

Company: Raymond Oil Company, Inc

Operation:

Uploading recovery & pressures

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

DATE September

> 30 2018

DST #2 Formation: 70 ft Test Interval: 3927 -Total Depth: 3947' 3947' Zone

Time On: 02:42 09/30 Time Off: 10:22 09/30

Time On Bottom: 04:31 09/30 Time Off Bottom: 08:16 09/30

Electronic Volume Estimate:

19'

1st Open Minutes: 30 **Current Reading:** 1.7" at 30 min

Max Reading: 1.7"

1st Close Minutes: 60 **Current Reading:**

0" at 60 min Max Reading: 0"

2nd Open Minutes: 45 **Current Reading:**

.12" at 45 min

Max Reading: .12"

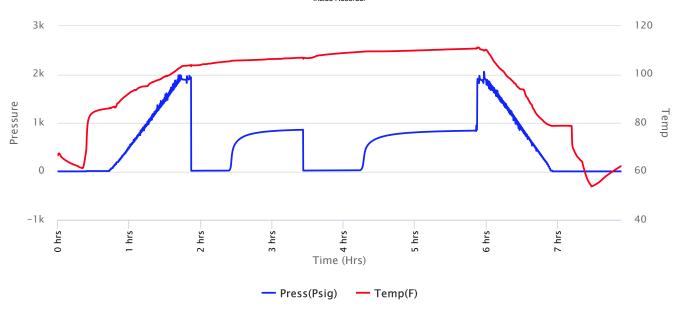
2nd Close Minutes: 90

Current Reading:

0" at 90 min

Max Reading: 0"







State: Kansas

County: LOGAN

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Recovered

BBLS Foot 6 0.06156 **Description of Fluid** MCW

Gas % 0

Oil % 0

Water % 80

Mud % 20

Total Recovered: 6 ft

Total Barrels Recovered: 0.06156

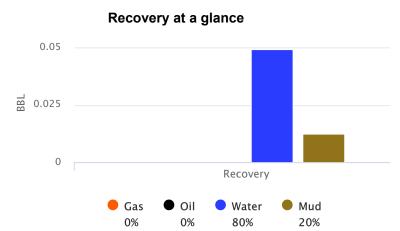
Reversed Out NO

%

Initial Hydrostatic Pressure	1891	PSI
Initial Flow	11 to 16	PSI
Initial Closed in Pressure	859	PSI
Final Flow Pressure	17 to 23	PSI
Final Closed in Pressure	841	PSI
Final Hydrostatic Pressure	1890	PSI
Temperature	111	°F

2.1

Pressure Change Initial Close / Final Close





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BUCKET MEASUREMENT:

REMARKS:

Tool Sample: 0% Gas 0% Oil 95% Water 5% Mud

Ph: 7

Measured RW: .8 @ 51 degrees °F

RW at Formation Temp: 0.392 @ 111 °F

Chlorides: 10,000 ppm



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Down Hole Makeup

Heads Up: 11.13 FT Packer 1: 3922 FT

Drill Pipe: 3905.56 FT Packer 2: 3927 FT

3932 FT

ID-3 1/4

Top Recorder: 3911.42 FT

Weight Pipe: FT

ID-2 7/8

Bottom Recorder:

Collars: 0 FT Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

Test Tool: 33.57 FT **Bottom Choke:** 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 20

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 3 FT

4 1/2-FH

Change Over: 0 FT

Drill Pipe: (in anchor): 0 FT

ID-3 1/4

Change Over: 0 FT

16 FT

4 1/2-FH

Perforations: (below):



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Mud Properties

Mud Type: Chem Weight: 9.1 Viscosity: 54 Filtrate: 7.2 Chlorides: 3000 ppm



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Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D		Time	Orifice	PSI	MCF/D
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