



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
22
 2018

DST #3 **Formation: Lans b** **Test Interval: 3312 - 3330'** **Total Depth: 3330'**
 Time On: 14:49 03/22 Time Off: 22:18 03/22
 Time On Bottom: 17:10 03/22 Time Off Bottom: 20:10 03/22

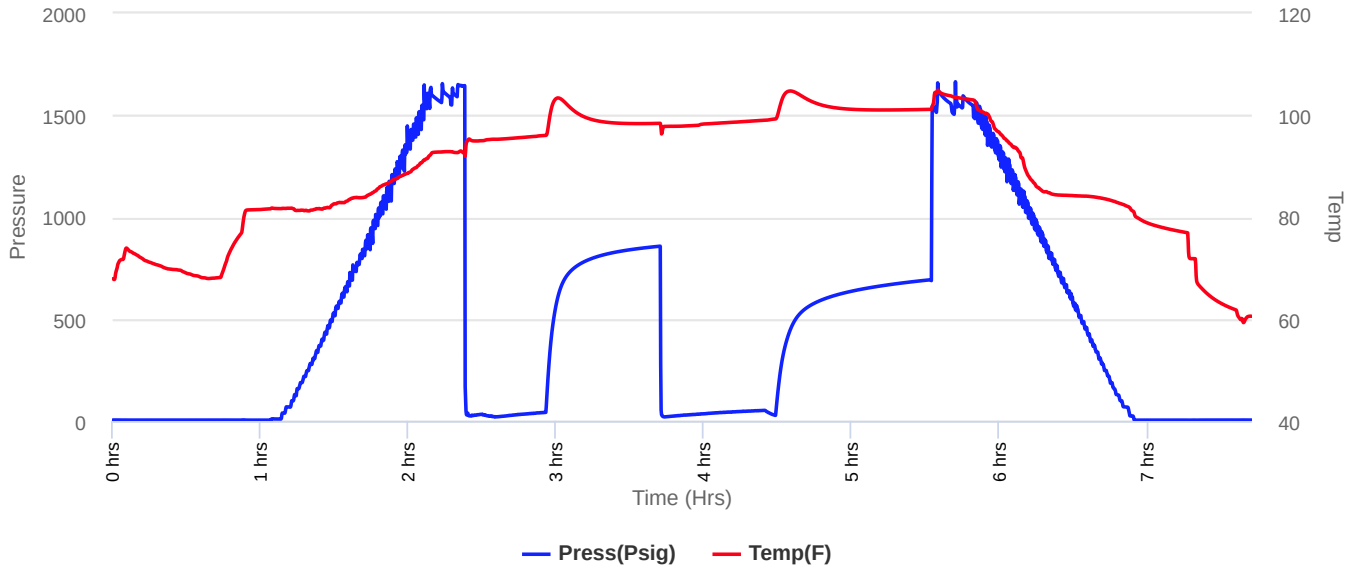
Electronic Volume Estimate:
 N/A

1st Open
 Minutes: 30
 Gaging gas" at 30 min

1st Close
 Minutes: 45
 .1" at 45 min

2nd Open
 Minutes: 45
 Gaging gas" at 45 min

2nd Close
 Minutes: 60
 0" at 60 min





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Recovered

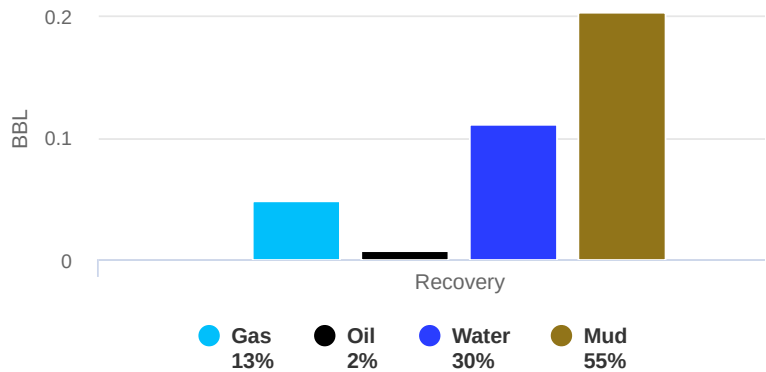
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
36	0.36936	SLOCSLGCHWCM	13	2	30	55

Total Recovered: 36 ft
 Total Barrels Recovered: 0.36936

Reversed Out
NO

Initial Hydrostatic Pressure	1645	PSI
Initial Flow	30 to 42	PSI
Initial Closed in Pressure	857	PSI
Final Flow Pressure	20 to 52	PSI
Final Closed in Pressure	692	PSI
Final Hydrostatic Pressure	1616	PSI
Temperature	105	°F
Pressure Change Initial Close / Final Close	19.3	%

Recovery at a glance





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REMARKS:

IF: bb instant
IS: wsbb
FF: bb instant
FS: NOBB

Ph: 7

RW: .31 @ 61 degrees F

Chlorides: 26000 ppm



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Down Hole Makeup

Heads Up: 28.7 FT	Packer 1: 3307 FT
Drill Pipe: 3308.13 FT <i>ID-3 1/4</i>	Packer 2: 3312 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3296.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3314 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: 18	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): 17 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.0 **Viscosity:** 62 **Filtrate:** 9.2 **Chlorides:** 7200 ppm



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Gas Volume Report

Remarks: Gts in 10 min. Gas sample taken at 22 min.

1st Open

Time	Orifice	PSI	MCF/D
15	0.0625	5.0	2.007
20	0.0625	9.0	2.793
25	0.0625	9.0	2.793
30	0.0625	9.0	2.793

2nd Open

Time	Orifice	PSI	MCF/D
5	0.0625	4.0	1.772
10	0.0625	7.5	2.516
15	0.0625	12	3.299
20	0.0625	15	3.801
25	0.0625	18	
30	0.0625	20	
35	0.0625	24	
45	0.0625	25	

