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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

ORIGINAL

Operator: License # 33074	API No. 15 - 205-26028-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Wilson
Address: P O Box 177	SWSESE_Sec36_Twp29_S. R14_
City/State/Zip: Mason MI 48854-0177	390' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	970' 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: Harshaw Well #: D4-36
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 854' Kelly Bushing:
✓ New Well Re-Entry Workover	Total Depth: 1304' Plug Back Total Depth: 1301'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 43 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 tosx cmt.
Well Name:	ALL 7 00 900 00
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AH. I SB 8-22-D8 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content NA ppm Fluid volume 780 bbls
Plug Back Plug 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
5-9-05 5-11-05 5-26-05	Lease Name: Frey B4-12 SWD License No.: 33074
Spud Date or Date Reached TD Completion Date or	Quarter NE Sec. 12 Twp. 30 S. R. 14
Recompletion Date Recompletion Date	County: Wilson Docket No.: D-28438
INSTRUCTIONS: An original and two copies of this form shall be filed with	n the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita,
Kansas 67202, within 120 days of the spud date, recompletion, workov	er 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- and geologist well report shall be attached with this form. ALL CEMENTING
TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	* * .
All requirements of the statutes, rules and regulations promulgated to regular 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: Sette Uswald	KCC Office Use ONLY
Title: Admn Engr Aset Date: 9-29-05	Letter of Confidentiality Attached
Title: Admn Engr Asst Date: 9-29-05 Subscribed and sworn to before me this 29th day of Saptember	If Denied, Yes Date:
20 0556 2 3 3	Wireline Log Received
	Geologist Report Received
Notary Public: 100 St. KAREN L. WELL	F
Date Commission Expires: Notary Public - M	
My Commission Expires	s Mar 3, 2007
Acting in the County	or ingnam (

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Operator Name: Dart (Cherokee Basin (Operating Co., LL	C Leas	e Name: H	larshaw	·····	Well #: _D4-	36	
Sec. 36 Twp. 29	s. R. <u>14</u>	/ East West	Count	ty: Wilso			·		
NSTRUCTIONS: Show ested, time tool open at emperature, fluid recove Electric Wireline Logs st	nd closed, flowing ar ery, and flow rates if	nd shut-in pressures, gas to surface test, a	whether s long with	hut-in pres	ssure reached sta	atic level, hydrosi	tatic pressure	es, bottom	hole
Orill Stem Tests Taken (Attach Additional She	eets)	☐ Yes ✓ No	,	Lo	g Formation	(Top), Depth an	d Datum	√ Sa	ample
Samples Sent to Geolog	gical Survey	☐ Yes ✓ No		Name)		Тор	Da	atum
Cores Taken		Yes ✓ No		See A	Attached				
Electric Log Run (Submit Copy)		✓ Yes No							
ist All E. Logs Run:									
High Resolution Co Dual Induction	ompensated Den	sity Neutron &							
		CASING Report all strings set-	RECORD conductor, s	Nev surface, inter		n, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)		eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used		nd Percent ditives
Surf	11"	8 5/8"		24#	43'	Class A	8		
Prod	6 3/4"	4 1/2"	,	10.5#	1301'	Thick Set	135	See Att	tached
		ADDITIONAL	CEMENT	ING / SQU	EEZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sack	s Used		Type and Per	rcent Additives		
Shots Per Foot		RECORD - Bridge Plug		e		ire, Shot, Cement S		d	
Onots Fer Foot	Specify Foo	tage of Each Interval Per	· · · · · · · · · · · · · · · · · · ·		(Amo	unt and Kind of Mate	erial Used)		Depth
			See A	ttached			F	RECE	IVED
							0	ICT 03	2005
							K	CC W	CHIT
TURING RECORD	Cito	Sot At	Dacin-	^+	Liner Run	*			
TUBING RECORD	Size 2 3/8"	Set At 1254'	Packer NA			Yes ✓ No			_
Date of First, Resumed Pr	oduction, SWD or Enhr. -7-05	Producing Meth	nod	Flowing	✓ Pumping	Gas Lift	Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil Bbl	1	Mcf	Wate		s. Ga	s-Oil Ratio		Gravity
Disposition of Gas	NA METHOD OF COM	4PLETION			39 Production Interva		NA		NA
	_		5	a 15	_	_			
Uented ✓ Sold (If vented, Sumi	Used on Lease (ACO-18.)	Open Hole Other (Spec	Per ify)	U	ually Comp.	Commingled 			

McPherson Drilling LLC Drillers Log

Rig Number: S.26 T. 29 14 E API No. 15- 205-26028 County: Wilson Elev. 854' Location:

Operator: Dart Cherokee Basin Operating Co. LLC Address: 3541 CR 5400 Independence, KS 67301

Harshaw Hanshaw Well No: Lease Name: Footage Location:

390 ft. from the South Line

970 ft. from the East Line

Drilling Contractor: McPherson Drilling LLC

Spud date: 5/9/2005 Geologist:

