

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

WELL LOG
Lakeshore Operating, LLC
Fuller LO-66

July 7, 2018

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
18.00	shale/clay	18.00
6.00	lime	24.00
12.00	shale	36.00
9.00	lime	45.00
150.00	shale	195.00
2.00	lime	197.00
6.00	sandy lime	203.00
16.00	lime	219.00
3.00	sandy lime	222.00
54.00	lime	276.00
19.00	shale	295.00
105.00	lime	400.00
36.00	shale/lime	436.00
42.00	chalky lime	478.00
17.00	lime	495.00
9.00	coal	504.00
16.00	lime	520.00
2.00	brown lime/shale	522.00
21.00	shale/lime streaks	543.00
37.00	lime	580.00
5.00	shale	585.00
33.00	lime	618.00
2.00	shale	620.00
50.00	sandy lime w/chert	670.00
155.00	shale	825.00
5.00	sand	830.00
10.00	sandy/shale	840.00
25.00	shale	865.00
25.00	sandy/shale	890.00
30.00	sand	920.00
20.00	sandy/lime	940.00
17.00	lime	957.00

48.00	shale	1,005.00	
3.00	sandy/shale	1,008.00	
2.00	lime w/white sand	1,010.00	
2.00	broken sand	1,012.00	with odor
1.00	broken sand	1,013.00	good odor no free oil
1.00	broken sand	1,014.00	good bleed
4.00	shale	1,018.00	
4.00	broken sand	1,022.00	good bleed
25.00	shale	1,047.00	
1.00	lime	1,048.00	
5.00	shale/sandy shale	1,053.00	
10.00	oil sand	1,063.00	heavy bleed
2.00	broken sand	1,065.00	light bleed
10.00	sandy shale	1,075.00	
32.00	shale	1,107.00	TD

Drilled a 9 7/8" hole to 40'

Drilled a 5 7/8" hole to 1107'

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

Ran 1100' of 2 7/8"

2 cores

No seating nipple

Cemented on 7/6/18

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