

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

12/10/08

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 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: Dougherty D2-4
Original Comp. Date: 6-25-04 Original Total Depth: 1486'
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back CIBP @ 1160' Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
11-20-08 6-17-04 11-21-08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-30548-00-00
County: Montgomery
SE SE SW Sec. 4 Twp. 31 S. R. 15 East West
330' FSL feet from S / N (circle one) Line of Section
3100' 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: Dougherty Well #: D2-4
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: Penn Coals
Elevation: Ground: 957' Kelly Bushing: _____
Total Depth: 1486' Plug Back Total Depth: 1480'
Amount of Surface Pipe Set and Cemented at 22 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 Pl: W/O NJ 7-29-09
(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: 12-10-08
Subscribed and sworn to before me this 10th day of December
2008
Notary Public: Amanda L. Eifert
Livingston County, Michigan
Date Commission Expires: 10/7/2012
Acting in Ingham Co, MI

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received KANSAS CORPORATION COMMISSION
 UIC Distribution
RECEIVED
DEC 12 2008

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Dougherty Well #: D2-4
 Sec. 4 Twp. 31 S. R. 15 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy) List All E. Logs Run:	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Log Name</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></td> <td style="text-align: center;">Top Datum</td> <td></td> </tr> </table> <div style="text-align: center; margin-top: 20px;"> <p>RECEIVED KANSAS CORPORATION COMMISSION</p> <p>DEC 12 2008</p> <p>CONSERVATION DIVISION WICHITA, KS</p> </div>	Log Name	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample		Top Datum	
Log Name	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample					
	Top Datum						

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"		22'	Class A	5	
Prod	6 3/4"	4 1/2"	10.5#	1480'	50/50 Poz	200	

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 existing	1164'-1165', CIBP set @ 1160'	300 gal 10% HCl, 1640# sd, 230 BBL fl	
4 existing	1136'-1140'	500 gal 10% HCl, 10 ballsealers, 5450# sd, 395 BBL fl	
4 existing	1069'-1071'	300 gal 10% HCl, 1775# sd, 230 BBL fl	
4 existing	1026.5'-1028.5'	300 gal 10% HCl, 2770# sd, 245 BBL fl	
4 existing	970'-973'	300 gal 10% HCl, 5500# sd, 565 BBL fl	

TUBING RECORD	Size 2 3/8"	Set At 1150'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 11-21-08	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf 12	Water Bbls. 62	Gas-Oil Ratio NA	Gravity NA
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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) _____