Form ACO-1 September 1999 Form Must Be Typed

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

Operator: License # 33074	API No. 15 - 205-25769-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Wilson
Address: P O Box 177	SE_NW_NW_SE_Sec. 25 Twp. 30 S. R. 14 ✓ East West
City/State/Zip: Mason MI 48854-0177	2050' FSL feet from S/ N (circle one) Line of Section
Purchaser: Oneok	2180' FEL feet from E/I 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: Neill Bros Well #: C3-25
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 943' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1506' Plug Back Total Depth: 1501'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 43' 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:	feet depth to sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan Alf I FJR 2-1- (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug BackPlug Back Total Depth	Chloride content NA ppm Fluid volume 204 bbls
Commingled Docket No.	Dewatering method used empty w/ vac trk and air dry
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name: Dart Cherokee Basin Operating
Other (SWD of Elilli.?)	Lease Name: Orr A1-28 SWD License No.: 33074
5-18-04 5-20-04 5-28-04 Spud Date or Recompletion Date  Date Reached TD Completion Date or Recompletion Date	Quarter_NW_Sec. 28 Twp. 30 S. R. 15
Kansas 67202, within 120 days of the spud date, recompletion, workove information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	a 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. It months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING . Submit CP-111 form with all temporarily abandoned wells.
Signature 10xth (Iswald	KCC Office Use ONLY
Title: Admn F Engr Asst Date: 9-16-04	Letter of Confidentiality Attached
Subscribed and sworn to before me this 16th day of September	·
	Wireline Log Received RECEIVE
2004	Wireline Log Received RECEIVED
Notary Public: Hanny & Handler	UIC Distribution SEP 2 0 2004
Date Commission Expires: KAREN L. WELTON	KCC MICH
Notary Public - Michigan Ingham County	KCC WICHITA
My Commission Expires Mar 3, 2007	

Acting in the County of Ingham

Operator Name: Dart	Cherokee Basir	n Opera	ting Co., LLC	Leas	se Name:_ <mark>1</mark>	Neill Bros		Well #: <u>C3-</u>	25	
Sec. 25 Twp. 30	s. R. <u>14</u>	✓ Eas	t West	Cour	nty: Wilso	on				
INSTRUCTIONS: Shot tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowing very, and flow rates	and shut if gas to	t-in pressures, v surface test, al	whether ong with	shut-in pre	ssure reached s	tatic level, hydros	tatic pressure	es, botton	n hole
Drill Stem Tests Taken (Attach Additional St	heets)	□ Y	′es ✓ No		Lo	og Formatio	n (Top), Depth ar	d Datum	√ S	ample
Samples Sent to Geole	ogical Survey	□ Y	es ✓ No		Name	9		Тор	D	atum
Cores Taken Electric Log Run (Submit Copy)		Y ✓ Y	es ✓ No es No		See	Attached				
List All E. Logs Run:					1					
High Resolution C Dual Induction	Compensated De	ensity N	eutron &							
		Pana	CASING I			w Used rmediate, producti	on etc			
Purpose of String	Size Hole	Siz	ze Casing	w	eight eight	Setting	Type of	# Sacks		nd Percent
Surf	Drilled 11"	Se	t (In O.D.) 8 5/8"	Lb	s. / Ft.	Depth 43'	Class A	Used 10	Ad	Iditives
Prod	6 3/4"		4 1/2"		10.5#	1501'	50/50 Poz	195	See At	ttached
			ADDITIONAL	CEMEN.	TING / SQU	EEZE RECORD				
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD  —— Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sac	ks Used		Type and Pe	rcent Additives		
	PERFORATIO	N RECOR	RD - Bridge Plug	s Set/Tyr	ne l	Acid Fract	ture, Shot, Cement S	Squeeze Recor		
Shots Per Foot			Each Interval Perf				ount and Kind of Mat		-	Depth
4				119	3'-1194'			300 gal 10°	% HCI	
4				116	32'-1163'	3' 300 gal 10% HCl, 1680# sd, 235 BBL fl				
4				113	31'-1133'	300 gal	10% HCI, 512	0# sd, 325	BBL fl	
TUBING RECORD	Size	Set At		Packer	·At	Liner Run				
	2 3/8"	124		N.	I		Yes . ✓ No			
Date of First, Resumed P	roduction, SWD or En -29-04	hr.	Producing Metho	od	Flowing	✓ Pumping	g Gas Lift	Othe	r (Explain)	
Estimated Production	Oil E	Bbls.	Gas I	Mcf	Wate		ls. Ga	s-Oil Ratio		Gravity
Per 24 Hours	NA METHOD OF CO	OMD! EX:	57			63	-1	NA		NA
Disposition of Gas	METHOD OF Co	JMPLETIC		_		Production Interv	_			
Uented ✓ Sold (if vented, Sum	Used on Lease it ACO-18.)		Open Hole Other (Specif	Ре 	ert, D	ually Comp. [	Commingled			,

## McPherson Drilling LLC Drillers Log

 Rig Number:
 1
 S. 25
 T. 30
 R. 14 E

 API No.
 15- 205-25769
 County:
 WL

 .
 Elev.
 943'
 Location:

Operator: Dart Cherokee Basin Operating Co. LLC

Address: 3541 CR 5400

Independence, KS 67301

Well No: **C3-25** 

Lease Name: Neill Bros.

