ORIGINAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33074	API No. 15 - 125-30517-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	C_SW_Sec1 Twp31 S. R14 🗸 East West
City/State/Zip: Mason MI 48854-0177	660' FSL feet from N (circle one) Line of Section
Purchaser: Oneok	4685' FEL feet from E / W (circle one) Line of Section
Operator Contact Person: Beth Oswald RECEIVED	Footages Calculated from Nearest Outside Section Corner:
Phone: (517) 244-8716	(circle one) NE SE NW (\$W)
Contractor: Name: McPherson AUG 0 2 2004	Lease Name: Shultz Well #: D1-1
License: 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks KCC WICHITA	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 923' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1506' Plug Back Total Depth: 1503'
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 22' Feet
Gas ENHR SIGW	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 sx cmt.
Well Name:	Drilling Fluid Management Plan Alka Un 8.3.04
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan Alba Class 19:00-00 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No.	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
6-4-04 6-8-04 6-18-04	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp. S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with 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 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 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
All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: Beth Oswald	KCC Office Use ONLY
Title: Hamn (Engr Asst Date: 1-30-04	Letter of Confidentiality Attached
Subscribed and sworn to before me this 30th day of July	If Denied, Yes Date:
20124	Wireline Log Received
	Geologist Report Received
Notary Public: Hoxan Stabotan	UIC Distribution
Oate Commission Expires: KAREN L. WELTON Notary Public - Michigan	
Ingham County	
My Commission Expires Mar 3, 2007	[

Acting in the County of Ingham

Operator Name: Dart	Cherokee Basin (Operating Co., LL	C Lease	Name: S	Shultz		Well #: D1-	-1	
Sec. 1 Twp. 31	s. R. <u>14</u>	✓ East West	County	y: <u>Mont</u>	gomery	entrone and a second			
INSTRUCTIONS: Shot tested, time tool open a temperature, fluid reconstitution Electric Wireline Logs s	and closed, flowing ar very, and flow rates if	nd shut-in pressures, gas to surface test, a	whether sl long with t	hut-in pre	ssure reached s	tatic level, hydros	static pressure	es, bottom ho	le
Drill Stem Tests Taken (Attach Additional Sh	eets)	☐ Yes ✓ No		Lo	og Formatio	n (Top), Depth an	nd Datum	√ Samp	ole
Samples Sent to Geolo	gical Survey	☐ Yes ✓ No		Name	e		Тор	Datur	n
Cores Taken Electric Log Run (Submit Copy)	Yes ✓ No ✓ Yes No		See	Attached					
List All E. Logs Run:				F	RECEIVE	D			
High Resolution Control Dual Induction	ompensated Den	sity Neutron &			UG 0 2 200 CC WICH				
		CASING Report all strings set-c		Nev urface, inter		on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Pe	
Surf	11"	8 5/8"			22'	Class A	5		
Prod	6 3/4"	6 3/4" 4 1/2"		10.5#	1503'	50/50 Poz	/50 Poz 180 See Attac		hed
		ADDITIONAL	CEMENTIN	NG / SOUI	EEZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks			Type and Pe	rcent Additives		
Shots Per Foot	PERFORATION Specify Foot	RECORD - Bridge Plugs age of Each Interval Perf	s Set/Type			ure, Shot, Cement S			
4	Opecity I dot	age of Lacif filterval Peri	1339.5	'-1342'	(Amount and Kind of Material Used) 300 gal 10% HCl, 3860# sd, 325 BBL fl				eptn
4		•	1199.5'-1						
4			1134.5	'-1136'					
4		- Address	1070.5	'-1073'	300 gal 10% HCl, 3735# sd, 310 BBL fl				
4	1025'-1028.5' 300 gal 10% HCl, 7185# sd, 420 BBL fl								
TUBING RECORD	Size 2 3/8"	Set At 1470'	Packer At	t	Liner Run	Yes ✓ No			
Date of First, Resumed Pro	oduction, SWD or Enhr.	Producing Metho	od	Flowing	✓ Pumping	Gas Lift	Othe	r (Explain)	
Estimated Production Per 24 Hours	Oil Bbls	1	/Icf	Water	Bbls		s-Oil Ratio	Gra	avity
Disposition of Gas	METHOD OF COM	PLETION 3			63 Production Interva	l	NA	N.	A
Uented ✓ Sold [Used on Lease ACO-18.)	Open Hole	Perf.	Du	ally Comp.	Commingled			4

McPherson Drilling LLC Drillers Log

Rig Number: S. 1 T. 31 R. 14 E API No. 15- 125-30517 County: MG Elev. 923' Location:

Operator:

Dart Cherokee Basin Operating Co. LLC

Address:

3541 CR 5400

Independence, KS 67301

Well No:

Lease Name:

Shultz

East

Footage Location:

660

ft. from the South

4685 ft. from the

Line Line

Drilling Contractor:

McPherson Drilling LLC 6/4/2004

Geologist:

Spud date: Date Completed:

6/8/2004

Total Depth:

1507

Casing Record Rig Time: Surface RECEIVED Production Size Hole: 11" 6 3/4" AUG 0 2 2004 Size Casing: 8 5/8" Weight: 23# KCC WICHITA Setting Depth: 22' McPherson Type Cement: Portland Driller: **Andy Coats** Sacks: McPherson

