

Operator Name: Dart Cherokee Basin Operating Co., LLC Lease Name: L&D Allen Well #: D3-13
 Sec. 13 Twp. 33 S. R. 14 ✓ 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 <input type="checkbox"/> Yes ✓ No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> 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 <div style="text-align: center;"> KCC DEC 15 2006 CONFIDENTIAL </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"	.24#	45'	Class A	8	
Prod	6 3/4"	4 1/2"	9.5#	1586'	Thick Set	150	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	1365' - 1366.5'	300 gal 15% HCl, 2505# sd, 225 BBL fl	
4	1017.5' - 1021' / 992.5' - 993.5' / 971' - 974.5'	150 gal 15% HCl, 9030# sd, 54 ball-sealers, 505 BBL fl	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	1566'	NA	Yes ✓ No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
10-6-06		Flowing	✓ Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	NA	2	34	NA	NA

Disposition of Gas Vented ✓ Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

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Office Phone
918-626-4100

Thornton Drilling Company
P.O. BOX 811
POCOLA, OK 74902

Fax
918-626-4105

Operator:	Well No.:	Lease	Loc.	1/4	1/4	1/4	Sec.	Twp.	Rge.
DART CHEROKEE BASIN	D3-13	ALLEN					13	33S	14E
County:	State:	Type/Well	Depth:	Hours:	Date Started:	Date Completed:			
MONTGOMERY	KS		1591'		09-08-06	09-09-06			
Driller:	Driller:	Driller:	Casing Used:	Cement Used:					
CHRIS MAYHALL	MIKE WEIR		OPERATOR	TDC					
From	To	Formation	From	To	Formation	From	To	Formation	Rig No.

From	To	Formation	From	To	Formation	From	To	Formation	Rig No.
0	12	SOIL - 0-44' CASING	12	125	SHALE	125	287	SAND - WET	17
287	413	SANDY SHALE	413	423	LIME	423	585	SANDY SHALE & LIME	
585	600	LIME	600	650	SAND	650	669	SANDY SHALE	
669	685	LIME	685	690	SAND	690	695	LIME	
695	798	SAND	798	825	LIME - PINK	825	905	SANDY SHALE	
905	935	LIME - OSWEGO	935	941	SHALE	941	943	SHALE - BLACK, SUMMIT	
943	970	LIME	970	991	SHALE - BLACK, MULKY	991	992	COAL - IRONPOST	
992	1010	SANDY SHALE	1010	1011	COAL - CROWBURG	1011	1014	SANDY SHALE	
1014	1019	LIME	1019	1025	SANDY SHALE	1025	1062	SAND	
1062	1063	COAL - MINERAL	1063	1125	SANDY SHALE	1125	1127	COAL	
1127	1135	SAND	1135	1166	SHALE	1166	1174	SAND	
1174	1193	SHALE	1193	1194	COAL	1194	1311	SHALE	
1311	1313	COAL - ROWE	1313	1363	SHALE	1363	1365	COAL - RIVERTON	
1365	1376	SHALE	1376	1379	SAND	1379	1383	LIME - BLACK	
1383	1385	COAL	1385	1390	SHALE	1390	1441	CHAT - MISSISSIPPI	
1441	1591	LIME - MISSISSIPPI HARD LIME	1591	TD					

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