.. CONFIDENTIAL

Octing in Ingham
Date Commission Expires:

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM L HISTORY - DESCRIPTION OF WELL & LEASE

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

Operator: License # 33074	API No. 15 - 125-31365-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	
City/State/Zip: Mason MI 48854-0177	4620' 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 COMFIDENTIAL	Lease Name: Atherton et al Well #: A4-2
License: <u>5675</u>	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 802' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1305' Plug Back Total Depth: 1300'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 44 Feet
GasENHRSIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
f Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to sx cmt.
Well Name:	11/4/17 2/22
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AHAW 2007 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content NA ppm Fluid volume 90 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
5-17-07 5-21-07 6-26-07	Lease Name: Atherton Family Trust A-1 SWD License No.: 33074
Spud Date or Date Reached TD Completion Date or	Quarter NE Sec. 1 Twp. 32 S. R. 15 Fast West
Recompletion Date Recompletion Date	County: Montgomery Docket No.: D-28620
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	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-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 regulations promulgated to regulations are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
Signature: Rior Cove	KCC Office Use ONLY
Title: Enar Clerk Date: 97-1/-07	Letter of Confidentiality Attached
Subscribed and sworn to before me thisday of _Septembe	If Denied, Yes Date:
	Wireline Log Received
20.07	Geologist Report Received RECEIVED
Votary Public Brands R. allcock	LUC Distribution KANSAS CORPORATION COMMI

BRANDY R. ALLCOCK

Notary Public - Michigan Jackson County My Commission Expires March 05, 2011

CONSERVATION DIVISION WICHITA, KS

Operator Name: Dai	rt Cherokee Basir	Opera	ting Co., LLC	Lease	e Name:_	Atherton et al		Well #: A4-	2
Sec2 Twp3	32 s. R. 15	✓ East	t West	Count	y: Mont	gomery			
INSTRUCTIONS: Statested, time tool oper temperature, fluid rec Electric Wireline Logs	n and closed, flowing covery, and flow rates	and shut if gas to	-in pressures, v surface test, al	vhether s ong with	hut-in pre	ssure reached s	static level, hydros	tatic pressure	s, bottom hole
Drill Stem Tests Take (Attach Additional		Y€	es ✓ No	W - 1 € - 1	Lo	og Formatio	on (Top), Depth an	d Datum	✓ Sample
Samples Sent to Geo	ological Survey		es <b>√</b> No		Name	Э		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		Y€ <b>√</b> Y€	es 🗸 No es No		See	Attached		KC(	~
List All E. Logs Run:							©1	9000 11 21 P	
High Resolution Dual Induction	Compensated De	ensity Ne	eutron &					nfider	
, , , <u>, , , , , , , , , , , , , , , , </u>	-11-11	Repor	CASING F		Ner surface, inte	w Used rmediate, producti	on, etc.		
Purpose of String	Size Hole Drilled		e Casing (In O.D.)		eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Sur	f 11"		8 5/8"		24#	44'	Class A	8	
Pro	d 6 3/4"		4 1/2"		9.5#	1299'	Thick Set	135	See Attached
Purpose:	Depth	<del></del>			T	EEZE RECORD			
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Туре	of Cement	#Sack	s Used		Type and Pe	rcent Additives	
						<del></del>		· · · · · ·	
Shots Per Foot			D - Bridge Plugs Each Interval Perf				ture, Shot, Cement S sount and Kind of Mat		d Depth
6		*****		1142	2' - 1144'	10	0 gal 15% HCl, 1	600# sd, 145	BBLfl
			(	CIBP set	@ 1134'				
4		7		1094	4' - 1095'	10	0 gal 15% HCl, 2	220# sd, 120	BBL fl
6	· · · · · ·	936.5' - 938.5' 100 gal 15% HCl, 1480# sd, 85 BBL fi						BBL fl	
TUBING RECORD	Size 2 3/8"	Set At 1119	9'	Packer /		Liner Run	Yes ✓ No		
Date of First, Resumed	Production, SWD or En	hr.	Producing Metho	od	Flowing	<b>√</b> Pumpin	g Gas Lift	Othe	r (Explain)
Estimated Production Per 24 Hours	Oil E	3bls.	Gas I	Mcf	Wate	r Bb	ols. Ga	s-Oil Ratio	Gravity NA
Disposition of Gas	METHOD OF C	OMPLETIC				Production Interv	/al		
Vented ✓ Sold (If vented, Su	Used on Lease		Open Hole Other (Specif	Per	f. D	ually Comp.	Commingled		ECEIVED PORATION COMMISS

SEP 1 4 2007

## McPherson Drilling LLC **Drillers Log**

Rig Number: 2 **S.2** T.32 R.15e API No. 15- 125-31365-0000 County: MG Elev. 802 Location: C-NE-NE

Operator:

Dart Cherokee Basin Operating Co. LLC

Address:

211 W Myrtle

Independence, KS 67301

Well No:

