

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

Form ACO-1
September 1999
Form Must Be Typed

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: **KCC WICHITA**
 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. _____
9-14-05 9-16-05 9-22-05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-26146-00-00
County: Wilson
SE SW SW Sec. 31 Twp. 29 S. R. 15 East West
400' FSL feet from S / N (circle one) Line of Section
4400' 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: J&L Richardson Well #: D1-31
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Penn Coals
Elevation: Ground: 878' Kelly Bushing: _____
Total Depth: 1326' Plug Back Total Depth: 1303'
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 1323
feet depth to Alt 2 - Dig - 10-18-08 w/ 135 sx cmt.
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content NA ppm Fluid volume 120 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: Holder D3-36 SWD License No.: 33074
Quarter SE Sec. 36 Twp. 29 S. R. 14 East West
County: Wilson Docket No.: D-28437

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: Admin Engr Asst Date: 2-13-06

Subscribed and sworn to before me this 13th day of February

Notary Public: Cheryl L. Quinn
Date Commission Expires: _____
CHERYL L. QUINN
Notary Public - Michigan
Ingham County
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

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: J&L Richardson Well #: D1-31
 Sec. 31 Twp. 29 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 <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 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: 24px; font-weight: bold;"> RECEIVED FEB 16 2006 KCC WICHITA </div> <div style="text-align: right; font-size: 36px; font-weight: bold; margin-top: 20px;"> 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#	43'	Class A	8	
Prod	6 3/4"	4 1/2"	10.5#	1323'	Thick Set	135	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		1106'-1107'	300 gal 15% HCl, 1720# sd, 205 BBL fl	Depth
4		1034'-1037'	300 gal 15% HCl, 3070# sd, 420 BBL fl	
4		974.5'-976.5'	300 gal 15% HCl, 3035# sd, 265 BBL fl	
4		861.5'-863.5'	300 gal 15% HCl, 4010# sd, 310 BBL fl	
4		760.5'-762'	300 gal 15% HCl, 2110# sd, 340 BBL fl	

TUBING RECORD	Size 2 3/8"	Set At 1262'	Packer At NA	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Date of First, Resumed Production, SWD or Enhr. 11-1-05	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 7	Water Bbls. 29	Gas-Oil Ratio NA
				Gravity 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

Rig Number: 1	S. 31 T. 29 R. 15E
API No. 15- 205-26146 <i>100-00</i>	County: Wilson
Elev. 878'	Location:

Operator: Dart Cherokee Basin Operating Co. LLC	Lease Name: J & L Richardson
Address: 3541 CR 5400 Independence, KS 67301	
Well No: D1-31	
Footage Location: 400 ft. from the South Line 4400 ft. from the East Line	
Drilling Contractor: McPherson Drilling LLC	
Spud date: 9/14/2005	Geologist:
Date Completed: 9/16/2005	Total Depth: 1326

Gas Tests:
ORIGINAL
Comments:

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

Well Log									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
soil	0	3	shale	937	974				
lime	3	77	coal	974	977				
shale	77	215	sand shale	977	1017				
sand	215	269	coal	1017	1019				
sand shale	269	338	shale	1019	1035				
lime	338	421	coal	1035	1037				
sand shale	421	452	shale	1037	1051				
lime	452	482	coal	1051	1053				
shale	482	497	shale	1053	1108				
lime	497	548	coal	1108	1110				
shale	548	622	shale	1110	1148				
sand	622	645	coal	1148	1150				
lime	645	756	shale	1150	1168				
pink lime	756	780	Mississippi	1168	13236 TD				
shale	780	817							
oswego	817	841							
summit	841	849							
oswego	849	858							
mulky	858	864							
oswego	864	872							
shale	872	915							
coal	915	917							
shale	917	935							
coal	935	937							

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KCC WICHITA

CONSOLIDATED OIL WELL SERVICES, INC.
 11 W. 14TH STREET, CHANUTE, KS 66720
 20-431-9210 OR 800-467-8676

TICKET NUMBER 5361

LOCATION EUREKA
 FOREMAN Kevin McCoy

15-205-26146-00-00
TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL-NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-16-05	2368	J&L Richardson DI-31	31	295	15E	Wilson
CUSTOMER		DART Cheeokee BASIN		TRUCK #		DRIVER
BILLING ADDRESS		3541 Co. Rd. 5400		445		RICK
CITY		Independence		439		Justin
STATE		KS		434		JIM
ZIP CODE		67301		452 T63		LARRY
HOLE SIZE		6 3/4		HOLE DEPTH		1326'
DRILL PIPE		SLURRY VOL		WATER gal/sk		8.0
TUBING		42 BBL		CEMENT LEFT in CASING		0'
CASING SIZE & WEIGHT		4 1/2 10.5 # new		OTHER		
DISPLACEMENT PSI		700		PSI 1200 Bump Plug		RATE

MARKS: 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 135 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/ 21 BBL fresh water. Final Pumping Pressure 700 PSI. Bump Plug to 1200 PSI. wait 2 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to surface = 8 BBL slurry. Job Complete. Rig down.

ORIGINAL

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	36	MILEAGE 1st well of 2	765.00	765.00
			3.00	108.00
126 A	135 SKS	Thick Set Cement	13.00	1755.00
110 A	21 SKS	KOL-SEAL 8" per/sk	16.90	354.90
118 A	4 SKS	Gel Flush	6.63	26.52
105	1 SK	Hulls	14.50	14.50
407	2.42 TONS	Ton Mileage BULK TRUCK	M/C	260.00
404	1	4 1/2 Top Rubber Plug	38.00	38.00
238	1 GAL	Soap	32.15	32.15
205	2 GAL	Bi-Cide	24.15	48.30
501 c	3 HRS	water Transport	93.00	279.00
502 c	3 HRS	80 BBL VAC TRUCK	87.00	261.00
123	6500 GALS	City water	12.20 ^{Per 1000}	79.30
Sub Total				4,021.67
SALES TAX				142.90
ESTIMATED TOTAL				4164.57

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 KCC WICHITA

Thank you 6.3%

ORIZATION [Signature] TITLE 199704

DATE