

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

Operator: License # 30451Name: KanMap, Inc.Address: 2101 W MapleAddress: 2101 W MapleCity/State/Zip: Independence, KS 67301Purchaser: Cherokee Methane Corp.Operator Contact Person: Vance K. CainPhone: (316) 331-3140

Contractor: Name: _____

License: _____

Wellsite Geologist: Vance K. CainDesignate Type of Completion
____ New Well XX Re-Entry ____ Workover

XX Oil ____ SUD ____ SIOU ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGU
____ Dry ____ Other (Core, WSV, Expl., Cathodic, etc)

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

Operator: S.A. ProductionWell Name: Kirk 1-AComp. Date 4-2-82 Old Total Depth 1371

XX Deepening XX Re-perf. ____ Conv. to Inj/SUD
____ Plug Back 1040 ____ PSTD
____ Commingled ____ Docket No. ____
____ Dual Completion ____ Docket No. ____
____ Other (SUD or Inj?) ____ Docket No. ____

Unknown 4--2-82 12-20-93

Spud Date _____ Date Reached TD _____ Completion Date _____

API NO. 15- 120-24, 9440001County MontgomeryNE NW NW NW Sec. 13 Twp. 33S Rge. 16E5115 Feet from SW (circle one) Line of Section4785 Feet from SW (circle one) Line of SectionFootages Calculated from NE, SW, NW or SW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
Lease Name Kirk Well # 1Field Name: Coffy-CherryProducing Formation Weir CoalElevation: Ground 838 KB _____Total Depth 1371 PSTD 1040Amount of Surface Pipe Set and Cemented at 20 FeetMultiple Stage Cementing Collar Used? ____ Yes XX No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 20feet depth to Surface w/ 5 sx cntDrilling Fluid Management Plan REENTRY 8/11-29-94
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbl

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

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. CainTitle PresidentDate 7-5-94Subscribed and sworn to before me this 5th day of July 1994.Notary Public Karen J. TurnerDate Commission Expires 4-1-97

STATE CORPORATION COMMISSION
RECEIVED
C.C. OFFICE USE ONLY
of Confidentiality Attached
Wireline Log Received
Geological Report Received
1994 Distribution
KCC SUD/Rep NGPA
Plug Other (Specify)

Operator Name KanMap, Inc.Lease Name KirkWell # 1Sec. 13 Twp. 33S Rge. 16E☐ EastCounty Montgomery☐ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests—give 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 sheets if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☐ Yes ☒ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

Sonic Cement Bond Log

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

Name	Top	Datum
Pawnee Ls	453	385
Fort Scott Ls	544	294
Mulky Coal	610	228
Weir Coal	804	+ 34
Riverton Coal	1027	-189
Mississippi Ls	1042	-204

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
Production	6.25"	4.5"	9.5	1371'	Portland	149	2% Gel Gilsonite
Surface	9"	7"	15	20	Portland	5	Salt Floreal

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)
4	804 - 808	
	Frac Weir	100 Gal 15% HCl
		110sx 20/40 Sand
	Set Bridge Plug @1040'	20,000 gal fresh water

TUBING RECORD	Size 2.375"	Set At 905	Packer At none	Liner Run ☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj.	11-93	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Expla	
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio
		20 Mcf	10 Bbls.	

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

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

804-808