

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

Operator: License # 30451
Name: KanMap, a Kansas Corporation
Address: 2003 W. Maple
City/State/Zip: Independence, Kansas 67301
Purchaser: Cherokee Methane Corporation
Operator Contact Person: Mike McKenzie
Phone: (620) 331-3140
Contractor: Name: Mokat Drilling
License: 5831
Wellsite Geologist: Vance K. Cain
Designate Type of Completion:
☐ New Well ☒ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: KanMap, A Kansas Corporation
Well Name: Rutland 6-8
Original Comp. Date: 3-18-97 Original Total Depth: 1240'
☐ Deepening ☒ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled Docket No. _____
☐ Dual Completion Docket No. _____
☐ Other (SWD or Enhr.?) Docket No. _____
5-23-03 5-23-03
Spud Date or Completion Date Date Reached TD Completion Date or Recompletion Date

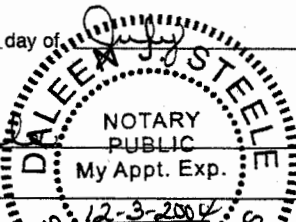
API No. 15 - 125-29926 -00-01
County: Montgomery
NE SE NW Sec. 8 Twp. 33 S. R. 16 ☒ East ☐ West
3,795 feet from S N (circle one) Line of Section
3,135 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Rutland Well #: 6-8
Field Name: Jefferson Sycamore
Producing Formation: Weir Coal, Riverton Coal
Elevation: Ground: 900' Kelly Bushing: _____
Total Depth: 1240' Plug Back Total Depth: 1230'
Amount of Surface Pipe Set and Cemented at _____ Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from surface
feet depth to 1230' w/ 180 sx cmt.

Drilling Fluid Management Plan re-work on 7-31-03
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____ **RECEIVED**
Location of fluid disposal if hauled offsite: **JUL 24 2003**
Operator Name: _____
Lease Name: _____ License No.: WICHITA, KS
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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: [Signature]
Title: Project Manager Date: 7-23-03
Subscribed and sworn to before me this 23rd day of July
2003
Notary Public: [Signature]
Date Commission Expires: 12-3-2004



KCC Office Use ONLY

☒ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☒ Geologist Report Received
☐ UIC Distribution

Operator Name: KanMap, a Kansas Corporation Lease Name: Rutland Well #: 6-8
 Sec. 8 Twp. 33 S. R. 16 ☒ East ☐ West County: Montgomery

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☒ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

Gamma-Ray Neutron Log
 Sonic Cement Bond Log

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

Fort Scott Ls 720 +180

Weir Coal 964 -64

Riverton Coal 1202 -302

CASING RECORD <input 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	12"	8.625"	23.0#	20'	Portland	6 sx	None
Production	6.750"	4.5"	10.5#	1230'	50/50 Poz	180 sx	25 sx gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	1202-1206'	500 gals 15% HCL, 505 bbls 12# water, 9,500# 20/40 sand	

RECEIVED
 KANSAS CORPORATION COMMISSION

JUL 24 2003

CONSERVATION DIVISION
 WICHITA, KS

WILLIAMS, KS

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
		2 3/8					
Date of First, Resumerd Production, SWD or Enhr.			Producing Method				
5-23-03			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	0	5	20				

Disposition of Gas ☐ Vented ☒ Sold ☐ Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____