Kansas Corporation Commission Oil & Gas Conservation Division



WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33074		_{5 -} <u>125-30840-00-00</u>
Name: Dart Cherokee Basin Operating Co., Ll	_C County:_!	Montgomery
Address: P O Box 177		SENE_Sec23_Twp31_SR14_
City/State/Zip: Mason MI 48854-0177		SL feet from S/ N (circle one) Line of Section
Onook	950' FE	L feet from (E) W (circle one) Line of Section
Operator Contact Person: Beth Oswald	.	Calculated from Nearest Outside Section Corner:
Phone: (517) 244-8716		(circle one) NE SE) NW SW
Contractor: Name: McPherson	Lease Na	me: Hawk Well #: B4-23
License: 5675	Field Nam	ne: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing	Formation: Penn Coals
Designate Type of Completion:	Elevation:	Ground: 913' Kelly Bushing:
New Well Re-Entry Workove		th: 1565' Plug Back Total Depth: 1555'
Oil SWD SIOW Ter	mp. Abd. Amount o	f Surface Pipe Set and Cemented at 43 Feet
✓ Gas ENHR SIGW	Multiple S	stage Cementing Collar Used? Yes No
Dry Other (Core, WSW, Expl., Cathod	dic, etc) If yes, sho	ow depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternat	e II completion, cement circulated from
Operator:	feet depth	tow/sx cmt.
Well Name:		
Original Comp. Date: Original Total Dep		be collected from the Reserve Pit)
Deepening Re-perf Conv.		content NA ppm Fluid volume 120 bbls
Plug Back Plug Back	, 1	g method used Empty w/ vac trk and air dry.
Commingled Docket No		
Dual Completion Docket No		of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	i ·	Name: Dart Cherokee Basin Operating Co LLC
1-5-06 1-9-06	1-16-06 Lease Na	me: Frey B4-12 SWD License No.: 33074
Spud Date or Date Reached TD Com	pletion Date or Quarter_D	NE Sec. 12 Twp. 30 S. R. 14 ✓ East West
Recompletion Date Reco	ompletion Date County: V	Vilson Docket No.: D-28438
Kansas 67202, within 120 days of the spud date, re Information of side two of this form will be held confidentiality in excess of 12 months). One confICKETS MUST BE ATTACHED. Submit CP-4 form of the confidential transfer	ecompletion, workover or conversion and for a period of 12 months if recopy of all wireline logs and geologist with all plugged wells. Submit CP-coromulgated to regulate the oil and eledge.	Corporation Commission, 130 S. Market - Room 2078, Wichita, on of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. equested in writing and submitted with the form (see rule 82-3-well report shall be attached with this form. ALL CEMENTING 111 form with all temporarily abandoned wells. gas industry have been fully complied with and the statements KCC Office Use ONLY
9	1	If Denied, Yes Date:
Subscribed and sworn to before me this _\overline{b^+r^}\ day of	HOU!	Wireline Log Received
2000		Geologist Report Received RECEIVED
Notary Public: Horan & Hilalton	KAREN L. WELTON	HO Distribution
Date Commission Expires:	Notary Public - Michig	APR 1 4 2006
	Ingham County My Commission Expires Mar Acting in the County of In	3, 2007 gham KCC WICHITA

