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

ORIGINAL

Operator: License #_33074	API No. 15 - 125-30387-00-00
Name: Dart Cherokee Basin Operating Co., LLC	County: Montgomery
Address: P O Box 177	SW_ Sec. 20 Twp. 31 S. R. 15 V East West
City/State/Zip: Mason MI 48854-0177	659' FSL feet from N (circle one) Line of Section
Purchaser: Oneok	4620' FEL feet fron E/ W (circle one) Line of Section
Operator Contact Person: Beth Oswald	Footages Calculated from Nearest Outside Section Corner:
Phone: (517) 244-8716 Contractor: Name: McPherson	(circle one) NE SE NW (SW)
Contractor: Name: McPherson	Lease Name: Sycamore Springs Ranch Well #: D1-20
Licenses 5675	Field Name: Cherokee Basin Coal Gas Area
Wellsite Geologist: Bill Barks Designate Type of Completion:	Producing Formation: Penn Coals
Designate Type of Completion:	Elevation: Ground: 961' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1495' Plug Back Total Depth: 1490'
Oil SWD SIOWTemp. 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
Operator:	feet depth to sx cmt.
Well Name:	Drilling Fluid Management Plan Alt II Ur 6.2.04
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volume_NA bbls
Plug BackPlug Back Total Depth	Dewatering method used no fl in pit
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name:
9-5-03 9-9-03 9-12-03	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec. Twp. S. R. East West
Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover 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 at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	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 82-3-101) months if 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.	e the oil and gas industry have been fully complied with and the statements
Signature: Beth Oswald	KCC Office Use ONLY
Title: Admn E Engr Asst Date: 3.12.04	Letter of Confidentiality Attached
Subscribed and sworn to before me this 12 day of March	If Denied, Yes Date:
45 200 f.	Wireline Log Received
Notary Public: Bonnie R. Firiend	Geologist Report Received
Date Commission Expires: 11-29-04	
- The Commission Expression	

ORIGINAL

Operator Name: Dart C Sec. 20 Twp. 31		Operating Co., LLC ✓ East West			Sycamore Spr gomery	ings Ranch	Well #: D1-	20
INSTRUCTIONS: Show tested, time tool open ar temperature, fluid recove Electric Wireline Logs su	nd closed, flowing ar ery, and flow rates if	nd shut-in pressures, v gas to surface test, al	vhether sh ong with fi	ut-in pre	ssure reached st	atic level, hydros	atic pressure	es, bottom hole
Drill Stem Tests Taken (Attach Additional She	ets)	☐ Yes 🗸 No		Lo	og Formation	n (Top), Depth and	d Datum	✓ Sample
Samples Sent to Geological Survey		Yes ✔ No		Name Top See Attached RECEIVED				Datum
(Submit Copy) List All E. Logs Run: High Resolution Compensated Density Neutron				MAR 1 5 2004 KCC WICHITA				
		CASING F		Ne face, inte		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 Percent Additives
Surf	11"	8 5/8"			22'	Class A	4	
Prod	6 3/4"	4 1/2"		10.5	1490'	50/50 Poz	180	See Attached
		ADDITIONAL	CEMENTIN	G / SQU	EEZE RECORD			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks I	Jsed		Type and Per	cent Additives	
Shots Per Foot	PERFORATION Specify Foo	RECORD - Bridge Plugs tage of Each Interval Perfe	s Set/Type orated			ure, Shot, Cement Sount and Kind of Mate		d Depth
		1	See Atta	ached				
TUBING RECORD	Size 2 3/8"	Set At 1440'	Packer At		Liner Run	Yes V No		
Date of First, Resumed Pro	duction, SWD or Enhr.	Producing Metho	od	Flowing	✓ Pumping	Gas Lift	Othe	r (Explain)
Estimated Production Per 24 Hours	Oil Bbls	s. Gas M	Mcf	Wate			s-Oil Ratio	Gravity NA
Disposition of Gas	METHOD OF COM				Production Interva	ıl		
Vented Sold [Used on Lease ACO-18.)	Open Hole Other (Specification of the control of th	Perf.	D	ually Comp.	Commingled	····	

ORIGINAL

Dart Cherokee Basin Operating Co LLC #33074 Sycamore Springs Ranch D1-20 API #15-125-30387-00-00 SW SW Sec 20 T31S-R15E Attachment to ACO-1 Well Completion Form

Shots Per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
6	1381'-1382'	300 gal 12% HCl, 20 BBL FW	
6	1340'-1341'	300 gal 12% HCl, 1655# sd, 245 BBL fl	
6	1133'-1135'	300 gal 12% HCl, 2005# sd, 245 BBL fl	
6	1091'-1092'	300 gal 12% HCl, 1665# sd, 235 BBL fl	
6	1039'-1043'	300 gal 12% HCl, 8060# sd, 860 BBL fl	
6	892.5'-893.5'	300 gal 12% HCl, 1685# sd, 230 BBL fl	

