

SIDE ONE

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 Greg Issinghoff
Phone 913-628-3503

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
2-16-85 2-24-85 2-24-85
Spud Date Date Reached TD Completion Date
3740'
Total Depth PBD
Amount of Surface Pipe Set and Cemented at 8 5/8" @281'
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. 15-051-24,160-00-00
County Ellis
SE NE NE Sec. 15 Twp. 12s Rge. 17 East West

4290 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

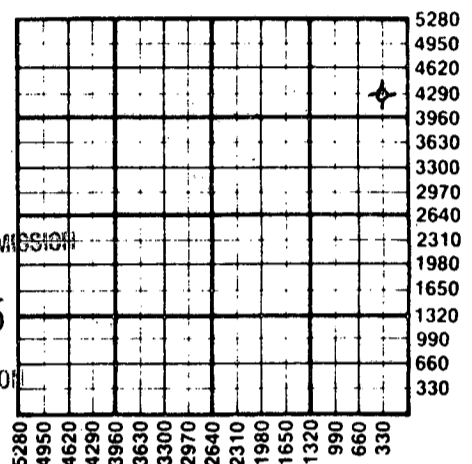
Lease Name Miller Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 2155' KB. 2160'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
3-8-1985
MAR 08 1985
CONSERVATION DIVISION
Wichita, Kansas

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 1680 Ft North from Southeast Corner
Well 200 Ft West from Southeast Corner of
Sec 15 Twp 12 Rge 18 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. #)

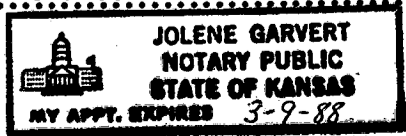
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.
Information on side two of this form will be held 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 G. Comeau
Title Petroleum Geologist Date 3-6-85

Subscribed and sworn to before me this 6th 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)

Sec 15, Twp 12, Rge 17W

SIDE TWO

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

Sec. 15 Twp. 12s Rge. 17 East West County Ellis

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: 3474-3513/60-60-60-60. 1st Open-weak blow, 2nd Open-weak steady blow. IHP 1965, IFP 41-75, ISIP 1007, FFP 83-108, FSIP 983, FHP 1947. Rec. 150' muddy water.

DST #2: 3559-3590/60-60-30-30. 1st Open-weak blow, 2nd Open-Flushed tool weak blow. IHP 2007, IFP 25-33, ISIP 150, FFP 33-41, FSIP 91, FHP 1997. Rec. 40' slightly oil-specked mud.

DST #3: 3584-3740/60-60-30-30. 1st Open-weak steady blow, 2nd Open-flush tool, weak blow. IHP 2017, IFP 89-89, ISIP 820, FFP 99-109, FSIP 496, FHP 1968. Rec. 60' mud.

Log Tops

Anhydrite	1356	(+804)	Base/KG/KC	3648	(-1488)
Topeka	3124	(-964)	Arbuckle	Not Reached	
Heebner	3366	(-1206)	Total Depth	3737	(-1577)
Toronto	3388	(-1228)			
Lansing/KC	3412	(-1252)			

Name	Top	Bottom
sand and shale	0'	282'
shale and sand	282'	1020'
shale and sand	1020'	1361'
anhydrite	1361'	1399'
shale	1399'	1985'
shale	1985'	2177'
shale	2177'	2328'
lime and shale	2328'	2520'
lime and shale	2520'	2731'
lime and shale	2731'	2930'
lime and shale	2930'	3118'
lime and shale	3118'	3255'
lime and shale	3255'	3381'
lime and shale	3381'	3480'
lime and shale	3480'	3513'
lime and shale	3513'	3560'
lime and shale	3560'	3590'
lime and shale	3590'	3610'
lime and shale	3610'	3685'
lime and shale	3685'	3740'
	3740'	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#	281'	60-40pos	150	3%cc 2%gel
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				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	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

