



# Company: L. D. Drilling, Inc Lease: Murphy #1-31

SEC: 31 TWN: 8S RNG: 31W  
County: THOMAS  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 3052 EGL  
Field Name: NA  
Pool: Infield  
Job Number: 140

**DATE**  
May  
**21**  
2018

**DST #1**      **Formation: Toronto**      **Test Interval: 4053 - 4080'**      **Total Depth: 4080'**  
Time On: 10:06 05/21      Time Off: 16:34 05/21  
Time On Bottom: 12:40 05/21      Time Off Bottom: 14:40 05/21

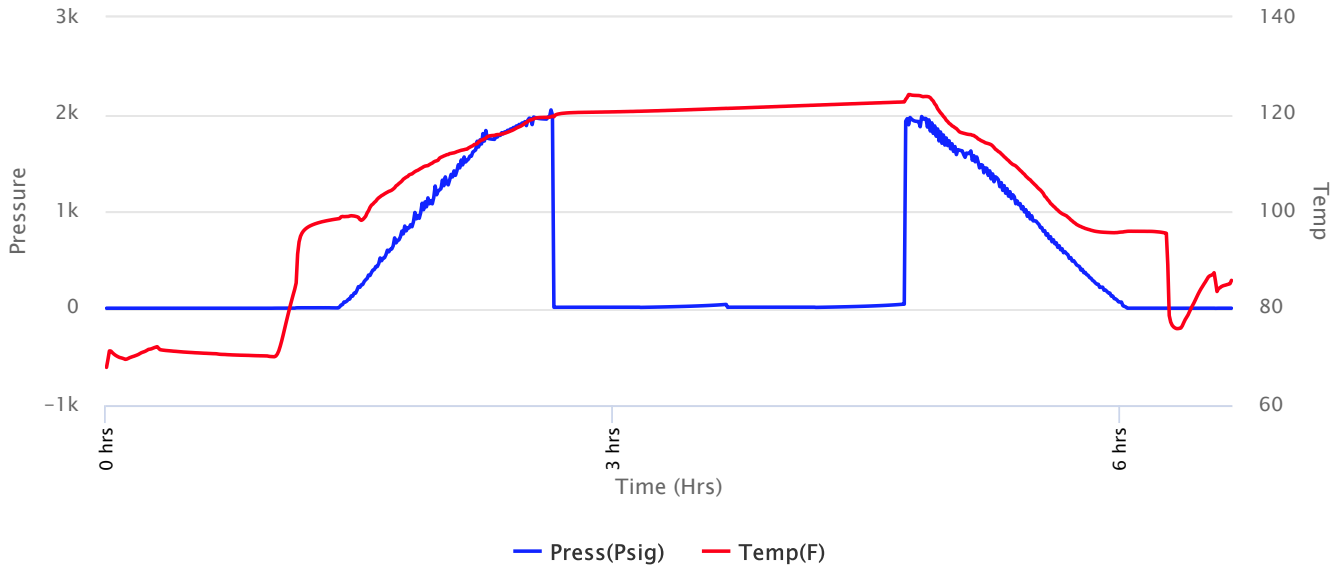
Electronic Volume Estimate:  
6'

1st Open  
Minutes: 30  
.5" at 30 min

1st Close  
Minutes: 30  
0" at 30 min

2nd Open  
Minutes: 30  
0" at 30 min

2nd Close  
Minutes: 30  
0" at 30 min





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Recovered

Foot	BBLs
2	0.02052

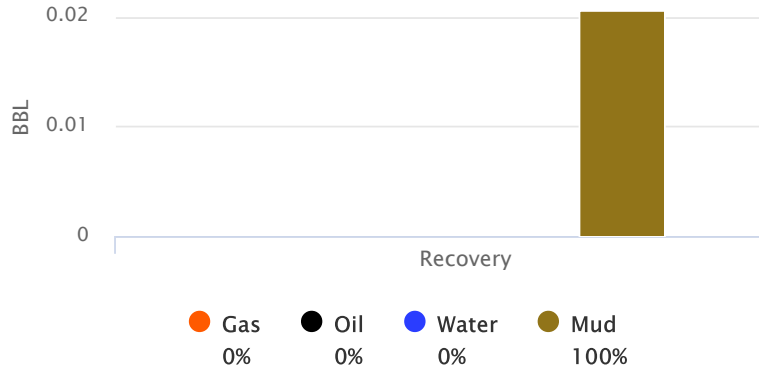
Description of Fluid	Gas %	Oil %	Water %	Mud %
M	0	0	0	100

Total Recovered: 2 ft  
 Total Barrels Recovered: 0.02052

**Reversed Out**  
 NO

Initial Hydrostatic Pressure	1951	PSI
Initial Flow	10 to 11	PSI
<b>Initial Closed in Pressure</b>	<b>40</b>	<b>PSI</b>
Final Flow Pressure	10 to 12	PSI
<b>Final Closed in Pressure</b>	<b>42</b>	<b>PSI</b>
Final Hydrostatic Pressure	1951	PSI
Temperature	123	°F
Pressure Change Initial Close / Final Close	0.0	%

**Recovery at a glance**







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**Down Hole Makeup**

<b>Heads Up:</b> 5.43 FT	<b>Packer 1:</b> 4048 FT
<b>Drill Pipe:</b> 4025.86 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 4053 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4037.42 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4055 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 27	<b>Surface Choke:</b> 1"
<u><b>Anchor Makeup</b></u>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 0 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 0 FT	
<b>Drill Pipe: (in anchor):</b> 0 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> 0 FT	
<b>Perforations: (below):</b> 26 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.3      **Viscosity:** 54      **Filtrate:** 7.2      **Chlorides:** 2,000 ppm



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**Gas Volume Report**

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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