

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

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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. _____

10-27-03 10-29-03 11-7-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-25660-00-00

County: Wilson

NW NW NW Sec. 31 Twp. 30 S. R. 15 ☒ East ☐ West

4626' FSL feet from S / N (circle one) Line of Section

4622' 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: Sycamore Springs Ranch Well #: A1-31

Field Name: Cherokee Basin Coal Gas Area

Producing Formation: Penn Coals

Elevation: Ground: 933' Kelly Bushing: _____

Total Depth: 1454' Plug Back Total Depth: 1450'

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 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.: _____

ALL 26.14.04

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: 3-18-04

Subscribed and sworn to before me this 18th day of March

2004

Notary Public: Karen L. Welton

Notary Public, Ingham County, MI
Date Commission Expires: 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: Sycamore Springs Ranch Well #: A1-31
 Sec. 31 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"	8 5/8"		22'	Class A	4	
Prod	6 3/4"	4 1/2"	10.5#	1450'	50/50 Poz	180	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
	See Attached		

TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes	No
	2 3/8"	1403'	NA		<input checked="" type="checkbox"/>	
Date of First, Resumed Production, SWD or Enhr.	Producing Method					
12-22-03	Flowing <input checked="" type="checkbox"/> Pumping Gas Lift Other (Explain)					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	NA	17	103	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) _____

COPY

Dart Cherokee Basin Operating Co LLC #33074
Sycamore Spring Ranch A1-31 API #15-205-25660-00-00
NW NW NW Sec 31 T30S-R15E
Attachment to ACO-1 Well Completion Form

Shots Per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
6	1351'-1352'	300 gal 12% HCl, 30 BBL fl	
6	1312.5'-1313.5'	300 gal 12% HCl, 1615# sd, 205 BBL fl	
6	1160'-1161'	300 gal 12% HCl, 1630# sd, 245 BBL fl	
6	1114.5'-1115.5'	500 gal 10% HCl, 12 bioballs, 3335# sd, 415 BBL fl	
6	1062'-1063'	300 gal 10% HCl, 1630# sd, 235 BBL fl	
6	1041'-1043'	300 gal 10% HCl, 3045# sd, 335 BBL fl	
6	993'-996'	500 gal 10% HCl, 15 bioballs, 6555# sd, 610 BBL fl	
6	874'-875'	300 gal 12% HCl, 1640# sd, 235 BBL fl	

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McPherson Drilling LLC Drillers Log

Rig Number: 3	S. 31 T. 30 R. 15 E
API No. 15- 205-25660	County: WL
Elev. 933'	Location: NW NW

Operator:	Dart Cherokee Basin Operating Co. LLC		
Address:	3541 CR 5400 Independence, KS. 67301		
Well No: A1-31	Lease Name:	Sycamore Springs Ranch	
Footage Location:	4626 ft. from the	South	Line
	4622 ft. from the	East	Line
Drilling Contractor:	McPherson Drilling LLC		
Spud date:	10/27/2003	Geologist:	
Date Completed:	10/29/2003	Total Depth:	1454'

Gas Tests:

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Casing Record			Rig Time:	
	Surface	Production	2 hrs.	Gas tests
Size Hole:	11"	6 3/4"		
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	22'	McPherson		
Type Cement:	Portland			
Sacks:	4	McPherson	start injecting water @	320'

Well Log										
Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
top soil	0	3		sand/shale	672	760				
lime	3	48		sand	760	826	no sho			
shale	48	105		shale	826	871				
lime	105	139		coal	871	872				
shale	139	226		shale	872	874				
lime	226	231		pink lime	874	897				
shale	231	267		shale	897	947				
lime	267	279		1st oswego	947	974	oil			
sand	279	308	no sho	summit	974	978				
sand/lime	308	374		2nd oswego	978	989				
lime	374	381		mulky	989	1000				
shale	381	387		3rd oswego	1000	1006				
lime	387	393		shale	1006	1030				
shale	393	409		coal	1030	1032				
lime	409	485		shale	1032	1091				
shale	485	494		coal	1091	1093				
sand	494	502	no sho	shale	1093	1148				
lime	502	517		sand/shale	1148	1272				
shale	517	563		water sand	1272	1295				
lime	563	593		sand/shale	1295	1314				
shale	593	635		coal	1314	1316				
lime	635	651		shale	1316	1360				
shale	651	665		Mississippi	1360	1454	TD			
lime	665	672								