Operator Name: Dat	t Cherokee Basii	n Operat	ing Co., LL	C_ Leas	se Name: I	Hawk		Well #: <u>B4</u> -	23	
Sec. 23 Twp. 3	1 s. R. 14	✓ East	West		ty: Mont		·			
INSTRUCTIONS: Sh tested, time tool open temperature, fluid rec Electric Wireline Logs	and closed, flowing overy, and flow rates	and shut- if gas to s	in pressures, s surface test, a	whether s long with	shut-in pre	ssure reached s	tatic level, hydros	tatic pressure	es, bottom	hole
Drill Stem Tests Taker		☐ Ye	s ✓ No		Le	og Formatio	n (Top), Depth an	d Datum	✓ Sa	ample
Samples Sent to Geo	logical Survey	☐ Ye	s ✓ No		Name	9		Тор	Da	atum
Cores Taken		Ye	s √ No		See	Attached	1			
Electric Log Run (Submit Copy)		✓ Ye	s No							
List All E. Logs Run:										
High Resolution (Dual Induction	Compensated De	ensity Ne	eutron &							
			CASING	RECORD	Ne	w Used	1			
		Report	t all strings set-c	onductor, s	surface, inte	rmediate, productio	on, etc.		•	
Purpose of String	Size Hole Drilled		Casing (In O.D.)		eight s./Ft.	Setting Depth	Type of Cement	# Sacks Used		d Percent ditives
Sur	f 11"		8 5/8"		24#	43'	Class A	8		
Proc	6 3/4"		4 1/2"		10.5#	1562'	Thick Set	150	See Att	ached
			ADDITIONAL	CEMENT	ING / SQU	EEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Туре	of Cement	#Sacks Used Ty			Type and Per	cent Additives		
Protect Casing Plug Back TD Plug Off Zone							1			
						·				
Shots Per Foot			D - Bridge Plug ach Interval Per		9		ure, Shot, Cement S ount and Kind of Mate		d	Depth
4				1356' -	1357.5'	300 ga	I 15% HCI, 231	5# sd, 235	BBL fl	
4				1144.5	i' - 1146'	300 gal	15% HCI, 231	5# sd, 240	BBL fl	
4				1099.5	' - 1102'	2' 300 gal 15% HCl, 3855# sd, 320 BBL fl				
4			···	1045	' - 1049'	300 gal	l 15% HCI, 800	0# sd, 430	BBL fi	
TUBING RECORD	Size 2 3/8"	Set At 1529)'	Packer NA		Liner Run	Yes ✓ No		<u> </u>	
Date of First, Resumed	Production, SWD or En 1-28-06	hr.	Producing Meth	od	Flowing	y ✓ Pumping	Gas Lift	Othe	or (Explain)	
Estimated Production Per 24 Hours	Oil I	3bls.		Mcf	Wate		s. Ga	s-Oil Ratio	,	Gravity
Disposition of Gas	METHOD OF C	OMPLETIOI	3 N			Production Interv	<u>!</u> al .	NA		NA
Uented ✓ Sold	Used on Lease		Open Hole	Per	rf. D	ually Comp. [Commingled	RE	CEIV	ED_
(if vented, Su	mit ACO-18.)	[Other (Speci	fy)				API	₹ 142	2006

KCC WICHITA

McPherson Drilling LLC **Drillers Log**

Rig Number: 1 S. 23 T. 31 R. 14 E API No. 15- 125-30840 County: MG Elev. 913 Location:

Operator: Dart Cherokee Basin Operating Co. LLC

Address: 211 W Myrtle

Independence, KS 67301

Well No: B4-23

Lease Name:

Hawk

Footage Location:

3900 ft. from the North Line

950 ft. from the West Line

Drilling Contractor:

McPherson Drilling LLC

Spud date:

1/5/2006

Geologist:

Date Completed:

1/9/2006

Total Depth: 1566

Casing Record	1		Rig Time:
	Surface	Production	
Size Hole:	11"	6 3/4"	
Size Casing:	8 5/8"	McPherson	
Weight:	20#		
Setting Depth:	43'		
Type Cement:	Portland	McPherson	Driller - Andy Coats
Sacks:	8		James James Journey South

