ORIGINAL

Kansas Corporation Commission Oil & Gas Conservation Division

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1 September 1999 Form Must Be Typed

Operator: License # 33074	API No. 15 - 125-31621-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	NENESE_Sec5_Twp33_S. R14_
City/State/Zip: Mason MI 48854-0177	2300' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	350' 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: W&A Farlow Trust Well #: C4D-5
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 872' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1515' Plug Back Total Depth: 1508'
OII SWD SIOW CONEMPENTIAL	Amount of Surface Pipe Set and Cemented at 42 Feet
✓ Gas ENHR SIGW SEP 2 4 2008	Multiple Stage Cementing Collar Used?
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 to sx cmt.
Well Name:	A11 71 1/11 12 10 10 10
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan Al+ II NH 13-10-08 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 60 ppm Fluid volume NA bbls
Plug BackPlug Back Total Depth	Dewatering method used Empty w/ vac trk and air dry
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name: Dart Cherokee Basin Operating Co., LLC
	Lease Name: Atherton Family Trust A3-1 SWD License No.: 33074
6-6-08 6-10-08 7-1-08 Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter NE Sec. 1 Twp. 32 S. R. 15
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	· · ·
All requirements of the statutes, rules and regulations promulgated to regula herein 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: De fla corrè	KCC Office Use ONLY
Title: Engr Clerk U Date: 9-24-08	Letter of Confidentiality Attached
Subscribed and sworn to before me this 24 day of Septem k	If Denied, Yes Date:
	Wireline Log Received RECEIVED
20.08	Geologist Report Received AS CORPORATION COMMISSIO
Notary Public: Krandy R ALLCO Notary Public - Mile	CK UIC Distribution
Date Commission Expires: 3-5-2011 Jackson Country Jackson Ex	
Octing in englan My Commission 05, 2011	CONSERVATION DIVISION WICHITA, KS

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Op [®] erator Name: Da	rt Cherokee Basir	n Operating Co., LL	C Lease Name:_	W&A Farlow	Trust	Well #: <u>C4</u>	D-5
Sec. 5 Twp	33 s. R. 14	✓ East West	County: Mon	tgomery			
tested, time tool ope temperature, fluid re-	n and closed, flowing covery, and flow rates	nd base of formations po and shut-in pressures, if gas to surface test, a nal geological well site r	whether shut-in pro along with final char	essure reached s	tatic level, hydros	tatic pressur	es, bottom hole
Drill Stem Tests Take		☐ Yes ✓ No	L	og Formatio	n (Top), Depth an	d Datum	✓ Sample
Samples Sent to Ge		☐ Yes ✓ No		Name Top			Datum
Cores Taken		Yes ✓ No	See	See Attached			
Electric Log Run		✓ Yes No			•	CC	
(Submit Copy)					~ FD	CC 2 4 2008	
List All E. Logs Run:					SEP	C J Cons	. A. C
High Resolution Dual Induction	Compensated De	ensity Neutron &			COM	FIDENT	
		CASING Report all strings set-c	RECORD Ne		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
Sui	rf 11"	8 5/8"	24#	42'	Class A	8	
Pro	d 6 3/4"	4 1/2"	9.5#	1510'	Thick Set	160	See Attached
		ADDITIONAL	CEMENTING / SQL	JEEZE RECORD	 		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Perforate Top Bottom Protect Casing Plug Back TD		#Sacks Used		Type and Per	cent Additives	
Shots Per Foot		N RECORD - Bridge Plug potage of Each Interval Perf			ure, Shot, Cement S ount and Kind of Mate		d Depth
6			1158' - 1163'	150	gal 15% HCl, 39	990# sd, 165	BBL fl
TUBING RECORD	Size 2 3/8"	Set At 1274'	Packer At NA	Liner Run	Yes ✓ No		
Date of First, Resumed	Production, SWD or Enh 7-4-08	r. Producing Metho	od Flowing	✓ Pumping	Gas Lift	Othe	r (Explain)
Estimated Production Per 24 Hours	Oil B	bls. Gas 1	Mcf Wate	r Bbls	s. Gas	:-Oil Ratio	Gravity NA
Disposition of Gas	METHOD OF CO			Production Interva		177	.,,,
Vented ✓ Sold (If vented, Su	Used on Lease	Open Hole Other (Specif		ually Comp.	_		CEIVED PRATION COMMISSION:
						SEP	2 9 2008

CONSERVATION DIVISION WICHITA, KS

Rig Num	oer:	2		S. 5	T. 33	R. 14E
API-No.	15-	125-31621		County:	MG	
а	•	Elev.	872	Location:	NE NE SE	

Operator: Dart Cherokee Basin Operating Co. LLC

Address 211 W Myrtle

Independence, KS 67301

Well No: C4D-5 Lease Name: W & A FARLOW TRUST

Footage Location: 2300 ft. from the SOUTH Line

350 ft. from the EAST Line

Drilling Contractor: McPherson Drilling LLC

Spud date: Geologist: .06/06/2008

Date Completed: .06/10/2008 1515

Total Depth:

Casing Record			Rig Time:			
	Surface	Production				
Size Hole:	11"	6 3/4"	7			
Size Casing:	8 5/8"					
Weight:	20#					
Setting Depth:	42	McPherson				
Type Cement:	Portland		DRILLER:	NICK HILYARD		
Sacks:	8	McPherson				

KCC SEP 2 4 2008 CONFIDENTIAL	
Comments:	
Start injecting @	
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Gas Tests:

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Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Top Btm
soil	0	4	coal	1086	1088		
clay	4	12	shale	1088	1129		
sand	12	19	coal	1129	1130		
shale	19	109	shale	1130	1149		
lime	109	134	sand	1149	1180		
shale	184	292	shale	1180	1362		
lime	292	341	coal	1362	1363		
shale	341	494	shale	1363	1414		
lime	494	508	Mississippi	1414	1515		
shale	508	677					
lime	677	699					
shale	699	746					
lime	746	788	ļ			1	
shale	788	834					
pink lime	884	906				İ	
shale	906	976					
oswego	976	1003					
summit	1008	1018					
ime	1018	1035					
mulky	1038	1046					
ime	1046	1053					RECEIVED
shale	1056	1061					RECEIVED RPORATION COMMISSION
coal	1061	1052					
shale	1062	1086	Note: Oil arour	nd 450, 980	and 1165 feet	SE	P 2 9 2008
						1	ERVATION DIVISION

Received Time Jun. 17. 2008 12:48PM No. 4279

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29/10	71117 F1170

DATE_

P.O. BOX 88	TED OIL WELI 4, CHANUTE, i	(S 66720		a eram	repen	TICKET NUI		14191
620-431 -92 1(OR 800-467-8	676 4	29/10	☐ FIAT	TERED		ICK LEOF	ingo.
, •	۴	Ť	REATMENT	REPORT	& FIELD TI	CKET	CE CEUA	2102
				CEMEN				
DATE	CUSTOMER #	WE	LL NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
6-10-08	2368	FARLOW	W+A trust	C40-5				MG
CUSTOMER	20- (1.			,				
AAILING ADDRE	MLT Cher SS	skie 154.	510	Tones	TRUCK#	DRIVER	TRUCK#	DRIVER
. 01		Y 14.		Jaus	463	Shaman	- RI	do
ITY Y	w. //	STATE	ZIP CODE	-	429	John	SEP 2 h	2008
Toda	verden æ	· KS	1		436	Chris		
OB TYPE LON		HOLE SIZE	67301 63/4"]		<u> </u>	LUNTIU	G 0 00 00
ASING DEPTH	,	DRILL PIPE	679	HOLE DEPTH	15/5	CASING SIZE &		" 9.5"
LURRY WEIGH	- 0 4		49 861	TUBING	70	_	OTHER	
				WATER gal/si	<u>(8, -</u>	CEMENT LEFT	n CASINGO	
	efety meeting	DISPLACEME		PSI /24		RATE		
	o reti	-	up to 4/2	casing.	Break CV	culation L	135 BSI	fiesh
15 Bb1	ruge 6 Se	15 9er+10	sh in/hu	15, 20 C	Sb! Water	space, 10	B51 3000	unter.
		IXM			t cement			
	k. Washart	pump +	ines. shut	dom.	elease plus.	Displace	4/24/2 B	61
	4	sump pres:	tere 700 R	SI. Burp	plus to B	00 PSI NO	+ 5 mm.	ks.
re base p	assur, float	hold Co	od coment c	etucos to	suface =	8 BOI 3/4	rex to ast.	
	·			Mg down			<u> </u>	
<u> </u>			٠ ا					
	· · · · · · · · · · · · · · · · · · ·		"Than	K You"	····			
ACCOUNT								-
CODE	QUANTITY	or UNITS	DES	SCRIPTION of S	SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
5401		-	PUMP CHARGE				925.00	02500
5406	40		MILEAGE .	——————————————————————————————————————			3.65	925.00
					· - · · · · · · · · · · · · · · · · · ·		3.05	146.00
1126A	160	SAS	Chicket a	enest		·	10.00	
1110A	1280 "		8ª Kotseal				17.00	2720.00
	<u></u>		B FOTSELT	<u> </u>			. 42	537.60
11184	300*	-	gel-flush					
1105	50#		bulls	<u> </u>				51.00
1	8.8				•		. 39	19.50
5407			tenmileage				m/c	315.00
55020	3 hrs	· · · · · · · · · · · · · · · · · · ·	80 Bb1 VA			RECEIVED	100.00	300.00
1123	3000 5	15	city water		KANSAS CO	RPORATION COMMIS	14.00 100	47.00
44.0	-					P 2 9 2008		
4404			4/2" top ru	ble plug	St	L	45.00	45.00
1143	194/		3000		CON	SERVATION DIVISION	38.50	38.50
1140 2 gal biride						WICHITA, KS	29.00	58.00
	-							
							Subtotal	5197.60
						5.37	SALES TAX	181.00
		_	ົລ	8815O	····		ESTIMATED	
	ded		<u>U</u>		,		TOTAL	<u>5378.60</u>