



**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  
**24**  
 2018

**DST #6 Formation: Arbuckle Test Interval: 3500 - 3570' Total Depth: 3570'**

Time On: 20:43 03/24 Time Off: 04:28 03/25  
 Time On Bottom: 23:22 03/24 Time Off Bottom: 02:22 03/25

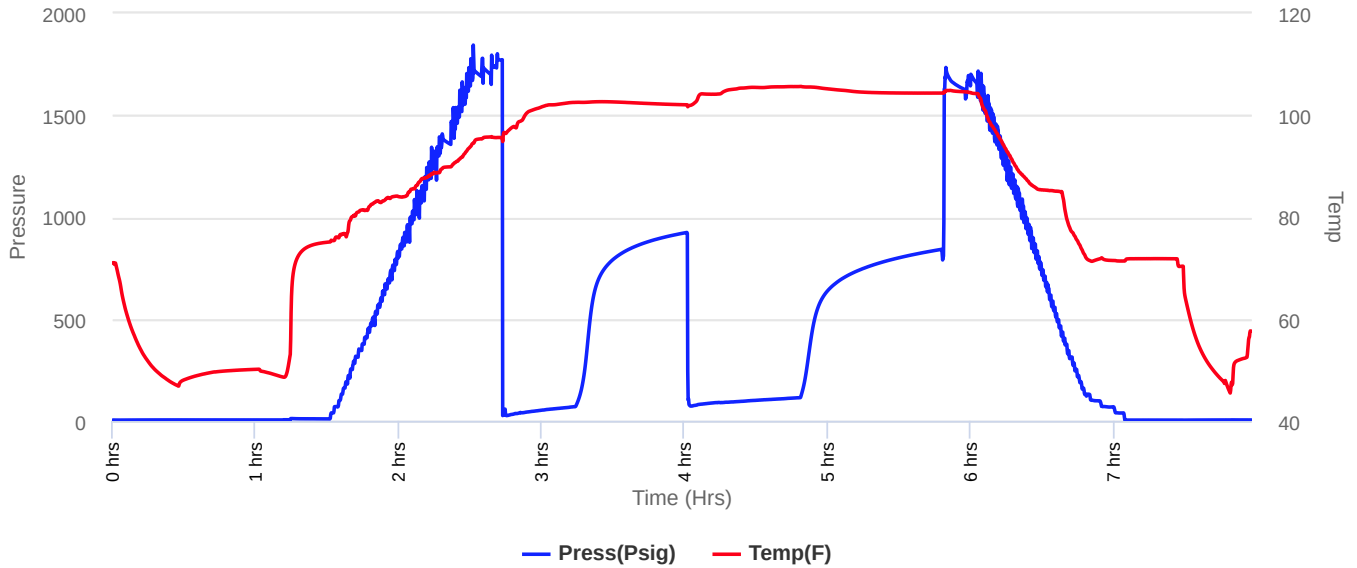
Electronic Volume Estimate:  
 564'

1st Open  
 Minutes: 30  
 25" at 30 min

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

2nd Open  
 Minutes: 45  
 38" at 45 min

2nd Close  
 Minutes: 60  
 .5" at 60 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  
**24**  
 2018

**DST #6 Formation: Arbuckle Test Interval: 3500 - 3570' Total Depth: 3570'**

Time On: 20:43 03/24 Time Off: 04:28 03/25  
 Time On Bottom: 23:22 03/24 Time Off Bottom: 02:22 03/25

Recovered

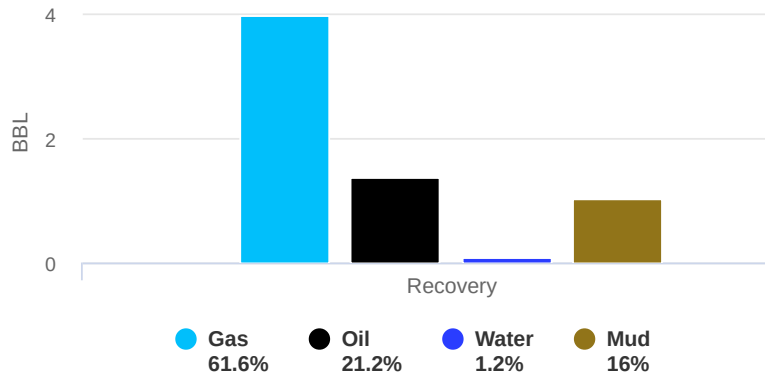
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
378	3.87828	G	100	0	0	0
252	2.58552	SLWCSLGCHMCO	4	53	3	40

Total Recovered: 630 ft  
 Total Barrels Recovered: 6.4638

Reversed Out  
 NO

Initial Hydrostatic Pressure	1732	PSI
Initial Flow	26 to 73	PSI
<b>Initial Closed in Pressure</b>	<b>925</b>	<b>PSI</b>
Final Flow Pressure	73 to 120	PSI
<b>Final Closed in Pressure</b>	<b>842</b>	<b>PSI</b>
Final Hydrostatic Pressure	1735	PSI
Temperature	106	°F
Pressure Change Initial Close / Final Close	8.9	%

**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><b>DATE</b> March <b>24</b> 2018</p>
---

**DST #6      Formation: Arbuckle      Test Interval: 3500 -      Total Depth: 3570'**  
**3570'**

Time On: 20:43 03/24

Time Off: 04:28 03/25

Time On Bottom: 23:22 03/24

Time Off Bottom: 02:22 03/25

**REMARKS:**

If: 1" Bob in 13.5 min

Is: wsb

Ff: 1" Bob in 9 min

Fs: .5 bb

tool sample: 95-o - 1w - 4m



**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><b>DATE</b>          March  <b>24</b>          2018</p>
--

**DST #6    Formation: Arbuckle    Test Interval: 3500 - 3570'    Total Depth: 3570'**

Time On: 20:43 03/24                      Time Off: 04:28 03/25  
 Time On Bottom: 23:22 03/24    Time Off Bottom: 02:22 03/25

**Down Hole Makeup**

<b>Heads Up:</b> 29.28 FT	<b>Packer 1:</b> 3495 FT
<b>Drill Pipe:</b> 3496.71 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 3500 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3484.42 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3477 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 70	<b>Surface Choke:</b> 1"
<b><u>Anchor Makeup</u></b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 2 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe: (in anchor):</b> 31 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 34 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><b>DATE</b> March <b>24</b> 2018</p>
---

**DST #6      Formation: Arbuckle      Test Interval: 3500 -      Total Depth: 3570'**  
**3570'**

Time On: 20:43 03/24      Time Off: 04:28 03/25  
Time On Bottom: 23:22 03/24      Time Off Bottom: 02:22 03/25

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.2      **Viscosity:** 48      **Filtrate:** 9.6      **Chlorides:** 8200 ppm