



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

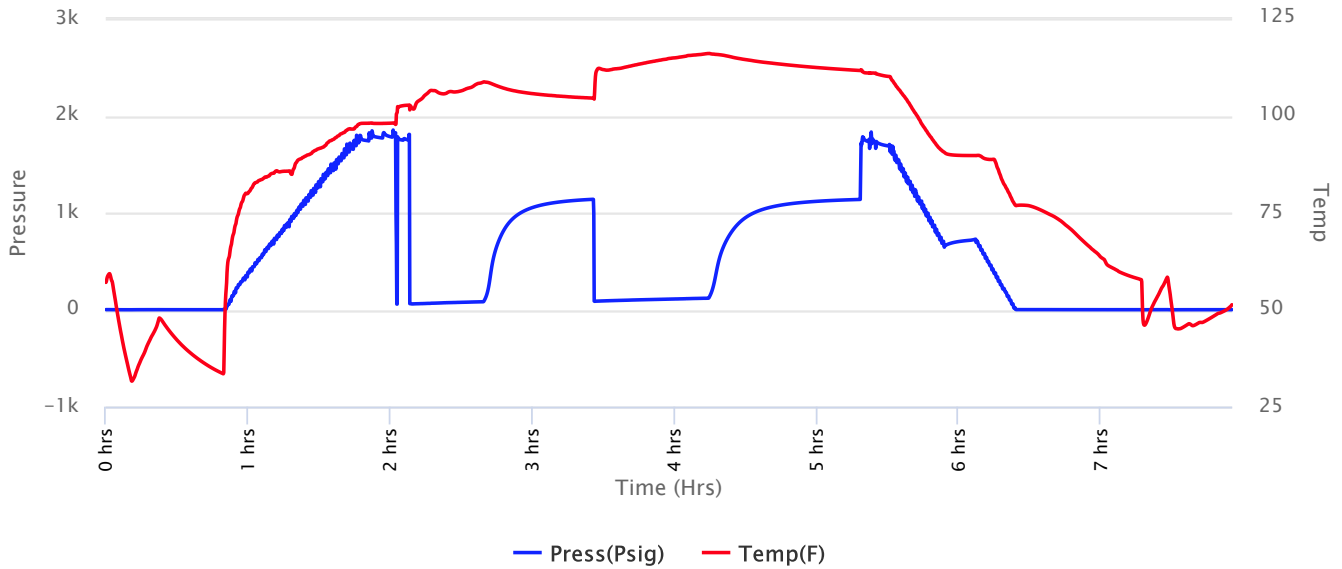
DATE
 February
07
 2019

DST #2 **Formation: Reagan Sand** **Test Interval: 3605 - 3615'** **Total Depth: 3615'**
 Time On: 22:29 02/07 Time Off: 06:12 02/08
 Time On Bottom: 00:34 02/08 Time Off Bottom: 03:34 02/08

Electronic Volume Estimate:
 156'

<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" at 30 min	Current Reading: .5" at 45 min	Current Reading: 7.9" at 45 min	Current Reading: .25" at 60 min
Max Reading: 8"	Max Reading: .5"	Max Reading: 7.9"	Max Reading: .25"

Inside Recorder





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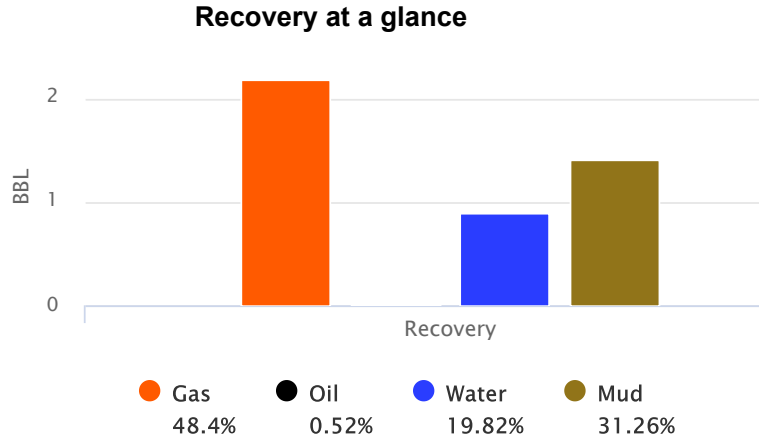
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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
212	2.17512	G	100	0	0	0
102	1.04652	OSM	0	1	0	99
124	1.27224	SLOCMCW	0	1	70	29

Total Recovered: 438 ft
 Total Barrels Recovered: 4.49388

Reversed Out
 NO

Initial Hydrostatic Pressure	1749	PSI
Initial Flow	62 to 82	PSI
Initial Closed in Pressure	1138	PSI
Final Flow Pressure	88 to 121	PSI
Final Closed in Pressure	1137	PSI
Final Hydrostatic Pressure	1749	PSI
Temperature	117	°F
Pressure Change Initial Close / Final Close	0.1	%



GIP cubic foot volume: 12.21221



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BUCKET MEASUREMENT:

Diesel in Bucket

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

1st Close: 1/2" Blow Back

2nd Open: 1" Blow Built to 8 inches in 45 mins

2nd Close: 1/4" Blow Back

REMARKS:

Hit Bridge on First Attempt to Set Packers. Most of the Mud was From The First Attempt and Second Attempt Went Fine but slid through the first opening.

Tool Sample: Blown Out

Ph: 7

Measured RW: .4 @ 3 degrees °F

RW at Formation Temp: 0.032 @ 117 °F

Chlorides: 30,000 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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