



Company: Raymond Oil Company, Inc
Lease: Frusher #2

SEC: 9 TWN: 21S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2288 GL
 Field Name: Sandpit North
 Pool: WILDCAT
 Job Number: 370
 API #: 15-083-21970

Operation:
 Uploading recovery & pressures

DATE
 July
30
 2019

DST #2 **Formation: Cherokee** **Test Interval: 4442 - 4478'** **Total Depth: 4478'**
 Time On: 14:37 07/30 Time Off: 01:31 07/31
 Time On Bottom: 17:16 07/30 Time Off Bottom: 21:01 07/30

Electronic Volume Estimate: 2617"

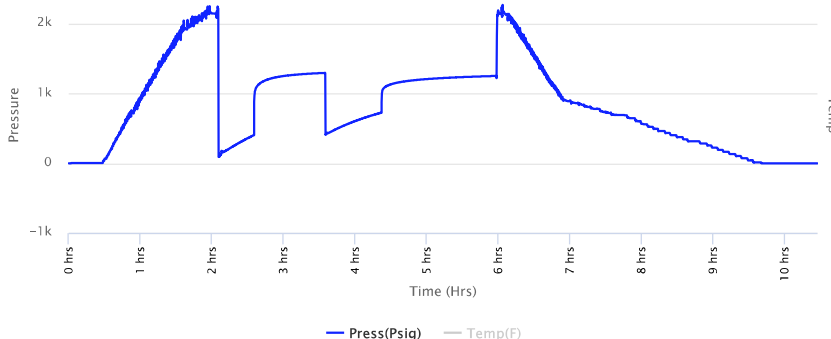
1st Open
 Minutes: 30
 Current Reading: 122.3" at 30 min
 Max Reading: 122.3"

1st Close
 Minutes: 60
 Current Reading: 13.5" at 60 min
 Max Reading: 13.7"

2nd Open
 Minutes: 45
 Current Reading: 137.9" at 45 min
 Max Reading: 137.9"

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

Inside Recorder



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Recovered

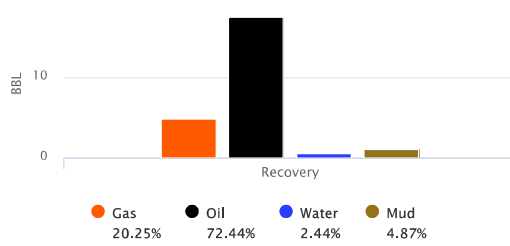
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
378	3.87828	G	100	0	0	0
1197	12.28122	O	0	100	0	0
189	1.93914	SLWCMCHOCG	30	30	15	25
380	3.8988	O	0	100	0	0
190	1.9494	SLWCGCHOCM	20	30	15	35

Total Recovered: 2334 ft
 Total Barrels Recovered: 23.94684

Reversed Out
 NO

Recovery at a glance

Initial Hydrostatic Pressure	2147	PSI
Initial Flow	96 to 406	PSI
Initial Closed in Pressure	1296	PSI
Final Flow Pressure	408 to 726	PSI
Final Closed in Pressure	1253	PSI
Final Hydrostatic Pressure	2139	PSI
Temperature	132	°F
Pressure Change Initial Close / Final Close	3.3	%



GIP cubic foot volume: 27.22977



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BUCKET MEASUREMENT:
1st Open: BOB in 5 min
1st Close: BOO in 22 min
2nd Open: BOB in 5 min
2nd Close: No Blow

REMARKS:

Tool Sample: 30% Gas 35% Oil 5% Water 30% Mud

Gravity: 34.9 @ 60 °F



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Down Hole Makeup

Heads Up: 22.62 FT	Packer 1: 4437 FT
Drill Pipe: 4432.05 FT <i>ID-3 1/4</i>	Packer 2: 4442 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 4426.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 4479 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: 36	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 35 FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/4</i>	
Change Over: FT	
Perforations: (below): FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 55 **Filtrate:** 7.8 **Chlorides:** 4500 ppm



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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D