

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, Inc.  
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 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

4-08-85	4-14-85	4-14-85
Spud Date	Date Reached TD	Completion Date
3589'		
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 8 5/8" @ 262' 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

*Wireline Log Rec'd*

14-9-17W

API NO. 15-163-22-651  
County Rooks  
NE SE SW Sec 14 Twp 9S Rge 17  East  West

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

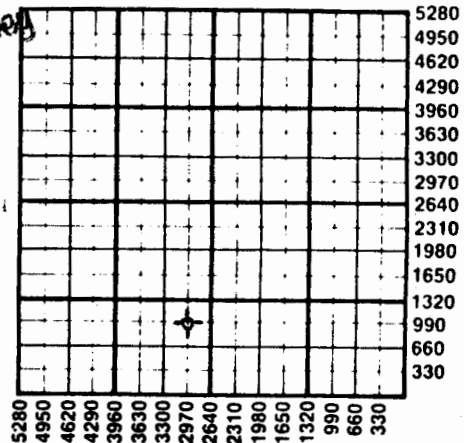
Lease Name Howat Well # 2

Field Name

Producing Formation

Location: Ground 2112' KB 2117'

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: Pond  
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... 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.

59616

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name Howat Well # 2

Sec. 14 Twp. 9s Rge. 17  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: 3512-3545'/30-60-30-60. Blow - IF weak to dead, flushed, no return. FF no blow. IF 42-50, FF 50-50, Shut-in 84-75. Rec. 15' drilling mud.

LOG TOPS

Anhydrite 1374 (+743)  
 Topeka 3009 (-892)  
 Heebner 3227 (-1110)  
 Toronto 3245 (-1128)  
 Lansing/KC 3268 (-1151)  
 Base/KC 3507 (-1390)  
 Arbuckle - -

Name	Top	Bottom
shale and sand	0'	262'
sand and shale	262'	1380'
anhydrite	1380'	1391'
anhydrite	1391'	1416'
shale	1416'	1650'
shale and lime	1650'	1968'
shale and lime	1968'	2225'
shale and lime	2225'	2531'
shale and lime	2531'	2751'
shale and lime	2751'	2840'
shale and lime	2840'	2965'
shale and lime	2965'	3128'
lime and shale	3128'	3255'
lime and shale	3255'	3367'
lime and shale	3367'	3465'
lime and shale	3465'	3524'
lime and shale	3524'	3545'
lime and shale	3545'	3589'
		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#	262'	60-40pos	135	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					