

## KANSAS CORPORATION COMMISSION RIGINAL OIL & GAS CONSERVATION D

Form ACO-1 September 1999 Form Must Be Typed

## **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

8/06/10

WICHITA, KS

33074	API No. 15 - 125-31560-00-00
Operator: License # 33074  Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	CSE_ SE_ Sec24_ Twp33_S. R13
City/State/Zip: Mason MI 48854-0177	660' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	660' FEL feet from E / W (circle one) Line of Section
Operator Contact Person: Beth Oswald	Footages Calculated from Nearest Outside Section Corner:
Phone: (517_) 244-8716	(circle one) NE SE NW SW
Contractor: Name: McPherson	Lease Name: P&A Clubine Well #: D4-24
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 810' Kelly Bushing:
New Well Re-Entry Workfover!	Total Depth: 1580' Plug Back Total Depth: 1564'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 43 Feet
	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic lets, NTIAL	If yes, show depth setFeet
- 00000	If Alternate II completion, cement circulated from
If Workover/Re-entry: Old Well Info as follows:	feet depth tow/sx cmt.
Well Name:	Total depart to
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan  NH 11-207
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug Back — Plug Back Total Depth	Chloride content ppm Fluid volume bbls
Commingled Docket No.	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No.	Operator Name:
·	Lease Name: License No.:
4-22-08         4-24-08         NA           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec Twp. S. R East West
Recompletion Date  Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, the region of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: LiacCoUL	KCC Office Use ONLY
Title: Fngr Clerk Date: 8-6-08	Letter of Confidentiality Attached
Subscribed and sworn to before me this	If Denied, Yes Date:
20_0%	Wireline Log Received  RECEIVED
Brands, P Manager	Geologist Report Reckansas Corporation Commissio
Date Commission Expires: 3-5-2011 Notary Publi	c - Michigan County  AUG 1 1 2008
acting in lugam My commiss March 05	ion explies

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Operator Name: <u>Dart</u> Sec. 24 Twp. 3			Co., LLC	Lease Name: County: Mon			. Well #: <u>D4</u>	-24
NSTRUCTIONS: Sho ested, time tool open emperature, fluid reco Electric Wireline Logs	ow important tops a and closed, flowing overy, and flow rates	nd base of form and shut-in pos if gas to surfa	mations per ressures, wace test, alo	netrated. Detail al hether shut-in pre ong with final char	I cores. Report	static level, hydros	static pressure	es, bottom hole
Orill Stem Tests Taken		☐ Yes	√ No	L	og Formatio	n (Top), Depth ar	nd Datum	✓ Sample
samples Sent to Geol	ogical Survey	Yes	√ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)	,	Yes ✓ Yes	√ No No	See	Attached			
ist All E. Logs Run:					. 0.0			
High Resolution C Dual Induction	Compensated De	ensity Neutro	on &	CONFID AUG (	ENTIAL 6 2008			
		Report all s	CASING R	ECORD Ne	(3 🗢	on, etc.		
Purpose of String	Size Hole Drilled	Size Cas Set (In O	sing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surf	Surf 11"		8 5/8"	24#	43'	Class A	8	
Prod	6 3/4"		4 1/2"	9.5#	1564'	Thick Set	165	See Attached
		AD	DITIONAL (	CEMENTING / SQL	EEZE RECORD			
Purpose: Perforate Protect Casing	Depth Top Bottom	Type of Cement		#Sacks Used		Type and Pe	ercent Additives	
Plug Back TD Plug Off Zone								
Shots Per Foot		ON RECORD - I			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
				NA			-	
TUBING RECORD	Size	Set At		Packer At	Liner Run			
	NA	NA		NA		Yes ✓ No		
Date of First, Resumed F Not ve	Production, SWD or En et completed	ihr. Prod	lucing Metho	d Flowing	y ✓ Pumpin	g Gas Lift	Othe	er (Explain)
Estimated Production Per 24 Hours	· · · · · · · · · · · · · · · · · · ·	Bbls.	Gas M	1cf Wate	r Bb	ols. Gá	as-Oil Ratio	Gravity <b>NA</b>
Disposition of Gas	METHOD OF C	OMPLETION	11/1		Production Interv	ral		RECEIVED
Vented Sold (If vented, Sur	Used on Lease mit ACO-18.)	_	Open Hole Other <i>(Specif</i> y		ually Comp.	Commingled	NAMA	AUG 1 1 2008

Rig Number: S. 24 T. 33 R. 13E API No. 15- 125-31560 County: MG Elev. 810 Location: C SE SE

Dart Cherokee Basin Operating Co. LLC Operator:

Address: 211 W Myrtle

Independence, KS 67301

Well No:

660

Lease Name: ft. from the

P & A CLUBINE

Footage Location:

ft. from the

Total Depth:

South Line

660

East Line

Drilling Contractor: Spud date:

**McPherson Drilling LLC** 

.04/22/2008

Geologist:

Date Completed:

