

**CONFIDENTIAL**  
10/10/08

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

10/10/10

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 DRILLING  
License: 5675

Wellsite Geologist: Bill Barks

Designate Type of Completion:

☐ 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: Dart Cherokee Basin Operating Co., LLC

Well Name: D Nelsen D2-34

Original Comp. Date: 6-29-07 Original Total Depth: 1510'

☐ 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.

9-17-08	5-16-07	9-22-08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-27177-00001

County: Wilson

SE SE SW Sec. 34 Twp. 30 S. R. 14 ☒ East ☐ West

450' FSL \_\_\_\_\_ feet from S / N (circle one) Line of Section

3150' 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 Nelsen Well #: D2-34

Field Name: Cherokee Basin Coal Gas Area

Producing Formation: Penn Coals

Elevation: Ground: 917' Kelly Bushing: \_\_\_\_\_

Total Depth: 1510' Plug Back Total Depth: 1503'

Amount of Surface Pipe Set and Cemented at 44 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**

(Data must be collected from the Reservoir)

Chloride content NA ppm Fluid volume 310 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: Porter et al D1-9 SWD License No.: 33074

Quarter SW Sec. 9 Twp. 30 S. R. 15 ☒ East ☐ West

County: Wilson Docket No.: D-28773

**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: 10-10-08

Subscribed and sworn to before me this 10 day of October

2008

Notary Public: Brandy R. Allcock

Date Commission Expires: 3-5-2011

Acting in Lenham

BRANDY R. ALLCOCK  
Notary Public - Michigan  
Jackson County  
My Commission Expires  
March 05, 2011

**KCC Office Use ONLY**

Y Letter of Confidentiality Attached

If Denied, Yes ☐ Date: \_\_\_\_\_

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

RECEIVED

KANSAS CORPORATION COMMISSION

OCT 14 2008

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: D Nelsen Well #: D2-34  
 Sec. 34 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 ☐ 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

RECEIVED  
 KANSAS CORPORATION COMMISSION

OCT 14 2008

CASING RECORD New Used								CONSERVATION DIVISION WICHITA, KS	
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#	44'	Class A	8			
Prod	6 3/4"	4 1/2"	9.5#	1504'	Thick Set	160			
CONFIDENTIAL									

ADDITIONAL CEMENTING / SQUEEZE RECORD					OCT 10 2008	
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	1484' - 1489'	100 gal 15% HCl, 5 BBL fl			
6 existing	1159.5' - 1161'	100 gal 15% HCl, 3060# sd, 130 BBL fl			
6 existing	1098.5' - 1100.5'	100 gal 15% HCl, 3530# sd, 125 BBL fl			
6 existing	1056' - 1057.5'	225 gal 15% HCl, 710# sd, 200 BBL fl			
6 existing	987.5' - 990' / 971' - 973'	100 gal 15% HCl, 10015# sd, 16 ball sealers, 325 BBL fl			
TUBING RECORD		Size 2 3/8"	Set At 1500'	Packer At 1431'	Liner Run Yes      ✓ No
Date of First, Resumed Production, SWD or Enhr. 9-24-08			Producing Method Flowing      ✓ Pumping      Gas Lift      Other (Explain)		
Estimated Production Per 24 Hours	Oil      Bbls. NA	Gas      Mcf 7	Water      Bbls. 92	Gas-Oil Ratio NA	Gravity NA

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease  
 (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_