

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 ☐ 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. D-28,438

<u>10-23-04</u>	<u>10-27-04</u>	<u>11-1-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-25874-00-00

County: Wilson

SW SE NE Sec. 12 Twp. 30 S. R. 14 ☒ East ☐ West

2760' FSL _____ feet from S / N (circle one) Line of Section

1036' 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: Frey Well #: B4-12 SWD

Field Name: Cherokee Basin Coal Gas Area

Producing Formation: Penn Coals

Elevation: Ground: 952' Kelly Bushing: _____

Total Depth: 1577' Plug Back Total Depth: 1434'

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 _____

feet depth to _____ w/ _____ sx cmt.

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: Beth Oswald

Title: Admn & Engr Asst Date: 12-8-04

Subscribed and sworn to before me this 8th day of December

Notary Public: Karen L. Welton

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

☐ 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: Frey Well #: B4-12 SWD
 Sec. 12 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 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	8	
Prod	6 3/4"	4 1/2"	15.5#	1434'	50/50 Poz	270	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
	open hole 1434' - 1577'	500 gal 20% Fe ac, 1500 gal 15% Fe ac, 300 BBL fl	
TUBING RECORD		Liner Run	
Size 2 7/8"	Set At 1404'	Packer At NA	Yes ☐ No ☒
Date of First, Resumed Production, SWD or Enhr. NA		Producing Method	
		Flowing ☐ Pumping ☒ Gas Lift ☐ Other (Explain) ☐	
Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf NA	Water Bbls. NA
			Gas-Oil Ratio NA
			Gravity NA

Disposition of Gas ☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____

(If vented, Submit ACO-18.)

METHOD OF COMPLETION Production Interval

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McPherson Drilling LLC Drillers Log

Rig Number: 3	S. 12	T. 30	R. 14 E
API No. 15- 205-25874	County: Wilson		
Elev.	Location:		

Operator:	Dart Cherokee Basin Operating Co. LLC			
Address:	3541 CR 5400 Independence, KS 67301			
Well No:	B4-12 SWD	Lease Name:	Frey	
Footage Location:	2760	ft. from the	South	Line
	1036	ft. from the	East	Line
Drilling Contractor:	McPherson Drilling LLC			
Spud date:	10/22/2004	Geologist:		
Date Completed:	10/27/2004	Total Depth:	1555'	

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	7 7/8"	
Size Casing:	8 5/8"	McPherson	
Weight:	23#		
Setting Depth:	43'		
Type Cement:	Portland	McPherson	
Sacks:	8		1 Day Booster

Gas Tests:	
Comments:	
inject @	340'

Well Log										
Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
soil	0	3		Mulky	919	923				
lime	3	40		lime	923	930				
shale	40	60		shale	930	973				
lime	60	70		coal	973	975				
sandy shale	70	75		shale	975	993				
lime	75	90		coal	993	994				
shale	90	260		shale	994	1035				
sand	260	315		coal	1035	1037				
shale	315	338		shale	1037	1103				
lime	338	340		coal	1103	1108				
shale	340	343		shale	1108	1196				
lime wet	343	460		Miss lime	1196	1420				
shale	460	515		green shale	1420	1440				
lime	515	535		lime Arb.	1440	1555		water @ 1470'		
shale	535	740						water @ 1506'		
sand	740	770						water @ 1523'		
sandy shale	770	809								
lime pink	809	814								
shale/coal	814	820								
lime	820	840								
shale	840	879								
Osw lime	879	901								
Summit	901	910								
lime	910	919								

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