



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

SEC: 20 TWN: 8S RNG: 34W
 County: THOMAS
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc -
 Rig 1
 Elevation: 3261 EGL
 Field Name: Morgan Ext
 Pool: Infield
 Job Number: 200

Operation:
 Uploading recovery &
 pressures

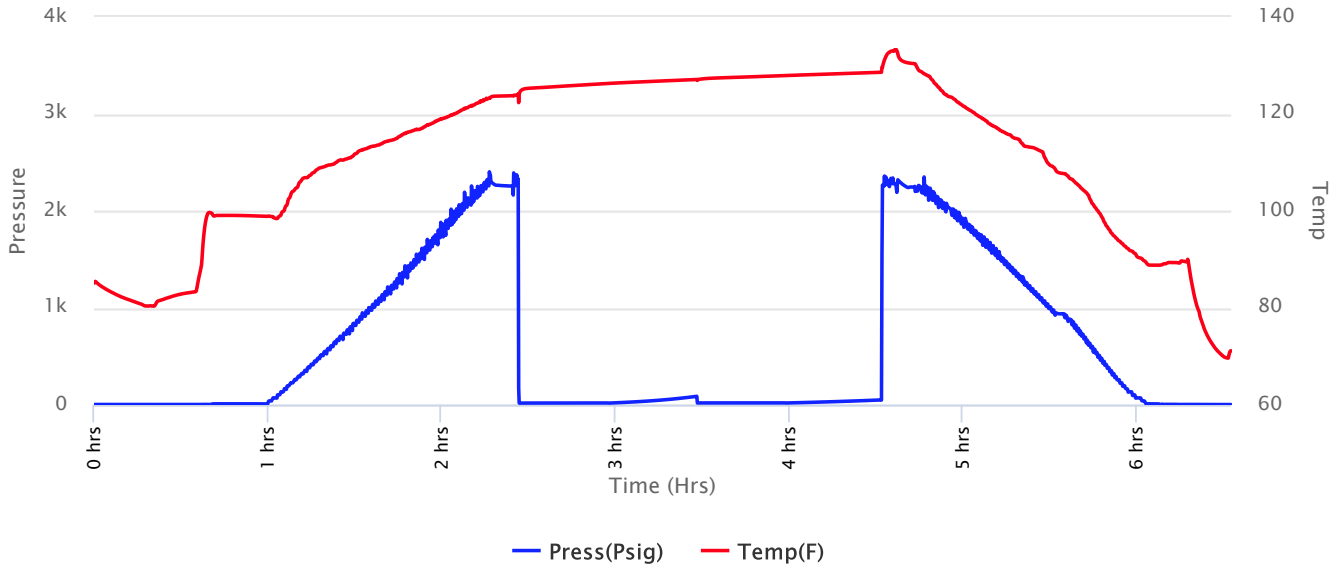
DATE
 August
12
 2018

DST #7 **Formation: CHEROKEE/JOHNSON** **Test Interval: 4600 - 4670'** **Total Depth: 4670'**
 Time On: 17:35 08/12 Time Off: 23:57 08/12
 Time On Bottom: 19:55 08/12 Time Off Bottom: 21:55 08/12

Electronic Volume
 Estimate:
 3'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 30	Minutes: 30	Minutes: 30
Current Reading: .1" at 30 min	Current Reading: 0" at 30 min	Current Reading: 0" at 30 min	Current Reading: 0" at 30 min
Max Reading: .25"	Max Reading: 0"	Max Reading: 0"	Max Reading: 0"

Inside Recorder





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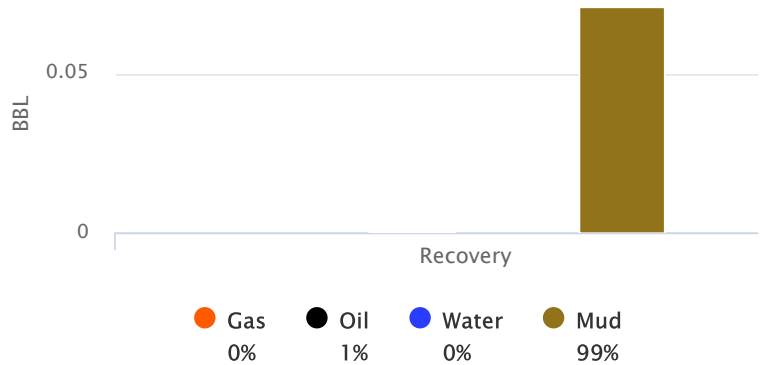
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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
7	0.07182	SLOCM	0	1	0	99

Total Recovered: 7 ft
 Total Barrels Recovered: 0.07182

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	2260	PSI
Initial Flow	16 to 18	PSI
Initial Closed in Pressure	87	PSI
Final Flow Pressure	18 to 19	PSI
Final Closed in Pressure	49	PSI
Final Hydrostatic Pressure	2251	PSI
Temperature	129	°F
Pressure Change Initial Close / Final Close	44.3	%



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BUCKET MEASUREMENT:

1st Open: WSB-INCEASING TO 1/4" THEN DECREASED TO WSB IN 30 MINUTES

1st Close: NO BLOW BACK

2nd Open: NO BLOW-NO BUILD

2nd Close: NO BLOW BACK

REMARKS:

Tool Sample: 0% Gas 2% Oil 0% Water 98% Mud



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Down Hole Makeup

Heads Up: 20.17 FT	Packer 1: 4595 FT
Drill Pipe: 4587.6 FT <i>ID-3 1/4</i>	Packer 2: 4600 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4584.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 4638 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: 70	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): 31.5 FT <i>ID-3 1/4</i>	
Change Over: .5 FT	
Perforations: (below): 33 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: CHEMICAL **Weight:** 9.3

Viscosity: 59

Filtrate: 10.4

Chlorides: 4800 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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