CONFIDENTIAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION

ORIGINAL

September 1999

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33074	API No. 15 - 125-31421-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	SE SE NW_ Sec 25 Twp 31 S. R 14 7 East West
City/State/Zip: Mason MI 48854-0177	
Onack	3250' FEL feet from E / W (circle one) Line of Section
City/State/Zip: Mason MI 48854-0177 Purchaser: Oneok Operator Contact Person: Beth Oswald Phone: (517) 244-8716	Footages Calculated from Nearest Outside Section Corner:
Phone: (517) 244-8716	(circle one) NE SE NW SW
Contractor: Name: McPherson	Lease Name: J&M Shultz Well #: B2-25
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: 1555' Plug Back Total Depth: 1548'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 40 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:	·
Well Name:	Drilling Fluid Management Plan / 1/ /// 3/8-75
Original Comp. Date: Original Total Depth:	· · · · · · · · · · · · · · · · · · ·
Deepening Re-perf Conv. to Enhr./SWD	Chloride content_NAppm Fluid volume_80bbls
Plug Back Total Depth	Dewatering method used Empty w/ vac trk and air dry
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name: <u>Dart Cherokee Basin Operating Co., LLC</u>
Other (SWD or Enhr.?) Docket No.	Lease Name: Atherton Family Trust A3-1 SWD License No.: 33074
<u>8-20-07</u> <u>8-22-07</u> 9-6-07	
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	County: Montgomery Docket No.: D-28620
Kansas 67202, within 120 days of the spud date, recompletion, wor Information of side two of this form will be held confidential for a period 107 for confidentiality in excess of 12 months). One copy of all wireline I TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged w	
herein are complete and correct to the best of row knowledge.	egulate the oil and gas industry have been fully complied with and the statements
Signature: De Lug Comm	, KCC Office Use ONLY
Franc Clarch 17-11/-17	7
Title: LYGY -CIEY Date: 12-19-01	Letter of Confidentiality Attached
Subscribed and sworn to before me this 4 day of Decemb	1 12
20 03	Wireline Log Received
E Paradi O Assarab	Geologist Report Received
acting in Fundamis	UIC Distribution KANSAS CORPORATION COMM
Date Commission Expires: 3-5-20 BRAND	Y. R. ALLCOCK
Jaci	ublic - Michigan BEC 17 2007
My Comm	nission Expires h 05, 2011 CONSERVATION DIVISIO

CONSERVATION DIVISION WICHITA, KS

Side Two Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: J&M Shultz Well #: B2-25 County: Montgomery Sec. 25 Twp. 31 S. R. 14 ✓ East West INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report. **Drill Stem Tests Taken** ☐ Yes ✓ No Log Formation (Top), Depth and Datum ✓ Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey Yes ✓ No See Attached Cores Taken Yes ✓ No Electric Log Run ✓ Yes No CONFIDENTIAL (Submit Copy) DEC 1 4 2007 List All E. Logs Run: High Resolution Compensated Density Neutron & **Dual Induction**

	n, etc.			CASING RE Report all strings set-con		
# Sacks Used	Type of Cement	Setting Depth	Weight Lbs. / Ft.	Size Casing Set (In O.D.)	Size Hole Drilled	Purpose of String
8	Class A	40'	24#	8 5/8"	11"	Surf
165	Thick Set	1549'	9.5#	4 1/2"	6 3/4"	Prod
165	Thick Set	1549'	9.5#	4 1/2"	6 3/4"	Prod
- ;	Used	Class A 8	Depth Cement Used 40' Class A 8	Lbs. / Ft. Depth Cement Used 24# 40' Class A 8	Set (In O.D.) Lbs. / Ft. Depth Cement Used 8 5/8" 24# 40' Class A 8	Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used 11" 8 5/8" 24# 40' Class A 8

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)				Depth
6			. '		1358	' - 1359.5'		100 gal 1	5% HCI, 2325	# sd, 135 BBL fl	
6				1143.5' - 1145'				100 gal 15% HCl, 2315# sd, 115 BBL fi			

TUBING RECORD	Size 2 3/8	-	Set At 151		Packet		Liner Run	Yes	✓ No		
Date of First, Resumed	Production	•	Enhr.	Producing N	lethod	Flowing	√ Pul	mping	Gas Lift	Other (Explain)	· - ·
Estimated Production Per 24 Hours		Oil	Bbls.	Gas	Mcf	Wate	r 10	Bbls.	Gas-Oi	Ratio	Gravity NA

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled	

DEC 17 2007

McPherson Drilling LLC Drillers Log

J & M SHULTZ

East

Line

S. 25 T. 31 Rig Number: R. 14E API No. 15- 125-31421 County: MG 930 Location: SE SE NW Elev.

Dart Cherokee Basin Operating Co. LLC Operator:

Address: 211 W Myrtle

Drilling Contractor:

