ORIGINAL

OIL & GAS CONSERVATION WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Kansas Corporation Commission Oil & Gas Conservation Division

12/14/09

Form ACO-1 September 1999 Form Must Be Typed

33074	125 31341 00 00
Operator: License #_33074 Name: Dart Cherokee Basin Operating Co., LLC	API No. 15 - 125-31341-00-00 County: Montgomery
Address: P O Box 177	
City/State/Zip: Mason MI 48854-0177	
- Onenk	3300' FSL feet from S / N (circle one) Line of Section
	leet from E / W (circle one) Line of Section
Operator Contact Person: Beth Oswald	Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>517</u>) <u>244-8716</u>	(circle one) NE SE NW SW
Contractor: Name: McPherson	Lease Name: C&D Heape Well #: B2-27
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 873' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1505' Plug Back Total Depth: 1494'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 40 Feet
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
Operator:	feet depth tow/sx cmt.
Well Name:	MICHIARANTAR
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AH II JJ 3 JH-0R (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug BackPlug Back Total Depth	
Commingled Docket No.	Dewatering method used
Dual Completion	Location of fluid disposal if hauled offsite:
•	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name:License No.:
<u>8-20-07</u> <u>8-22-07</u> <u>2-13-08</u>	Quarter Sec Twp. S. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
	Double No
Kansas 67202, within 120 days of the spud date, recompletion, workown information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well will requirements of the statutes, rules and regulations promulgated to regu	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-105 and geologist well report shall be attached with this form. ALL CEMENTING Is. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	KCC Office Use ONLY
Signature: Can C Na Kil	
Title: Hgr Clerk Date: 0-2500	Letter of Confidentiality Attached
Subscribed and sworn to before me this 25 day of Flbtua	If Denied, Yes Date:
20 08	Wireline Log Received
Charadia a Milagara 10	Geologist Report Received
Notary Public: 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10	UIC Distribution KANSAS CORPORATION COMMISS
Octors on Logham 3755 2974	
Notary Public - Michi	FEB 2 8 2008
Jackson County	CONSERVATION DIVISION
March 05, 2011	WICHITA, KS
	ar ···

CONFIDENTIAL

STRUCTIONS: Sh sted, time tool open mperature, fluid rec	and closed, flowing overy, and flow rates	nd base of formations and shut-in pressure	County: _Mont s penetrated. Detail all es, whether shut-in pre it, along with final chart te report.	cores. Report a	tatic level, hydrost	tatic pressures	s, bottom hole
ill Stem Tests Taker		☐ Yes ✓ No	Lo	og Formatio	n (Top), Depth and	d Datum	✓ Sample
amples Sent to Geo	logical Survey	☐ Yes ✓ No	Name	e		Тор	Datum
ores Taken	,	— Yes ✓ No					
ectric Log Run (Submit Copy)		✓ Yes No					
st All E. Logs Run:							
ligh Resolution (Qual Induction	Compensated De	ensity Neutron &					
			NG RECORD Ne set-conductor, surface, inte		on, 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
Sur		8 5/		40'	Class A	8	Additives
Prod	6 3/4"	4 1/	/2" 9.5#	1498'	Thick Set	160	
		ADDITION	NAL CEMENTING / SQU	EEZE RECORD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Per	cent Additives	
Shots Per Foot		ON RECORD - Bridge Footage of Each Interval	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
6	1327.5' - 1329.5'			100 gal 15% HCl, 35 BBL fl			
6	1328' - 1330'			250 gal 15% HCl, 140 BBL fi			

UBING RECORD	Size	Set At	Packer At	Liner Run			
	2 3/8"	1469'	NA	· 	Yes ✓ No		
	Production, SWD or Er 2-15-08	hr. Producing M	Method Flowing	√ Pumpin	g Gas Lift	Other	(Explain)
stimated Production Per 24 Hours	Oil NA	Bbls. Gas	Mcf Wate	r Bb	ols. Ga	s-Oil Ratio NA	Gravity NA
1 61 24 110013		1 -	J j				

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