



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 #2 **Formation: lans a** **Test Interval: 3294 - 3310'** **Total Depth: 3310'**
 Time On: 03:29 03/22 Time Off: 09:10 03/22
 Time On Bottom: 05:31 03/22 Time Off Bottom: 07:31 03/22

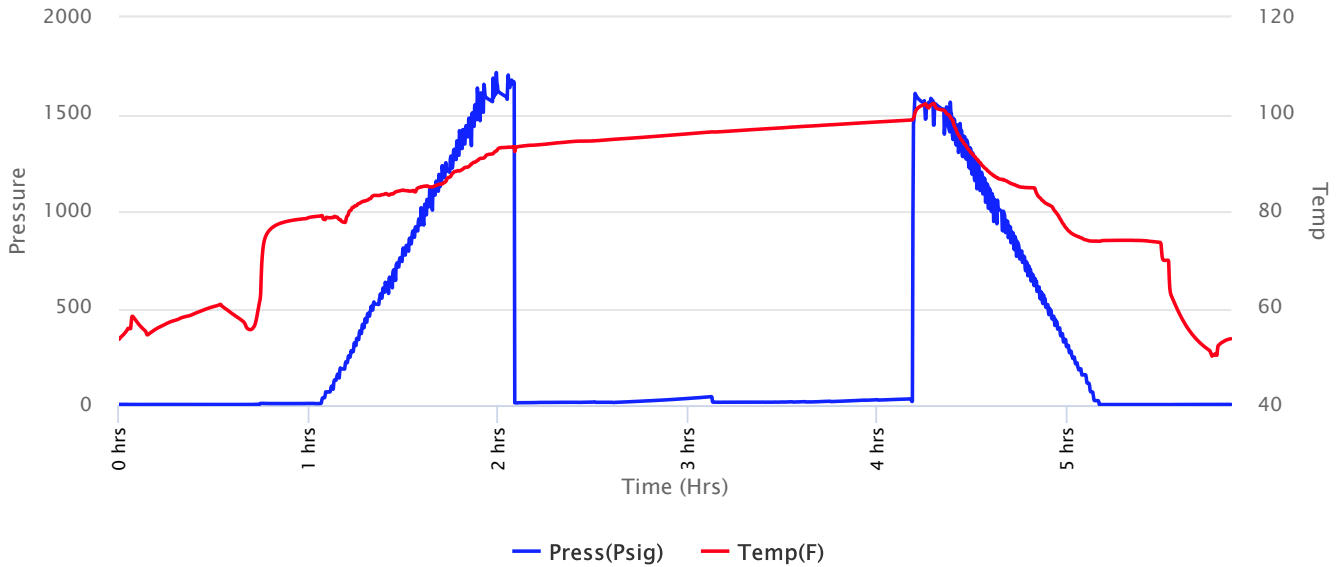
Electronic Volume Estimate:
 10'

1st Open
 Minutes: 30
 1" at 30 min

1st Close
 Minutes: 30
 0" at 30 min

2nd Open
 Minutes: 30
 .1" at 30 min

2nd Close
 Minutes: 30
 0" at 30 min





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 #2 **Formation: lans a** **Test Interval: 3294 - 3310'** **Total Depth: 3310'**
 Time On: 03:29 03/22 Time Off: 09:10 03/22
 Time On Bottom: 05:31 03/22 Time Off Bottom: 07:31 03/22

Recovered

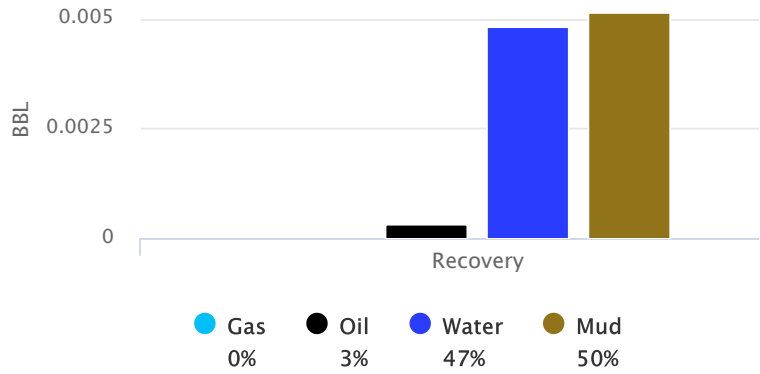
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
1	0.01026	SLOCHWCM	0	3	47	50

Total Recovered: 1 ft
 Total Barrels Recovered: 0.01026

Reversed Out
 NO

Initial Hydrostatic Pressure	1590	PSI
Initial Flow	13 to 17	PSI
Initial Closed in Pressure	45	PSI
Final Flow Pressure	18 to 18	PSI
Final Closed in Pressure	20	PSI
Final Hydrostatic Pressure	1578	PSI
Temperature	99	°F
Pressure Change Initial Close / Final Close	56.3	%

Recovery at a glance





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

<p>DATE March 22 2018</p>

DST #2 **Formation: lans a** **Test Interval: 3294 - 3310'** **Total Depth: 3310'**

Time On: 03:29 03/22

Time Off: 09:10 03/22

Time On Bottom: 05:31 03/22

Time Off Bottom: 07:31 03/22

REMARKS:

IF: wsb - built to 1"

IS: nobb

FF: wsb - no build

FS: nobb

Ph: 7

RW: .45 @ 48 degrees F

Chlorides: 23000 ppm



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 #2 **Formation: lans a** **Test Interval: 3294 - 3310'** **Total Depth: 3310'**

Time On: 03:29 03/22 Time Off: 09:10 03/22
 Time On Bottom: 05:31 03/22 Time Off Bottom: 07:31 03/22

Down Hole Makeup

Heads Up: 16.68 FT	Packer 1: 3289 FT
Drill Pipe: 3278.11 FT <i>ID-3 1/4</i>	Packer 2: 3294 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3278.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3296 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: 16	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): 15 FT <i>4 1/2-FH</i>	



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

<p>DATE March 22 2018</p>

DST #2 **Formation: lans a** **Test Interval: 3294 - 3310'** **Total Depth: 3310'**

Time On: 03:29 03/22 Time Off: 09:10 03/22
Time On Bottom: 05:31 03/22 Time Off Bottom: 07:31 03/22

Mud Properties

Mud Type: chemical **Weight:** 8.7 **Viscosity:** 72 **Filtrate:** 8.0 **Chlorides:** 3300 ppm



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 #2 **Formation: lans a** **Test Interval: 3294 - 3310'** **Total Depth: 3310'**

Time On: 03:29 03/22 Time Off: 09:10 03/22
 Time On Bottom: 05:31 03/22 Time Off Bottom: 07:31 03/22

Gas Volume Report

1st Open

2nd Open

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

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