

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 C. 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 OWNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
..12-14-84.. ..12-22-84.... ..12-22-84....
Spud Date Date Reached TD Completion Date
..3310'.....
Total Depth PBTD
8 5/8" @ 219'
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

API NO. 15-.....147-20,469-00-00.....
County.....Phillips.....
SW NW SE Sec. 33 Twp. 4s Rge. 18 East West

1650..... Ft North from Southeast Corner of Section
2310..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

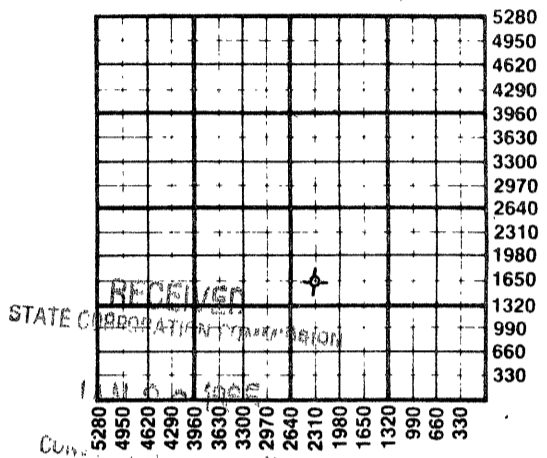
Lease Name.....Ward.....Well #.....1.....

Field Name.....

Producing Formation.....

Elevation: Ground.....1836'.....KB.....1841'.....

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 #.....NA.....
 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.

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 C. Comeau
Title Petroleum Geologist Date 1-14-85

Subscribed and sworn to before me this 14th day of January 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 Time Log Received
STATE CORPORATION COMMISSION
 KCC SWD/Rep NGPA
 KGS Other (Specify)
JAN 29 1985
1-22-85
CONSERVATION DIVISION
WICHITA, KANSAS

JOLENE GARVERT
NOTARY PUBLIC
STATE OF KANSAS
EXPT. EXPIRES 3-9-88

1-22-85

Sec. 33 Twp. 4 Rge. 18W

SIDE TWO

Operator Name Liberty Operations & Completions Inc. Lease Name Ward Well # 1
 Sec. 33 Twp. 4s Rge. 18 East West County Phillips

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: 3185-3310/30-60-60-60. IFP 61-81, FFP 71-102, ISP 1166, FSP 1063. Rec. 110' fluid, 20' heavy oil spotted mud, 60' oil water cut mud, 30' oil and water cut mud.

DST #2: 3038-3126/30-30-30-30. IFP 102-163, FFP 153-183, ISIP 1228, FSIP 1094. Rec. 210' oil spotted watery mud, 60' watery mud.

TOPS

Anhydrite 1335 (+506)
 Topeka 2803 (-962)
 Heebner 3005 (-1164)
 Toronto 3029 (-1188)
 Lansing/KC 3047 (-1206)
 Base/KC 3268 (-1427)

Name	Top	Bottom
sand and shale	0'	220'
sand and shale	220'	546'
sand and shale	546'	1340'
anhydrite	1340'	1350'
shale	1350'	1372'
shale	1372'	1688'
shale	1688'	1696'
shale and lime	1696'	1813'
shale and lime	1813'	1897'
shale and lime	1897'	2040'
shale and lime	2040'	2266'
shale and lime	2266'	2437'
lime and shale	2437'	2601'
lime and shale	2601'	2736'
lime and shale	2736'	2852'
lime and shale	2852'	2949'
lime and shale	2949'	3013'
lime and shale	3013'	3067'
lime and shale	3067'	3128'
lime and shale	3128'	3194'
lime and shale	3194'	3264'
lime and shale	3264'	3310'
		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#	218'	60-40pos	140	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 <input type="checkbox"/> Flowing <input 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	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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

