



**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: NA  
 Pool: Infield  
 Job Number: 200

**Operation:**  
 Uploading recovery & pressures

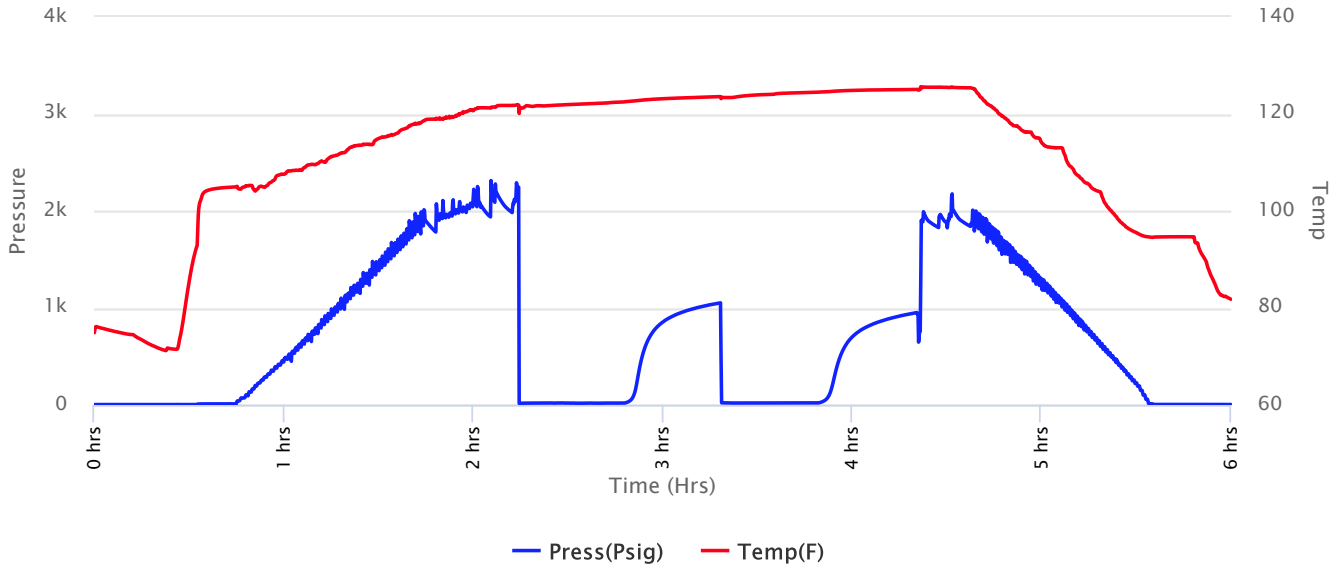
**DATE**  
 August  
**08**  
 2018

**DST #1 Formation: LANS 'E' Test Interval: 4191 - Total Depth: 4204'**  
**4204'**  
 Time On: 02:45 08/08 Time Off: 08:41 08/08  
 Time On Bottom: 05:00 08/08 Time Off Bottom: 07:00 08/08

Electronic Volume Estimate:  
 13'

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

Inside Recorder





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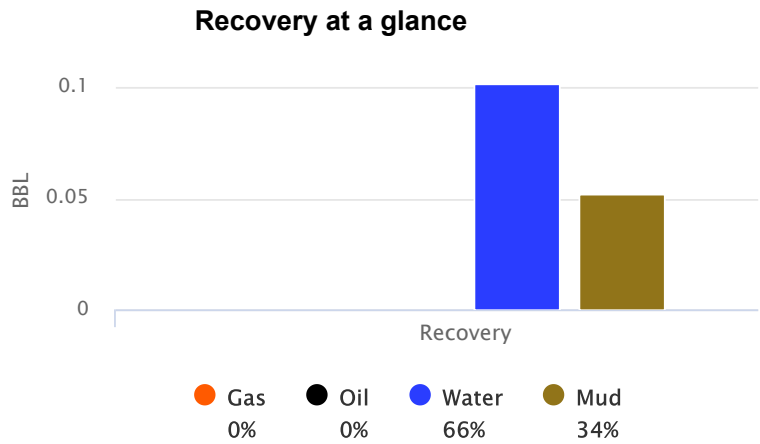
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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
15	0.1539	HMCW	0	0	66	34

Total Recovered: 15 ft  
 Total Barrels Recovered: 0.1539

Reversed Out  
 NO

Initial Hydrostatic Pressure	2018	PSI
Initial Flow	13 to 17	PSI
<b>Initial Closed in Pressure</b>	<b>1051</b>	<b>PSI</b>
Final Flow Pressure	18 to 19	PSI
<b>Final Closed in Pressure</b>	<b>950</b>	<b>PSI</b>
Final Hydrostatic Pressure	1998	PSI
Temperature	125	°F
Pressure Change Initial Close / Final Close	9.6	%





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**BUCKET MEASUREMENT:**

1st Open: WSB-INCREASING TO 1" IN 30 MINUTES

1st Close: NO BLOW BACK

2nd Open: NO BLOW-INCREASING TO WSB IN 30 MINUTES

2nd Close: NO BLOW BACK

**REMARKS:**

TRACE OF OIL IN 15' RECOVERY

Tool Sample: 0% Gas 2% Oil 38% Water 60% Mud

Ph: 9

Measured RW: .41 @ 70 degrees °F

RW at Formation Temp: 0.239 @ 125 °F

Chlorides: 19000 ppm



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### Down Hole Makeup

<b>Heads Up:</b> 23.39 FT	<b>Packer 1:</b> 4186 FT
<b>Drill Pipe:</b> 4181.82 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 4191 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4175.42 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4196 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 13	<b>Surface Choke:</b> 1"
<b><u>Anchor Makeup</u></b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 3 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> FT	
<b>Drill Pipe: (in anchor):</b> FT <i>ID-3 1/4</i>	
<b>Change Over:</b> FT	
<b>Perforations: (below):</b> 9 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** CHEMICAL    **Weight:** 9.1      **Viscosity:** 49      **Filtrate:** 9.6      **Chlorides:** 2400 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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