

**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  
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. \_\_\_\_\_  
12-13-06    12-15-06    1-6-06  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 205-26214-00-00  
County: Wilson  
\_\_\_\_NW\_\_\_\_SE\_\_\_\_SW Sec. 13 Twp. 30 S. R. 14  East  West  
1140' FSL    feet from  N (circle one) Line of Section  
3395' 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 McCloyland Well #: D2-13  
Field Name: Cherokee Basin Coal Gas Area

Producing Formation: Penn Coals  
Elevation: Ground: 913' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1484' Plug Back Total Depth: 1473'  
Amount of Surface Pipe Set and Cemented at 43 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**    *AIT II NR*  
(Data must be collected from the Reserve Pit)    *10-28-08*  
Chloride content NA ppm    Fluid volume 150 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: Frey B4-12 License No.: 33074  
Quarter NE Sec. 12 Twp. 30 S. R. 14  East  West  
County: Wilson Docket No.: D-28438

**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: 4-4-06  
Subscribed and sworn to before me this 4th day of April,  
2006  
Notary Public: Karen L. Welton  
Date Commission Expires: \_\_\_\_\_

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED  
APR 07 2006  
KCC WICHITA**

**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., LLC Lease Name: C McClayland Well #: D2-13  
 Sec. 13 Twp. 30 S. R. 14  East  West County: Wilson

**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	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Log</td> <td style="width:40%;">Formation (Top), Depth and Datum</td> <td style="width:30%; text-align: right;"><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td colspan="3" style="text-align: center;">See Attached</td> </tr> </table>	Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample	Name	Top	Datum	See Attached		
Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample								
Name	Top	Datum								
See Attached										

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#	43'	Class A	8	
Prod	6 3/4"	4 1/2"	10.5#	1479'	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	1076.5' - 1078'		300 gal 15% HCl, 2315# sd, 250 BBL fl	
4	1014.5' - 1016.5'		300 gal 15% HCl, 3055# sd, 275 BBL fl	
4	967.5' - 971'		300 gal 15% HCl, 7010# sd, 440 BBL fl	
4	853' - 854.5'		300 gal 15% HCl, 2315# sd, 225 BBL fl	

TUBING RECORD	Size 2 3/8"	Set At 1297'	Packer At NA	Liner Run Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 1-13-06	Producing Method Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf 3	Water Bbls. 44	Gas-Oil Ratio NA	Gravity NA
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

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**Rig Number:** 1  
**API No.** 15- 205-26214  
 Elev. 913  
**S. 13 T. 30 R. 14E**  
**County:** Wilson  
**Location:**

**Operator:** Dart Cherokee Basin Operating Co. LLC  
**Address:** 211 W. Myrtle  
 Independence, KS 67301  
**Well No:** D2-13  
**Lease Name:** McClayland  
**Footage Location:** 1140 ft. from the South Line  
 3395 ft. from the East Line  
**Drilling Contractor:** McPherson Drilling LLC  
**Spud date:** 12/13/2005  
**Geologist:**  
**Date Completed:** 12/15/2005  
**Total Depth:** 1484.5

**Gas Tests:**

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**Comments:**  
 Start injecting water @ 420

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	6 3/4"	1 day booster Driller - Andy Coats
Size Casing:	8 5/8"		
Weight:	20#		
Setting Depth:	42.7	McP	
Type Cement:	Port		
Sacks:	8	McP	

