

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

WELL LOG  
Lakeshore Operating, LLC  
Fuller LO-74

September 15, 2018

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
24.00	clay/shale	24.00
4.00	lime	28.00
7.00	shale	35.00
5.00	lime	40.00
14.00	shale	54.00
4.00	lime	58.00
187.00	shale	245.00
13.00	lime	258.00
2.00	sand	260.00
45.00	lime	305.00
27.00	shale/sand	332.00
12.00	lime	344.00
4.00	sand	348.00
179.00	lime	527.00
3.00	coal	530.00
25.00	lime	555.00
5.00	red shale	560.00
17.00	shale	577.00
70.00	lime	647.00
3.00	coal	650.00
22.00	shaley/lime	672.00
6.00	lime	678.00
2.00	coal	680.00
15.00	lime	695.00
5.00	sand	700.00
8.00	lime	708.00
12.00	sandy/shale	720.00
170.00	shale	890.00
10.00	lime	900.00
4.00	coal	904.00
11.00	shale	915.00
2.00	lime	917.00

53.00	shale	970.00	
5.00	lime	975.00	
11.00	shale/sand	986.00	
4.00	lime	990.00	
33.00	shale	1,023.00	
4.00	lime	1,027.00	
3.00	coal	1,030.00	
7.00	sand/shale	1,037.00	
1.00	lime	1,038.00	
7.00	broken sand	1,045.00	good bleed;good odor
15.00	sandy/shale	1,060.00	
28.00	shale	1,088.00	
1.00	lime	1,089.00	
11.00	broken sand	1,100.00	good bleed;good odor
37.00	sandy/shale	1,137.00	TD No oil

Drilled a 9 7/8" hole to 40'

Drilled a 5 7/8" hole to 1137'

Set 40' 7" of surface casing cemented with 10 sacks of portland cement

Ran 1130' of 2 7/8"

No cores

No seating nipple

Cemented 9/19/18

Fuller LO-74