

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

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. _____

5-22-03	5-24-03	6-13-03
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-30259-00-00

County: Montgomery

NE SE Sec. 17 Twp. 31 S. R. 15 ☒ East ☐ West

1980' FSL _____ feet from S / N (circle one) Line of Section

1311' 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: Pierce Well #: C4-17

Field Name: Neodesha

Producing Formation: Penn Coals

Elevation: Ground: 777' Kelly Bushing: _____

Total Depth: 1186' Plug Back Total Depth: 1180'

Amount of Surface Pipe Set and Cemented at 23 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 320 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: SSR D2-20 SWD License No.: 33074

Quarter SW Sec. 20 Twp. 31 S. R. 15 ☒ East ☐ West

County: Montgomery Docket No.: D-28214

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: 2-27-04

Subscribed and sworn to before me this 27th day of February

2004

Notary Public: Karen L. Welton

Date Commission Expires: _____

Karen L. Welton
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: Pierce Well #: C4-17
 Sec. 17 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 ☐ 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	Log Formation (Top), Depth and Datum ☒ Sample Name Top Datum See Attached RECEIVED MAR 01 2004 KCC WICHITA
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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"		23'	Class A	4	
Prod	6 3/4"	4 1/2"	10.5	1180'	50/50 Poz	140	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
6	1026'-1028', CIBP set @ 1010'	300 gal 12% HCl, 3150# sd, 275 BBL fl	
6	800.5'-801.5'	300 gal 12% HCl, 1560# sd, 200 BBL fl	
6	720'-721'	300 gal 12% HCl, 1585# sd, 205 BBL fl	
6	661'-662'	300 gal 12% HCl, 1535# sd, 205 BBL fl	
6	635'-639'	300 gal 12% HCl, 6365# sd, 340 BBL fl	
TUBING RECORD		Liner Run	
Size	Set At	Packer At	Yes ☒ No
2 3/8"	995'	NA	
Date of First, Resumed Production, SWD or Enhr.		Producing Method	
11-26-03		Flowing ☐ Pumping ☒ Gas Lift ☐ Other (Explain) ☐	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.
	NA	0	93
Gas-Oil Ratio		Gravity	
NA		NA	

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

(If vented, Sumit ACO-18.)

METHOD OF COMPLETION Production Interval

COPY

Rig Number: 3	S. 17 T. 31 S R. 16 E
API No. 15- 125-30259-0000	County: Montgomery
Elev. 777'	Location: NE SE

Operator: Dart Cherokee Basin Operating Co. LLC	
Address: P.O. Box 177 Mason, MI 48854-0177	
Well No: C4-17	Lease Name: Pierce
Footage Location:	1980 ft. from the South Line 1311 ft. from the East Line
Drilling Contractor: McPherson Drilling LLC	
Spud date: 5/22/03	Geologist: Bill Barks
Date Completed: 5/23/03	Total Depth: 1186'

Gas Tests:

RECEIVED
MAR 01 2004
KCC WICHITA

Casing Record			Rig Time:	
	Surface	Production	1 1/2 hrs	Gas tests
Size Hole:	11"	6 3/4"		
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	23'	McPherson		
Type Cement:	Portland			
Sacks:	5	McPherson		

Remarks:

start injecting water @ 940'

a lot of water @ 950'
too much to get a good gas test

Well Log

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	12	shale	494	498			
gravel	12	13	pink lime	498	517			
lime	13	15	shale	517	582			
shale	15	27	1st Oswego	582	610			
lime	27	38	Summit	610	619			
shale	38	61	2nd Oswego	619	633			
lime	61	123	Mulky	633	640			
sand	123	152	3rd Oswego	640	647			
coal	152	153	shale	647	661			
sand/shale	153	180	coal	661	662			
shale	180	193	shale	662	721			
lime	193	208	coal	721	723			
shale	208	246	shale	723	800			
lime	246	263	coal	800	803			
shale	263	320	shale	803	893			
lime	320	336	oil sand	893	914			
shale	336	354	sand/shale	914	923			
lime	354	366 odor	sand	923	979 wet			
shale	366	416	coal	979	981			
oil sand	416	426	sand/shale	981	1028			
sand/shale	426	454	coal	1028	1031			
shale	454	493	shale	1031	1042			
coal	493	494	Mississippi	1042	1186 TD			