

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 33074  
Name: Dart Cherokee Basin Operating Co., LLC  
Address: P O Box 177  
City/State/Zip: Mason MI 48854-0177  
Purchaser: Oneok  
Operator Contact Person: Beth Oswald  
Phone: (517) 244-8716  
Contractor: Name: McPherson  
License: 5675  
Wellsite Geologist: Bill Barks

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Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_  

7-9-03	7-14-03	7-16-03
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30361-00-00  
County: Montgomery  
SE SE SW Sec. 20 Twp. 31 S. R. 15  East  West  
169' FSL feet from S / N (circle one) Line of Section  
2805' FEL feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Sycamore Springs Ranch Well #: D2-20 SWD  
Field Name: Jefferson-Sycamore  
Producing Formation: Penn Coals  
Elevation: Ground: 984' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1830' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 20' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** *ALT #2 SWD KJR 5/24/07*  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

Signature: Beth Oswald  
Title: Admn & Engr Asst Date: 3.4.04  
Subscribed and sworn to before me this 4th day of March, 2004.  
Notary Public: Karen L. Welton  
Date Commission Expires: My Comm. Expires Mar. 3, 2007

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution



Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Sycamore Springs Ranch Well #: D2-20 SWD  
 Sec. 20 Twp. 31 S. R. 15  East  West County: Montgomery

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  High Resolution Compensated Density Neutron	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum  See Attached
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CASING RECORD							
				New	Used		
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surf	11"	8 5/8"		20'	Class A	4	
Prod	7 7/8"	5 1/2"	15.5	1719'	50/50 Poz	260	See Attached

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
		300 gal 20% HCl, 1200 gal 15% HCl, 275 BBL fl	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
		2 7/8"	1710'	1707'			
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
8-27-03		Flowing		<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	NA	NA	NA				

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented     Sold     Used on Lease       Open Hole     Perf.     Dually Comp.     Commingled  
*(If vented, Sumit ACO-18.)*       Other (Specify) \_\_\_\_\_

**McPherson Drilling LLC Drillers Log**

<b>Rig Number:</b> 1	<b>S. 20 T. 31 R. 15 E</b>
<b>API No.</b> 15- 125-30361-0000	<b>County:</b> MG
<b>Elev.</b> 984'	<b>Location:</b> ap S/2 SE SE SW

<b>Gas Tests:</b>
<b>ORIGINAL</b>
<b>RECEIVED</b>
<b>MAR 08 2004</b>
<b>KCC WICHITA</b>

<b>Operator:</b> Dart Cherokee Basin Operating Co. LLC
<b>Address:</b> 3541 CR 5400 Independence, KS. 67301
<b>Well No:</b> D2-20 SWD <b>Lease Name:</b> Sycamore Sprgs Ranch
<b>Footage Location:</b> 169 ft. from the South Line 2805 ft. from the East Line
<b>Drilling Contractor:</b> McPherson Drilling LLC
<b>Spud date:</b> 7/9/2003 <b>Geologist:</b>
<b>Date Completed:</b> 7/11/2003 <b>Total Depth:</b> 1830'

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	7 7/8"	2 hrs 45 min Gas tests
Size Casing:	8 5/8"		1 day Booster charge
Weight:	20#		
Setting Depth:	21'	McPherson	
Type Cement:	Portland		
Sacks:	4	McPherson	

