

**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  
 Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     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. \_\_\_\_\_  

<u>10-5-05</u>	<u>10-7-05</u>	<u>11-22-05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

**ORIGINAL**

API No. 15 - 125-30849-00-00  
 County: Montgomery  
SW NE SE Sec. 2 Twp. 31 S. R. 14  East  West  
1920' FSL feet from S / N (circle one) Line of Section  
680' 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: C&S Shultz Well #: C4-2  
 Field Name: Cherokee Basin Coal Gas Area  
 Producing Formation: Penn Coals  
 Elevation: Ground: 913' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1526' Plug Back Total Depth: 1514'  
 Amount of Surface Pipe Set and Cemented at 42 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1523  
 feet depth to 8 w/ 150 sx cmt.  
DK2 - Dlg - 10/20/08  
**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content NA ppm Fluid volume 60 bbls  
 Dewatering method used Empty w/ vac trk and air dry  
 Location of fluid disposal if hauled offsite:  
 Operator Name: Dart Cherokee Basin Operating Co LLC  
 Lease Name: Shultz D2-1 SWD License No.: 33074  
 Quarter SW Sec. 1 Twp. 31 S. R. 14  East  West  
 County: Montgomery Docket No.: D-28435

**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: 2-13-06

Subscribed and sworn to before me this 13th day of February  
 Notary Public: Cheryl L. Quinn  
 My Commission Expires Oct. 20, 2011  
 Acting in the County of Ingham

**KCC Office Use ONLY**

NO Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
**FEB 16 2006**

**KCC WICHITA**

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: C&S Shultz Well #: C4-2  
 Sec. 2 Twp. 31 S. R. 14  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 & Dual Induction	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  Name Top Datum  See Attached  <div style="text-align: center; font-size: 2em; font-weight: bold; opacity: 0.5;">ORIGINAL</div>
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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"	24#	42'	Class A	8	
Prod	6 3/4"	4 1/2"	10.5#	1523'	Thick Set	150	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	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
4		1340.5'-1343'	300 gal 15% HCl, 3785# sd, 295 BBL fl	
4		1201.5'-1204.5'	300 gal 15% HCl, 4505# sd, 330 BBL fl	
4		1126'-1128'	300 gal 15% HCl, 3050# sd, 275 BBL fl	
4		1064'-1066.5'	300 gal 15% HCl, 3790# sd, 305 BBL fl	
4		1016'-1018.5'	300 gal 15% HCL, 5010# sd, 365 BBL fl	

TUBING RECORD		Size 2 3/8"	Set At 1498'	Packer At NA	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr. 12-6-05		Producing Method Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>			
Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf 0	Water Bbls. 67	Gas-Oil Ratio NA	Gravity NA

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

**METHOD OF COMPLETION**      **Production Interval**

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**McPherson Drilling LLC Drillers Log**

<b>Rig Number:</b> 1	<b>S. 2</b>	<b>T. 31</b>	<b>R. 14 E</b>
<b>API No.</b> 15- 125-30849 - W - UD	<b>County:</b> Montgomery		
<b>Elev.</b> 913'	<b>Location:</b>		

<b>Gas Tests:</b>
<b>ORIGINAL</b>
<b>Comments:</b>
start injecting water @

<b>Operator:</b> Dart Cherokee Basin Operating Co. LLC
<b>Address:</b> 211 Myrtle Independence, KS 67301
<b>Well No:</b> C4-2 <b>Lease Name:</b> C & S Shultz
<b>Footage Location:</b> 1920 ft. from the South Line 680 ft. from the East Line
<b>Drilling Contractor:</b> McPherson Drilling LLC
<b>Spud date:</b> 10/5/2005 <b>Geologist:</b>
<b>Date Completed:</b> 10/7/2005 <b>Total Depth:</b> 1526'