Date Completed: 5/11/2005 Total Depth: 1304

Casing Record			Rig Time:			
	Surface	Production				
Size Hole:	11"	6 3/4"				
Size Casing:	8 5/8"					
Weight:	20#		•			
Setting Depth:	43'	McP	1 day booster			
Type Cement:	Portland		Driller - Andy Coats			
Sacks:	8	McP	- Tinay Coats			

Gas Tests:			
			-
		•	
omments:			

Formation	Тор	Btm.	Formatica	Well Log				
soil			Formation	Тор	Btm.	Formation	Тор	Btm.
lime	0	7	coal	751	753	shale	1141	1145
	7	105	lime	753	771	Mississippian	1145	1304
shale	105	190	sand shale	771	811			
black shale	190	193	Oswego	811	836			
shale	193	198	Summit	836	843			
sand	198	301	Oswego	843	854			
sand shale	301	339	Mulky	854	862			
lime	339	410	Oswego	862	866			
shale 	410	431	shale	866	907			
lime	431	481	coal	907	909			
shale	481	501	shale	909	928	}		
lime	501	527	coal	928	930	_	ir/cu	/FD -35
shale	527	555	shale	930	970	F	RECEIV	'ED
lime	555	565	coal	970	972	٠ ،	OCT 03	วกกร
shale	565	572	shale	972	1016			
lime	572	610	coal	1016	1018	K(CC WIC	HITA
sand shale	610	632	shale	1018	1043			
sand	632	641	coal	1043	1045			
sand shale	641	659	shale	1045	1079			
ime	659	378	coal	1079	1081			
sand shale	378	689	shale	1081	1126			
sand	689	747	coal	1126	1128			
ime	747	751	shale	1128	1140			
			coal	1140	1141			
			10001	1140	1141			,

AUTHORIZTION_

TICKET NUMBER 3890

LOCATION EUREKA

FOREMAN KEVIN MCCoy

DATE_

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER#	WEL	L NAME & NUMI	BER	SECTION	TOWNSHIP	RANGE	COUNTY	
5-12-05	(2368	HARSHAW D4-36			36	295	14E	WILSON	
CUSTOMER	_				A HELDON AND COMMEN		rie de servici	1984 (ABL-1871-173)	
DAR	T CheroKe	e BASIN		Gus	TRUCK#	DRIVER	TRUCK#	DRIVER	
MAILING ADDRESS			Jones	445	RICK				
	Co. Rd. 5	400			441	LARRY			
CITY		STATE	ZIP CODE]		/			
Indepen	<i>idence</i>	KS	67301						
JOB TYPE LONG STRING HOLE SIZE 63/4 HOLE					1304'	CASING SIZE & W	EIGHT 4/2 /	0.5 * NEW	
CASING DEPTH	1302	DRILL PIPE		TUBING		<u></u>	OTHER		
SLURRY WEIGHT 13.2 # SLURRY VOL 41 BbL W			WATER gal/sl	k <u>8.</u> °	CEMENT LEFT in	CASING O			
DISPLACEMENT 20.75 BbL DISPLACEMENT PSI 500 MIX					O Bump Plug	RATE			
REMARKS: SA	Fety Meer	Ing: BI	g up to	45 CASI	va. BREAK	CIRCULATI	on w/4	10 BbL	
TRESH L	uatee. Pun	10 4 5KS	Gel th	ush w/ 1	Yulls, 10 Be	bL FOAMER	10 BbL +1	resh	
water.	MIXED 135	5K5 Thi	ck Set (Ement	W/ 8# KOL	L-SeAL Porl	SK @ 13.	2 # per/gal	
yield 1.7	WATER. MIXED 135 SKS Thick Set Cement W/ 8# KOL-SEAL PORISK @ 13.2 # PORIGAL YIELD 1.73. WASH OUT PUMP & LINES. Shut down. Release Plug. DISPIACE W/								
20.75 B	20.75 Bbl Fresh water. Final Pumping Pressur 500 PSI. Bump Plug to 1000 PSI.								
WAIT 2	minutes	. Release	PRESSUR	FlOAT	- Held. SI	but Casing	1N (0) 0	PS1.	
Good (

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE	765.00	765.00
5406	36	MILEAGE	2.50	90.00
1126 A	135 sks	Thick Set Cement	13.00	1755.00
1110 A	21 sks	Kól-Seal 8# Per Jsk RECEIVED	16.90	354.90
		RECEIVED		
1118 A	4 5ks 50#	Gel Flush OCT 0 3 2005	6.63	26.52
1105	1 sk	Hulls	14.50	14.50
5407	7.42 TONS	TON MILLAGE KCC WICHITA	MIC	240.00
4404	1	42 Top Rubber Plug	38.00	38.00
1238	1 gAL	SOAP	32.15	32.15
1205	2 gAL	BI-Cide (Mixed w/ water)	24.15	48.30
				·
				22/11
		Thank you 6.3%	Sub TotAL	3364.37
<u></u>		/hank you 6.3%	SALES TAX	137.90
•		107289	ESTIMATED TOTAL	3502.27