<b>Remarks:</b>

Well Log									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
lime	0	72	shale	776	780	shale	1200	1216	
shale	72	197	sand/shale	780	840	coal	1216	1217	
lime	197	205	sand	840	857	shale	1217	1230	
shale	205	359	shale	857	903	shale	1230	1265	
lime	359	370	coal	903	904	coal	1265	1266	
shale	370	410	pink lime	904	927	shale	1266	1320	
lime	410	430	shale	927	946	coal	1320	1321	
shale	430	460	sand	946	953	shale	1321	1356	
lime	460	491	sand/shale	953	998	coal	1356	1359	
wet blk shale	491	493	oswego lime	998	1024	shale	1359	1398	
lime	493	508	summit	1024	1035	coal	1398	1400	
sand	508	543	lime	1035	1052	shale	1400	1406	
coal	543	544	mulky	1052	1059	Miss lime	1406	1677	
sand	544	550	lime	1059	1064	shale	1677	1710	green
sandy shale	550	581	shale	1064	1080	Arb. Lime	1710	1719	ft brn
lime	581	606	lime	1080	1081	shale	1719	1721	grey
shale	606	645	coal	1081	1083	lime	1721	1830	water
sand	645	655	shale	1083	1106				
shale	655	671	coal	1106	1107				TD
lime	671	675	shale	1107	1120				
shale	675	708	sand/shale	1120	1150				
lime	708	738	coal	1150	1151				
shale	738	760	sand/shale	1151	1190				
lime	760	776	sand	1190	1200				

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TG 393  
 Jam 226  
 bsb 407  
 Fred 402

RECEIVED

ORIGINAL

CONSOLIDATED OIL WELL SERVICES, INC.  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 316-431-9210 OR 800-467-8676

MAR 08 2004  
 KCC WICHITA  
 TREATMENT REPORT

TICKET NUMBER 21259  
 LOCATION B'ville  
 FOREMAN JG

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
7-14-03	2368	Sycamore Springs Ranch D2-20 SWD		20	37	15	MANA	
CHARGE TO <u>DART</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME ARRIVED ON LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	<u>7 7/8</u>
TOTAL DEPTH	<u>1830</u>
CASING SIZE	<u>5 1/2</u>
CASING DEPTH	<u>1719</u>
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB

JOB SUMMARY

DESCRIPTION OF JOB EVENTS - dropped "trip ball" to set type A shoe  
est. circ & set packer shoe - ran 2 sx gel followed by  
10 BBL mud flush then 10 BBL clean H<sub>2</sub>O - ran 260 sx 50/50  
5#, 52, 270, 1/2# w/hulls @ 13.5 PP6 - shut down - washed out  
lines & pump - dropped plug - displaced to bottom & set shoe - shut in -  
landed plug @ 1200# - circ. cont. to surface -

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

AUTHORIZATION TO PROCEED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.



**CONSOLIDATED**  
OIL WELL  
SERVICES  
AN INFINITY COMPANY

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

ORIGINAL

RECEIVED

TICKET NUMBER

22130

MAR 08 2004

LOCATION

B'ville

FIELD TICKET **KGC WICHITA**

DATE 7-14-03	CUSTOMER ACCT # 2368	WELL NAME Sycamore Springs Rand. D2-20 SWD	QTR/QTR	SECTION 20	TWP 31	RGE 15	COUNTY MONT	FORMATION
CHARGE TO DART				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1	PUMP CHARGE LONGSTRING		525.00
1110	26 sx	6 1/2 sonite	*	504.40
1111	600 #	SACT	*	60.00
1118	8 sx	GEL	*	94.40
1107	4 sx	Flo seal	*	151.00
1105	2 sx	HULLS	*	25.90
4405	1 ea	5 1/2 rubber plug	*	37.50
1238	1 GAL	FOAMER		30.00
1205	2 GAL	BI-CIDE		45.00
1123	7500 GAL	City H <sub>2</sub> O	*	84.38
4137	1 ea	Type A Packer shoe	*	1184.00
5407	MIN	BLENDING & HANDLING TON-MILES		190.00
5501	4 HR	STAND BY TIME MILEAGE WATER TRANSPORTS		300.00
1124	260 sx	VACUUM TRUCKS FRAC SAND CEMENT 50/50	*	1677.00
			* SALES TAX	210.00
ESTIMATED TOTAL				5118.60

Ravin 2790

CUSTOMER or AGENTS SIGNATURE

*William Bahr*

CIS FOREMAN

*Jeff Gehan*

CUSTOMER or AGENT (PLEASE PRINT)

DATE

185265