



Company: L. D. Drilling, Inc
Lease: Eugene #2-4

SEC: 4 TWN: 18S RNG: 15W
 County: BARTON
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 1981 EGL
 Field Name: Olmitz West
 Pool: Infield
 Job Number: 109

DATE
 March
23
 2018

DST #4 Formation: Lans e-f Test Interval: 3347 - 3377' Total Depth: 3377.04'

Time On: 06:33 03/23 Time Off: 13:15 03/23
 Time On Bottom: 08:30 03/23 Time Off Bottom: 11:30 03/23

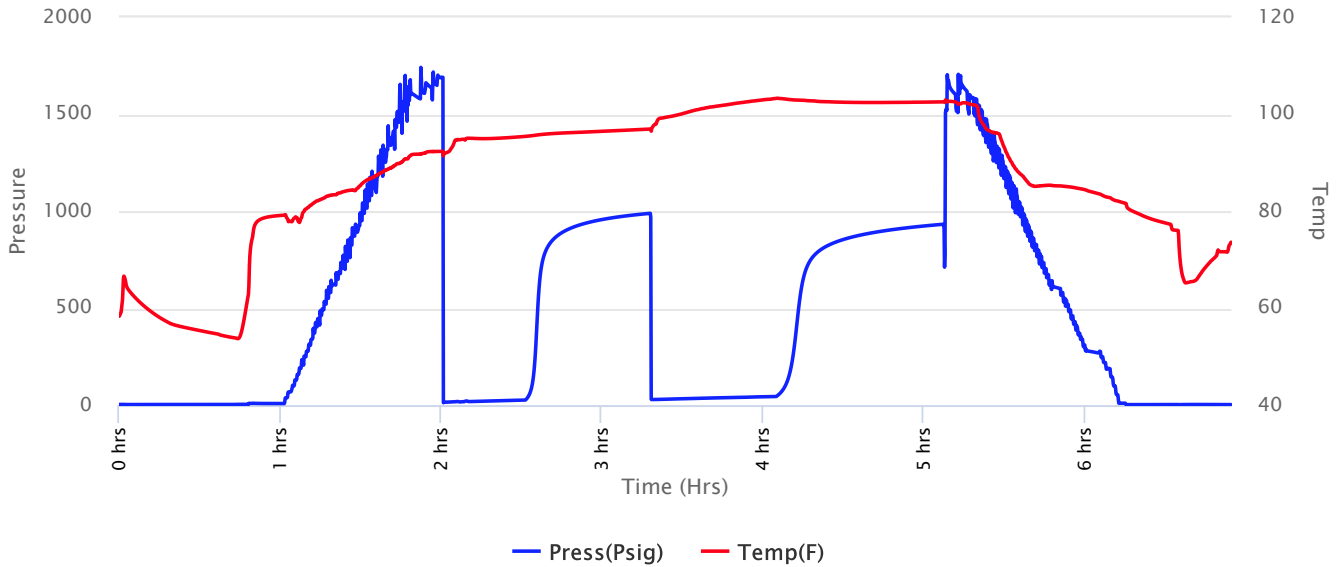
Electronic Volume Estimate:
 64'

1st Open
 Minutes: 30
 3.5" at 30 min

1st Close
 Minutes: 45
 0" at 45 min

2nd Open
 Minutes: 45
 3.75" at 45 min

2nd Close
 Minutes: 60
 0" at 60 min





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Recovered

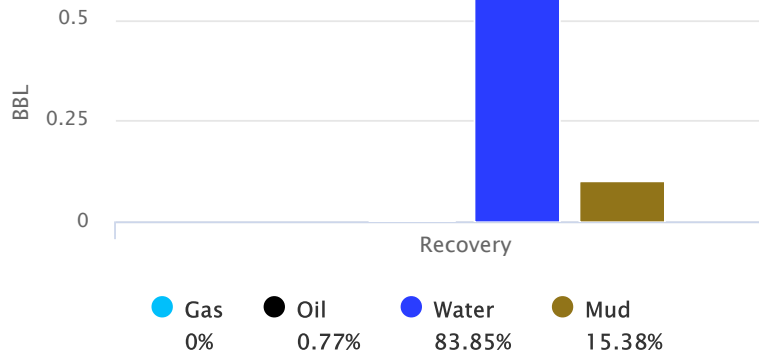
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
15	0.1539	W	0	0	100	0
50	0.513	SLOCMCW	0	1	79	20

Total Recovered: 65 ft
 Total Barrels Recovered: 0.6669

Reversed Out
 NO

Initial Hydrostatic Pressure	1634	PSI
Initial Flow	15 to 27	PSI
Initial Closed in Pressure	989	PSI
Final Flow Pressure	31 to 46	PSI
Final Closed in Pressure	934	PSI
Final Hydrostatic Pressure	1634	PSI
Temperature	104	°F
Pressure Change Initial Close / Final Close	5.6	%

Recovery at a glance





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REMARKS:

If: wsb built to 3.5 in 30min

Is: nobb

Ff: wsb built to 3.75 in 45min

Fs: nobb

TOOLSAMPLE :97W - 3M -WITH OIL SPECKS

TRACE OF OIL IN UPPER 15 FT OF RECOVERY

Ph: 7.0

RW: .28 @ 70 degrees F

Chlorides: 28000 ppm



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Down Hole Makeup

Heads Up: 24.661 FT	Packer 1: 3342.04 FT
Drill Pipe: 3339.131 FT <i>ID-3 1/4</i>	Packer 2: 3347.04 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3331.46 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 3349.04 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: 30	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 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): 29 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9 **Viscosity:** 62 **Filtrate:** 9.2 **Chlorides:** 7200 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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