SIDE ONE

24-7-18W

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

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

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

Wellsite Geologist Mark Torr
Phone 913-628-3131
PURCHASER Koch Oil

Designate Type of Completion
[X] New Well [ ] Re-Entry [ ] Workover

[X] Oil [ ] SWD [ ] Temp Abd
[ ] Gas [ ] Inj [ ] Delayed Comp.
[ ] D [ ] Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

API NO. 15 - 163-22,537

County Rooks

NE NE SE (location) Sec 24 Twp 7s Rge 18 [ ] East [X] West

2331 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

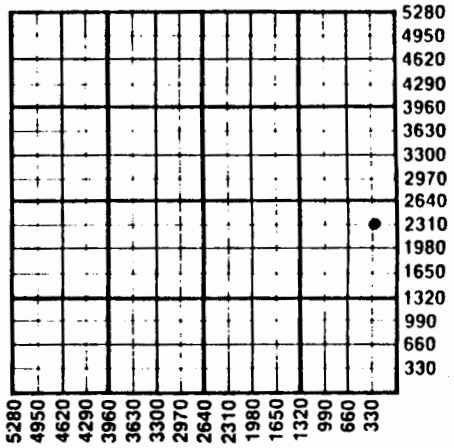
Lease Name MWM M-6 Well# 1

Field Name

Producing Formation Arbuckle

Elevation: Ground 1769' KB 1774'

Section Plat



WELL HISTORY

Drilling Method: [X] Mud Rotary [ ] Air Rotary [ ] Cable

10-23-84	10-29-84	11-28-84
Spud Date	Date Reached TD	Completion Date

3267'	3267'
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 13 3/8"@ 89' feet
8 5/8"@1204'

Multiple Stage Cementing Collar Used? [ ] Yes [X] No
Longstring surface set
If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

[X] WATER SUPPLY INFORMATION

Source of Water: From City of Stockton

Division of Water Resources Permit #

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

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

[ ] Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: [X] Disposal [ ] Repressuring

Docket # CD-38323 (C-21,881)

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.

SIDE TWO

Operator Name Liberty Operations & Completions Inc. Lease Name MWM M-6 Well# 1 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. NO LOGS WERE RUN

Drill Stem Tests Taken	☐ Yes	☒ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No

LOG TOPS

Anhydrite (top)	1191	(+583)
Anhydrite (bottom)	1223	(+551)
Topeka	2705	(-931)
Heebner	2915	(-1141)
Toronto	2941	(-1167)
Lansing/KC	2959	(-1185)
Base/KC	3182	(-1408)
Arbuckle	3258	(-1484)
RTD	3267	(-1493)

Formation Description ☒ Log ☐ Sample

Name	Top	Bottom
sand and shale	0'	90'
shales	90'	358'
shale and sand	358'	685'
sand	685'	905'
red bed	905'	960'
shale	960'	1191'
anhydrite	1191'	1205'
anhydrite	1205'	1223'
shales	1223'	1262'
shales	1262'	1733'
lime and shale	1733'	1910'
lime and shale	1910'	2189'
lime and shale	2189'	2447'
lime and shale	2447'	26[illegible]
lime and shale	2687'	28[illegible]
lime and shale	2828'	2952'
lime and shale	2952'	3049'
lime and shale	3049'	3160'

TUBING RECORD size 2 7/8 set at 3243.48' packer at | Liner Run ☐ Yes ☒ No

Date of First Production 11-28-84

Producing method ☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)

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

Disposition of gas: ☐ vented ☐ sold

METHOD OF COMPLETION ☒ open hole ☐ perforation ☐ other (specify)

PRODUCTION INTERVAL 3261-3267'

CASING RECORD ☒ new ☐ 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#	89'	60-40pos	110	3%cc 2%gel
Surface String	12 1/4"	8 5/8"	23#	1204'	60-40pos	325	3%cc 2%gel
"	"	"	"	"	common	100	
Production	7 7/8"	5 1/2"	14#	3261'	common	150	

PERFORATION RECORD shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
	Open Hole	250 gallons, 15% INS with 5% checker sol. Retreated with 750 gallons, 15% INS, 5% checker sol.	3261-3267