A4-2

Lease Name:

Atherton et al

Footage Location:

4620

ft. from the

660

ft. from the

South

Line East Line

Drilling Contractor: Spud date:

McPherson Drilling LLC 5/17/2007

Geologist:

Date Completed:

5/21/2007

Total Depth:

1305

	<i>:</i>
KCC SEP 1 1 2007 COMFIDENTIAL	
Comments: Start injecting @	
Clart injecting @	

Gas Tests:

Casing Record			Rig Time:	
<u> </u>	Surface	Production		
Size Hole:	11"	6 3/4"		
Size Casing:	8 5/8"	McPherson		
Weight:	20#			
Setting Depth:	43	McPherson		
Type Cement:	Portland		Driller:	Harold Groth
Sacks:	8	McPherson	ŀ	

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
Soil	0	3	Mulky	772	780		•	
Shale	3	46	Lime	780	782			
Lime	46	52	Shale	782	784			
Shale	52	106	Lime	784	787			
Lime	106	108	Shale	787	799	j		
Shale	108	126	Coal	799	800			
Lime	126	139	Shale	800	820			
Shale	139	172	Coal	820	821			
Lime	172	230	Shale	821	861			
Shale	230	303	Coal	861	862			
Lime	303	319	Shale	862	914			
Shale	319	432	Coal	914	915			
Lime	432	434	Shale	915	938			
Shale	434	440	Coal	938	939			
Sandy Shale	440	456	Shale	939	983			
Shale	456	470	Coal	983	984			
Lime	470	484	Shale	984	1094			
Shale	484	549	Coal	1094	1095			
Sandy Shale	549	619	Shale	1095	1140	:		
Pink	619	636	Coal	1140	1141			
Shale	636	708	Shale	1141	1155	KANSAS	RECEIVE ORPORATION (	
Oswego	708	738	Mississippi	1155	1305	MINAMO	ONFORMION	OIMMISSIUI
Summit	738	751	1			S	EP 14 20	107
Lime	751	772					ISERVÁTION DI WICHITA KS	VISION

P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676 KCC SEP 1 1 2017

LOCATION ECON MCGy

## COMFIDENTIAL FORI TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER#	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
5-22-97	2368	Athent	on etal	A4-2		•	<u> </u>	MG
CUSTOMER						PROGRESSION S		100
		okee Br	151N	_ 6 <i>us</i>	TRUCK #	DRIVÉR	TRUCK#	DRIVER
MAILING ADDRE				Jones	445	Justin		
211	w. myr	<i>tL</i> e		Rig 1	439	JeFF		
CITY STATE ZIP CODE				7 '				
Indepen	vdence	Ks	67301					
JOB TYPE	gstring	HOLE SIZE_	63/4	 _ HOLE DEPTH	1305	CASING SIZE & WI	EIGHT 4	2 5 From
CASING DEPTH	1299	DRILL PIPE		TUBING			OTHER	
SLURRY WEIGH	ıт <i>]3.2</i> ₩	SLURRY VOL	42 BbL			CEMENT LEFT IN C	ASING O	
DISPLACEMENT	22 BbL	DISPLACEME	NT PSI 700	MK PSI /26	O Bune Plug	RATE		
REMARKS: S						CIRCUlation	and see	BAL
Fresh w	Atec. Pum	0 4 SKT 6	sel frush	w/ Hell's	10 866 -	emer 10 B	L cuptur	Sagge R.
Mixed 1.	35 SKS 7	VICK SET	CEMENT	w/8"	166-5006 1	Per/SK @ 13	24 114	well world
1.73 . w	ash out P	ump & Li	nes- shu	tobun.	Rokare P	40. Displa	se us a	
						Pho to 12		west 5
						9 ING OI		
Retypus	to SURI	FACE = 9	2866 5h	wacy. Jo	b Complet	e. Rig dou	Mai	_
						7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	· • · · · · · · · · · · · · · · · · · ·	

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	840. 00	# No. 00
5406	40	MILEAGE	3.80	132.00
1126 A	135 sks	THICK Set Coment	15.40	F079.00
1110 A	/080 <sup>4</sup>	THICK Set Coment. KOL-SEAL 8 + POUJEK	.31	760. 1/0
1118 A	200 H	Gel flush	.15	30.00
1105	50 <b>*</b>	Hulls	.36 "	18-00
5407	7.42 TONS	Ton MileAge BULK TRUCK	MIC	\$5.00
4404		41/2 Top Rubber Plug	16.00	11.00
1238	1 986	Sago	35.43	1. 15
1205	2 gals	BI-CIAL RECEIVED  KANSAS CORPORATION COMMISSIO	26.45	
		SEP 1 4 2007		
		CONSERVATION DIVISION WICHITA, KS	GJ TANK	15
		THANK Vou 5.3%	SALES TAX	136.60
	RIC	1 313618	ESTIMATED TOTAL	4457.75

AUTHORIZATION Week Consider

TITLE

...