



**Company: L. D. Drilling, Inc**  
**Lease: Ilene #1-2**

SEC: 2 TWN: 14S RNG: 32W  
 County: LOGAN  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 2855 EGL  
 Field Name: Maurice NE  
 Pool: Infield  
 Job Number: 205

**Operation:**  
 Test Complete

**DATE**  
 September  
**04**  
 2018

**DST #3**      **Formation: L/KC "H-J" (120'-180' Zones)**      **Test Interval: 4052 - 4126'**      **Total Depth: 4126'**  
 Time On: 14:21 09/04      Time Off: 21:51 09/04  
 Time On Bottom: 16:48 09/04      Time Off Bottom: 19:48 09/04

Electronic Volume Estimate:  
 354'

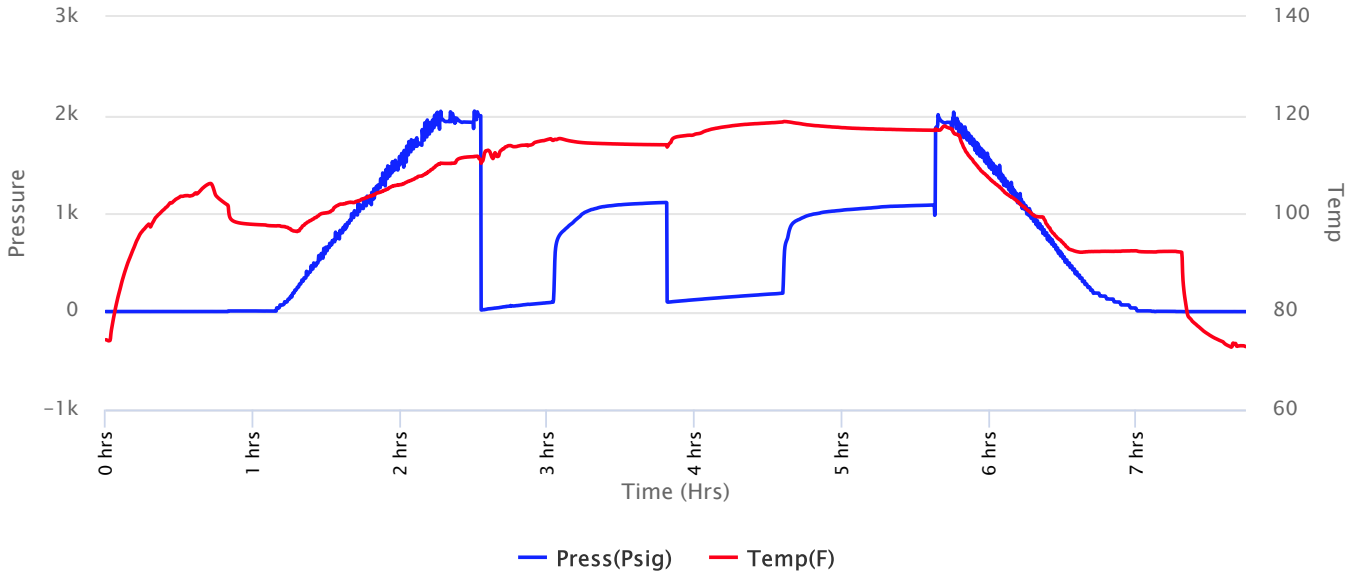
1st Open  
 Minutes: 30  
 Current Reading:  
 15.3" at 30 min  
 Max Reading: 15.3"

1st Close  
 Minutes: 45  
 Current Reading:  
 0" at 45 min  
 Max Reading: 0"

2nd Open  
 Minutes: 45  
 Current Reading:  
 18" at 45 min  
 Max Reading: 18"

2nd Close  
 Minutes: 60  
 Current Reading:  
 0" at 60 min  
 Max Reading: 0"

Inside Recorder





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Recovered

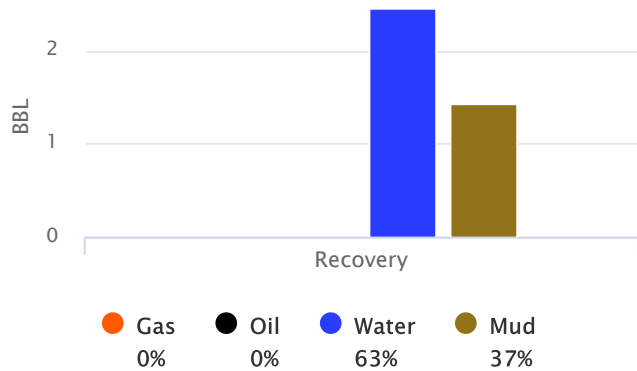
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
65	0.6669	M	0	0	0	100
63	0.64638	HWCM	0	0	50	50
126	1.29276	MCW	0	0	75	25
126	1.29276	SLMCW	0	0	90	10

Total Recovered: 380 ft  
 Total Barrels Recovered: 3.8988

**Reversed Out**  
**NO**

Initial Hydrostatic Pressure	1929	PSI
Initial Flow	15 to 94	PSI
<b>Initial Closed in Pressure</b>	<b>1107</b>	<b>PSI</b>
Final Flow Pressure	96 to 186	PSI
<b>Final Closed in Pressure</b>	<b>1083</b>	<b>PSI</b>
Final Hydrostatic Pressure	1924	PSI
Temperature	119	°F
Pressure Change Initial Close / Final Close	2.2	%

**Recovery at a glance**





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**BUCKET MEASUREMENT:**

1st Open: 1/4 in. building. BOB in 22 mins.

1st Close: No blow back.

2nd Open: Weak, surface blow building. BOB in 28 mins.

2nd Close: No blow back.

**REMARKS:**

Tool Sample: 0% Gas 0% Oil 97% Water 3% Mud

Ph: 8

Measured RW: .25 @ 80 degrees °F

RW at Formation Temp: 0.172 @ 119 °F

Chlorides: 24000 ppm



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**Down Hole Makeup**

<b>Heads Up:</b> -35.98 FT	<b>Packer 1:</b> 4047 FT
<b>Drill Pipe:</b> 3983.45 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 4052 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4036.42 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4099 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> 74	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</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> 31.5 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 38 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** Chemical      **Weight:** 8.9      **Viscosity:** 60      **Filtrate:** 8.0      **Chlorides:** 3,500 ppm