



**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

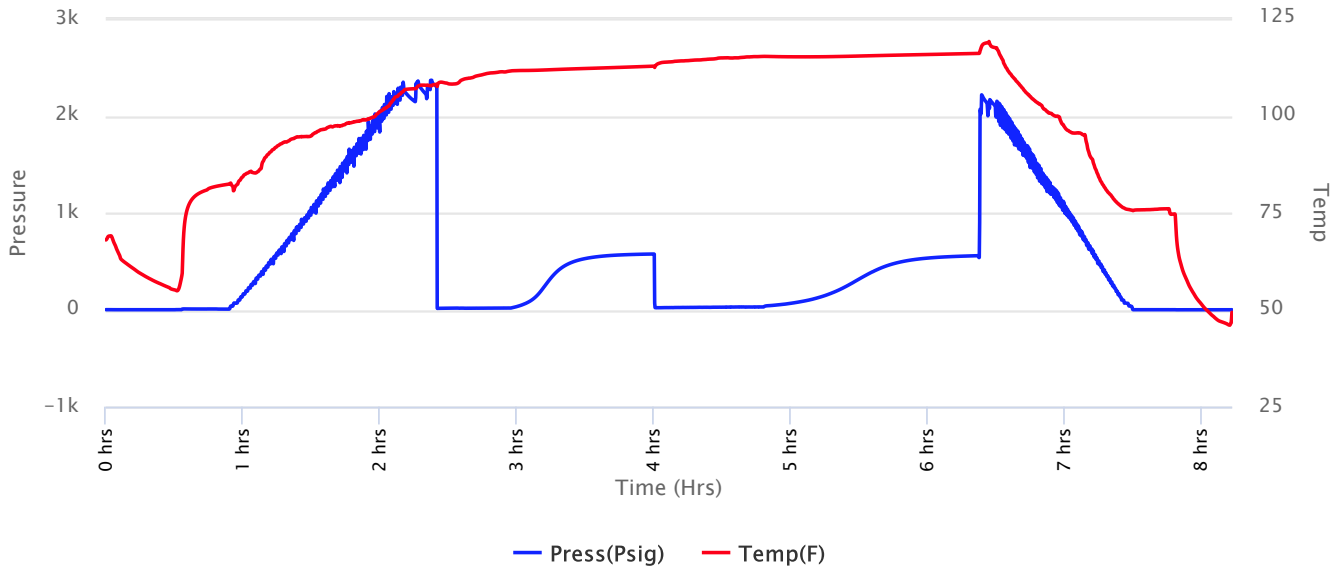
DATE
October
04
2018

DST #7 **Formation:** **Test Interval: 4456 - 4522'** **Total Depth: 4522'**
Time On: 18:38 10/04 Time Off: 02:48 10/05
Time On Bottom: 21:00 10/04 Time Off Bottom: 00:45 10/05

Electronic Volume
Estimate:
47'

<u>1st Open</u>	1st Close	<u>2nd Open</u>	2nd Close
Minutes: 30	Minutes: 60	Minutes: 45	Minutes: 90
Current Reading: 1.8" at 30 min	Current Reading: 0" at 60 min	Current Reading: 2.1" at 45 min	Current Reading: 0" at 90 min
Max Reading: 1.8"	Max Reading: 0"	Max Reading: 2.1"	Max Reading: 0"

Inside Recorder





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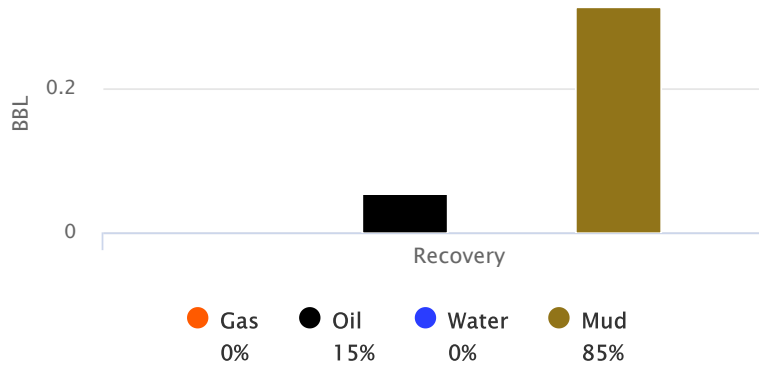
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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
36	0.36936	SLOCM	0	15	0	85

Total Recovered: 36 ft
Total Barrels Recovered: 0.36936

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	2147	PSI
Initial Flow	14 to 18	PSI
Initial Closed in Pressure	574	PSI
Final Flow Pressure	22 to 29	PSI
Final Closed in Pressure	556	PSI
Final Hydrostatic Pressure	2146	PSI
Temperature	116	°F
Pressure Change Initial Close / Final Close	3.1	%



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BUCKET MEASUREMENT:

1st Open: WSB. Built to 1 3/4 inch in 30 mins.
1st Close: NOBB
2nd Open: WSB. Built to 2 1/4 inch in 45 mins
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 20% Oil 0% Water 80% Mud



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Down Hole Makeup

Heads Up: 11.43 FT	Packer 1: 4451.2 FT
Drill Pipe: 4435.06 FT <i>ID-3 1/4</i>	Packer 2: 4456.2 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4440.62 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4494 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 65.8	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 31.3 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 29 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chem **Weight:** 9.3 **Viscosity:** 55 **Filtrate:** 10.4 **Chlorides:** 4500 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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