

ORIGINAL

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: Orr Well #: D2-28
 Sec. 28 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: High Resolution Compensated Density Neutron	Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum See Attached <div style="text-align: center;"> RECEIVED FEB 26 2004 KCC WICHITA </div>
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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"		21'	Class A	4	
Prod	6 3/4"	4 1/2"	10.5	1424'	50/50 Poz	170	

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
		2 3/8"	1393'	NA			
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
8-14-03			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	0	90	NA	NA		

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Sumit ACO-18.) Other (Specify) _____

ORIGINAL

Dart Cherokee Basin Operating Co LLC #33074
Orr D2-28 API #15-205-25600-00-00
NW SE SW Sec 28 T30S-R15E
Attachment to ACO-1 Well Completion Form

Shots Per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
6	1335.5'-1336.5'	300 gal 12% HCl, 1510# sd, 210 BBL fl	
6	1295'-1296'	300 gal 12% HCl, 1575# sd, 210 BBL fl	
6	1176.5'-1177.5'	300 gal 12% HCl, 1580# sd, 215 BBL fl	
6	1094.5'-1095.5'	300 gal 12% HCl, 1560# sd, 210 BBL fl	
6	987'-990.5'	300 gal 12% HCl, 6535# sd, 405 BBL fl	
6	870.5'-871.5'	300 gal 12% HCl, 1530# sd, 205 BBL fl	

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McPherson Drilling LLC Drillers Log

Rig Number: 3	S. 28	T. 30 S	R. 15 E
API No. 15- 205-25600-0000	County: Wilson		
Elev. 978'	Location: AP SE SW		

Operator: Dart Cherokee Basin Operating Co. LLC			
Address: P.O. Box 177 Mason, MI 48854-0177			
Well No: D2-28	Lease Name:		Orr
Footage Location:	661 ft. from the	South	Line
	3311 ft. from the	East	Line
Drilling Contractor: McPherson Drilling LLC			
Spud date: 5/1/03	Geologist:		Bill Barks
Date Completed: 5/2/03	Total Depth:		1446'

Gas Tests:

Casing Record			Rig Time:
	Surface	Production	2 hrs. gas tests
Size Hole:	11"	6 3/4"	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;"> <p>RECEIVED</p> <p>FEB 26 2004</p> <p>KCC WICHITA</p> </div>
Size Casing:	8 5/8"		
Weight:	20#		
Setting Depth:	21'	McPherson	
Type Cement:	Portland		
Sacks:	4 sacks	McPherson	

Remarks:
Start injecting water @ 320'

Well Log									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
top soil	0	3	shale	729	807	sand/shale	1183	1288	
lime	3	51	sand	807	865	no sho coal	1288	1289	
shale	51	70	coal	865	866	sand/shale	1289	1336	
lime	70	77	shale	866	871	Mississippi	1336	1446	TD
shale	77	90	pink lime	871	891				
lime	90	99	shale	891	938				
shale	99	125	1st Oswego	938	963				
lime	125	153	Summit	963	974				
shale	153	276	2nd Oswego	974	986				
sand	276	326	no sho Mulkey	986	992				
sand/shale	326	351	3rd Oswego	992	997				
shale	351	393	shale	997	1029				
lime	393	397	coal	1029	1031				
shale	397	401	shale	1031	1050				
lime	401	424	coal	1050	1051				
shale	424	433	sand/shale	1051	1089				
lime	433	443	coal	1089	1092				
shale	443	457	shale	1092	1101				
lime	457	487	oil sand	1101	1139				
shale	487	549	shale	1139	1148				
lime	549	580	sand	1148	1169	no sho			
shale	580	700	coal	1169	1171				
lime	700	729	sand	1171	1183	no sho			

