



**Company: Raymond Oil  
Company, Inc  
Lease: Z. Baird #1**

SEC: 30 TWN: 6S RNG: 35W  
County: THOMAS  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 3278 GL  
Field Name: LD  
Pool: Pool Ext  
Job Number: 62

**DATE**  
October  
**21**  
2017

**DST #4      Formation: Pawnee      Test Interval: 4498 - 4540'      Total Depth: 4540'**

Time On: 07:40 10/21      Time Off: 15:38 10/21  
Time On Bottom: 10:59 10/21      Time Off Bottom: 13:29 10/21

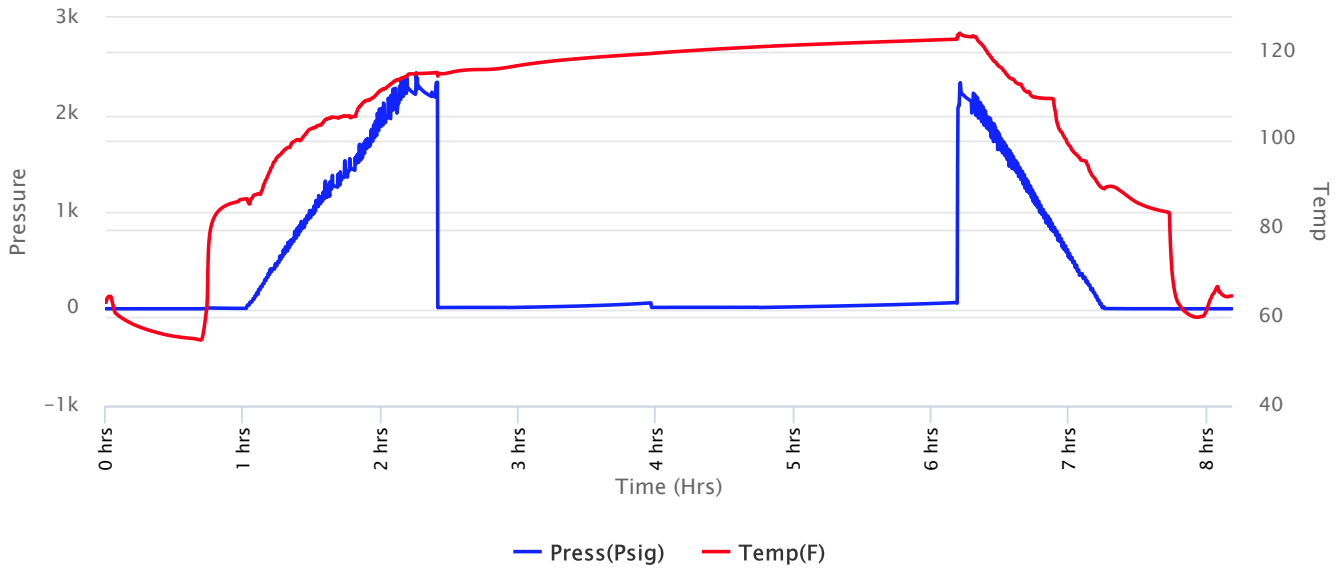
Electronic Volume  
Estimate:  
9'

1st Open  
Minutes: 30  
.7" at 30 min

1st Close  
Minutes: 60  
0" at 60 min

2nd Open  
Minutes: 45  
0" at 45 min

2nd Close  
N/A





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Recovered

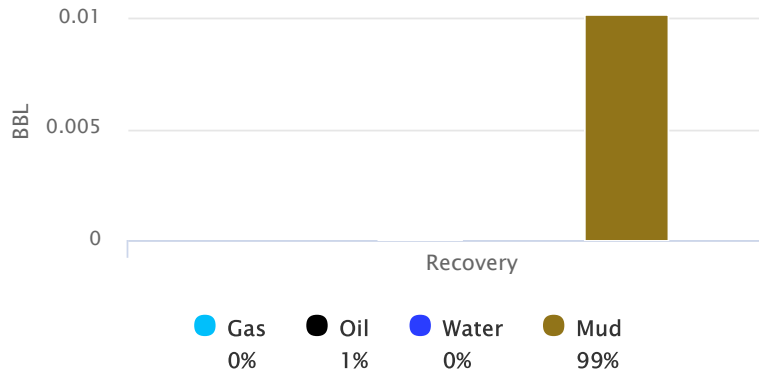
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
1	0.01026	SLOCM	0	1	0	99

Total Recovered: 1 ft  
Total Barrels Recovered: 0.01026

Reversed Out  
NO

Initial Hydrostatic Pressure	2212	PSI
Initial Flow	12 to 14	PSI
<b>Initial Closed in Pressure</b>	<b>60</b>	<b>PSI</b>
Final Flow Pressure	13 to 15	PSI
<b>Final Closed in Pressure</b>	<b>64</b>	<b>PSI</b>
Final Hydrostatic Pressure	2214	PSI
Temperature	123	°F
Pressure Change Initial Close / Final Close	0.0	%

**Recovery at a glance**





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**REMARKS:**

- 10. WSB Built to 1/2 inch
- 1C. NOBB
- 20. NO BLOW
- 2C. NOBB

Tool Sample: 100% M



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**Down Hole Makeup**

<b>Heads Up:</b> 33.17 FT	<b>Packer 1:</b> 4493 FT
<b>Drill Pipe:</b> 4498.6 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 4498 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4482.42 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4500 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 42	<b>Surface Choke:</b> 1"
<u><b>Anchor Makeup</b></u>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 0 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 0 FT	
<b>Drill Pipe: (in anchor):</b> 0 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> 0 FT	
<b>Perforations: (below):</b> 41 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** Chem      **Weight:** 9.3      **Viscosity:** 59      **Filtrate:** 11.2      **Chlorides:** 6000 ppm



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**Gas Volume Report**

*1st Open*

*2nd Open*

<b>Time</b>	<b>Orifice</b>	<b>PSI</b>	<b>MCF/D</b>
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<b>Time</b>	<b>Orifice</b>	<b>PSI</b>	<b>MCF/D</b>
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