

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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>2-13-06</u>	<u>2-14-06</u>	<u>3-2-06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26293-00-00  
County: Wilson  
   NW    SE    NE Sec. 23 Twp. 30 S. R. 15  East  West  
3305' FSL \_\_\_\_\_ feet from (S) N (circle one) Line of Section  
700' 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: Arnold et al Well #: B4-23  
Field Name: Cherokee Basin Coal Gas Area

Producing Formation: Penn Coals  
Elevation: Ground: 828' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1255' Plug Back Total Depth: 1245'  
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 1253  
feet depth to 7 w/ 130 sx cmt.  
Alt 2 - Dig - 11-7-08

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content NA ppm Fluid volume 200 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: Orr A1-28 SWD License No.: 33074  
Quarter: NW Sec. 28 Twp. 30 S. R. 15  East  West  
County: Wilson Docket No.: D-28282

**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: 6/14/06  
Subscribed and sworn to before me this 14th day of June  
2006  
Notary Public: [Signature]  
Date Commission Expires: \_\_\_\_\_

KAREN L. WELTON  
Notary Public - Michigan  
Ingham County  
My Commission Expires Mar 3, 2007  
Acting in the County of Ingham

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

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Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Arnold et al Well #: B4-23  
 Sec. 23 Twp. 30 S. R. 15 ✓ 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 ✓ No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes ✓ No  Cores Taken Yes ✓ No Electric Log Run ✓ Yes No <i>(Submit Copy)</i>  List All E. Logs Run:  High Resolution Compensated Density Neutron & Dual Induction	Log Formation (Top), Depth and Datum ✓ 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"	24#	43'	Class A	12	
Prod	6 3/4"	4 1/2"	9.5#	1250'	Thick Set	130	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)		
4	1117.5' - 1119'		300 gal 15% HCl, 2310# sd, 230 BBL fl		
4	952.5' - 953.5'		300 gal 15% HCl, 1680# sd, 215 BBL fl		
4	837' - 838.5'		300 gal 15% HCl, 2315# sd, 225 BBL fl		
4	780' - 781'		300 gal 15% HCl, 1680# sd, 285 BBL fl		
4	733' - 735.5' / 717' - 719'		600 gal 15% HCl, 9005# sd, 25 bio-balls, 690 BBL fl		

TUBING RECORD	Size <b>2 3/8"</b>	Set At <b>1231'</b>	Packer At <b>NA</b>	Liner Run Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
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Date of First, Resumed Production, SWD or Enhr. <b>3-9-06</b>	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. <b>NA</b>	Gas Mcf <b>0</b>	Water Bbls. <b>58</b>	Gas-Oil Ratio <b>NA</b>	Gravity <b>NA</b>
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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**

Rig Number: <b>1</b>	<b>S. 23</b>	<b>T. 30</b>	<b>R. 15 E</b>
API No. <b>15- 205-26293</b>	County: <b>WL</b>		
Elev. <b>828</b>	Location:		

<b>Gas Tests:</b>      
<b>Comments:</b> Start injecting @

Operator: <b>Dart Cherokee Basin</b>
Address: <b>211 W Myrtle Independence, KS 67301</b>
Well No: <b>B4-23</b> Lease Name: <b>Arnold et al</b>
Footage Location: <b>3305 ft. from the North Line</b>
<b>700 ft. from the West Line</b>
Drilling Contractor: <b>McPherson Drilling LLC</b>
Spud date: <b>2/13/2006</b> Geologist:
Date Completed: <b>2/15/2006</b> Total Depth: <b>1255</b>

<b>Casing Record</b>			<b>Rig Time:</b>
	<b>Surface</b>	<b>Production</b>	Driller - Andy Coats
Size Hole:	11"	6 3/4"	
Size Casing:	8 5/8"	McPherson	
Weight:	20#		
Setting Depth:	43'		
Type Cement:	Portland	McPherson	
Sacks:	12		

<b>Well Log</b>									
<b>Formation</b>	<b>Top</b>	<b>Btm.</b>	<b>Formation</b>	<b>Top</b>	<b>Btm.</b>	<b>Formation</b>	<b>Top</b>	<b>Btm.</b>	
soil	0	6	shale	839	940				
sand	6	73	coal	940	941				
shale	73	207	shale	941	972				
lime	207	262	coal	972	974				
shale	262	327	shale	974	985				
lime	327	351	lime	985	1037				
shale	351	147	sand	1037	1052				
lime	147	462	sand shale	1052	1017				
sand shale	462	552	coal	1017	1119				
sand	552	569	shale	1119	1124				
sand shale	569	626	lime	1124	1255 TD				
coal	626	628							
pink lime	628	647							
shale	647	693							
oswego	693	719							
summt	719	724							
oswego	724	728							
mulky	728	736							
oswego	736	741							
shale	741	778							
coal	778	780							
shale	780	837							
coal	837	839							

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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 08340  
 LOCATION EUREKA  
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-15-06	2368	ARNOLD ETAL B4-23	23	305	15E	WILSON

TRUCK #	DRIVER	TRUCK #	DRIVER
445	RICK L.		
439	JUSTIN		
436	JOHN		
452 T63	JIM		

CUSTOMER: **DART Cherokee BASIN**  
 MAILING ADDRESS: **211 W. MYRTLE**  
 CITY: **Independence** STATE: **Ks** ZIP CODE: **67301**  
 JOB TYPE: **Longstring** HOLE SIZE: **6 3/4** HOLE DEPTH: **1255'** CASING SIZE & WEIGHT: **4 1/2 9.5# new**  
 CASING DEPTH: **1253'** DRILL PIPE: \_\_\_\_\_ TUBING: \_\_\_\_\_ OTHER: \_\_\_\_\_  
 SLURRY WEIGHT: **13.2#** SLURRY VOL: **40 BBL** WATER gal/sk: **8.0** CEMENT LEFT IN CASING: **0'**  
 DISPLACEMENT: **20.3 BBL** DISPLACEMENT PSI: **600** ~~PSI~~ PSI: **1100 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 foamer, 10 BBL water spacer. Mixed 130 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/ 20.3 BBL fresh water. FINAL Pumping Pressure 600 PSI. Bump Plug to 1100 PSI. wait 5 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to Surface = 9 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	800.00	800.00
			3.15	113.40
1126 A	130 SKS	Thick Set Cement	13.65	1774.50
1110 A	21 SKS	KOL-SEAL 8" per/sk	17.75	372.75
1118 A	4 SKS	Gel Flush	7.00	28.00
1105	1 SK	HULLS	15.25	15.25
5407	Tons	Ton Mileage Bulk Truck	MIC	275.00
5501 C	3 HRS	WATER TRANSPORT	98.00	294.00
5502 C	3 HRS	80 BBL VAC TRUCK	90.00	270.00
1123	6000 GALS	City water	12.80 <sup>Per 1000</sup>	76.80
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
1238	1 GAL	Soap	33.75	33.75
1205	2 GALS	Bi-Cide	25.35	50.70
			Sub TOTAL	4144.15
			SALES TAX	145.36
			ESTIMATED TOTAL	4289.50

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Thank You 6.3%  
 203013

AUTHORIZATION *[Signature]*

TITLE \_\_\_\_\_

DATE \_\_\_\_\_