Footage Location: 2050 ft. from the

2180 ft. from the East Line

South

Line

Drilling Contractor:

McPherson Drilling LLC

Spud date:

5/18/2004

Geologist:

Date Completed:

5/20/2004

Total Depth: 1506'

Casing Record			Rig Time:			
	Surface	Production				
Size Hole:	11"	6 3/4"				
Size Casing:	8 5/8"					
Weight:	20#					
Setting Depth:	43'	McPherson				
Type Cement:	Portland	}				
Sacks:	9	McPherson	Andy Coats -	Driller		

Comments:	
5/20/2004	
9:30 am waiting to kill well	
Start injecting water @	400'

Gas Tests:

		Well Log								
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.		
soil	0	5	pink lime	825	897					
lime	5	82	shale	897	943					
shale	82	90	1st Oswego	943	969					
lime	90	118	Summit	969	976	i				
shale	118	132	2nd Oswego	976	989					
lime	132	180	Mulky	989	995					
shale	180	305	3rd Oswego	995	1002					
sand	305	331 wet-	shale	1002	1037					
shale	331	410 no sho	coal	1037	1040					
sand	410	427 no sho	shale	1040	1057					
lime	427	538	coal	1057	1059					
sand shale	538	549	sand shale	1059	1101	,				
coal	549	550	coal	1101	1102					
shale	550	578	sand shale	1102	1165					
lime	578	595	coal	1165	1166					
shale	595	633	shale	1166	1261	]				
lime	633	649	sand	1261	1272					
shale	649	693	sand shale	1272	1281					
lime	693	721	shale	1281	1314					
sand/shale	721	733	coal	1314	1316	}				
lime	733	755	shale	1316	1347					
sand/shale	755	870	coal	1347	1349					
coal	870	872	shale	1349	1354					
shale	872	875	Mississippian	1354	1506					

OUT TITLE OUT OUT THE OTHOUSETTO

211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

CUSTOMER or AGENT (PLEASE PRINT)\_

LOCATION 3 Ville

## FIELD TICKET

へいいつのですカマチェア

		OPERATOR		
NG ADDRESS		CONTRACTOR		
& STATE			UNIT	TOTAL AMOUNT
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	675, U
5401		PUMP CHARGE LONGS TRING		
اــ ا	1501			
			,	388.0
1110	20 SX	GILSONITE		125,0
1///	500#	54 C+	2	59,0
1118	5 5 ±	Flo Secl	Z	113.2
1107_	3 54	Hulls		38.8
1/23	6500 GAL	City H20	<u> </u>	35,0
4404	/ oa.	41/2 Mubber plug		30.0
1238	GAL	BI-CIDE		33.7
1205	11/2 Stl			
				·  -
		BLENDING & HANDLING	1	100
5407	MIN	TON-MILES		190.
Ÿ.7.5./.		STAND BY TIME		
	· · · · · · · · · · · · · · · · · · ·	MILEAGE	j	320.
5501 C	- 4 MM	WATER TRANSPORTS  VACUUM TRUCKS		320, 300
5502 0	c Y HR	FRAC SAND		
		Total Control of the	<b>1</b>	1/287
1124	1955+	CEMENT 50/50	SALE	S TAX 733
		1		1 2 7 7 7 7
	<u> </u>	!	ESTIMATED	TOTAL 380/

190373

86837

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

TICKET NUMBER 31/3/22 LOCATION BUILD FOREMAN

## TREATMENT REPORT

DATE	CUSTOMER	# WELL NAME	FORMATION	<b>া</b>	TOUGH "			
52004	12368	New BROS			TRUCK#	DRIVER	TRUCK #	DRIVER
SECTION	TOWNSHIP		COUNTY	4	7.77	Coop	<del> </del>	
25	30	14	Wilson	1	707	gria		
USTOMER		1 / /	portan	=	4/2	Kenny		
OSTONICH	DART	1			428	Rick		
444444		<u> </u>						
IAILING ADDF	RESS				. • .			
ITY				1		<u> </u>		
					L		<u>-</u>	
TATE		ZIP CODE		7	• • •			•
						77/75 05 -		•
					1.10/1051.05		REATMENT	<del></del>
ME ARRIVED	ON LOCATION		ten esti	7	[ ] SURFACE		[ ] ACID BREA	
ME ATTRIVED		<del></del>	·	_}	PRODUCT		[ ] ACID STIMU	LATION
OLE SIZE	<del>- //</del>	L DATA	4.I	7	[ ] SQUEEZE		[ ] ACID SPOTTING:	
		PACKER DEPT		-	[17]:PLUG & AE		[ ]FRAC	
OTAL DEPTH	7300	PERFORATION	is	4	[ ] PLUG BAC	K	[ ] FRAC + NITROGEN	
	Ullas	SHOTS/FT	<del></del>	4	[ ] MISP. PUN	IP	[ ]	
ASING SIZE 91/2 OPEN HOLE				[ ]OTHER [ ]				
ASING DEPTI					• .			
CASING WEIGHT TUBING SIZE				:	PRESSURE I	LIMITATIONS		
ASING COND	ITION	TUBING DEPTH	1	_[			THEORETICAL	INSTRUCTED
<del></del>		TUBING WEIGH	<u>-1T</u>		SURFACE PIPE			
		TUBING COND	ITION	]	ANNULUS.LONG	STRING		<del></del>
REATMENT V	IA	10 00	. 0	١	TUBING	0.1	, , ,	<del></del> -
um 6 B	Bl Gel	hulls	ahead	4/6	BBLFA	mer toll	wed by	10 88 C
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			·	1/W.	June 1	July	ace	
TIME	STAGE	BBL'S	INJ RATE	PROPPANT	SAND / STAGE	PSI	<del></del>	<del></del>
AM / PM		PUMPED.		PPG	44			
							BREAKDOWN P	RESSURE
						***	DISPLACEMENT	
			;* 1				MIX PRESSURE	<del></del>
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