<b>Casing Record</b>		<b>Rig Time:</b>
	<b>Surface</b>	<b>Production</b>
<b>Size Hole:</b>	11"	6 3/4"
<b>Size Casing:</b>	8 5/8"	McPherson
<b>Weight:</b>	20#	
<b>Setting Depth:</b>	42	
<b>Type Cement:</b>	Portland	McPherson
<b>Sacks:</b>	8	
		<b>Driller - Andy Coats</b>

Well Log									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
soil	0	4	shale	1029	1033				
lime	4	40	coal	1033	1035				
shale	40	47	shale	1035	1063				
lime	47	81	coal	1063	1065				
shale	81	107	shale	1065	1123				
lime	107	132	coal	1123	1125				
shale	132	370	shale	1125	1182				
sand shale	370	440 wet	coal	1182	1184				
lime	440	517	shale	1184	1190				
shale	517	568	coal	1190	1192				
lime	568	591	shale	1192	1309				
shale	591	617	coal	1309	1311				
lime	617	958	shale	1311	1370				
shale	958	765	Mississippi	1370	1526 TD				
sand	765	785							
sand shale	785	888							
coal	888	890							
pink lime	890	905							
shale	905	974							
oswego	974	999							
summitt	999	1008							
oswego	1008	1016							
mulky	1016	1022							
oswego	1022	1029							

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CONSOLIDATED OIL WELL SERVICES, INC.  
 P.O. BOX 884, CHANUTE, KS 66720  
 320-431-9210 OR 800-467-8676

TICKET NUMBER **07683**  
 LOCATION EUREKA  
 FOREMAN KEVIN MCCOY

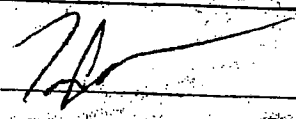
**ORIGINAL**  
 TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-8-05	2368	C & S Shultz C4-2	2	315	4E	MG
CUSTOMER <u>Dart Cherokee Basin</u>		Gus Jones Rig 2	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>3541 Co. Rd. 5400</u>			463	ALAN		
CITY <u>Independence</u>		STATE <u>Ks</u>	ZIP CODE <u>67301</u>	441	JIM	

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1526' CASING SIZE & WEIGHT 4 1/2 10.5" NEW  
 CASING DEPTH 1523' DRILL PIPE TUBING OTHER  
 SLURRY WEIGHT 13.2" SLURRY VOL 46 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 24.25 BBL DISPLACEMENT PSI 900 MAX PSI 1400 Bump Plug RATE

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. BREAK CIRCULATION w/ 35 BBL fresh water. Pump 4 sks Gel Flush w/ HULLS, 10 BBL FORMER, 10 BBL FRESH WATER SPACER. Mixed 150 sks Thick Set Cement w/ 8" KOL-SEAL per/sk @ 13.2" per/gal, yield 1.73. WASH out Pump & Lines. Shut down. Release Plug. Displace w/ 24.25 BBL FRESH WATER. FINAL Pumping Pressure 900 PSI. Bump Plug to 1400 PSI. wait 5 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to SURFACE = 8 BBL SLURRY. Job Complete Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	36	MILEAGE	765.00	765.00
			3.00	108.00
1126 A	150 SKS	Thick Set Cement	13.00	1950.00
1110 A	24 SKS	KOL-SEAL 8" per/sk	16.90	405.60
1118 A	4 SKS	Gel Flush	6.63	26.52
1105	1 SK	HULLS	14.50	14.50
5407	8.25 Tons	Ton Mileage BULK TRUCK	MIC	260.00
4404	1	4 1/2 Top Rubber Plug	38.00	38.00
1238	1 GAL	SOAP	32.15	32.15
1205	2 GAL	Bi-Cide	24.15	48.30
<b>RECEIVED</b>				
<b>FEB 16 2006</b>				
<b>KCC WICHITA</b>				
Thank You			5.3%	Sub total 3648.07
				SALES TAX 129.09
				ESTIMATED TOTAL 3777.14

AUTHORIZATION 

TITLE 200119

DATE