

Jackman Oilfield Services  
 1 West Mulberry St.  
 Colony, KS 66015  
 620-852-3350

WELL LOG  
 Lakeshore Operating, LLC  
 Fuller LO-63

September 19, 2018

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>	
28.00	clay	28.00	
7.00	lime	35.00	
5.00	shale/clay	40.00	
12.00	shale	52.00	
3.00	hard lime	55.00	
182.00	shale	237.00	
80.00	lime	317.00	
7.00	sandy/lime	324.00	
201.00	lime	525.00	
5.00	coal	530.00	
42.00	shale	572.00	
75.00	lime	647.00	
8.00	coal	655.00	
21.00	lime	676.00	
2.00	coal	678.00	
26.00	sandy/lime	704.00	
149.00	shale	853.00	
2.00	coal	855.00	
35.00	sandy/lime	890.00	
10.00	lime	900.00	
22.00	sandy/lime	922.00	
18.00	lime	940.00	
20.00	sandy/shale	960.00	
32.00	lime	992.00	
2.00	coal	994.00	
37.00	lime	1,031.00	
3.00	coal	1,034.00	
1.00	lime/churt	1,035.00	
8.00	lime	1,043.00	
5.00	broken sand	1,048.00	good odor/good bleed
7.00	sand	1,055.00	very little oil
5.00	sandy/shale	1,060.00	

25.00	sandy/lime	1,085.00	
1.00	lime	1,086.00	
14.00	broken sand	1,100.00	good odor/good bleed
12.00	sand	1,112.00	nothing in it
8.00	sand/shale	1,120.00	
27.00	shale	1,147.00	TD

Drilled a 9 7/8" hole to 40'

Drilled a 5 7/8" hole to 1147'

Set 40' 7" of surface casing cemented with 11 sacks of portland cement

Ran 1140' of 2 7/8"

No cores

No seating nipple

Cemented 9/21/18

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