



**Company: Raymond Oil  
Company, Inc  
Lease: Michaelis #4**

SEC: 3 TWN: 14S RNG: 32W  
County: LOGAN  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc - Rig 1  
Elevation: 2823 GL  
Field Name: Rose Garden NW  
Pool: WILDCAT  
Job Number: 213

**Operation:**  
Uploading recovery & pressures

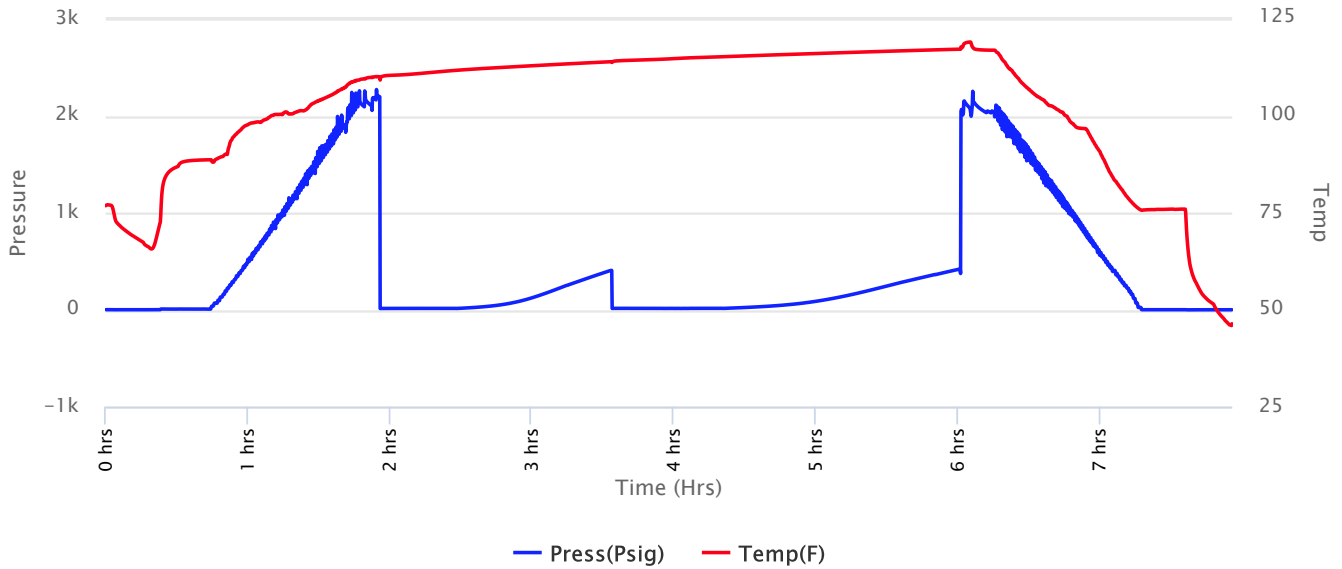
**DATE**  
October  
**04**  
2018

**DST #6**      **Formation: Chero/Johnson**      **Test Interval: 4384 - 4460'**      **Total Depth: 4460'**  
Time On: 01:28 10/04      Time Off: 09:28 10/04  
Time On Bottom: 03:21 10/04      Time Off Bottom: 07:06 10/04

Electronic Volume Estimate:  
11'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 60	Minutes: 45	Minutes: 90
Current Reading: .7" at 30 min	Current Reading: 0" at 60 min	Current Reading: 0" at 45 min	Current Reading: 0" at 90 min
Max Reading: .9"	Max Reading: 0"	Max Reading: 0"	Max Reading: 0"

Inside Recorder





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Recovered

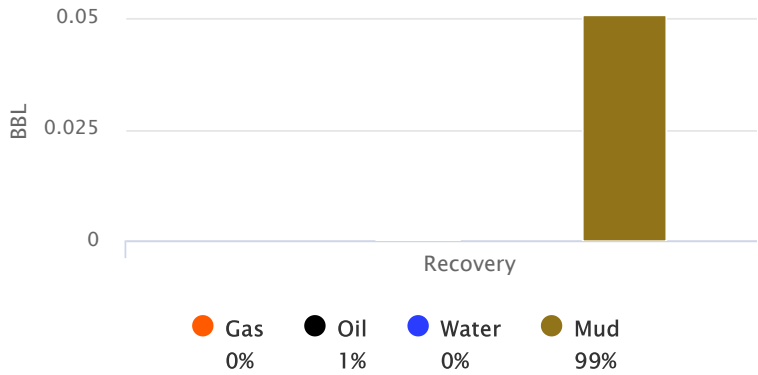
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
5	0.0513	SLOCM	0	1	0	99

Total Recovered: 5 ft  
Total Barrels Recovered: 0.0513

**Reversed Out**  
NO

Initial Hydrostatic Pressure	2096	PSI
Initial Flow	12 to 14	PSI
<b>Initial Closed in Pressure</b>	<b>407</b>	<b>PSI</b>
Final Flow Pressure	13 to 15	PSI
<b>Final Closed in Pressure</b>	<b>421</b>	<b>PSI</b>
Final Hydrostatic Pressure	2097	PSI
Temperature	117	°F
Pressure Change Initial Close / Final Close	0.0	%

**Recovery at a glance**





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**BUCKET MEASUREMENT:**

1st Open: 1/4 " Blow Blow. Built to 3/4 inch in 30 mins  
1st Close: NOBB  
2nd Open: No Blow  
2nd Close: NOBB

**REMARKS:**

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



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**Down Hole Makeup**

<b>Heads Up:</b> 21.32 FT	<b>Packer 1:</b> 4379.16 FT
<b>Drill Pipe:</b> 4372.91 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 4384.16 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4368.58 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4453 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> 75.84	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</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> .5 FT	
<b>Drill Pipe: (in anchor):</b> 62.34 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 8 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** Chem

**Weight:** 9.3

**Viscosity:** 53

**Filtrate:** 9.6

**Chlorides:** 4200 ppm



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### Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D
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2nd Open

Time	Orifice	PSI	MCF/D
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