

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

Operator: License # 30451
Name: KanMap, Inc.
Address: 2003 W. Maple
City/State/Zip: Independence, KS. 67301
Purchaser: Cherokee Methane Corporation
Operator Contact Person: Vance K. Cain
Phone: (620) 331-3140
Contractor: Name: MOKAT DRILLING
Phone: 5831
Wellsite Geologist: Vance K. Cain

Designate Type of Completion:

☐ New Well ☐ Re-Entry ☒ Workover
☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☒ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: KanMap, Inc.
Well Name: Mitchell 12-22

Original Comp. Date: 8-12-93 Original Total Depth: 1080
☐ 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. ☐

12-31-92 4-15-93 6-7-01
Spud Date or Completion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-29,740
County: Montgomery

C NWN SW Sec. 22 Twp. 33S S. R. 16E East ☐ West ☐
2310 feet from S / N (circle one) Line of Section
4950 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW
Lease Name: Mitchell Well #: 12-22
Field Name: Wildcat
Producing Formation: Riverton Coal

Elevation: Ground: 760 Kelly Bushing:
Total Depth: 1080 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 22.4 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set Feet
If Alternate II completion, cement circulated from 1080
feet depth to Surface w/ 135 sx cml.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls
Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License No.:
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: Glenda K. Bryant
Title: General Manager Date: 7/30/2001
Subscribed and sworn to before me this 30th day of July
2001
Notary Public: Glenda K. Bryant
Date Commission Expires: Sept. 15, 2001

KCC Office Use ONLY

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

 GLENDA K. BRYANT
Notary Public - State of Kansas
My Appt. Expires 9-15-01

23964

Side Two

Operator Name: KanMap, Inc. Lease Name: Mitchell Well #: 12-22
 Sec. 22 Twp. 33S 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:

Dual Induction Log
 Compensated Density Log

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

Name	Top	Datum
Pawnee Ls	454	306
Ft. Scott Ls	560	200
Mulky Coal	625	135
Weir Coal	not present	
*Riverton Coal	1050	-290
Mississippi Ls	1059	-299

* 3 psig ½" choke, 60 MCFD

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
Surface	10.5	7	20	22'4"	Portland	4	none
Production	6.25	4.5	10.6	1177'	60/40POZ	135	10% Gils 5% Salt 2% Gel Flo Seal

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	1051-1054 Alum. Strip	500 Bbls wtr. 7½#Gel 2000 #100 mesh, 6900# 20/40 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run ☐ Yes ☐ No
Date of First, Resumed Production, SWD or Enhr.		Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perfor. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Weir/Pittsburg Coal
Riverton Coal.