



Company: L. D. Drilling, Inc
Lease: Sampson Trust #1-13

SEC: 13 TWN: 18S RNG: 23W
 County: NESS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2295 EGL
 Field Name: Wildcat
 Pool: Infield
 Job Number: 384
 API #: 15-135-26077-00-00

Operation:
 Uploading recovery & pressures

DATE
 September
11
 2019

DST #2 **Formation: Mississippian** **Test Interval: 4258 - 4319'** **Total Depth: 4319'**
 Time On: 01:44 09/11 Time Off: 07:39 09/11
 Time On Bottom: 03:45 09/11 Time Off Bottom: 05:45 09/11

Electronic Volume Estimate:
 8'

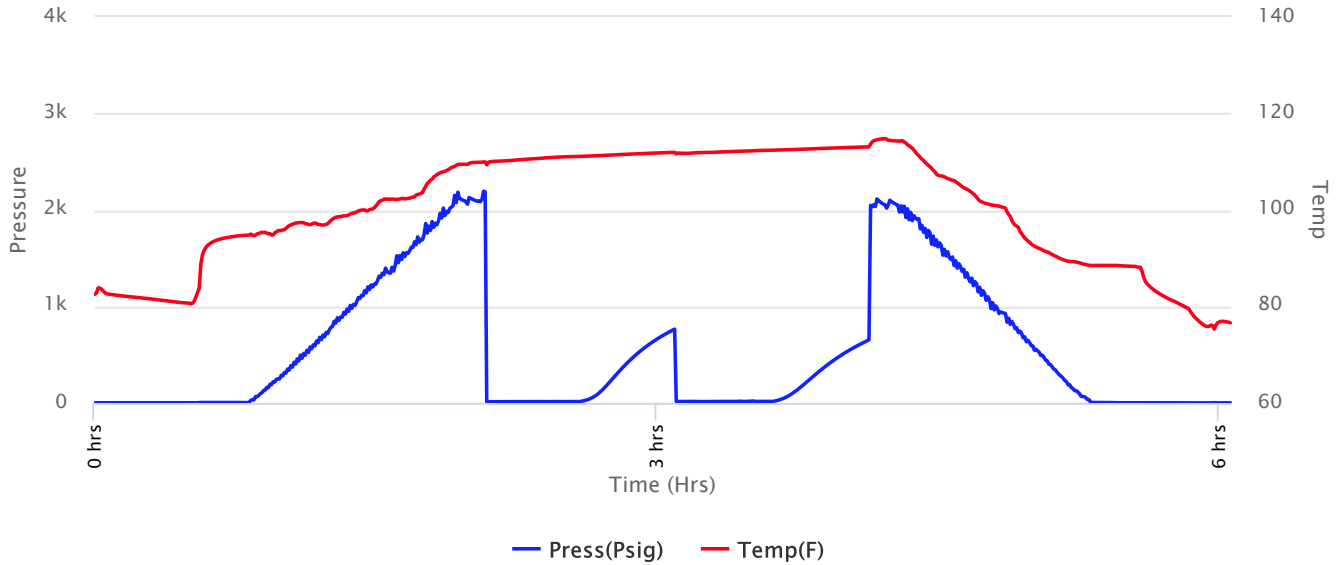
1st Open
 Minutes: 30
 Current Reading: .6" at 30 min
 Max Reading: .7"

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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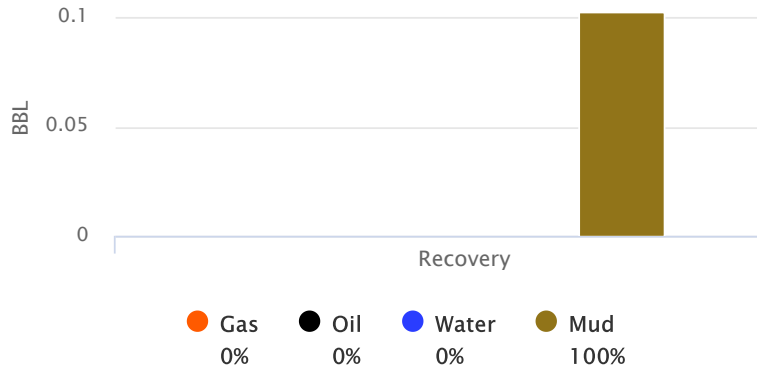
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
10	0.1026	M	0	0	0	100

Total Recovered: 10 ft
 Total Barrels Recovered: 0.1026

Reversed Out
NO

Initial Hydrostatic Pressure	2085	PSI
Initial Flow	12 to 14	PSI
Initial Closed in Pressure	765	PSI
Final Flow Pressure	14 to 16	PSI
Final Closed in Pressure	653	PSI
Final Hydrostatic Pressure	2082	PSI
Temperature	114	°F
Pressure Change Initial Close / Final Close	14.6	%

Recovery at a glance



GIP cubic foot volume: 0



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BUCKET MEASUREMENT:

1st Open: Surface blow building to 1/4"
1st Close: No BB
2nd Open: Weak surface blow lasting 4 1/2 min.
2nd Close: No BB

REMARKS:

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



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Down Hole Makeup

Heads Up: 16.56 FT	Packer 1: 4252.71 FT
Drill Pipe: 4241.7 FT <i>ID-3 1/4</i>	Packer 2: 4257.71 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4242.13 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4296 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: 61.29	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.29 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 24 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 59 **Filtrate:** 7.6 **Chlorides:** 5,100 ppm



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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D