

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 # 6931  
Name Bowman Oil Company  
Address P.O. Box 17  
City/State/Zip Codell, Kansas 67630

Purchaser

Operator Contact Person  
Phone

Contractor: License # 5665  
Name Pioneer Drilling Company, Inc.

Wellsite Geologist Michael Duvignon  
Phone 913-674-3387

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
12-12-85 12-19-85 1-2-86  
Spud Date Date Reached TD Completion Date  
3855'  
Total Depth PBDT  
8 5/8" @ 208.25'  
Amount of Surface Pipe Set and Cemented at...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 #

API NO. 15-163-22,840-0000  
County Rooks  
SE SE NE Sec 19 Twp 10s Rge 19 East X West  
2970 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

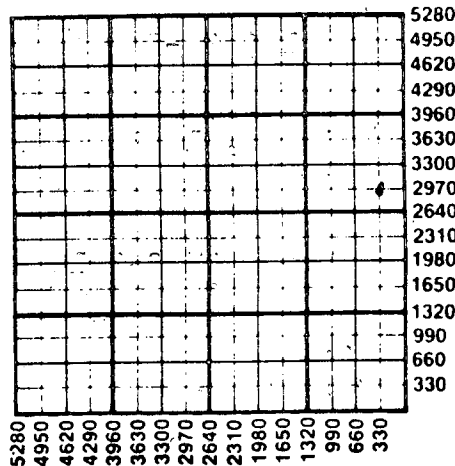
Lease Name Berland Well # 2

Field Name Marcotte

Producing Formation Arbuckle

Elevation: Ground 2211' KB 2216'

Section Plat



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:  
Division of Water Resources Permit #  
 Groundwater...Ft North from Southeast Corner  
(Well) ...Ft West from Southeast Corner of  
Sec Twp Rge East West  
 Surface Water 990 Ft North from Southeast Corner  
460 Ft West from Southeast Corner  
Sec 29 Twp 10 Rge East 19 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 Dennis D. Beaman  
Title Partner Date 1/21/86

Subscribed and sworn to before me this 23 day of January 1986  
Notary Public Vesta J. Russell

Date Commission Expires July 17 - 1988

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 (7-84) RECEIVED  
STATE CORPORATION COMMISSION  
1-24-86  
JAN 24 1986  
CONSERVATION DIVISION

SIDE TWO

Operator Name Bowman Oil Company Lease Name Berland Well # 2

Sec. 19 Twp. 10s Rge. 19  East  West County Rooks

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

Test # 1 3735-3800  
 Tool open 30 min Shut 30 min  
 Weak blow  
 248' mud, 186' Mud cut oil 3%,  
 124' Oil cut mud

Test # 2 3793-3810  
 Open 30 min Shut 30 min  
 Strong blow  
 496' of muddy water  
 558' oil cut water

Name	Top	Bottom
sand and shale	0'	210'
shale and sand	210'	910'
shale and sand	910'	1607'
anhydrite	1607'	1634'
anhydrite	1634'	1648'
shale	1648'	2075'
shale	2075'	2195'
shale	2195'	2255'
shale and lime	2255'	2358'
lime and shale	2358'	2535'
lime and shale	2535'	2543'
lime and shale	2543'	2725'
lime and shale	2725'	2908'
lime and shale	2908'	3150'
lime and shale	3150'	3350'
lime and shale	3350'	3463'
lime and shale	3463'	3555'
lime and shale	3555'	3655'
lime and shale	3655'	3766'
lime and shale	3766'	3800'
ar buckle	3800'	3810'
ar buckle	3810'	3850'
ar buckle	3850'	3855'
	3855'	R.T.D.

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 Casing	12 1/4"	8 5/8"	20#	208.25'	60-40pos	130	2%gel 3%cc
Production	7 7/8"	5 1/2"	14#	3851.57'	60-40pos	125	2%gel 4%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
4			

TUBING RECORD	Size <u>2 7/8</u>	Set At <u>3780</u>	Packer at <u>1700'</u>	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First Production 1/2/86 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	<u>4</u> Bbls	<u>4</u> MCF	<u>140</u> Bbls		<u>2.5</u>

METHOD OF COMPLETION

Production Interval

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

Ar buckle  
3792-3810