

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. 15-185-22 393-0000
County Stafford
SE SE NE 33 24 15 East
..... Sec..... Twp..... Rge..... XX West

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

..... 2970 Ft North from Southeast Corner of Section
..... 330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser Clear Creek, Inc.

Lease Name DORAN Well # 1

Operator Contact Person Ted C. Bredehoft
Phone 316.681.3515

Field Name Macksville Farmington

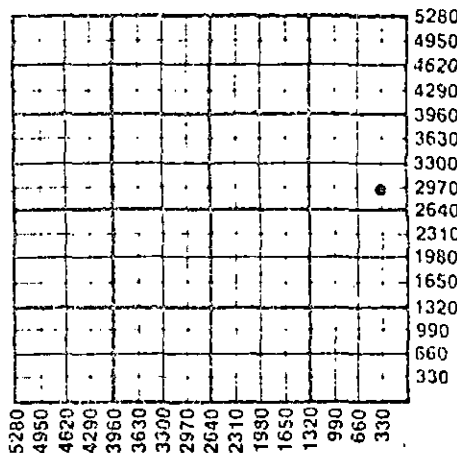
Producing Formation Arbuckle

Contractor License # 9421
Name Boger Bros. Drilling, Inc.

Elevation: Ground 2029 2034 KB

Wellsite Geologist Dan DeBoer
Phone 316-684-6182

Section Plat



Designate Type of Completion
XX New Well Re-Entry Workover
XX Oil SWD Temp Abd
Gas Inj Delayed Comp.
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

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable

11-19-86 11-26-86 12-6-86
Spud Date Date Reached TD Completion Date
4470
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 330 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:
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

XX Surface Water 700 Ft North from Southeast Corner
(Stream, pond etc.) 2970 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 [Signature]
Title President Date 12-31-86

Subscribed and sworn to before me this 31st day of December 1986
Notary Public [Signature] Susan E. Bredehoft
Date Commission Expires 5-13-89

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
C X Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
STATE CORPORATION COMMISSION Plug Other
(Specify)
JAN 6 1987

SUSAN E. BREDEHOFT
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 5/13/89

Rec'd
1-6-87

Sec 33 Twp 24 Rge 15 W

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

Sec. 33 Twp. 24S Rge. 15W East West County Stafford

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

"Uphole" ZONES (2000-3750) "phole" zones, including the Neva, bward, Tarkio, etc. exhibited no significant gas shows. Log analysis also indicated no economic oil/gas production.

LANSING-KC J Zone (3932-46) Limestone, cream to white, moderately indurated, microcrystalline, non-argillaceous, abundant ooids. Good oomoldic porosity with fair interoid porosity. Trace show of free oil in the sample cup; trace show of free oil in tray; scattered light brown stain; slight to fair odor. 45-unit gas show. Log analysis shows 12-39% water saturation, with porosity ranging from 12-26%. This zone should be tested prior to abandonment, based upon log calculations, shows and the results from DST #1.

DST# 1 (3926-47) 30-30-30-30; 1st open gas to surface in 11 min; 2nd open gas to surface; recovery: 65' heavily oil & gas cut mud (22% oil, 15% gas, 3% water, 60% mud); ISIP 977; FSIP 748; IFP 41-41; FFP 41-41

SIMPSON (4383-88) Sandstone, clear to gray, friable, medium to coarse grained, moderately rounded, sub-

Name	Top	Bottom
Heebner	3607	
Douglas	3645	
Brown Lime	3750	
Lansing	3765	
Base/Lansing	4025	
Mississippian	4175	
Viola	4238	
Simpson	4317	
Arbuckle	4389	
TD	4470	

angular to subrounded, moderately sorted slightly dolomitic, slightly argillaceous fair intergranular porosity. Trace show of free oil; very slight odor; no stain 22-unit gas show. Logs show 70-80% water saturation with 15-18% porosity. ARBUCKLE (4388-98) Dolomite, tan, moderately indurated, occasionally well indurated microcrystalline, occasionally medium (c

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#	330'	60-40POZ.	225	2% gel, 3% GF.
Production	7 7/8"	5 1/2"	14#	4469'	60-40POZ.	150	10% salt
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	4386-89			250 gals 15%MCA		4386-89	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
		2 7/8"	4393				
Date of First Production		Producing Method					
12-6-86		<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	
60 bbls				trace		38.8	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 4386-89
 Used on Lease Dually Completed
 Commingled

SIDE TWO (cont) well log

crystalline, non-argillaceous, fair intercrystalline porosity. Fair show free oil in sample cup; good show free oil in tray, fair odor, fair staining. 24-unit gas show. Logs show 45-100% water saturation and 11-13% porosity in the upper 10 ft of the Arbuckle.

DST #2 (4389-91) Simpson-Arbuckle; 30-45-30-60; 1st open weak blow building to strong blow in 20 min; 2nd open strong blow; recovery 225' muddy, gassy oil, 495' gas in pipe; ISIP 1195; FSIP 1174; IFP 83-83; FFP 114-125.

RECEIVED
STATE CORPORATION COMMISSION

JAN 6 1987

CONSERVATION DIVISION
Wichita, Kansas