

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 # 8925  
Name Liberty Operations & Completions,  
Address 308 West Mill  
City/State/Zip Plainville, Ks 67663

Purchaser.....

Operator Contact Person Charles G. Comeau  
Phone 913-434-4686

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

Wellsite Geologist Kevin E. Adams  
Phone 913-628-6698

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  
3-12-85 3-19-85 3-19-85  
Spud Date Date Reached TD Completion Date  
3775'  
Total Depth PBDT  
Amount of Surface Pipe Set and Cemented at 8 5/8" @ 248' 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. 15-163-22,630-00-00  
County Rooks  
SE SE NE ..... Sec. 19 Twp. 10 S. Rge. 18  East  West

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

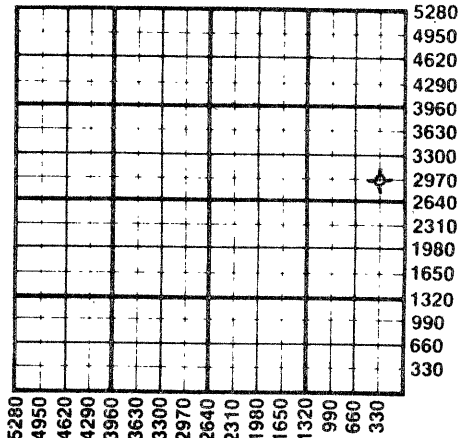
Lease Name Vohs Well #. 1

Field Name.....

Producing Formation.....

Elevation: Ground 2126' 2131' KB.....

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.....Ft North from Southeast Corner (Well) .....Ft West from Southeast Corner of Sec Twp Rge  East  West  
 Surface Water 440 Ft North from Southeast Corner (Stream, pond etc) 2400 Ft West from Southeast Corner Sec 17 Twp 10 Rge 18  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 Charles G. Comeau  
Title Petroleum Geologist Date 3-22-85

Subscribed and sworn to before me this 22nd day of March 1985.  
Notary Public Jolene Garvert  
Date Commission Expires 3-9-88



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 (7-84)  
MAR 26 1985  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 19 Twp. 10 S. Rge. 18 W

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name..... Vohs Well #..... 1

Sec..... 19 Twp..... 10s Rge..... 18  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

DST #1: 3606-3692 "Mis-run" 50-60-30-30. Blow-IF fair, decreasing, FF no blow, flushed, weak return decreasing to dead. No pressures-tool plugged. Rec. 120' drilling mud.

DST #2: 3615-3692/30-30-30-30. Blow-IF strong, slowly decreasing, FF weak, steady. IF 183-209, FF 225-234, Shut-in 342-275. Rec. 380' muddy water.

Log Tops

Anhydrite 1502 (+628)  
 Topeka 3126 (-996)  
 Heebner 3345 (-1215)  
 Toronto 3364 (-1234)  
 Lansing/KC 3386 (-1256)  
 Base/KC 3604 (-1474)  
 Arbuckle 3736 (-1606)

Name	Top	Bottom
shale and sand	0'	250'
shale and sand	250'	1300'
shale and sand	1300'	1509'
anhydrite	1509'	1542'
shale and sand	1542'	1885'
lime and shale	1885'	2165'
lime and shale	2165'	2390'
lime and shale	2390'	2640'
sand	2640'	2805'
lime and shale	2805'	3037'
lime and shale	3037'	3225'
lime and shale	3225'	3340'
lime and shale	3340'	3415'
lime and shale	3415'	3460'
lime and shale	3460'	3544'
lime and shale	3544'	3627'
lime and shale	3627'	3692'
lime and shale	3692'	3709'
lime and shale	3709'	3775'
		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#	248'	60-40pos	150	2%gel 3%cc

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated		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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION

Production Interval

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

