

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

WELL LOG
 Lakeshore Operating, LLC
 Fuller LO-70

July 13, 2018

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>	
40.00	clay w/lime	40.00	
170.00	shale w/clay	210.00	
10.00	lime	220.00	
10.00	sandy lime	230.00	
48.00	lime	278.00	
27.00	shale	305.00	
15.00	lime	320.00	
3.00	sandy/lime	323.00	
89.00	lime	412.00	
3.00	sand	415.00	
23.00	limy/shale	438.00	
6.00	shale	444.00	
16.00	sandy/lime	460.00	
50.00	lime/chalky	510.00	
3.00	coal	513.00	
7.00	shale	520.00	
3.00	shale/red clay	523.00	
23.00	shale	546.00	
9.00	lime	555.00	
25.00	shale/lime	580.00	
97.00	lime	677.00	
61.00	shale	738.00	
3.00	coal	741.00	
137.00	shale	878.00	
42.00	lime	920.00	
40.00	shale	960.00	
38.00	shale w/lime streaks	998.00	
10.00	lime/sand	1,008.00	
3.00	coal	1,011.00	
9.00	shale	1,020.00	
3.00	lime w/sand	1,023.00	
2.00	sand	1,025.00	good odor; fair bleed

2.00	very broken sand	1,027.00	light bleed
1.50	sandy shale	1,028.50	
88.50	shale	1,117.00	TD

Drilled a 9 7/8" hole to 40'

Drilled a 5 7/8" hole to 1117'

Set 40' of 7" surface casing cemented with 12 sacks of portland cement

Ran 1109' of 2 7/8"

No seating nipple

Cemented on 7/19/18

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