KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE ORGINAL Form ACC-1 September 1999 Form Must Be Typed 3/24/10

Operator: License # 33074	API No. 15 - 205-27364-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Wilson
Address: P O Box 177	NW NW_ Sec13 Twp30 S. R14
City/State/Zip: Mason MI 48854-0177	4675' FSL feet from S / N (circle one) Line of Section
n . Oneok	4730' 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: Macheers Family Trust Well #: A1-13
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 930' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1381' Plug Back Total Depth: 1375'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 43 Feet
✓ GasENHRSIGW	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 to w/sx cmt.
Well Name:	·
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AH II NJ SOTO 9 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content NA ppm Fluid volume 70 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., LLC
	Lease Name: Porter et al D1-9 SWD License No.: 33074
12-12-07 12-14-07 1-3-08 Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter SW Sec. 9 Twp. 30 S. R. 15
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	n the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, 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 82-3-130) and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulaterin 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: May COUL	KCC Office Use ONLY
itle: Engr ClerK Date: 3-24-08	Letter of Confidentiality Attached
subscribed and sworn to before me this <u>24</u> day of <u>March</u>	If Denied, Yes Date:
<u>008 · </u>	Wireline Log Received RECEIVED KANSAS CORPORATION COMMISSION Geologist Report Received
a U I arang Dubl	ALCOCK UIC Distribution MAR 2 7 2008
Date Commission Expires: 3-5-2011 Nordry Jackson Letting in Elitaham My commis March 0	SION EXPIRES CONSERVATION DIVISION

•	rt Cherokee Basii	n Operating Co., LL ✓ East West	.C Lease Name: County: Wils		mily Trust	Well #: A1	-13	
INSTRUCTIONS: S tested, time tool ope temperature, fluid rec	how important tops a n and closed, flowing covery, and flow rates	nd base of formations particles and shut-in pressures, if gas to surface test, and geological well site	penetrated. Detail a whether shut-in pro along with final cha	III cores. Report	static level, hydros	static pressur	es, bottom hole	
Drill Stem Tests Take (Attach Additional		☐ Yes ✓ No	· L	.og Formatio	on (Top), Depth ar	nd Datum	✓ Sample)
Samples Sent to Geo	,	∏Yes ✓ No	Nam	ne		Тор	Datum	
Cores Taken	ological Califor	Yes ✓ No	See	Attached				
lectric Log Run (Submit Copy)		✓ Yes No				CONF	IDENTIAL	
ist All E. Logs Run:						MAR	2 4 2008	
High Resolution Dual Induction	Compensated De	ensity Neutron &				V	KCC	
		CASING Report all strings set-	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 Perc Additives	ent
Sui	rf 11"	8 5/8"	24#	43'	Class A	8		
Pro	d 6 3/4"	4 1/2"	9.5#	1375'	Thick Set	145	See Attache	d
***************************************		ADDITIONAL	. CEMENTING / SQL	IEEZE DECODO				
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement	#Sacks Used	DEEZE RECORD	Type and Per	cent Additives		
Plug Back TD Plug Off Zone				·				
Shots Per Foot		N RECORD - Bridge Plug potage of Each Interval Per			ture, Shot, Cement S ount and Kind of Mate		d Dep	oth
6		1244' - 1249	9' / 1233' - 1237.5'	150 gal 15% HCl, 30 ball sealers, 30 BBL fl				
TUBING RECORD	Size 2 3/8"	Set At 1357'	Packer At NA	Liner Run	Yes ✓ No	- 4-7-		
Pate of First, Resumed	Production, SWD or Ent	r. Producing Meth	od Flowing	y ✓ Pumping	g Gas Lift	Othe	r (Explain)	
stimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	r Вы	s. Gas	s-Oil Ratio	Gravit NA	-
isposition of Gas	METHOD OF CO	MPLETION		Production Interv	al	-		
Estimated Production	Production, SWD or Enh 1-6-08 Oil B NA METHOD OF CO	nr. Producing Meth	od Flowing Mcf Wate	r вы	g Gas Lift s. Gas	s-Oil Ratio NA	Gravit	ED

McPherson Drilling LLC **Drillers Log**

ig Number: 3 S. 13 T. 30 R. 14E PI No. 15- 205-27364 County: **WILSON** Elev. 930 Location: NW NW NW

Dart Cherokee Basin Operating Co. LLC perator:

211 W Myrtle :asenbk

ootage Location:

illing Contractor:

oud date:

