FORM MUST BE TYPED SIDE ONE 14-33-16E

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

COPY

API NO. 15- 125-29,815

County Montgomery

NE - SE - NE Sec. 14 Twp. 33S Rge. 16E

3630 Feet from (S)/N (circle one) Line of Section

330 Feet from (E)/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)

Operator: License # 30451

Name: KanMap, Inc.

Address 2101 W Maple

City/State/Zip Independence, KS 67301

Purchaser: Cherokee Methane Corp.

Operator Contact Person: Vance K. Cain

Phone (316) 331-3140

Contractor: Name: MOKAT Drilling

License: 05831

Wellsite Geologist: Stephen J. Atwell

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

X Oil ____ SWD ____ SIOW ____ Temp. Abd.
X Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator:

Well Name:

Comp. Date ____ Old Total Depth ____

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back ____ PBTD
____ Commingled Docket No.
____ Dual Completion Docket No.
____ Other (SWD or Inj?) Docket No.

03-12-94 Spud Date
03-13-94 Date Reached TD
04-20-94 Completion Date

Lease Name Vannoster Well # 8-14

Field Name Coffey-Cherry

Producing Formation Weir-Riverton

Elevation: Ground 810' KB

Total Depth 1080' PBTD

Amount of Surface Pipe Set and Cemented at 22' Fee

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Fee

If Alternate II completion, cement circulated from 1080'

feet depth to Surface w/ 115 sx cmt

Drilling Fluid Management Plan ALT 2 JH 11-29-94
(Data must be collected from the Reserve Pit)

Chloride content ____ ppm Fluid volume ____ bbl

Dewatering method used

Location of fluid disposal if hauled offsite:

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 07 1994
CONSERVATION DIVISION
WICHITA, KS

Lease Name License No.

____ Quarter Sec. ____ Twp. ____ S Rng. ____ E/W

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 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 Vance K Cain

Title President Date 7-5-94

Subscribed and sworn to before me this 5th day of July, 1994.

Notary Public Karen J. Turner

Date Commission Expires 4-1-97

KAREN J. TURNER
Notary Public - State of Kansas
My Appt. Expires 4-1-97

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ____ Geologist Report Received

Distribution
____ KCC ____ SWD/Rep ____ NGPA
✓ KGS ____ Plug ____ Other (Specify)

Form ACO-1 (7-91)

15-125-23913

SIDE TWO

Operator Name KanMap, Inc. Lease Name Vannoster Well # 8-14

Sec. 14 Twp. 33S Rge. 16E ☐ East ☐ West County Montgomery

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 (Attach Additional Sheets.)	☐ Yes	☒ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No
Electric Log Run (Submit Copy.)	☒ Yes	☐ No

List All E.Logs Run:

Sonic Bond Log
Dual Induction Log
Dual Compensated Porosity Log

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

Name	Top	Datum
Altamont Ls	298	512
Pawnee Ls	450	360
Fort Scott Ls	552	258
Mulky Coal	624	186
Weir Coal	828	- 18
Riverton Coal	1033	-223
Mississippi Ls	1059	-249

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 Percen Additives
Surface	9"	7"	15	22	Portland	4	
Production	6.5"	4.5"	10.5	1080	60/40 POZ	115	5% Gilsoni 2% Gel
							1% Salt Flocoal

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)	Dr
4	1015-1015.5	A/100 gal 15% HCl Frac Weir 200 sx 20/40	828
4	1033-1036	Ottawa Sand, 20,000 gal	Fresh Wt
4	828-832	Frac Riverton 200 sx 20/40	1033
		Ottawa Sand, 17,000 gal	Fresh Wt

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2.375"	1050	none	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
7-15-94	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		20	10		

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

Production Interval: 828-832, 1033-1036