

**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: Thorton Drilling Co.
License: 4815
Wellsite Geologist: None
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: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ 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. _____

<u>2-12-03</u>	<u>2-13-03</u>	<u>6-4-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30230-00-00
County: Montgomery
C SW NE Sec. 20 Twp. 33 S. R. 16 ☒ East ☐ West
3,300 feet from S N (circle one) Line of Section
1,980 feet from E W (circle one) Line of Section

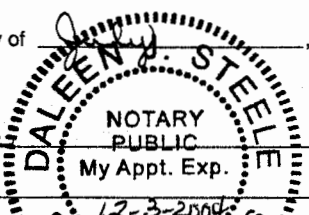
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Barta Well #: 7-20
Field Name: Wildcat
Producing Formation: Riverton
Elevation: Ground: 770 Kelly Bushing: _____
Total Depth: 1166' Plug Back Total Depth: 1162'
Amount of Surface Pipe Set and Cemented at 42.93' 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 1162' w/ 150 sx cmt.

Drilling Fluid Management Plan 7-30-03
(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: **KANSAS CORPORATION COMMISSION**
Operator Name: _____ **JUL 24 2003**
Lease Name: _____ License **CONSERVATION DIVISION**
Quarter _____ Sec. _____ Twp. _____ S. R. **WICHITA, KS** ☐ 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: Property Manager Date: 7-23-03
Subscribed and sworn to before me this 23rd day of July
2003
Notary Public: Daleen J. Steele
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: Barta Well #: 7-20
Sec. 20 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:

Dual Induction Log, Dual Compensated Porosity
Log, Sonic Cement Bond Log

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

Name Top Datum

Fort Scott Ls 608 +162

Mulky 676 +94

Weir Coal 868 -98

Riverton Coal 1099 -329

Mississippian Ls 1112 -342

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 3/4	8 5/8	23.0 #	42.93'	Portland	4 sx	
Production	6 7/8	4 1/2	10.5 #	1162'	40/60 Poz	150 sx	5% GR., 5% Salt, 2% Gel, 25% Flow Bee

ADDITIONAL CEMENTING / SQUEEZE RECORD					RECEIVED KANSAS CORPORATION COMMISSION JUL 24 2003 CONSERVATION DIVISION WICHITA, KS
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives	
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> 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	1099-1103'	300 gals 15% HCL, 550 bbls 15# water, 10,000# 20-40 sand	

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. 6-04-03			Producing Method <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
			15		15	

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
(If vented, Submit ACO-18.) ☐ Other (Specify)