.04/24/2008

1580

<b>Casing Record</b>			Rig Time:	
	Surface	Production	-01521 A 1	
Size Hole:	11"	6 3/4" CONF	DENTIAL	
Size Casing:	8 5/8"	1	) 6 2008	
Weight:	20#	. AUG	9 6 2000	li:
Setting Depth:	43	McPherson [	KBC	
Type Cement:	Portland	l a	Driller:	ANDY COATS
Sacks:	8	McPherson		

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1	
0	
Start injecting @	

Gas Tests:

Well Log										
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.		
soil	0	3	oswego	1069	1075					
sand	3	8	shale	1075	1080					
lime	8	16	coal	1080	1082					
shale	16	27	shale	1082	1103					
sand	27	46	coal	1103	1105					
shale	46	201	shale	1105	1147					
wet sand	201	298	coal	1147	1149					
sand shale	298	349	shale	1149	1167					
lime	349	364	coal	1167	1169					
shale	364	468	shale	1169	1431					
lime	468	481	coal	1431	1432					
shale	481	635	oil sand	1432	1440					
lime	635	651	sand shale	1440	1455					
shale	651	708	Mississippi	1455	1510					
lime	708	731	water out	1510	1580					
sand shale	731	790								
lime	790	801								
sand	801	887								
lime	887	908								
shale	908	993								
oswego	993	1030								
summit	1030 、	1040					RECEIVE	n		
oswego	1040	1058				KANSAS CO	RPORATION	COMMISSIC		
mulky	1058	1069				Al	JG 1 1 20	08		

ሪኔኔኔ	TICKET NUMBER	TODON.
	LOCATION EURE	
	FOREMAN QUEL	LEGFORD

## TREATMENT REPORT & FIELD TICKET

	•			CEMEN	ìΤ	•		
DATE	CUSTOMER#	WEL	L NAME & N	IUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-25-03	2368	Clubine	P+A	04-24			2 3 3 6 6 6 7 7 8 6 7 8 7 8 7 8 7 8 7 8 7 8 7	MG
STOMER	<del>"</del>				TRUCK#	DRIVER	TRUCK#	DRIVER
ILING ADDRE	1927 Chero	ie Bas	<u> </u>	Jones	463		11.001.1	DIXITE!
0		· .		34.7		Phillip		
<u> </u>		STATE	ZIP CODE		502	- min	·	
Talan	a. Ja. –	¥5	67801					
B TYPE LOC	endence restron		624"	ـــــا HOLE DEPTH	1580'	CASING SIZE & W	EIGHT 41/2"	95*
SING DEPTH	. ,	DRILL PIPE		TUBING	OTHER			
URRY WEIGH		SLURRY VOL_	51 861		k_8,0	CEMENT LEFT in	CASING 0	
PLACEMENT				PSI 12		RATE		<u> </u>
						x cuculation	~ 4/35	361
Fresh L	ate: Pur	0 6 54	s acit	flush w/	bulls 20	Bb1 fresh	water spe	cec,
10 BW	Soap water	r. 16 Sb	1 due	where M	ixed 145	SKS this	est come	st w/
8 4 Kal-x	of odly C	132 4 (4)	Ex "	rashout any	a + lines.	Shut dawn	release pl	<u>ug</u>
Disolace	w/ 25.	3 Bb1 fr	esh wa	ter Final a	of pressure	700 RSI.	Bung plug	to
1200 PS	s. weit 5	moutes.	release.	pressure fl	boot held. (	and cement	returns to	Surface:
8 Bb1	slucey to	ort. Job	complete.	ly down	ONFIDENTIA			
					_ ଲ ଲ ଉଲିଲି	8		
				Thank You	AUG U 6 ZOU.			<del></del>
		-			<u> KGG</u>		<del>,                                    </del>	·
ACCOUNT CODE	QUANTITY	Y or UNITS		DESCRIPTION o	f SERVICES or PF	RODUCT	UNIT PRICE	TOTAL
5401	/		PUMP CH	ARGE			875.00	875.00
5406	40		MILEAGE				3.45	138.00
		1						
1126A	145	SES	thicks	+ cement		_ <del></del>	16.20	2673.00
MOA	/320	ᆏ	Kol-se	1 8# Respec			.40	528.00
1118A	300	#	ger-fl	<u> </u>			.16_	48:00
1105	50		Bulls.				37	18.50
5407	9.00	8	tonim	sleage bulk	trk		m/c	300.00
4404	1		41/2" 1	top able p	109		42.00	42.00
1143	1 0	301	Sogo	,			36.85	34.85.
1140	,	91	bi-cid	اد	RECE	IVED	27.70	55.40
					KANSAS CORPORA	TION COMMISSION	<u> </u>	
					AUG 1	· · · · ·		
	<u> </u>						<del> </del>	
· · · · · · · · · · · · · · · · · · ·		:			CONSERVAT	ION DIVISION		117111 21
					WICH	ITA, KS	Sutatal CALEGORAN	4714.75
		wose	<u></u>			5.32	SALES TAX ESTIMATED	175. 40
		ب.		660 V	531.		TOTAL	4890.15
THORIZATION	7/1			TITLE			DATE	