

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

COPY

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. _____

3-17-04 3-19-04 3-23-04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-25747-00-00
County: Wilson
SE NW SE SW Sec. 35 Twp. 30 S. R. 15 ☒ East ☐ West
890' FSL feet from (S) N (circle one) Line of Section
3500' 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: A Small Well #: D2-35

Field Name: Cherokee Basin Coal Gas Area

Producing Formation: Penn Coals

Elevation: Ground: 991' Kelly Bushing: _____

Total Depth: 1400' Plug Back Total Depth: 1394'

Amount of Surface Pipe Set and Cemented at 20 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 NA ppm Fluid volume 80 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: Beth Oswald

Title: Admn & Engr Asst Date: 4-22-04

Subscribed and sworn to before me this 22nd day of April

20 04

Notary Public: Karen L. Welton

Date Commission Expires: Notary Public, Ingham County, MI
My Comm. Expires Mar. 3, 2007

KCC Office Use ONLY

☐ Letter of Confidentiality Attached

If Denied, Yes ☐ Date: _____

☒ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

COPY

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: A Small Well #: D2-35
 Sec. 35 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 ☐ 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"	6 3/4"		20'	Class A	5	
Prod	6 3/4"	4 1/2"	9.5#	1394'	50/50 Poz	190	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
4	1133'-1134', 1128.5'-1129.5'	300 gal 10% HCl, 3060# sd, 295 BBL fl	
4	1049'-1050.5'	300 gal 10% HCl, 1670# sd, 210 BBL fl	
4	990'-991'	300 gal 10% HCl, 1665# sd, 225 BBL fl	
4	954'-957'	300 gal 10% HCl, 6110# sd, 430 BBL fl	

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	☒ No
		2 3/8"	1351'	NA			
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
4-8-04			Flowing	☒ Pumping	Gas Lift	Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	NA	0	37	NA	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) _____

Drillers Log

Rig Number: 1	S. 35	T. 30	R. 15
API No. 15- 205-25747	County: WL		
Elev. 991'	Location:		

Operator:	Dart Cherokee Basin Operating Co. LLC			
Address:	3541 CR 5400			
	Independence, KS 67301			
Well No:	D2-35	Lease Name:	A. Small	
Footage Location:		890 ft. from the	South	Line
		3500 ft. from the	East	Line
Drilling Contractor:	McPherson Drilling LLC			
Spud date:	3/17/2004	Geologist:		
Date Completed:	3/19/2004	Total Depth:	1400'	

Casing Record			Rig Time:
	Surface	Production	
Size Hole:	11"	6 3/4"	
Size Casing:	8 5/8"		
Weight:	23#		
Setting Depth:	20'	McPherson	
Type Cement:	Portland		
Sacks:	4	McPherson	

Gas Tests:	COPY
Comments:	
Start injecting water @ 544'	

Well Log										
Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
lime	0	13		black shale	854	860		Mississippian	1340	1400
shale	13	44		sand shale	860	906				
lime	44	130		1st Oswego	906	931				
shale	130	248		Summit	931	939				
lime	248	260		2nd Oswego	939	955				
wet) sand	260	278	no sho	Mulky	955	962				
shale	278	341		3rd Oswego	962	967				
wet) lime	341	344		sand shale	967	987				
shale	344	357		coal	987	988				
and shale	357	436		shale	988	1019				
black shale	436	442		coal	1019	1021				
and shale	442	512	no sho	sand shale	1021	1055				
wet) lime	512	540		coal	1055	1058				
shale	540	603		shale	1058	1064				
lime	603	610		coal	1064	1066				
and shale	610	642		shale	1066	1098				
lime	642	653		coal	1098	1099				
shale	653	681		shale	1099	1132				
lime	681	698		coal	1132	1135				
and shale	698	739		shale	1135	1174				
and	739	749	no sho	coal	1174	1177				
and shale	749	822		sand shale	1177	1187				
shale	822	823		oil sand	1187	1238				
pink lime	823	854		sand shale	1238	1340				

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