION**

open hole  perforation  other (specify) \_\_\_\_\_

Dually Completed.  Commingled

**PRODUCTION INTERVAL**  
3375-3380