



**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  
**03**  
2018

**DST #5**      **Formation:**      **Test Interval: 4262 -**      **Total Depth: 4354'**  
**Altamont, Pawnee,**  
**Myrick Station**      **4354'**  
Time On: 03:06 10/03      Time Off: 10:41 10/03  
Time On Bottom: 04:55 10/03      Time Off Bottom: 08:40 10/03

Electronic Volume  
Estimate:  
15'

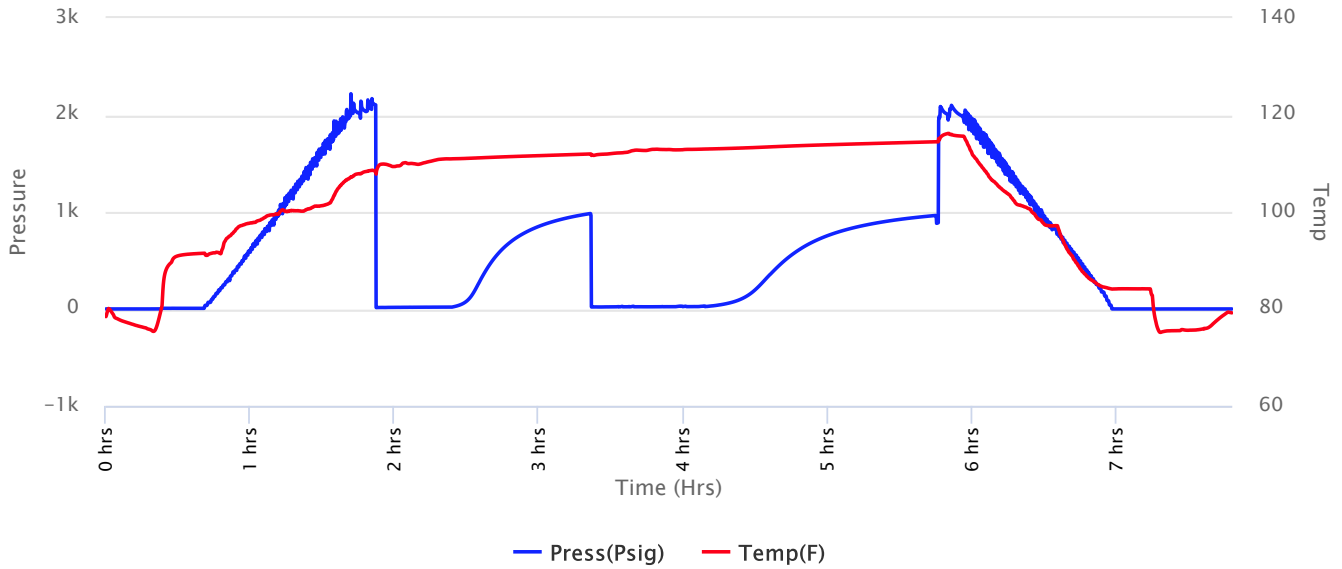
1st Open  
Minutes: 30  
Current Reading:  
1" at 30 min  
Max Reading: 1.3"

1st Close  
Minutes: 60  
Current Reading:  
0" at 60 min  
Max Reading: 0"

2nd Open  
Minutes: 45  
Current Reading:  
0" at 45 min  
Max Reading: 0"

2nd Close  
Minutes: 90  
Current Reading:  
0" at 90 min  
Max Reading: 0"

Inside Recorder





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Recovered

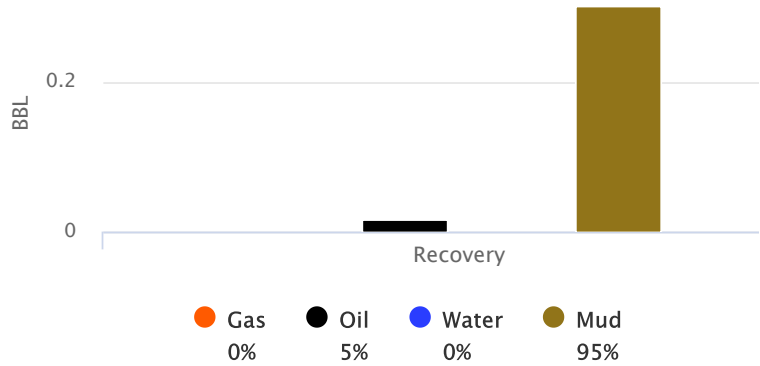
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
31	0.31806	SLOCM	0	5	0	95

Total Recovered: 31 ft  
 Total Barrels Recovered: 0.31806

**Reversed Out**  
 NO

Initial Hydrostatic Pressure	2026	PSI
Initial Flow	14 to 20	PSI
<b>Initial Closed in Pressure</b>	<b>983</b>	<b>PSI</b>
Final Flow Pressure	21 to 25	PSI
<b>Final Closed in Pressure</b>	<b>964</b>	<b>PSI</b>
Final Hydrostatic Pressure	2024	PSI
Temperature	115	°F
Pressure Change Initial Close / Final Close	2.0	%

**Recovery at a glance**





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**BUCKET MEASUREMENT:**

1st Open: WSB. Built to 1 1/4 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> 18.57 FT	<b>Packer 1:</b> 4257.16 FT
<b>Drill Pipe:</b> 4248.16 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 4262.16 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4246.58 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4331 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> 91.84	<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> 1 FT	
<b>Drill Pipe: (in anchor):</b> 62.34 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 24 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** Chem      **Weight:** 9.1      **Viscosity:** 54      **Filtrate:** 8      **Chlorides:** 4000 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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