Independence, KS 67301

Well No: B2-25

Lease Name: Footage Location:

3290 ft. from the South Line ft. from the

3250

McPherson Drilling LLC

Spud date: 8/20/2007 Geologist:

Date Completed: Total Depth: 8/22/2007

1555

Casing Record			Rig Time:	
	Surface	Production		!
Size Hole:	11"	6 3/4"		
Size Casing:	8 5/8"		·	
Weight:	20#			·
Setting Depth:	40	McPherson		
Type Cement:	Portland	<u> </u>	Driller:	Andy Coats
Sacks:	8	McPherson		

CONFIDENTIAL DEC 14 2007 **KCC** Comments: Start injecting @

Gas Tests:

			·	Well Log				
Formation Section	Тор	Btm.	Formation 	Тор	Btm.	Formation	Тор	Btm.
soil	0	4	shale	1057	1077			
lime	4	72	coal	1077	1078			
shale	72	421	shale	1078	1098			
lime	421	427	coal	1098	1100			
shale	427	467	shale	1100	1140			
wet lime	467	532	coal	1140	1141			-
shale	532	604	shale	1141	1289			1.
lime	604	629	coal	1289	1291		•	
shale	629	672	shale	1291	1359			•
wet lime	672	678	coal	1359	1360			
shale	678	701	shale	1360	1400			
lime	701	732	coal	1400	1401			
shale	732	760	shale	1401	1404			
lime	760	772	Mississippi	1404	1555			
shale	772	907		,3				,
coal	907	908	٠.					
shale	908	910						
pink lime	910	931						
shale	931	994			• ,			•
oswego	994	1024		•	**		RECE	MEN
summit	1024	1035			•	KANS	AS CORPORAT	TION COMMIS
oswego	1035	1043						
mulky	1043	1051					DEC 17	2007
oswego	1051	1057		_			CONSERVATION WICHITA	N DIVISION

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

CONFIDENTIAL DEC 14 2007

12524 TICKET NUMBER LOCATION EUREM

FOREMAN RICK

TREATMENT REPORT & FIELD TICKET **CEMENT**

DATE	CUSTOMER#	WELL	NAME & NUME	3ER	SECTION	TOWNSHIP	RANGE	COUNTY
8-22-07	2368	Shuzz	MLC	B2-25 ·		·		MG
CUSTOMER				T	43/14/20			
\bot 0	ART Chex	oxee BASI	<i>(</i>)	305	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	SS			Jones	463	Kule		
21	1 W. M	y/tle			442	\$ Shane		
CITY		STATE	ZIP CODE] ;				
Ino	leperdence	13	67301		1 to			
JOB TYPE 10	ocsturos_	HOLE SIZE	634	HOLE DEPTH	1555	CASING SIZE & W	EIGHT 4//2	95#
CASING DEPTH	1549	DRILL PIPE					OTHER	
SLURRY WEIGH		SLURRY VOL	51 Bb1	WATER gal/sl		CEMENT LEFT in	CASING O	
DISPLACEMENT	25 Bb1	DISPLACEMENT	PSI_700	MEEX PSI	1200	RATE		· .
REMARKS:	safety mee	ting - Ri	g in to	41/2	casing. 1	Break Circu	ation w	<u> </u>
	sh- voter	Pump	- 1	gel-flu	-	11s. 20	561 Fash	uate.
Spaces	10 Bb1 5	age water			water 1	Myed 16	5 5×5	thickset
cement	L/ 8= K	ol-seal pals	K @ 13	3 2 0 /00/00	k. Washout	amp +	lines :	shot down
celease	alug Di	place w	125 B	bi fresh	water. t	Final pun	pressure	700 857.
Burno	, ,	,	-			pressure,		
coneil						Job compl	//	
	N 1							•

You

5401		DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
	24 1 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PUMP CHARGE		840.00	840.00
5406	40	MILEAGE		3 30	132.00
		Control of the Contro			1.
1126A	165 345	thickset const make an		15.40	2541.0
11107	1320 *	Kul-seal 8+ neilsi	4	, 38	501.6
			e s		
1118A ·	1: 300 # HOUSE	geraflush		.75	45 00
1105	50 # 19 1	hulls		36	18.00
5407	9 08	ton-miles bulk tik		m/c	285.00
*					
94404		41/2" top who plug	1	90.00	46.00
1143	1 901	Sogi	و د	35.95	35.43
1140	299)	bi-cide service		26.65	53.30
		RECEIVED		=:	
	i i i i i i i i i i i i i i i i i i i	KANSAS CORPORATION COMMISSION	7.3		
Ografia Dobred Dr. 1		DEC 1.7.2007			
		DEC 1.7.2007			
		CONSERVATION DIVISION		उजीतत।	4491
		WICHITA, KS	5.3%	SALES TAX	146.7

TOTAL