



**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

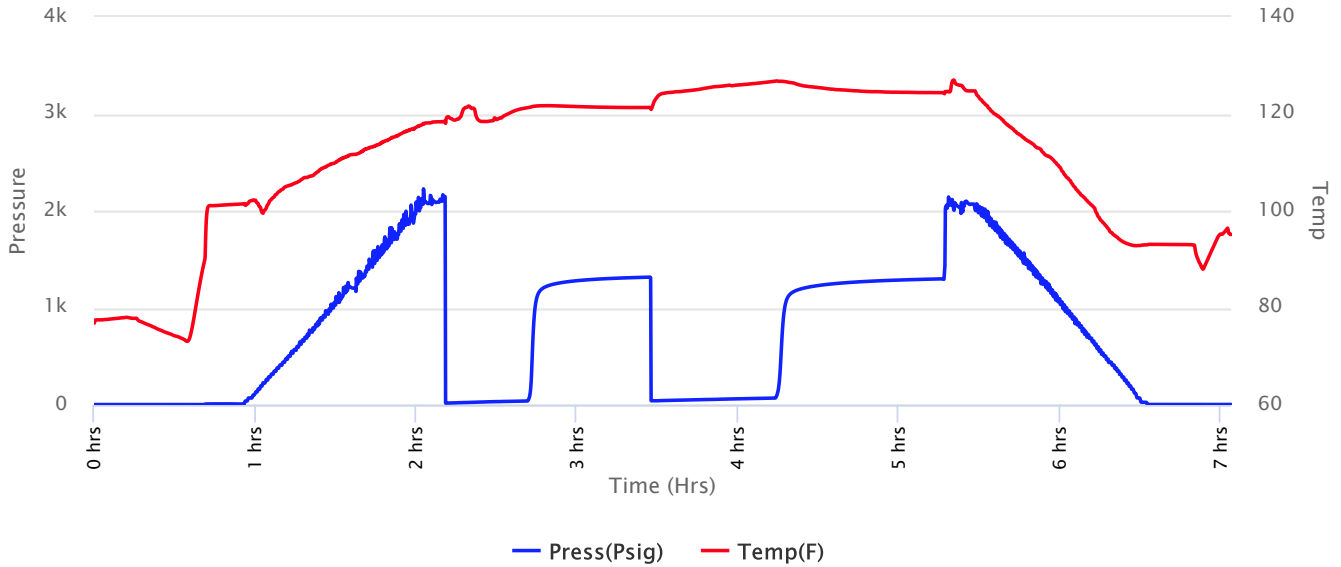
**DATE**  
 August  
**10**  
 2018

**DST #4**      **Formation: L/KC 'K&L'**      **Test Interval: 4325 - 4380'**      **Total Depth: 4380'**  
 Time On: 05:30 08/10      Time Off: 12:25 08/10  
 Time On Bottom: 07:37 08/10      Time Off Bottom: 10:37 08/10

Electronic Volume Estimate:  
 100'

<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: 4.4" at 30 min	Current Reading: 0" at 45 min	Current Reading: 4" at 45 min	Current Reading: 0" at 60 min
Max Reading: 4.4"	Max Reading: 0"	Max Reading: 4"	Max Reading: 0"

Inside Recorder





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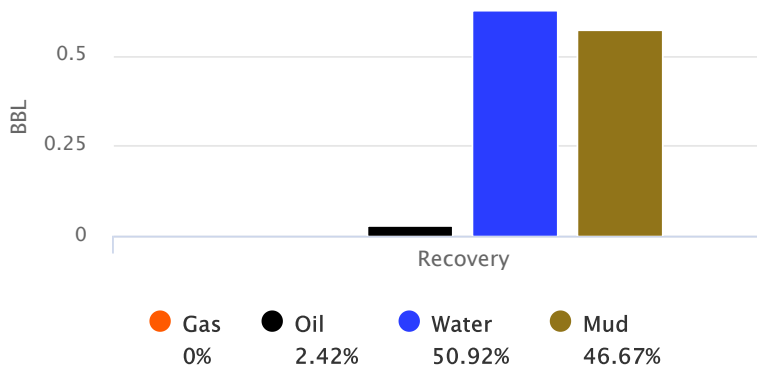
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
50	0.513	SLOCWCM	0	3	27	70
70	0.7182	SLOCHMCW	0	2	68	30

Total Recovered: 120 ft  
 Total Barrels Recovered: 1.2312

Reversed Out  
 NO

Initial Hydrostatic Pressure	2094	PSI
Initial Flow	16 to 38	PSI
<b>Initial Closed in Pressure</b>	<b>1315</b>	<b>PSI</b>
Final Flow Pressure	41 to 69	PSI
<b>Final Closed in Pressure</b>	<b>1298</b>	<b>PSI</b>
Final Hydrostatic Pressure	2084	PSI
Temperature	127	°F
Pressure Change Initial Close / Final Close	1.3	%

**Recovery at a glance**





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**BUCKET MEASUREMENT:**

1st Open: 1/4"BLOW-INCREASING TO 4 1/2" IN 30 MINUTES

1st Close: NO BLOW BACK

2nd Open: NO BLOW-INCREASING TO 4" IN 45 MINUTES

2nd Close: NO BLOW BACK

**REMARKS:**

Tool Sample: 0% Gas TRACE% Oil 35% Water 65% Mud

Ph: 11

Measured RW: .19 @ 79 degrees °F

RW at Formation Temp: 0.122 @ 127 °F

Chlorides: 33000 ppm