Well Log											
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.			
soil	0	8	sand	798	820	coal	1320	1321			
sand	8	14	sand shale	820	849	shale	1321	1333			
lime	14	40	coal	849	851	Mississippi	1333	1484.5			
shale	40	42	pink lime	851	879	TD.					
lime	42	67	shale	879	928	74 x 20 = 1480'					
shale	67	92	owego	928	945	..+3 sub = 4.5'					
lime	92	147	summit	945	952	..=1484.5'					
shale	147	293	oswego	952	967						
sand	293	355	mulky	967	972						
shale	355	418	oswego	972	979						
lime	418	502	shale	979	1013						
black shale	502	508	coal	1013	1015						
lime	508	522	shale	1015	1029						
shale	522	557	coal	1029	1031						
lime	557	576	shale	1031	1070						
shale	576	615	coal	1070	1072						
lime	615	632	sand shale	1072	1112						
shale	632	635	coal	1112	1114						
black shale	635	639	shale	1114	1142						
shale	639	716	sand shale	1142	1168						
lime	716	721	sand	1168	1204						
shale	721	785	sand shale	1204	1267						
lime	785	790	coal	1267	1270						
sand shale	790	798	sand shale	1270	1320						

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 APR 07 2006  
 KCC WICHITA

CONSOLIDATED OIL WELL SERVICES, INC.  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER 07997

LOCATION EUREKA

FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE <u>12-16-05</u>	CUSTOMER # <u>2368</u>	WELL NAME & NUMBER <u>C. McClayland D2-13</u>		SECTION <u>13</u>	TOWNSHIP <u>305</u>	RANGE <u>14E</u>	COUNTY <u>Wilson</u>
CUSTOMER <u>DART Cherokee Basin</u>		Gus Jones Rig 2		TRUCK # <u>445</u>	DRIVER <u>Rick L.</u>	TRUCK #	DRIVER
MAILING ADDRESS <u>3541 Co. Rd 5400</u>		STATE <u>KS</u>	ZIP CODE <u>67301</u>	<u>439</u>	<u>Justin</u>		
CITY <u>Independence</u>		HOLE SIZE <u>6 3/4</u>	HOLE DEPTH <u>1484'</u>	<u>436</u>	<u>LARRY</u>		
JOB TYPE <u>Longstring</u>	CASING DEPTH <u>1479'</u>	DRILL PIPE	TUBING	CASING SIZE & WEIGHT <u>4 1/2 10.5* New</u>			
SLURRY WEIGHT <u>13.2*</u>	SLURRY VOL <u>46 BBL</u>	DISPLACEMENT PSI <u>700</u>	WATER gal/sk <u>8.0</u>	OTHER			
REMARKS <u>SAFETY Meeting: Rig up to 4 1/2 casing. Break circulation w/ 30 BBL fresh water. Pump 4 sks Gel Flush w/ HULLS, 10 BBL foamer, 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 &amp; Lines. Shut down. Release Plug. Displace w/ 23.5 BBL fresh water. Final Pumping Pressure 700 PSI. Bump Plug to 1100 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.</u>		CEMENT LEFT IN CASING <u>0'</u>		RATE			

REMARKS: SAFETY Meeting: Rig up to 4 1/2 casing. Break circulation w/ 30 BBL fresh water. Pump 4 sks Gel Flush w/ HULLS, 10 BBL foamer, 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/ 23.5 BBL fresh water. Final Pumping Pressure 700 PSI. Bump Plug to 1100 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 of UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	36	MILEAGE	800.00	800.00
126 A	150 SKS	Thick Set Cement	3.15	113.40
10 A	24 SKS	Kol-Seal 8" per/sk	13.65	2047.50
18 A	4 SKS	Gel Flush	17.75	426.00
05	1 SK	HULLS	7.00	28.00
407	8.25 TONS	Tow Mileage BULK TRUCK	15.25	15.25
404	1	4 1/2 Top Rubber Plug	MC	275.00
38	1 GAL	SOAP	40.00	40.00
15	2 GAL	Bi-Gide	33.75	33.75
02 C	3 HAS	80 BBL VAC TRUCK	25.35	50.70
3	3000 GALS	CITY WATER	90.00	270.00
			12.80 per 1000	38.40
		Sub Total		4138.00
		SALES TAX		163.49
		ESTIMATED TOTAL		4301.49

Thank you  
 20496  
 3%

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Signature

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APR 07 2006

DATE

DEC 16 2005