

Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

6/19/10

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33074	API No. 15 - 205-27438-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Wilson
Address: P O Box 177	
City/State/Zip: Mason MI 48854-0177	4700' FSL feet from S / N (circle one) Line of Section
Purchaser: Oneok	760' 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: M&J Huser Well #: A4-16
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 925' Kelly Bushing:
New Well Re-Entry	Total Depth: 1457' Plug Back Total Depth: 1443'
Oil SWD SIOW Memp Abd.	Amount of Surface Pipe Set and Cemented at 43 Feet
Gas ENHR SIGW	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:	0.00
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
3-21-08 3-25-08 6-11-08	Lease Name: License No.: Licens
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp. S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
	1
	or or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 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 Submit CP-111 form with all temporarily abandoned wells.
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.	or or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 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 Submit CP-111 form with all temporarily abandoned wells.
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•	rt Cherokee Basi 30 s. R. 14	n Operating Co., LLC ✓ East West	C Lease No				Well #: <u>A4</u>	-16
ested, time tool oper emperature, fluid red	n and closed, flowing covery, and flow rates	nd base of formations pe and shut-in pressures, v if gas to surface test, al nal geological well site re	whether shut- long with fina	in press	ure reached st	tatic level, hydros	static pressur	es, bottom hole
Orill Stem Tests Take (Attach Additional		☐ Yes ✓ No		Log	Formation	n (Top), Depth ar	nd Datum	✓ Sample
amples Sent to Geological Survey ☐ Yes ✓ No				Name Top D			Datum	
Cores Taken Yes ✓ No				See At	tached			
lectric Log Run (Submit Copy)	•	√ Yes No						RECEIVED
ist All E. Logs Run:							KANS	AS CORPORATION COMMIS
High Resolution Dual Induction	Compensated\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			! !				JUN 2 3 2008
	JUN	1.9 2008		:				CONSERVATION DIVISION WICHITA, KS
		KCC CASING		New	Used			
Purpose of String	Size Hole Drilled	Report all strings set-co Size Casing Set (In O.D.)	onductor, surface Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Sui	rf 11"	8 5/8"		24#	43'	Class A	8	
Pro	d 6 3/4"	4 1/2"	9	9.5#	1451'	Thick Set	150	See Attached
		ADDITIONAL	CEMENTING	/ SQUEE	ZE RECORD			
Purpose:	Depth Top Bottom	Type of Cement #Sac		ed	Type and Percent Additives			
Protect Casing Plug Back TD Plug Off Zone								
Shots Per Foot		DN RECORD - Bridge Plugs ootage of Each Interval Perf			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
6			1263' - 1	1265'	3055# sd, 120 BBL fl			
6			1109' - 11	10.5'	100 gal 15% HCl, 2300# sd, 100 BBL fl			
6			999' - 10	02.5'	100 gal 15% HCl, 7000# sd, 155 BBL fl			5 BBL fl
6			889' - 8	90.5'	100	gal 15% HCl, 2	285# sd, 175	5 BBL fl
TUBING RECORD	Size	Set At	Packer At	1	iner Run			·
OBINO RECORD	2 3/8"	1400'	NA			Yes ✓ No		
•	Production, SWD or En	hr. Producing Metho		lowing	✓ Pumping	Gas Lift	Othe	er (Explain)
stimated Production	6-14-08 Oil E	Bbls. Gas I	Mcf	Water	Bbl		s-Oil Ratio	Gravity
Per 24 Hours	NA	3			26		NA	NA
Disposition of Gas	METHOD OF C	OMPLETION		P	roduction Interva	al		
Vented ✓ Sold (If vented, Su	Used on Lease	Open Hole Other (Specif	Perf.	Dua	lly Comp.	Commingled		

Rig Number:		3 MAC		S. 16	T. 30	R. 14e
API No.	15-	205-27438	e a - 1	County:	WL	
		Elev.	925	Location:	NW NE NE	

Operator: Dart Cherokee Basin Operating Co. LLC

211 W Myrtle Address:

Independence, KS 67301

Well No:

Lease Name:

M & J HUSER

Footage Location:

4700 ft. from the

South Line

760 ft. from the

East Line

Drilling Contractor: Spud date:

McPherson Drilling LLC

3/21/2008

Geologist:

Date Completed:

3/25/2008

Total Depth: 1457

> Comments: Start injecting @

Gas Tests:

Casing Record		Rig Time:	Rig Time:		
	Surface	Production	NF DENTIAL		
Size Hole:	11"	6 3/4"	MUDENTIAL	,	
Size Casing:	8 5/8"	JL	JN 1 9 2008	1	
Weight:	20#				
Setting Depth:	43'	McPherson	KCC	1 .	
Type Cement:	Portland		Driller:	Mac McPherson	
Sacks:	8	McPherson			

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
soil/clay	0	6	shale	1011	1057			
shale	6	76	coal	1057	1058			
lime	76	92	shale	1058	1068			
shale	92	407	coal	1068	1069			
lime	407	417	shale	1069	1108			
shale	417	469	coal	1108	1109			
lime	469	581	shale	1109	1183			
shale	581	609	coal	1183	1185			
lime	609	631	shale	1185	1262			
shale	631	635	coal	1262	1263			
lime	635	662	shale	1263	1306			
coal	662	663	Miss lime	1306	1457 TD			
shale/sand	663	761		F +				
lime	761	770						
shale/sand	770	886						
lime	886	888		!				
coal	888	890						
lime	890	917						
shale	917	959						
oswego lime	959	987	·					
summit	987	994		RECE!	VED			
lime	994	1001	KANS	SAS CORPORATI	ON COMMISSION			
mulkey	1001	1006		JUN 2 3	2008			
lime	1006	1011		4		}		
<u></u>	·			CONSERVATION WICHIT	N DIVISION			

TICKET NUMBER	13801
LOCATION	Eureka
FOREMAN	y Strekler

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER#	WE	LL NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-26-08	2368	Huser	M+J A4-	-16				wilson
CUSTOMER					1000000			
Dart	Charoter B	<i>ح</i> 5'^			TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	SS	1			520	Cliff		
211	w. Mystle				575	Jerrid		
CITY	,	STATE	ZIP CODE		,			
Indoor	dence	Ks_	67301	_][1
JOB TYPE		HOLE SIZE_	634"	HOLE DEPTH	1457'	CASING SIZE & W	reight <u>4多"</u>	9.5*
CASING DEPTH	1451'	DRILL PIPE_		_			OTHER	
SLURRY WEIGH	IT	SLURRY VOL	46.2851	WATER gal/sk	8 4	CEMENT LEFT in	CASING_Q'	
	23.564		NT PSI 200		<u> </u>			
REMARKS: _S	Seh Meet	ei Rig wa	to 45"	Casing.	Break Chi	auktin w/	30.061 W	eter.
Reap 4	ck Gel -1	Tuck w/	Hulls. 51	Pl water	10861 5	00, 10BH L	atr, 14	BLI Dye
Mixed	ISDeke	Thick	et Ceme	nt w/ 8	# Kol-See	@ 13.2 M	afel ho	th out
Aury &	lines i	Relegge	Plus - Dis	place w/	23.5BH	mater. Fo	nel Bog	Dig Arome
700 PSI	· ·	Pla to	1200 PS	I wait	Smints	Referse	Pressure.	Flort
Held.	Goodien	Comen +	to su	rfoce =	8 BL1	Stay to A	74.	
	CONTID	ENTIAL				Jub	Complete	
	JUN 1	9 2008		· · · · · · · · · · · · · · · · · · ·				

	KUU	<u> </u>		
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	875.00	875.00
5406	Чо	MILEAGE	3.45	/34.00
1126A	150sks	Thick Set Comment	16.20	24.70.∞
1110A	1200 A	Thick Set Comment Kol-Seel 8+ Reft	140*	480.00
SYOT	<u> </u>	Ton-miloge	ME	300.00
11184	200#	Gel-Flush	./6"	32.00
1105	So#	Hulls	.37"	18-50
4404	1	45° Top Rubber Aly	42 au	42.00
1143	lsəl	Seep	36.85	34.55
INOT	2901	Bi-cide	21.10	55.40
	RECEIV KANSAS CORPORATIO	ON COMMISSION		
	'			
	JUN 23	2008	Sal Tufel	1401 1º
	CONSERVATION	N DIVISION	SALES TAX	189.17
,,	WICHITA		ESTIMATED TOTAL	459693