RECEIVED

MAR 1 5 2004

KCC WICHITA

RECEIVED SEP 2 6 20 McPherson Drilling LLC **Drillers Log**

T. 31 Rig Number: S. 20 R. 15 E API No. 15- 125-30387 County: MG Elev. 961' Location: SW SW

Operator:

Dart Cherokee Basin Operating Co. LLC

Address:

3541 CR 5400

Independence, KS. 67301

Well No:

D1-20

Lease Name: Sycamore Springs Ranch

Footage Location:

659 ft. from the South 4620 ft. from the East

Line

McPherson Drilling LLC

Line

Drilling Contractor: Spud date:

9/5/2003

Geologist:

Date Completed:

9/9/2003

Total Depth: 1495'

Casing Record			Rig Time:		
	Surface	Production	2.5 hrs. Gas tests		
Size Hole:	11"	6 3/4"			
Size Casing:	8 5/8"				
Weight:	20#				
Setting Depth:	22'	McPherson	1		
Type Cement:	Portland		start injecting water @	540'	
Sacks:	4	McPherson			

ORIGINAL

Gas Tests:

Well Log								
Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm
lime	0	65	Mulky	1034	1041			
shale	65	194	3rd Oswego	1041	1048			
lime	194	203	shale	1048	1065			
shale	203	231	coal	1065	1067			
sand/shale	231	398	shale	1067	1090			
lime	398	407	coal	1090	1092			
shale	407	417	sand/shale	1092	1121			
lime	417	433	coal	1121	1122			
shale	433	450	sand/shale	1122	1230			
lime	450	506	coal	1230	1232			
sand	506	540 no sho	sand/shale	1232	1265			
sand/shale	540	600	coal	1265	1267			
shale	600	677	sand/shale	1267	1275			
sand/shale	677	753	shale	1275	1374			
lime	753	760	coal	1374	1376			
sand/shale	760	764	shale	1376	1385			
sand	764	800 odor	Mississippi	1385	1495 TD			
sand/shale	800	901						
coal	901	902						
shale	902	905						
pink lime	905	983						
1st Oswego	983	1010						
Summit	1010	1019						
2nd Oswego	1019	1034						

CONSOLIDATED OIL WELL SERVICES, INC. 211 W. 14TH STREET, CHANUTE, KS 66720 RECEIVED SEP 1 8 2003 620-431-9210 OR 800-467-8676

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TREATMENT REPORT

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DATE	CUSTOMER#		FORMATION		TRUCK #	DRIVER	TRUCK #-	DRIVER
9-10-03	2369	# 01-20	SERVANIA (C. 14) Talifania	ĺ	393	Kant	13 RX sigs:	aa aanaaaa - 4a A86 aar
SECTION	TOWNSHIP	RANGE	COUNTY		235	(Dun)	4	NATE OF
20	31	1	ML	4	4-7	MARK	10	and the garage
CUSTOMER	<u></u>	1. / 3 1.5.	1 / 7 4	* * * * * * * * * * * * * * * * * * *	146	Tim		Mir or made
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211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

RECEIVED SEP 1 8 2003 ORIGINAL

RECEIVED

MAR 1 5 2004

TICKET NUMBER

KEC WICHITA

Sycamore Springs		:	
9-10-03 2368 Ranch D1-20	SECTION TWP	RGE COUNTY	FORMATION
CHARGE TO DART	OWNER		
MAILING ADDRESS	OPERATOR		g district stores
CITY & STATE	CONTRACTOR		
<u> </u>			

	······································	T	UNIT	TOTAL
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	PRICE	TOTAL AMOUNT
5401	/	PUMP CHARGE LONGS TRING		525.00
	1490'			
				,
·				
		<u> </u>		21/0
1110	/8 sx	GILSONITE &		349.20
////	450#	SACT		45,00
1118	S SX	660		59,00
1107	3 sx	FLO Seal 9		113,25
1105	2 5x	HULLS,	-	25,90
4404	/ sa.	41/2 unbberplag		27,00
1/23	6300 GAC	CITS H20		70.88
/238	/ 6AL	FOAMER	·	30,00
1205	1/2 GAL	BI-CIDE		33.75
		2500.40		
		3840 GAL)		
		730 1123.10)		
\		BLENDING & HANDLING	:	10
3407	Mir	TON-MILES		190,00
		STAND BY TIME		
		MILEAGE		
5501.10	THR	WATER TRANSPORTS		300,00
5502	4 HR	VACUUM TRUCKS		280,00
		FRÁC SAND		
1/24	180 SX	CEMENT 50/50		1161,00
			SALES TAX	101.82
			:	
Ravin 2790			ESTIMATED TOTAL	3311.80

CUSTOMER OF AGENTS SIGNATURE Will Flanks	CIS FOREMAN JA Cuchar
	//()0

CUSTOMER or AGENT (PLEASE PRINT)_

DATE