

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

80 2019 **DST #3**

Formation: Reagan Sand

Test Interval: 3613 -

Total Depth: 3623'

3623'

Time On: 20:21 02/08 Time Off: 04:22 02/09

Time On Bottom: 22:22 02/08 Time Off Bottom: 01:22 02/09

Electronic Volume Estimate: 1286'

1st Open Minutes: 30 **Current Reading:** 81.6" at 30 min

Max Reading: 81.6"

1st Close Minutes: 45 **Current Reading:**

4.4" at 45 min Max Reading: 5.5"

2nd Open Minutes: 45 **Current Reading:**

61.5" at 45 min

Max Reading: 61.5"

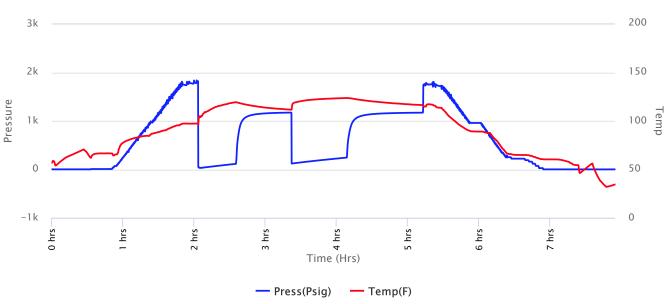
2nd Close Minutes: 60

Current Reading:

3" at 60 min

Max Reading: 3"

Inside Recorder





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	Sand	3623'	

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Recovered

<u>Foot</u>	<u>BBLS</u>	Description of Fluid	<u>Gas %</u>	Oil %	Water %	Mud %
610	6.2586	G	100	0	0	0
10	0.1026	SLOCM	0	2	0	98
62	0.63612	HWCO	0	60	40	0
186	1.90836	SLOCW	0	2	98	0
186	1.90836	W	0	0	100	0

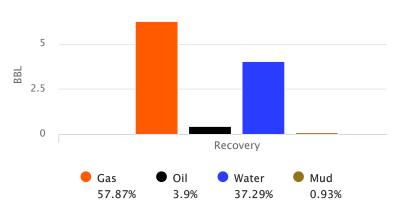
Total Recovered: 1054 ft

Total Barrels Recovered: 10.81404

Reversed Out
NO

Initial Hydrostatic Pressure	1777	PSI
Initial Flow	37 to 112	PSI
Initial Closed in Pressure	1171	PSI
Final Flow Pressure	122 to 243	PSI
Final Closed in Pressure	1170	PSI
Final Hydrostatic Pressure	1758	PSI
Temperature	124	°F
Pressure Change Initial	0.1	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 35.13891



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BUCKET MEASUREMENT:

Diesel in Bucket

1st Open: 1" Blow. BOB in 1 min 1st Close: 5 1/2 inch Blow Back 2nd Open: 3 1/2 Blow. BOB in 7 mins

2nd Close: 3 inch Blow Back

REMARKS:

Tool Sample: 0% Gas 2% Oil 88% Water 10% Mud

Ph: 7

Measured RW: .5 @ 18 degrees °F

RW at Formation Temp: 0.095 @ 124 °F

Chlorides: 40,000 ppm



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Down Hole Makeup

Heads Up: 10.1 FT Packer 1: 3608 FT

Drill Pipe: 3590.53 FT Packer 2: 3613 FT

ID-3 1/4 Top Recorder: 3597.42 FT

Weight Pipe: FT

Bottom Recorder: 3615 FT ID-2 7/8

Well Bore Size: 7 7/8 Collars: 0 FT

Surface Choke: 1" ID-2 1/4

Bottom Choke: 5/8" **Test Tool:** 33.57 FT

ID-3 1/2-FH

Jars Safety Joint

Total Anchor: 10

Anchor Makeup Packer Sub: 1 FT

Perforations: (top): 0 FT

4 1/2-FH

Change Over: 0 FT

Drill Pipe: (in anchor): 0 FT

ID-3 1/4

Change Over: 0 FT

Perforations: (below): 9 FT

4 1/2-FH



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Mud Properties

Chlorides: 8300 ppm Mud Type: Chem Weight: 9.3 Viscosity: 47 Filtrate: 10.4



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Gas Volume Report

1st Open

2nd Open

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