

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. \_\_\_\_\_  

<u>6-10-06</u>	<u>6-14-06</u>	<u>7-1-06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30989-00-00  
 County: Montgomery  
NE SW NW SW Sec. 15 Twp. 33 S. R. 14  East  West  
1800' FSL \_\_\_\_\_ feet from S / N (circle one) Line of Section  
4850' 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: D&D Armitage Well #: C1-15  
 Field Name: Cherokee Basin Coal Gas Area  
 Producing Formation: Penn Coals  
 Elevation: Ground: 864' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1590' Plug Back Total Depth: 1587'  
 Amount of Surface Pipe Set and Cemented at 45 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1587  
 feet depth to 0 w/ 160 sx cmt  
AH 2 - Dg - 12/3/09

**Drilling Fluid Management Plan**  
 (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: [Signature]  
 Title: Engr. Clerk Date: 10/2/06  
 Subscribed and sworn to before me this 2nd day of October  
 2006  
 Notary Public: [Signature]  
 Date Commission Expires: \_\_\_\_\_

**KCC Office Use ONLY**

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

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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: D&D Armitage Well #: C1-15  
 Sec. 15 Twp. 33 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  Yes ✓ No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes ✓ No  
 Cores Taken Yes ✓ No  
 Electric Log Run ✓ Yes No  
 (Submit Copy)

List All E. Logs Run:

High Resolution Compensated Density Neutron & Dual Induction

Log Formation (Top), Depth and Datum ✓ 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#	45'	Class A	8	
Prod	6 3/4"	4 1/2"	9.5#	1587'	Thick Set	160	See Attached

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	1386.5' - 1388'	300 gal 15% HCl, 2320# sd, 245 BBL fl	
4	1147' - 1148.5'	300 gal 15% HCl, 2315# sd, 210 BBL fl	
4	1081.5' - 1083' / 1062' - 1065'	470 gal 15% HCl, 11580# sd, 10 bio-balls, 530 BBL fl	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1532'	NA	Yes ✓ No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
7-6-06	Flowing ✓ Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	3	26	NA	NA

Disposition of Gas  Vented ✓ Sold  Used on Lease (If vented, Sumit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  
 Production Interval:  Other (Specify)

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<b>Rig Number:</b> 2	<b>S. 15 T. 33 R. 14 E</b>
<b>API No.</b> 15- 125-30989-00-00	<b>County:</b> MG
<b>Elev.</b> 864	<b>Location:</b> NE SW NW SW

**Operator:** Dart Cherokee Basin  
**Address:** 211 W Myrtle  
 Independence, KS 67301  
**Well No:** C1-15 **Lease Name:** D&D Armitage  
**Footage Location:** 1800 ft. from the South Line  
 4850 ft. from the East Line  
**Drilling Contractor:** McPherson Drilling LLC  
**Spud date:** 6/10/2006 **Geologist:** Becky  
**Date Completed:** 6/14/2006 **Total Depth:** 1590

**Gas Tests:**

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**Comments:**  
 Start injecting @

<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>	22#		
<b>Setting Depth:</b>	45'		
<b>Type Cement:</b>	Portland	McPherson	<b>Driller:</b> Mac
<b>Sacks:</b>	8	McPherson	

**Well Log**

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Soil	0	6	Mulkey	1056	1063			
Lime (wet)	6	19	Lime	1063	1075			
Shale	19	43	Shale	1075	1081			
Lime (wet)	43	60	Coal	1081	1082			
Shale	60	213	Shale	1082	1103			
Lime	213	217	Coal	1103	1104			
Shale	217	310	Shale	1104	1384			
Lime	310	322	Coal	1384	1386			
Shale	322	397	Shale	1386	1437			
Sandy lime	397	411	Miss Lime	1437	1590 TD			
Shale	411	530						
Lime	530	540						
Shale	540	681						
Lime	681	688						
Sand	688	703						
Shale	703	878						
Sand (no sho)	878	890						
Shale	890	895						
Lime	895	914						
Blk. Shale	914	917						
Shale	917	993						
Osw. Lime	993	1025						
Summit	1025	1030						
Lime	1030	1056						

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

TICKET NUMBER 10158

LOCATION Eureka

FOREMAN Troy Strickler

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-15-06	2368	Armitage C1-15				MG
CUSTOMER		Dart Cherokee Basin				
MAILING ADDRESS		211 W. Myrtle				
CITY	STATE	ZIP CODE	Gus Jones			
Independence	Ks	67301	TRUCK #	DRIVER	TRUCK #	DRIVER
			463	Alan		
			439	Justin		
			452/763	Jim		

JOB TYPE Longstring HOLE SIZE 6 3/4" HOLE DEPTH 1590' CASING SIZE & WEIGHT 4 1/2" 9.5"  
 CASING DEPTH 1587' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2# SLURRY VOL 508bl WATER gal/sk 8" CEMENT LEFT in CASING 0'  
 DISPLACEMENT 25.78bl DISPLACEMENT PSI 700 MIX PSI 1200 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break circulation w/ 308bl water. Wash down 10' w/ 358bl water. Pump 4sk Gel-Flush, 58bl water spacers, 108bl Soap water, 148bl Dye water, mixed 160sk Thick Set Cement w/ 8" Kol-Seal @ 13.2# w/pol. Wash out pump + liner Release Plug. Displace w/ 25.7 Bbl. Final Pump Pressure 700 PSI. Bump Plug to 1200 PSI. wait 5 min. Release Pressure. Float Held. Good Cement to surface = 78bl Slurry to Pit.

Job Complete.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	36	MILEAGE	800.00	800.00
			3.15	113.40
1126A	160sk	Thick Set Cement	14.65	2344.00
1110A	1280#	Kol-Seal - 8" Pol	.36#	460.80
1118A	200#	Gel-Flush	.14#	28.00
1105	50#	Hulls	.34#	17.00
5407		Ten-Mileage Bulk Truck	m/c	275.00
5501C	4hrs	Water Transport	98.00	392.00
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
1238	1gal	Soap	33.75	33.75
1205	2gal	Bi-cide	25.35	50.70
		Thank You!		
		Sub Total		4554.65
		5.3% SALES TAX		153.15
		ESTIMATED TOTAL		4707.80

AUTHORIZATION [Signature]

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