Gas Tests:
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- ÷
-
Comments:
Start injecting water @ 602'
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	·			Well Log				,
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
soil	0	8	coal	922	924	coal	1251	1253
lime	8	90	shale	924	959	shale	1253	1294
shale	90	355	sand	959	979 no sho	coal	1294	1296
sand (wet)	355	378 no sho	1st Oswego	979	1007	shale	1296	1335
shale	378	420	Summit	1007	1014	coal	1335	1338
lime	420	427	2nd Oswego	1014	1022	shale	1338	1365
shale	427	430	Mulky	1022	1028	coal	1365	1367
lime	430	450	3rd Oswego	1028	1034	shale	1367	1369
sand shale	450	478	shale	1034	1067	Mississippian	1369	1507
sand (wet)	478	544	coal	1067	1070			
shale	544	578	shale	1070	1086			
sand	578	618	coal	1086	1088			
shale	618	648	shale	1088	1126			
lime	648	667	sand shale	1126	1134			
shale	667	718	coal	1134	1136		(
lime	718	637	sand shale	1136	1149			
shale	637	782	coal	1149	1152			
lime	782	793	shale	1152	1213			
shale	793	810	coal	1213	1216			
sand shale	810	891	sand shale	1216	1231			
coal	891	893	coal	1231	1234			
shale	893	898	shale	1234	1251			
oink lime	898	916						
shale	916	922						



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

RECEIVED AUG 0 2 2004 KCC WICHITA

TICKET NUMBER

24548

LOCATION Bactlesville

FIELD TICKET

	STOMER ACCT # WELL N 2368 Schultz 1		SECTION TWP RGE	Montgomery	FORMATION
CHARGE TO	Dart		OWNER	James	
MAILING ADDRESS			OPERATOR		
CITY & STATE			CONTRACTOR		
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION C	OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401)	PUMP CHARGE POOR	uction Casing		625,00
			Jones		
1105	35k3	C 4 . D	7/ //		
1109	35ks	Flo Seal	HAIIS	a salespena	38.85 113,35
1110	203ks	Gilsonite	of the state of th	- Company of the Comp	388,00
////	500#	Granulated	0 50 14 = =	<i>t</i> .	125,00
1/18	65K5.	Premium G	e in the second	3	10.80
//43	6,500 00	City Wate		er et i	23,13
4404	1 3	4/2 Rubbe	c Plug		35,00
				N N	
1205	1/2001	Supersw	pet		33.15
1238	1981	Mud Flus	1		30,00
	9				
			•		
	: .				
		BLENDING & HANDLING			
5401	min	TON-MILES			190,00
		STAND BY TIME			1
		MILEAGE			Y ₁₄ ,
5501C	4hrs	WATER TRANSPORTS			320,00
550d C	4hrs	VACUUM TRUCKS			300,00
		FRAC SAND			. t
1184	2003ks	CEMENT			/380.00
	5000110		Mentoomery (Co, 5,3 SALES TAX	114.69
			J /		
avin 2790				ESTIMATED TOTAL	3822,47
	*				200/,1/
CUSTOMER or AGENT	ES SIGNATURE LA COLO	Bak	T.00	12911	11/2000

	3007,17
CUSTOMER OF AGENTS SIGNATURE WILL BOOK OF AGENTS SIGNATURE	FOREMAN Juacy J. Williams
CUSTOMER or AGENT (PLEASE PRINT)	DATE

190776

RECEIVED

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

AUG 0 2 2004 KCC WICHITA

TICKET NUMBER 31381	
LOCATION BOTHER WILL	
FOREMAN Tracy L. William	ځ

TREATMENT REPORT

DATE	CUSTOMER#	WELL NAME	FORMATION	r	TRUCK #	DRIVER	TRUCK #	DRIVER		
6-9-04	1368	Kahulto 1	h/-/		418	Tim				
SECTION	TOWNSHIP	RANGE	COUNTY	<u> </u>	400	Brian				
The desired	3/5	148	Mentione	L/ 1	412	Bally				
CUSTOMER			JANGE INF		235	Carl				
1	$) \rightarrow$		•	4	\ \text{\alpha} \ \alpha					
MAILING ADDF	RESS					<u> </u>				
							,			
CITY										
				1 1	L					
STATE		ZIP CODE								
~				. + :		TYPE OF TI	REATMENT			
				7.	[] SURFACE	2000	[] ACID BREA	KDOWN		
TIME ARRIVED	ON LOCATION	, '		1			[] ACID STIMU			
L	WELL	DATA			and the second s	****	[] ACID SPOT			
HOLE SIZE	L34	PACKER DEPT	H]	[]PLUG&AE		[].FRAC			
TOTAL DEPTH		PERFORATION	· · · · · · · · · · · · · · · · · · ·		[]PLUG BAC	anner t 2	[] FRAC + NIT	ROGEN		
	2 South Wall Allerton		7.5."		[] MISP. PUM	-				
CASING SIZE		OPEN HOLE			[]OTHER []					
CASING DEPTH /50.3			,	6						
CASING WEIGI		TUBING SIZE			PRESSURE LIMITATIONS					
CASING COND		TUBING DEPTH	1	4.			THEORETICAL	INSTRUCTED		
23,97 TUBING WEIGHT			SURFACE PIPE							
		TUBING COND	ITION	,	ANNULUS LONG	STRING >				
TREATMENT V	IA			;	TUBING 🐧	, prints				
					a agreed for					
INSTRUCTION	PRIOR TO JOB	an dikenf	oclwith.	1 sthulls	5661 Wats	1561 mudf	Yuch while	brookingsing		
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plua Pumpa		60 Hon Fort	thoe.Sh	Util O	cculated	11 bht c-	ment slurry	to 0.7		
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will	Bak					-				
TIME	OTAGE	I DDI C	INLEATE	DDODDANT	CAND (CTACE					
AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND/STAGE	PSI		,		
				·			BREAKDOWN F	PRESSURE		
				1.	, , , , , , , , , , , , , , , , , , ,		DISPLACEMEN'	Т		
				;			MIX PRESSURE			
	,						MIN PRESSURE			
				1			ISIP			
			1			15 MIN.				
			6.2			MAX RATE				
							MIN RATE			
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