

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

WELL LOG
Lakeshore Operating, LLC
McHone LO-15

October 19, 2016

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
4.00	Soil	4.00
6.00	Clay	10.00
8.00	Sandstone	18.00
3.00	Lime	21.00
15.00	Shale	36.00
6.00	Lime	42.00
134.00	Shale	176.00
26.00	Lime	202.00
46.00	Shale	248.00
151.00	Lime	399.00
69.00	Shale	468.00
20.00	Lime	488.00
26.00	Shale	514.00
80.00	Lime	594.00
12.00	Shale	606.00
52.00	Lime	658.00
170.00	Shale	828.00
11.00	Lime	839.00
6.00	Shale	845.00
37.00	Lime	882.00
47.00	Shale	929.00
5.00	Lime	934.00
50.00	Shale	984.00
4.00	Lime	988.00
6.00	Shale	994.00
4.00	Oil sand/Shale	998.00
8.00	Shale	1,006.00
4.00	Oil sand/shale	1,010.00
3.00	Oil sand/shale	1,013.00
2.00	Oil sand	1,015.00
2.00	Gray shale	1,017.00
4.00	Oil Sand	1,021.00
22.00	Oil sand	1,043.00

12.00	Oil sand	1,055.00	
5.00	Oil sand	1,060.00	
3.00	Shale	1,063.00	
1.00	Lime	1,064.00	
13.00	Shale	1,077.00	
4.00	Coal	1,081.00	
19.00	Shale	1,100.00	TD

Drilled a 9 7/8" hole to 39.5'
 Drilled a 5 7/8" hole to 1100'

Set 40' of 7" surface casing cemented with 10 sacks of portland cement
 Ran 1092' of 2 7/8"
 No seating nipple
 Cemented 10/25/16

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