Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM **WELL HISTORY - DESCRIPTION OF WELL & LEASE**

September 1999 Form Must Be Typed ORIGINA

Form ACO-1

Operator: License # 33074	API No. 15 - 205-25784-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Wilson
Address: P O Box 177	<u>W2_SE_SE_Sec25_Twp30_SR15_</u>
City/State/Zip: Mason MI 48854-0177	860' FSL feet from N (circle one) Line of Section
Purchaser: Oneok Operator Contact Person: Beth Oswald	1300' FEL feet from W (circle one) Line of Section
Operator Contact Person: Beth Oswald	Footages Calculated from Nearest Outside Section Corner:
517 044 0740	(circle one) NE (SE) NW SW
Phone: (517) 244-8/16 Contractor: Name: McPherson License: 5675	Lease Name: Union Central Well #: D4-25
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 837' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1126' Plug Back Total Depth: 1119'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 22 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 1/19
Operator:	feet depth to 0 w/ 150 sx cmt.
Well Name:	111 + 2 1/10
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (1) #2 KJK let (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content NA ppm Fluid volume 200 bbls
Plug BackPlug 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	'
Other (SWD or Enhr.?) Docket No	Operator Name: Dart Cherokee Basin Operating Co LLC
9-17-04 9-21-04 9-25-04	Lease Name: Adee B1-8 SWD License No.: 33074
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter_NW_Sec. 8 Twp. 31 S. R. 16 ✓ East West County: Montgomery Docket No.: D-28237

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge. KCC Office Use ONLY

Date: 12-1-04 Subscribed and sworn to before me this

day of December

Letter of Confidentiality Attached If Denied, Yes Date:_

Wireline Log Received Geologist Report Received

C Distribution

KAREN L. WELTON Notary Public - Michigan

My Commission Expires Mar 3, 2007 Acting in the County of Ingham

Çate Commission Expires

Ingham County

Operator Name: Dart	Cherokee Ba	sin Opera	ating Co., LL0	그_ Lease	e Name:_\	Jnion Central		Well #: D4-	-25	
Sec. 25 Twp. 30	s. R. 15	_ ✓ Ea	st West	Count	y: Wilso	on				
NSTRUCTIONS: Sho ested, time tool open a emperature, fluid reco Electric Wireline Logs	and closed, flowi very, and flow ra	ng and shu es if gas to	it-in pressures, v o surface test, a	whether silong with	hut-in pre	ssure reached s	tatic level, hydros	tatic pressure	es, bottom hole	
Orill Stem Tests Taken (Attach Additional SI	neets)		Yes ✓ No		Lo	og Formatio	n (Top), Depth an	d Datum	✓ Sample	
Samples Sent to Geological Survey			Yes ✓ No		Name	e .		Тор	Datum	
Cores Taken		,	Yes ✓ No		See	Attached				
Electric Log Run (Submit Copy)			Yes No					CEIVE		
ist All E. Logs Run:	•						DEC	0 6 200	1	
High Resolution C Dual Induction	ompensated I	Density N	leutron &				KCC	WICHI	TA	
		Repo	CASING I		Ne urface, inte	w Used rmediate, production	on, etc.			
Purpose of String	Size Hole Drilled		ize Casing et (In O.D.)	Wei Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percen Additives	
Surf	11'		8 5/8"			22'	Class A	5		
Prod 6 3/4"			4 1/2"		9.5#	1119'	50/50 Poz	150	See Attached	
			ADDITIONAL	CEMENTI	NG / SQU	EEZE RECORD				
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Тур	e of Cement	#Sacks	s Used		Type and Pe	rcent Additives		
riug on zone										
Shots Per Foot			RD - Bridge Plugs Each Interval Perf				ure, Shot, Cement S ount and Kind of Mate		d Depth	
4	· · · · · · · · · · · · · · · · · · ·			942.5'	'-943.5'	943.5' 300 gal 10% HCl, 960# sd, 195 BBL fl				
4				827.5	'-829.5'	300 gal	10% HCI, 1680	0# sd, 300	BBL fl	
4	**			767.5'	'-768.5'	300 gal	10% HCI, 1645	5# sd, 245	BBL fl	
4				72	9'-733'	300 gal	10% HCI, 7970	0# sd, 440	BBL fl	
TUBING RECORD	Size 2 3/8"	Set At		Packer A		Liner Run	Yes ✓ No			
Date of First, Resumed Po	oduction, SWD or		Producing Metho			/ D	01/0	0 "	s (Eunio:-)	
10 Estimated Production	-14-04 Oil	Bbls.	Gas 1	Mcf	Flowing			s-Oil Ratio	r (Explain) Gravity	
Per 24 Hours	N N		Gas 7	rici	wate	47	ə. Ga	NA	NA	
Disposition of Gas	METHOD OF					Production Interva	al			
Vented ✓ Sold (If vented, Sumi	Used on Lease (ACO-18.)		Open Hole	Perf	. D	ually Comp. [Commingled		•	

Gas Tests:

McPherson Drilling LLC Drillers Log

İ	Rig Number:	1	ico fig. s - fi rente 3 em	8. 25	T. 30	R. 15 E
3	API No. 15-	205-25784		County:	WL	
,		Elev.	837'	Location:		

Dart Cherokee Basin Operating Co. LLC Operator:

Address: 3541 CR 5400

Independence, KS 67301

D4-25 Well No:

Lease Name:

Union Central

Footage Location:

860 ft. from the South

Line

1300 ft. from the East Line

Drilling Contractor:

McPherson Drilling LLC

Spud date:

9/17/2004

Geologist:

Date Completed:

9/25/2004

Total Depth: 1126'

Casing Record		a large of large ending the second of the second	Rig Time:	
	Surface	Production		
Size Hole:	11"	6 3/4"		
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	22"	McPherson		
Type Cement:	Portland		Driller:	Andy Coats
Sacks:	4	McPherson		

	ļ
-	
	I
•	
·	I
omments:	
tart injecting water @	
mart my arms ()	1
	1

			The state of the s	Well Log				
Formation	Тор	Stm.	Formation	Тор	Btm.	Formation	Тор	Btm.
soil/clay	0	12	coal	828	830			
sand	12	15	shale	830	881			
shale,	15	36	coal	881	883			
sand	. 36	73 wet	shale	883	943		٠	
shale	73	172	coal	943	945			
sand shale	172	264	shale	945	975 olly			
coal	264	265	Mississippian	975	1126			
shale	265	479						
lime	479	485	·		•			
shale	485	577						
sand	577	571 odor				R	ECEIVI C 0 6 201 WICH	_
shale	671	600		•			-ACIA	ED
coal	600	601				DEC	0 6 20	O.L.
shale	601	604				KOO	900-	<i>y</i>
pink lime	604	623	1			1	WICH	ITA
shale	623	680				l		
1st Oswego	680	706				1		
Summit	706	718						
2nd Oswego	718	826						
Mukiy	826	733	Ì					
3rd Oswego	733	, 737						
shale	737	766						
coal	766	768						
shale	768	828						

CONSOLIDATED OIL WELL SERVICES, INC. 211 W, 14TH STREET, CHANUTE, KS 66720 620 431-9210 OR 800-467-8676

7		TR	EATMEN	San in a constitution	& FIELD TI	CKET	700	
				CEMEN	VT	egh. — Pa		
DATE	CUSTOMER#	WEL	L NAME & NUN	MBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-21-04	2368	Union Con	tage D	4-25	25	30	15	Wilson
CUSTOMER 1	200				(0.00)	STATE STATE		es l'isset (l'el
	HR 1	A CONTRACTOR OF THE CONTRACTOR			TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	±SS				4/8	Tim	1.37	
g.		great in			428	DANNY		
CITY	4 4 1	STATE	ZIP CODE		448	Rich Pierce		
					407	derry / JASON	K	
JOB TYPE	45	HOLE SIZE	614	HOLE DEPT	H	CASING SIZE & V	VEIGHT	2 9.5
CASING DEPTH	1//9'	DRILL PIPE	126	TUBING			OTHER	
SLURRY WEIGH	IT_/3,5	SLURRY VOL_		WATER gal/s	sk	CEMENT LEFT in	CASING	<u> </u>
DISPLACEMENT		DISPLACEMENT	T PSI	MIX PSI		RATE		
REMARKS: K	an 2 sx g	el /hull	Lead	1013	BL Foon	ner tollo	wed 65	1088
Clean H	20 1	est, Q	Rc.	Surred	150 50	- DAFT	nix el	hulls
@ 13.5	PPG-	- stut	down	wash	I out /:	wes & DU	no-do	enned pu
displace	ed to bo	Hom &	set s	lue	SHUT	TUST	/ 3.	11 6
9//		, , , , , , , , , , , , , , , , , , , ,	C ,		1	7,00	RE	CEIVED
e de Maria de Carlos de Ca		\mathcal{C}	IRC.	Cont.	to su	fere.	Dro	
4	k					(4) - 10	DEC	0 6 2004
						N V	KCC	Alla
**		THE RESERVE	And the second		·	بالبند ا	este al president	NICHITA
. T. Nilly			,	t ,		-53		20 () ÷
ACCOUNT	QUANITY	or UNITS	D S	ESCRIPTION o	f SERVICES or PF	RODUOT	UNIT PRICE	TOTAL
5451		<u> and </u>	DUMP OUT D	7 / AA	05-7011	7		A CONTRACTOR OF STREET
		1		ot 2 0/ V(65 TRIN	6	<u> </u>	110.00
5406	14. 14. 14. 14. 14. 14. 14. 14. 14. 14.	60 M	MILEAGE	7	44 1		ia	141,00

ACCOUNT				T
CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5431	1	PUMP CHARGE LONGS TRING		110.00
5406	Gom	MILEAGE		141.00
5427	Min	BUK TRK	44	225:00
55016	4 110	TRANSPORT		336.00
5582 C	4 Ha	80 VAC	1	3/2.00
1/24	150 cx	Comest - 50/10		1035,00
1110	15 JX	G/LSONITE I		305,25
11/11	350 1	5A/E	<u> </u>	91.00
1118	5 sx	GEL		62,00
1107	3 sx	FLO Feal Y	_	120.00
1105	30	Hull 2	<u> </u>	40.80
1/23	5000 GM2	City 1/2	_	57.50
4404	/04	41/2 pulho plus		35.00
1238	1 GAL	SOAJOI		31.50
1205	1/2 GAZ	BICIDE	A. Salar	35.48
		The state of the s	41	
		A STATE OF THE STA	(1)	110.05
			ESTIMATED	2015
	SO PTUL		TOTAL	3647,36
AUTHORIZTION	I-MN U JAMMI	TITLE	DATE	