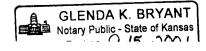
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KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #	API No. 15 - 125-22, 298 - 000
Name: KanMap, Inc	County: Montgomery
Address: 2003 W. Maple	SW SW Sec. 20 Twp3 S. R.16 X East West
City/State/Zip:Independence, KS 67301	330 feet from S/ N (circle one) Line of Section
Purchaser: Cherokee Methane Corp.	180 feet from E / (circle one) Line of Section
Operator Contact Person: Vance K. Cain	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 331-3140	(circle one) NE SE NW (SW)
Contractor: Name: Earth Scientists Ltd.	Lease Name: Dennis Well #: 15-20
ense: Unknown	Field Name: Jefferson-Sycamore
Wellsite Geologist: Frank J. Walker Jr.	Producing Formation: Riverton Coal
Designate Type of Completion:	Elevation: Ground: 800 Kelly Bushing:
New Well Re-Entry _X Workover	Total Depth: 1181 Plug Back Total Depth: 1114
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at
K Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐Yes ☒No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 157
Operator: Bounty Petroleum Corp.	feet depth to urface w/ 15 sx cmt.
Well Name: Thiessen C-1	<u> </u>
Original Comp. Date: 7 = 20 = 80 Original Total Depth: 1181 : 411	Drilling Fluid Management Plan (Date must be allowed from the Reserve Pit)
DeepeningXRe-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
X Plug Back 1114 Plug Back Total Depth Commingled Docket No.	Dewatering method used
	Logion of field apposal if hauled offsite:
Dual Completion Docket No	Co Son of Indicasposal if nauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name:
10 26 70 10 20 70 20 50 7	Lease Nam License No.:
10-26-79 10-28-79 03-05-01 Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. R. East West
completion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover a stream of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3- nd geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature: Oliv J. Byart air	KCC Office Use ONLY
Title: General Manager Date: 5-16-2001	Letter of Confidentiality Attached
Subscribed and sworn to before me this 12 day of May	If Denied, Yes Date:
4	Wireline Log Received
pod OO (Geologist Report Received
Notary Public: Klnda K Sryart	UIC Distribution
Date Commission Expires: 4-15-2001	



Side Two

Operator Name: Ka	nMap. Inc						. Well #: 15	-20		
Sec. 20 Twp. 3	3 s. R. 16	East West	County:	Mon	ntgomery					
tested, time tool oper temperature, fluid rec	and closed, flowing overy, and flow rate	and base of formations p g and shut-in pressures, is if gas to surface test, a final geological well site i	whether sho	ut-in pre	essure reached :	static level, hydro:	static pressur	es, bottor	n hole	
Drill Stem Tests Taken Yes No (Attach Additional Sheets)			۵r	og Formatio	tion (Top), Depth and Datum		Sample			
Samples Sent to Geo Cores Taken Electric Log Run (Submit Copy)	logical Survey	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No		Nam	ne		Тор		Datum	
List All E. Logs Run:	Unknewn	, no informa	tion	avai	lable					
		CASING Report all strings set-o	RECORD		ew 👿 Used	ion, etc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigl Lbs./		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives	
Surface	8 3/4	7"	20#		157 ' I	ortland	15	3% (Calcium	
Productio	n 6 1/4	4.5"	9.5#		1180' 1	ortland	130	3% (Gel	
		* 1.50	<u> </u>				·			
		ADDITIONAL	CEMENTIN	G/SQL	JEEZE RECORD		-			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks t	Jsed -		Type and Pe	ercent Additives			
Shots Per Foot	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	CIBP @ 1114' 4 1083-1086				150 Gal 15% HCL 1083 Frac w/420 gal city wtr and 4200# 20/40 sand					
TUBING RECORD	Size	Set At	Packer At		Liner Run	Type Date				
Date of First, Resumed I	2 . 3 7 5 Production, SWD or Er 9 – 0 1.	1096 Producing Meth		Flowing		Yes No	□ Oth	er (Explain)	,	
Estimated Production Per 24 Hours			Mcf	Wate	Z		as-Oil Ratio		Gravity	
Disposition of Gas	METHOD OF &				Production Inter	val		· · · · · · · · · · · · · · · · · · ·		
Vented Sold (If vented, Sur	Used on Lease	Open Hole Other (Speci	(½) Perf.		Oually Comp.	Commingled				