KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL September 1999 Form Must Be Typed

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

Operator: License # 33074	API No. 15 - 205-26645-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Wilson
Address: P O Box 177	NENW SE_ Sec23_ Twp30_ S. R15_
City/State/Zip: Mason MI 48854-0177	2525' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	1670' FEL feet 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: Arnold Well #: C3-23 SWD
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 836' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1586' Plug Back Total Depth: 1570'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 44 Feel
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes VNc
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFee
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  12-11-17
Deepening Re-perf Conv. to Enhr./SWD	Chloride content NA ppm Fluid volume 280 bbls
Plug Back Plug Back Total Depth	Dewatering method used Empty w/ vac trk and air dry
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	·
Other (SWD or Enhr.?) Docket No	Operator Name: Dart Cherokee Basin Operating Co., LLC
5-30-06 6-8-06 6-9-06	Lease Name: Orr A1-28 SWD License No.: 33074
Spud Date or Date Reached TD Completion Date or	Quarter NW Sec. 28 Twp. 30 S. R. 15 ✓ East West
Recompletion Date Recompletion Date	County: Wilson Docket No.: D-28282
Kansas 67202, within 120 days of the spud date, recompletion, workov	h 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. 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-	•
All requirements of the statutes, rules and regulations promulgated to regulate the oil and herein are complete and correct to the best of my knowledge.	d gas industry have been fully complied with and the statement
Signature Florida Cource  Title: Engr Clerk pale: 9-13-06	KCC Office Use ONLY  Letter of Confidentiality Attached
Subscribed and sworn to before me this 13th day of Order ler,	If Denied, Yes Date:
Notary Public: Mark K. Gorgh and  Date Commission Expires: 6/5/1/	UIC Distribution SEP 1 8 2006

Operator Name: Da	rt Cherokee Basir	n Operating Co., LL0	C Lease	Name:	Arnold		Well #: C3-	23 SWI	D
Sec. 23 Twp	30 s. R. 15	✓ East West	County	: Wilso	on				
tested, time tool ope temperature, fluid red	n and closed, flowing covery, and flow rates	nd base of formations per and shut-in pressures, of sif gas to surface test, a nal geological well site n	whether sh long with f	nut-in pre	ssure reached s	static level, hydros	tatic pressure	es, botton	n hole
Drill Stem Tests Take		☐ Yes ✓ No		Lo	og Formatio	on (Top), Depth an	d Datum	<b>√</b> 8	Sample
Samples Sent to Geo	ological Survey	☐ Yes ✓ No		Name	9		Тор		Datum
Cores Taken Electric Log Run (Submit Copy)		Yes ✓ No ✓ Yes No		See	Attached				
List All E. Logs Run:									
High Resolution Dual Induction	Compensated De	ensity Neutron &							
		CASING Report all strings set-c		Ne		ion etc			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig	ght	Setting Depth	Type of Cement	# Sacks Used		and Percent
Su	rf 11"	8 5/8"		24#	44'	Class A	8		
Pro	d 7 7/8"	5 1/2"		15.5#	1434'	Thick Set	130	See A	ttached
10 TO 10									
Purpose:	Depth				EEZE RECORD	T	A d d d d d		
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Type of Cement	#Sacks	oseu		Type and re	rcent Additives		
Shots Per Foot		ON RECORD - Bridge Plug footage of Each Interval Perf				eture, Shot, Cement S mount and Kind of Mate		d	Depth
Open Hole			1434	'-1570'		2500 gal 289	% HCI, 245	BBL fl	
		·							. <u></u>
	*****								
TUBING RECORD	Size 2 7/8"	Set At 1399'	Packer A		Liner Run	Yes ✓ No			
Date of First, Resumed	Production, SWD or En								<del></del>
Estimated Production	NA Oil E	Bbls. Gas	Mcf	Flowing			Othe s-Oil Ratio	er (Explain)	Gravity
Per 24 Hours	NA NA	NA NA	IVICI	vvate	NA	Jis. Ge	NA		NA
Disposition of Gas	METHOD OF C	OMPLETION			Production Interv	/al			
Vented Sold (If vented, Sold	Used on Lease umit ACO-18.)	Open Hole Other (Special	Perf.	. D	ually Comp.	Commingled	SE!		
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							KC(	5 WYIC	HITA

## wichnerson Drilling LLC **Drillers Log**

Rig Nับmber: S. 23 T. 30 R. 15 E API No. 15- 205-26645-00-00 County: Wilson Elev. 836 Location: NE NW SE

Operator: Dart Cherokee Basin Address: 211 W Myrtle

Independence, KS 67301 Well No: C3-23 SWD

Footage Location:

Lease Name: Arnold 2525 ft. from the

South Line 1670 ft. from the East Line

Drilling Contractor: McPherson Drilling LLC

Spud date: 5/30/2006

Geologist:

Date Completed: 6/2/2006 Total Depth: 1478

Casing Recor			Rig Time	
	Surface	Production		
Size Hole:	11"	7 7/8"	<del> </del>	
Size Casing:	8 5/8"	McPherson		
Weight:	22	1.010011		
Setting Depth:	45		- 1	•
Type Cement:		McPherson	Drillon	
Sacks:		McPherson.	Driller:	Jeremiah

Gas Tests:		
Comments:		
Start injecting @	133	

Formation	Top	Btm	Formetien	Well Log				
Formation Soil/Clay Sand Shale Lime Shale Lime Sand	12 19 101 118 215 284	12 19 101 118 215 284 302	Formation Coal Shale Coal Shale Sand (oil) Coal Sandy Shale	856 857 905 906 911 933 934	857 905 906 911 933 934 950	Formation	Тор	Btm.
sinale Lime Shale Lime Shale Shale Shale Shale Shale Ik. Shale	302 341 364 650 671 685 711 731 740 752 759 765 797 798 817 818 824	341 364 650 671 685 711 731 740 752 759 765 797 798 817 818 824 856	Shale Coal Shale Sand (oil) Shale Sand (gas) Coal Sand (water) Miss. Lime Shale Lime Arbuckle	950 965 966 985 1002 1035 1106 1109 1159 1415 1434 1468	965 966 985 1002 1035 1106 1109 1415 1434 1468 1478 TO		EIVED 8 2006 ICHITA	

## Michinerson Drilling LLC Drillers Log

Rig Namt	2011	~				
		4		S. 23	T. 30	R. 15E
API No.	15-		645-00-00	County:	Wilson	
	š	Elev.	836	Location:	NE NW S	3E

Operator:

Dart Cherokee Basin

Address:

211 W Myrtle

Independence, KS 67301

Well No:

C3-23 SWD

Lease Name:

Arnold

Footage Location:

2525 ft. from the

South

East

1670 ft. from the

Line Line

Drilling Contractor:

McPherson Drilling LLC

Spud date:

Geologist:

Date Completed: 6/8/2006 Total Depth: 1586 **Casing Record** Rig Time: Surface **Production** Size Hole: Size Casing: Weight: Setting Depth: Type Cement: Driller: Jeremiah Sacks:

Gas Tests:	
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Comments:	
Start injecting @	

Eormotio:	Т —		Well Log	ell Log					
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation			
Rubber	1434	1435				Formation	Тор	Btm	
Aluminum	1435	1436							
Cement	1436	1478							
Arbuckie	1478	1586				1			
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