



Company: L. D. Drilling, Inc
Lease: Ilene #1-2

SEC: 2 TWN: 14S RNG: 32W
 County: LOGAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2855 EGL
 Field Name: Maurice NE
 Pool: Infield
 Job Number: 205

Operation:
 Uploading recovery & pressures

DATE
 September
07
 2018

DST #5 **Formation: Pawnee and Cherokee** **Test Interval: 4340 - 4450'** **Total Depth: 4450'**
 Time On: 00:08 09/07 Time Off: 06:32 09/07
 Time On Bottom: 02:35 09/07 Time Off Bottom: 04:35 09/07

Electronic Volume Estimate:
 18'

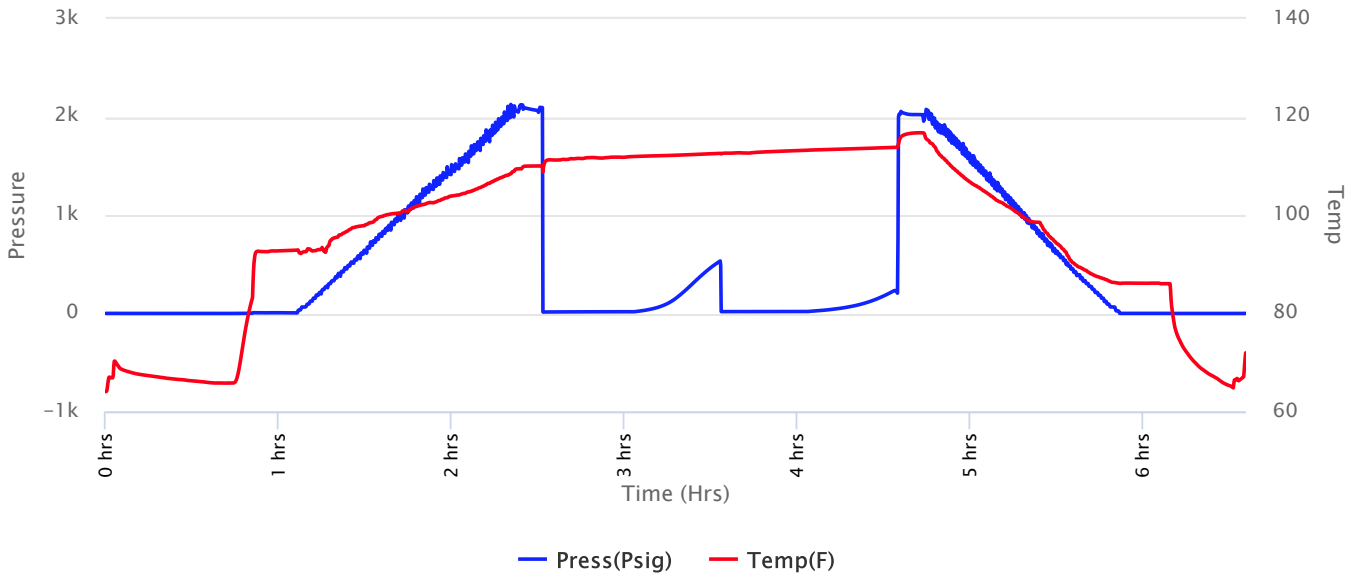
1st Open
 Minutes: 30
 Current Reading:
 1.4" at 30 min
 Max Reading: 1.5"

1st Close
 Minutes: 30
 Current Reading:
 0" at 30 min
 Max Reading: 0"

2nd Open
 Minutes: 30
 Current Reading:
 0" at 30 min
 Max Reading: 0"

2nd Close
 Minutes: 30
 Current Reading:
 0" at 30 min
 Max Reading: 0"

Inside Recorder





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Recovered

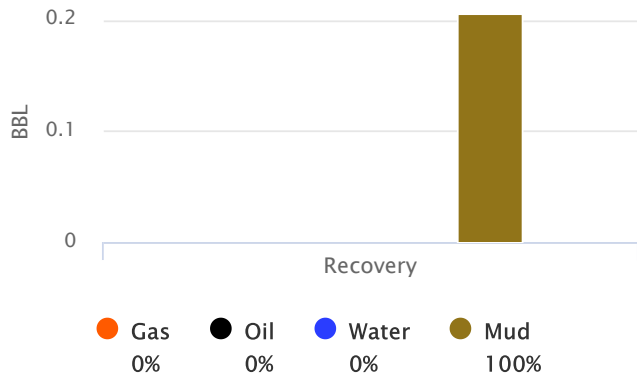
<u>Foot</u>	<u>BBS</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
20	0.2052	M	0	0	0	100

Total Recovered: 20 ft
 Total Barrels Recovered: 0.2052

Reversed Out
 NO

Initial Hydrostatic Pressure	2076	PSI
Initial Flow	13 to 16	PSI
Initial Closed in Pressure	533	PSI
Final Flow Pressure	16 to 18	PSI
Final Closed in Pressure	231	PSI
Final Hydrostatic Pressure	2056	PSI
Temperature	114	°F
Pressure Change Initial Close / Final Close	56.7	%

Recovery at a glance





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BUCKET MEASUREMENT:

1st Open: 1/4" built to 1.4"

1st Close: Nobb

2nd Open: No blow no build

2nd Close: Nobb

REMARKS:

tool sample 100% mud oil spec

Tool Sample: 0% Gas 0% Oil 0% Water 100% Mud



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Down Hole Makeup

Heads Up: 32.29 FT	Packer 1: 4335 FT
Drill Pipe: 4339.72 FT <i>ID-3 1/4</i>	Packer 2: 4340 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4324.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 4439 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 110	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 2 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 93.5 FT <i>ID-3 1/4</i>	
Change Over: .5 FT	
Perforations: (below): 12 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 58 **Filtrate:** 7.2 **Chlorides:** 3000 ppm