



Company: L. D. Drilling, Inc
Lease: McIntyre #1-20

SEC: 20 TWN: 18S RNG: 16W
 County: RUSH
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2002 EGL
 Field Name: Otis-Albert
 Pool: Infield
 Job Number: 298

Operation:
 Uploading recovery & pressures

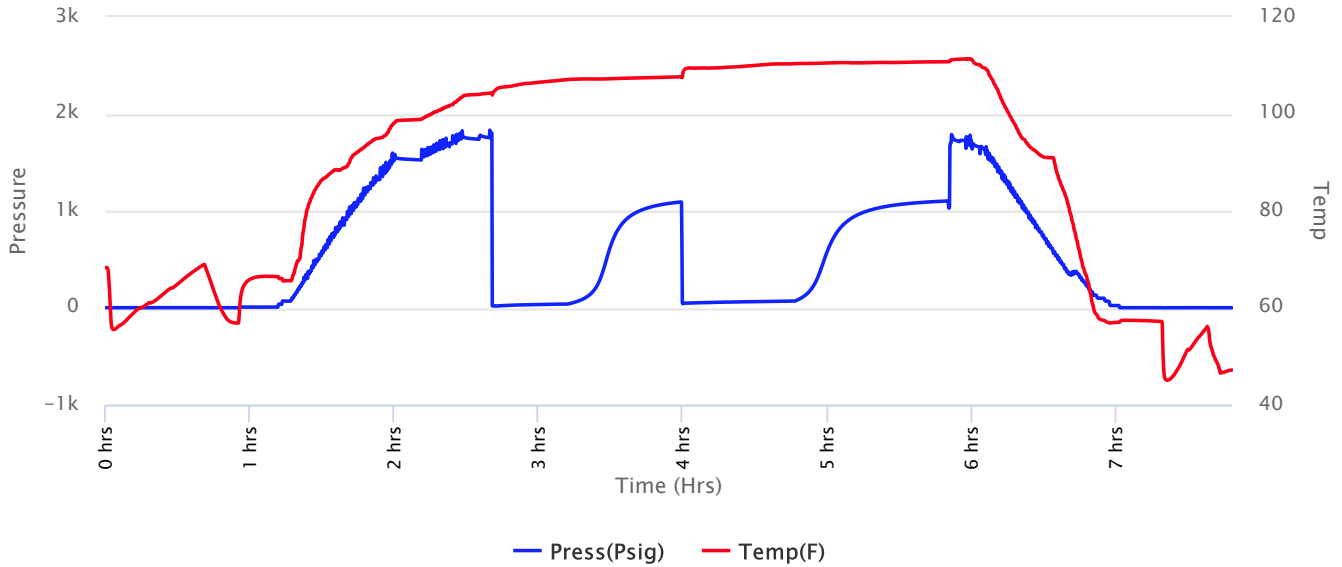
DATE
 February
07
 2019

DST #1 **Formation: Reagan Sand** **Test Interval: 3548 - 3608'** **Total Depth: 3608'**
 Time On: 06:59 02/07 Time Off: 14:40 02/07
 Time On Bottom: 09:39 02/07 Time Off Bottom: 12:39 02/07

Electronic Volume Estimate:
 141'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 45	Minutes: 45	Minutes: 60
Current Reading: 8.3" at 30 min	Current Reading: 0" at 45 min	Current Reading: 7" at 45 min	Current Reading: 0" at 60 min
Max Reading: 8.3"	Max Reading: 0"	Max Reading: 7"	Max Reading: 0"

Inside Recorder





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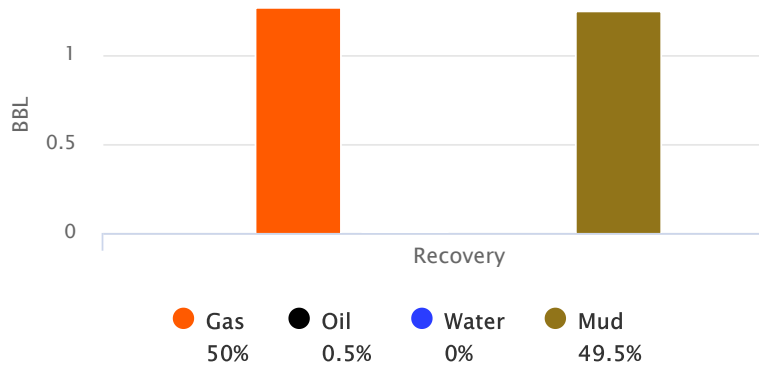
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
124	1.27224	G	100	0	0	0
124	1.27224	SLOSM	0	1	0	99

Total Recovered: 248 ft
 Total Barrels Recovered: 2.54448

Reversed Out
 NO

Initial Hydrostatic Pressure	1738	PSI
Initial Flow	19 to 39	PSI
Initial Closed in Pressure	1091	PSI
Final Flow Pressure	41 to 70	PSI
Final Closed in Pressure	1101	PSI
Final Hydrostatic Pressure	1736	PSI
Temperature	111	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 7.14299



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BUCKET MEASUREMENT:

1st Open: 1/4" Blow. Built to 8 1/4 inches in 30 mins

1st Close: NOBB

2nd Open: 1" Blow. Built to 7 inches in 45 mins

2nd Close: NOBB



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Down Hole Makeup

Heads Up: 13.13 FT	Packer 1: 3542.96 FT
Drill Pipe: 3528.52 FT <i>ID-3 1/4</i>	Packer 2: 3547.96 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3532.38 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3586 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: 60.04	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): 31.04 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 23 FT <i>4 1/2-FH</i>	



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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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