Independence, KS 67301

ell No: A1-13 Lease Name: **MACHEERS FAMILY**

4730

ft. from the South Line ft. from the East Line

McPherson Drilling LLC

12/12/2007

4675

Geologist:

ate Completed: 12/14/2007 Total Depth: 1381

asing Record			Rig Time:				
	Surface	Production					
ze Hole:	11"	6 3/4"		Ì			
ze Casing:	8 5/8"						
eight:	20#		 	l .			
etting Depth:	43	McPherson	i kalika.				
rpe Cement:	Portland		~£.	Driller:	MAC MCPHERSON		
acks:	8	McPherson					

	-3
Gas Tests:	
	CONFIDENTIAL MAR 2 4 2008 KCC
Comments:	•
Start injecting	n @
	,

Well Log									
ormation	Тор	Btm.	Formation	Top	Btm.	Formation	Тор	Btm.	
oil	0	4	lime	835	853				
ау	4	6	shale	853	893				
ne	6	47	oswego lime	893	914				
ale	47	85	summit	914	923				
ne	85	97	lime	923	937				
ale	97	212	mulky	937	942				
nd	212	240	shale	942	984				
ale	240	377	lime	984	986				
ne	377	383	coal	986	988		•		
ale	383	408	shale	988	1002				*,≖
ne	408	501	coal	1002	1003				<u> </u>
ale	501	542	shale	1003	1043			•	
ne	542	560	coal	1043	1044	1		•	}
ale	560	599	shale	1044	1075	ŀ			
ne	599	611	coal	1075	1076	}			
ale	611	644	shale	1076	1225				
ne	644	648	coal	1225	1227				
ale sand	648	661	shale	1227	1233				
ne	661	665	Mississippi	1233	1381				
ale	665	692				1.			
ne	692	696						RECEIVE CORPORATION	D
ale	696	826					KANSAS	CORPORATION	COwwis
ne	826	829					1	MAR 272	b08
ale	829	835							l
							C	ONSERVATION	DIMPRON

CONFIDENTIAL

CONSOLIDATED OIL WELL SERVICES, LLC P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

MAR 2 4 2008

13382 TICKET NUMBER_ LOCATION EDICA FOREMAN RICK LAS

TREATMENT REPORT & FIELD TICKET **CEMENT**

DATE	CUSTOMER#	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
12-14-07	2368	MACHE	es Fanny 1	not Al-13				Lilen
CUSTOMER								
\mathcal{T}	ART Cheso	war Ras	in	645 Janes	TRUCK#	DRIVER	TRUCK #	DRIVER
MAILING ADDRI				7 5667	463	Kyle		
2	IL W. M)y/the			502	HEATH		
CITY		STATE	ZIP CODE					
Tad	madace	KS	42301					<u> </u>
JOB TYPE	7	HOLE SIZE		HOLE DEPTH	1381'	CASING SIZE & V	ÆIGHT_	954
CASING DEPTH	, ,						OTHER	
CASING DEFIN	HT_/3.2 *					CEMENT LEFT in	CASING O	,
						RATE		
DISPLACEMEN	T 22 YY ON	DISPLACEME	NT PSI	PSI				
REMARKS:	safety mes	ting- K	19 p £	a 41/2"	Casing.	Break Corr	<u> de tito</u>	/ 34
RAI F	resh water.	Pu-0 4	JES OF	1-flab	w/bulls	20 Bb) fx	sh well	3000°.
10 831	Sees water	13 641	due work	ייני איני	1 145 5	us thicket	OF MENT	1 4
Yolesen!	THE PR	2 = May.	Lieshert	ane + 1	ines shut	down relation	se sta	Questan
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		co les se	200 55: 00	Dark do	d. God	arment retur	ns du se	erdine .
	COLONIA.	14 7	the same to	1.	1			
<u> </u>	slurry be	pr. A	o ample	E. 1819			 	
				Zacu KV				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	/	PUMP CHARGE	814	240.00
5466		MILEAGE 200 Leil	1/6	NG
1126A	145 sus	thicket coment	15.00	400
IIIOA	1166 #	Kel-see/ 8 M/Kr	.37	190.20
INSA	Anto *	gel-flush	. 15	34.40
1105	Ø.	hals	. 3%	18.00
suna	7.78	tenenilegy bulk trk	1/6	285.01
4404		44 Gas abbas plus	/0.00 38.75	96.00
1143	/ ga/		31:51	JE 15
1170	2 91	bicide RECEIVED RECEIVED KANSAS CORPORATION COMMISSION 7 2008	26.65	. 50.00
		KANSAS CORPORATI		
		CONSERVATION DIVISION CONSERVATION DIVISION		
	<u></u>	CONSERVATIA, KS	Subdel	314:53
		6.32	SALES TAX	173.77
		210113	ESTIMATED	

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TOTAL