



**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 #5 Formation: L/KC H-K Test Interval: 3424 - 3510' Total Depth: 3510'**

Time On: 04:04 03/24 Time Off: 10:59 03/24  
 Time On Bottom: 05:45 03/24 Time Off Bottom: 08:45 03/24

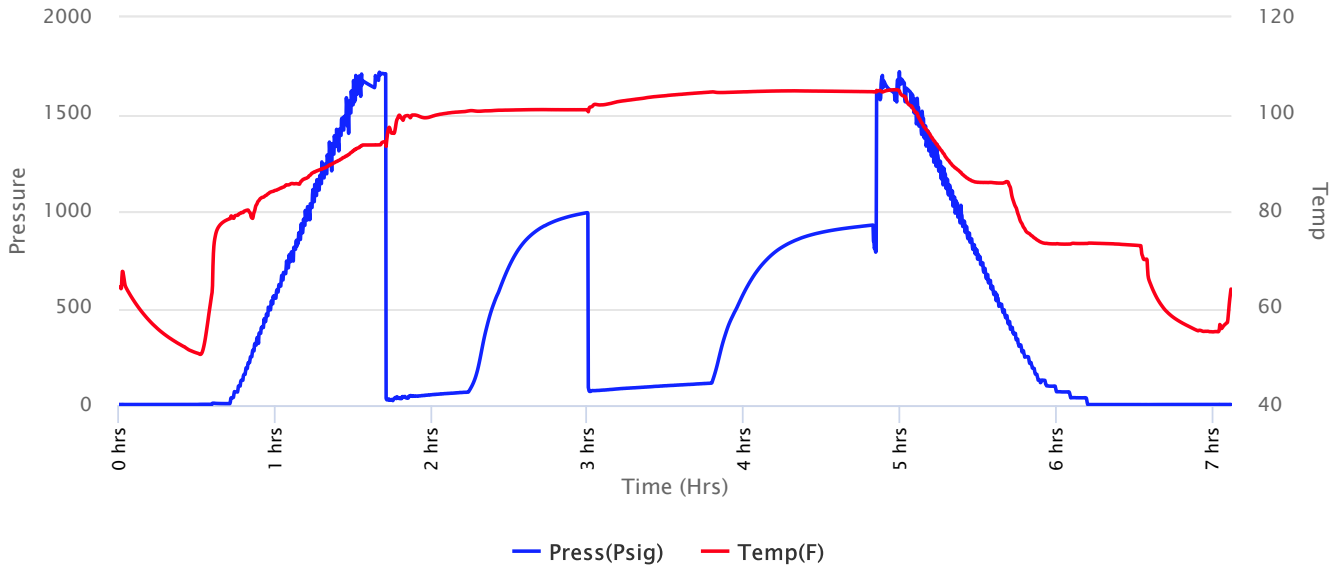
Electronic Volume Estimate:  
 1110'

1st Open  
 Minutes: 30  
 59" at 30 min

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

2nd Open  
 Minutes: 45  
 66.6" at 45 min

2nd Close  
 Minutes: 60  
 11.3" at 60 min





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Recovered

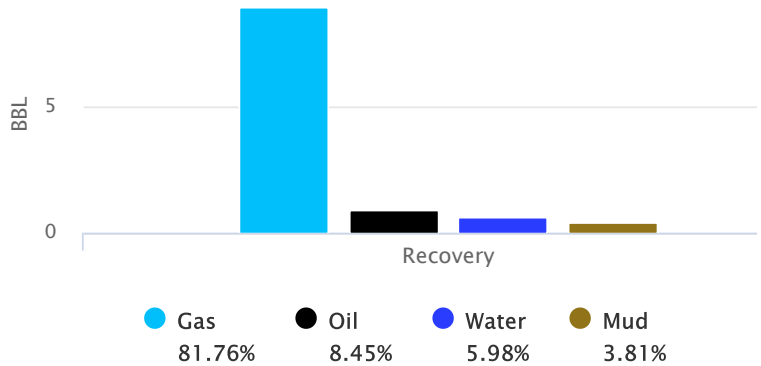
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
848	8.70048	G	100	0	0	0
172	1.76472	SLMCSLGCSLWCO	15	52	18	15
50	0.513	SLGCSLOCHMCW	2	2	66	30

Total Recovered: 1070 ft  
 Total Barrels Recovered: 10.9782

Reversed Out  
 NO

Initial Hydrostatic Pressure	1676	PSI
Initial Flow	29 to 71	PSI
<b>Initial Closed in Pressure</b>	<b>994</b>	<b>PSI</b>
Final Flow Pressure	73 to 114	PSI
<b>Final Closed in Pressure</b>	<b>929</b>	<b>PSI</b>
Final Hydrostatic Pressure	1681	PSI
Temperature	105	°F
Pressure Change Initial Close / Final Close	6.5	%

**Recovery at a glance**





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**REMARKS:**

if: 1" - b0b in 6 min

is: wsbb

ff: 4" - bob in 4 min

fs: 11.3 in 45min

tool sample: 3g-87o-6w-4m

Ph: 9

RW: .14 @ 55 degrees F

Chlorides: 70000 ppm



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**Down Hole Makeup**

<b>Heads Up:</b> 11.74 FT	<b>Packer 1:</b> 3419.13 FT
<b>Drill Pipe:</b> 3403.3 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 3424.13 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3408.55 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3492 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> 85.87	<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> 61.87 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 19 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** Chemical

**Weight:** 9.2

**Viscosity:** 56

**Filtrate:** 12

**Chlorides:** 8300 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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