

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, Kansas 67663

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

Contractor: license # 5665  
name Pioneer Drilling Company, Inc.

Wellsite Geologist Kelly C. Stewart  
Phone 913-628-2838  
Purchaser Koch Oil Company

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

5-24-84 5-30-84 6-27-84  
Spud Date Date Reached TD Completion Date

3271' 3271'  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 13 3/8" @ 84'  
8.5/8" @ 1206' 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 - 163-22,390 -0000

County Rooks

SE SE NE  
(location) Sec 24 Twp 7S 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)

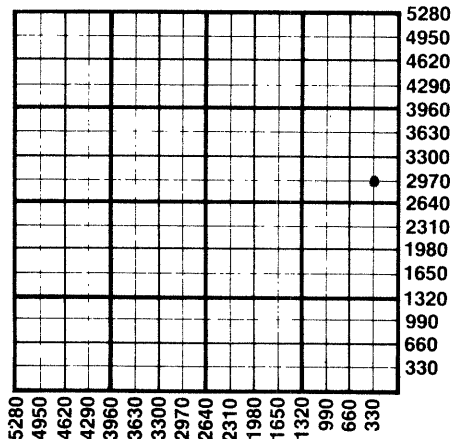
Lease Name MM Well# L-6

Field Name RIFFE

Producing Formation Arbuckle, open hole

Elevation: Ground 1772' KB 1777'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # NA

Groundwater ..... Ft North From Southeast Corner and  
(Well) ..... Ft West From Southeast Corner of  
Sec Twp Rge  East  West

Surface Water ..... Ft North From Southeast Corner and  
(Stream, Pond etc.) ..... Ft West From Southeast Corner  
Sec Twp Rge  East  West

Other (explain) City, Stockton, Kansas  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket # CD-38323

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. Rules 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.

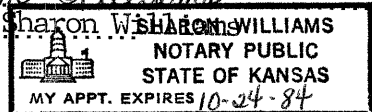
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 7-23-84

Subscribed and sworn to before me this 23rd day of July 1984

Notary Public Sharon Williams  
Date Commission Expires



RECEIVED  
STATE CORPORATION COMMISSION  
JUL 24 1984  
CONSERVATION DIVISION  
Wichita, Kansas

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  
(This form supercedes previous forms ACO-1 & C-10)

Sec 24 Twp 7 Rge 18

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name MWM Well# L-6 SEC 24 TWP. 7S RGE. 18  East  West

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

TOPS  
 ANHYDRITE 1193 (+584)  
 TOPEKA 2705 (-928)  
 HEEBNER 2914 (-1137)  
 TORONTO 2940 (-1163)  
 LANSING/KC 2957 (-1180)  
 BASE/KC 3180 (-1403)  
 MARMATON 3185 (-1408)  
 ARBUCKLE 3256 (-1479)

Name	Top	Bottom
shale and sands	0'	85'
sand and shale	85'	331'
shale and sand	331'	931'
shale	931'	1195'
anhydrite	1195'	1201'
anhydrite	1201'	1207'
shale	1207'	1226'
shale	1226'	1549'
shale and lime	1549'	1709'
shale and lime	1709'	1974'
shale and lime	1974'	2213'
shale and lime	2213'	2425'
lime and shale	2425'	2595'
lime and shale	2595'	2761'
lime and shale	2761'	2895'
lime and shale	2895'	3015'
lime and shale	3015'	3103'
lime and shale	3103'	3220'
lime and shale	3220'	3271'
	3271'	R.T.D.

CASING RECORD <input type="checkbox"/> new <input checked="" 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
Conductor String	17. 1/4"	13. 3/8"	54.5#	84'	common	90	3%cc. 2%gel
Surface String	12. 1/4"	8. 5/8"	24#	1206'	60-40 pos.	325	3%cc. 2%gel
Production	7. 7/8"	5. 1/2"	14#	3263'	common	150	Quick Set

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
NA	NA	250 gal. 15% mud acid	3265-3271

TUBING RECORD			
size	set at	packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 7/8"	3269'	NA	

Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)			
6-27-84				

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	50 Bbls	MCF	0 Bbls	CFPB	

Disposition of gas:  vented  open hole  perforation  other (specify) 3265-3271 open hole  
 sold  used on lease  Dually Completed  Commingled