

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

WELL LOG
Lakeshore Operating, LLC
McHone LO-14

October 6, 2016

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
3.00	Soil	3.00
2.00	Clay	5.00
13.00	Sandstone	18.00
3.00	Limestone	21.00
16.00	Shale	37.00
5.00	Lime	42.00
170.00	Shale	212.00
49.00	Lime	261.00
11.00	Shale	272.00
250.00	Lime	522.00
51.00	Shale	573.00
13.00	Lime	586.00
82.00	Shale	668.00
4.00	Lime	672.00
203.00	Shale	875.00
6.00	Lime	881.00
44.00	Shale	925.00
11.00	Lime	936.00
23.00	Shale	959.00
16.00	Lime	975.00
7.00	Shale	982.00
9.00	Lime	991.00
15.00	Shale	1,006.00
2.00	Lime	1,008.00
7.00	Shale	1,015.00
3.00	Lime	1,018.00
2.00	Oil Sand	1,020.00
4.00	Oil Sand	1,024.00
1.00	Oil Sand	1,025.00
23.00	Shale	1,048.00
2.00	Lime	1,050.00
10.00	Shale	1,060.00
10.00	Oil Sand	1,070.00

4.00		Broken oil sand	1,074.00	
4.00	-	Sandy shale	1,078.00	
29.00		Shale	1,107.00	TD

Drilled a 9 7/8" hole to 39.5'

Drilled a 5 7/8" hole to 1107'

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

Ran 1100' of 2 7/8"

No seating nipple

Cemented on 10/11/16

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