



**Company: BlueRidge
Petroleum Corporation
Lease: Olson #1-9**

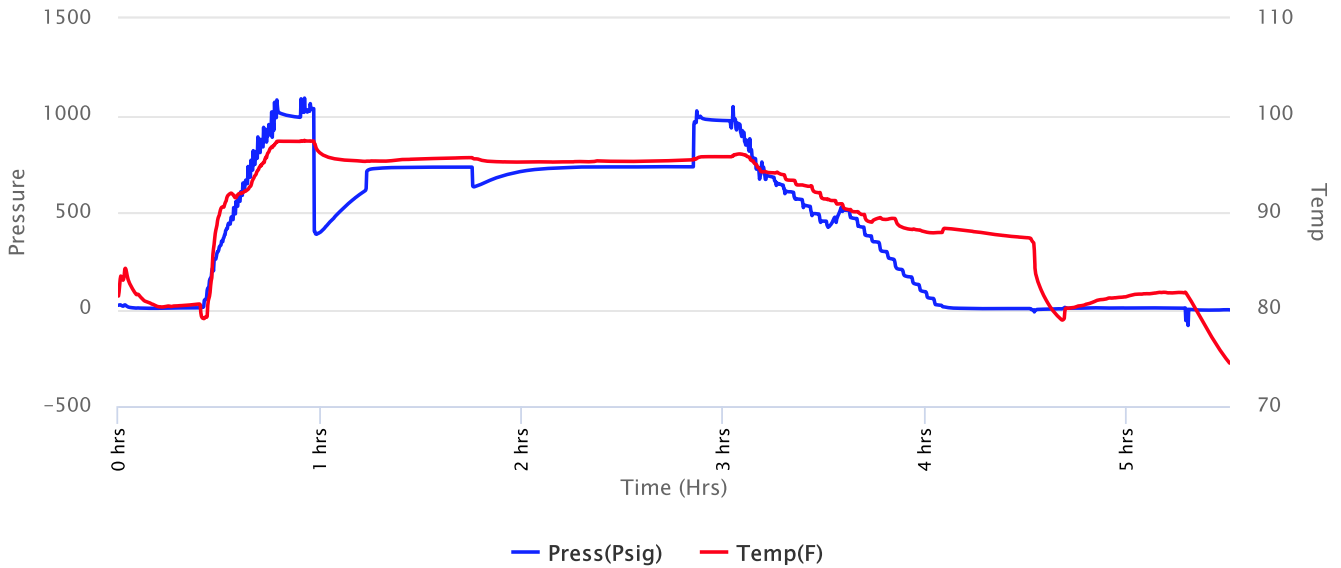
SEC: 9 TWN: 14S RNG: 8E
County: MORRIS
State: Kansas
Drilling Contractor: Discovery Drilling
Company, Inc. - Rig 2
Elevation: 1521 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 64

DATE
October
08
2017

DST #3 Formation: Simpson Test Interval: 2110 - 2142' Total Depth: 2145'

Time On: 12:08 10/08 Time Off: 17:30 10/08
Time On Bottom: 13:05 10/08 Time Off Bottom: 14:50 10/08

Electronic Volume Estimate: 1360'	<u>1st Open</u> Minutes: 15 198" at 15 min	<u>1st Close</u> Minutes: 30 0" at 30 min	<u>2nd Open</u> Minutes: 30 91" at 30 min	<u>2nd Close</u> Minutes: 30 0" at 30 min
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Recovered

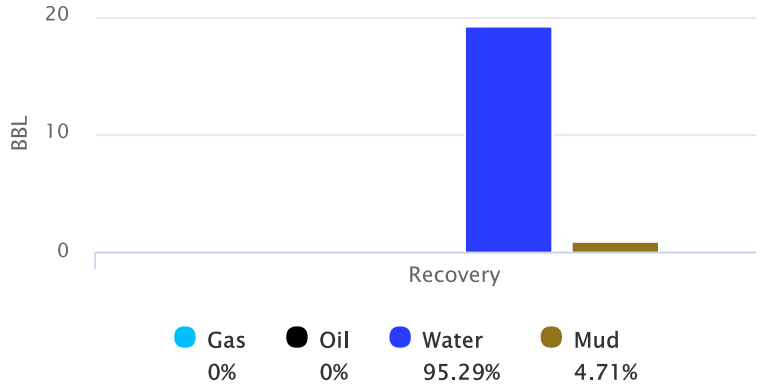
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
50	0.371	SLWCM	0	0	5	95
200	1.484	HMCW	0	0	60	40
1400	18.22631	W	0	0	100	0

Total Recovered: 1650 ft
Total Barrels Recovered: 20.08131

Reversed Out
NO

Initial Hydrostatic Pressure	991	PSI
Initial Flow	387 to 613	PSI
Initial Closed in Pressure	733	PSI
Final Flow Pressure	632 to 729	PSI
Final Closed in Pressure	735	PSI
Final Hydrostatic Pressure	991	PSI
Temperature	96	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance





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REMARKS:

Straddle test with no tailpipe or recorder, just a blank off sub and shale packer under 32' of anchor.

- 15 min Initial flow: BOB 30 seconds.
- 30 min Initial shut in: No blowback.
- 30 min Final flow: BOB 40 seconds.
- 30 min Final shut in: No blowback.

Due to amount of water recovered, I assume that the straddle packer didn't work. (no straddle recorder ran, due to not having room to run it)

Ph: 7.0

RW: .9 @ 82 degrees F

Chlorides: 6000 ppm



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Down Hole Makeup

Heads Up: 13.57 FT	Packer 1: 2105 FT
Drill Pipe: 1842 FT <i>ID-3 1/2</i>	Packer 2: 2110 FT
Weight Pipe: 249 FT <i>ID-2 7/8</i>	Packer 3: 2142 FT
Collars: FT <i>ID-2 1/4</i>	Top Recorder: 2094.42 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	Bottom Recorder: 2112 FT
Total Anchor: 32	Below Straddle Recorder: 2146 FT
<u>Anchor Makeup</u>	Well Bore Size: 7 7/8
Packer Sub: 1 FT	Surface Choke: 1"
Perforations: (top): FT <i>4 1/2-FH</i>	Bottom Choke: 5/8"
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 31 FT <i>4 1/2-FH</i>	
<u>STRADDLE</u>	
Straddle Packer(s): 1 FT	
Change Over: 3 FT	
Drill Pipe: FT <i>ID-3 1/2"</i>	
Change Over: FT	
Perforations (in tail pipe): FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.0 **Viscosity:** 45 **Filtrate:** 8.0 **Chlorides:** 1800 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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