Gas Tests:		
1		
1		
Comments:		
Start injecting @	200	
Start injecting @	380	

				Well Log				
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm
soil	0	4	oswego	1042	1047			
lime	4	110	shale	1047	1075	1		
shale	110	142	coal	1075	1076	İ		
lime	142	312	shale	1076	1097			
sand shale(wet),	312	425	coal	1097	1098			
lime	425	457	shale	1098	1138	1		
shale	457	479	coal	1138	1140			
lime	479	547	shale	1140	1155			
shale	547	587	coal	1155	1157			
lime	587	629	shale	1157	1207			
sand shale	629	661	coal	1207	1209			
lime	661	672	sand shale	1209 [.]	1355			
shale	672	777	coal	1355	1357			
lime	777	759	shale	1357	1402	ļ	•	
shale	759	815	coal	1402	1404			
sand	815	839	shale	1404	1412			
sand shale	839	901	Mississippi	1412	1566 TD			
coal	901	902			.000 15			
pink lime	902	923				}		
shale	923	995						
oswego	995	1017				REC	EIVED	
summit	1017	1025				1		
oswego	1025	1036				APR 1	4 2006	
mulkey	1036	1042				KCCV		A

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

TICKET NUM	IBER	08139	
LOCATION	Eu	reKa	
FOREMAN		Butter	

TREATMENT REPORT & FIELD TICKET **CEMENT**

DATE	CUSTOMER#	WELL	NAME & NUME	3ER	SECTION	TOWNSHIP	RANGE	COUNTY
1-11-06	2368	Hawk	B4-2	3	23	315	14E	MONTGOMUY
CUSTOMER					Carlo a water			
Dar	T Cheroke	e Basin		Gus	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	SS			Jones	446	Scott		
3541	CO. Rd.	5400			479	Calin		
CITY		STATE	ZIP CODE		434	Jim		
Independe	٠	Ks.	67301]				
JOB TYPE LO		HOLE SIZE_	5 3/1"	HOLE DEPTH	1565	CASING SIZE & W	EIGHT 4/2	" 10.5 1b.
CASING DEPTH	1562			TUBING		<u> </u>	OTHER	
SLURRY WEIGH	T 13.2 15.	SLURRY VOL	47 Bb.	WATER gal/sl	k <u>8</u> .°	CEMENT LEFT in	CASINGO_	
DISPLACEMENT	243/1 Bbls.	DISPLACEMENT	PSI <u>700</u>	₩ PSI <u>/20</u>	O BumpPlus	RATE		
REMARKS: Sa	Sely Meeling	si RisunTu	41/2" cosi	is wash	casing down	13 With 301	Bbls waTel	•
Punsed 1	Bbl. Gel F	Tush wy Hulls	Sollowed	With 10B	bl. Water Space	5, Pumped 10.	Bbl. Foam-v	<u></u>
Risup Cen	est Head - 1	Pumped 14B	of water.	Spacer. 1	Mixed 150s	Ks. Thick SeT	central w/ 8	3#P/SKOL
						pump shines -		
						Plusto 1200 P		/
	/_	Float Held			,	<u>, , , , , , , , , , , , , , , , , , , </u>		
				,	Bbl. slwly	•		
			Joh con	npleie - 7	ear down			

		I MAN YOU		
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	/	PUMP CHARGE	. 800.00	800.00
5406	36	MILEAGE	3.15	113.40
1126 A	150 SKS.	Thick Set Cement	13,65	2047.50
1110 A	24 sks.		17.75	426.00
1118 A	4 SKs.	Geh Flush	7.00	28.00
1105	/ 5K.	Hulls	15.25	15.25
5407	8.25 Tons	Milegge - Bulk Truck	M/L 90.00	275,00
5502 C	4 His.	80 Bbl. VACTINCK	90.00	360.00
1/23	3000 GAL	City water (Eweka).	12.80	38.40
1238	1 GAL	SOAP	33,75	33.75
12.05	2 6A),	BI-cida RECEIVE	ED 25.35	50.70
		4/6" 70 2 1) P/ APR 1 4 20	100	Lie
4404	/	7/2 10 MUS 1145	70.00	40.00
		KCC WICH	HITA	ļ
	·			1272.5
		5.3	1 0/1220 1/01	137.55
		202096	ESTIMATED	421555