

Operator: Carroll Energy, LLC Well no. C-1 Lease: Myers S 22 T 32S R 18E
 API# 15-099-23164 330 FT. FROM EAST LINE 330FT. FROM SOUTH LINE
 County Labette State KS Well type Gas Depth 950'
 Driller James Lorenz Casing Used 20' of 8 5/8" Bit Record type 6 3/4" Size 6/4" from 20'-950'
 Set Surface 9-20-01 Cement Used 5 sks Portland Date Started 9-20-01 Date Comp. 9-21-01

FROM	TO	FORMATION	FROM	TO	FORMATION
0'-	15'	CLAY			
15'-	26'	SANDSTONE			
26'-	36'	BLACK SHALE			
36'-	46'	SANDY SHALE			
46'-	126'	GRAY SHALE			
126'-	136'	SHALE			
136'-	166'	SHALEY LIME			
166'-	186'	LIME			
186'-	291'	SHALE			
291'-	293'	LIME			
293'-	296'	BLACK SHALE			
296'-	323'	PINK LIME (296' Gas test less than .5 lb on 1/8" orifice)			
323'-	326'	SHALE			
326'-	327'	COAL			
327'-	342'	SHALE			
342'-	352'	SHALE-GRAY, SANDY			
352'-	386'	BLACK SHALE (Gas test the same)			
386'-	419'	LIME			
419'-	429'	BLACK SHALE			
429'-	444'	LIME			
444'-	445'	COAL			
445'-	454'	LIME			
454'-	519'	SHALE (Gas test 469' the same)			
519'-	521'	LIME			
521'-	610'	SHALE (Gas test 589' the same)			
610'-	634'	LAMINATED SAND WITH ODOR OF OIL			
634'-	647'	SAND WITH OIL			
647'-	649'	COAL			
649'-	665'	GRAY SHALE			
665'-	679'	BLACK SHALE			
679'-	685'	BROWN SAND			
685'-	696'	BROWN SUGAR SAND (Gas test 691' 3 lbs on 1/8" orifice)			
696'-	738'	OIL (Gas test 707' 4 lbs on 1/8" orifice)			
738'-	756'	SHALE			
756'-	758'	COAL			
758'-	801'	SHALE			
801'-	804'	SAND-WET			
804'-	821'	SHALE			
821'-	822'	COAL			
822'-	886'	SHALE			
886'-	888'	COAL			
888'-	890'	SHALE (Gas test 889' 8 lbs on 1/8" orifice)			
890'-	900'	MISSISSIPPI CHAT/GAS ODOR			
900'-	910'	FLINT WITH NO ODOR (Gas test 901' 8 lbs on 1/8" orifice)			
910'-	918'	CHERT & BROWN LIME WITH OIL ODOR			
918'-	950'	BROWN LIME (Gas test 921' 8 lbs on 1/8" orifice)			
TD.	950'				