



**Company: Richlan Drilling**  
**Lease: Hillery #1**

SEC: 19 TWN: 15S RNG: 34W  
 County: LOGAN  
 State: Kansas  
 Drilling Contractor: WW Drilling, LLC - Rig 10  
 Elevation: 3136 EGL  
 Field Name: Wildcat  
 Pool: WILDCAT  
 Job Number: 167

**DATE**  
 June  
**13**  
 2018

**DST #4**      **Formation: Myrick station, fort scott**      **Test Interval: 4495 - 4560'**      **Total Depth: 4560'**  
 Time On: 08:28 06/13      Time Off: 15:11 06/13  
 Time On Bottom: 10:55 06/13      Time Off Bottom: 13:10 06/13

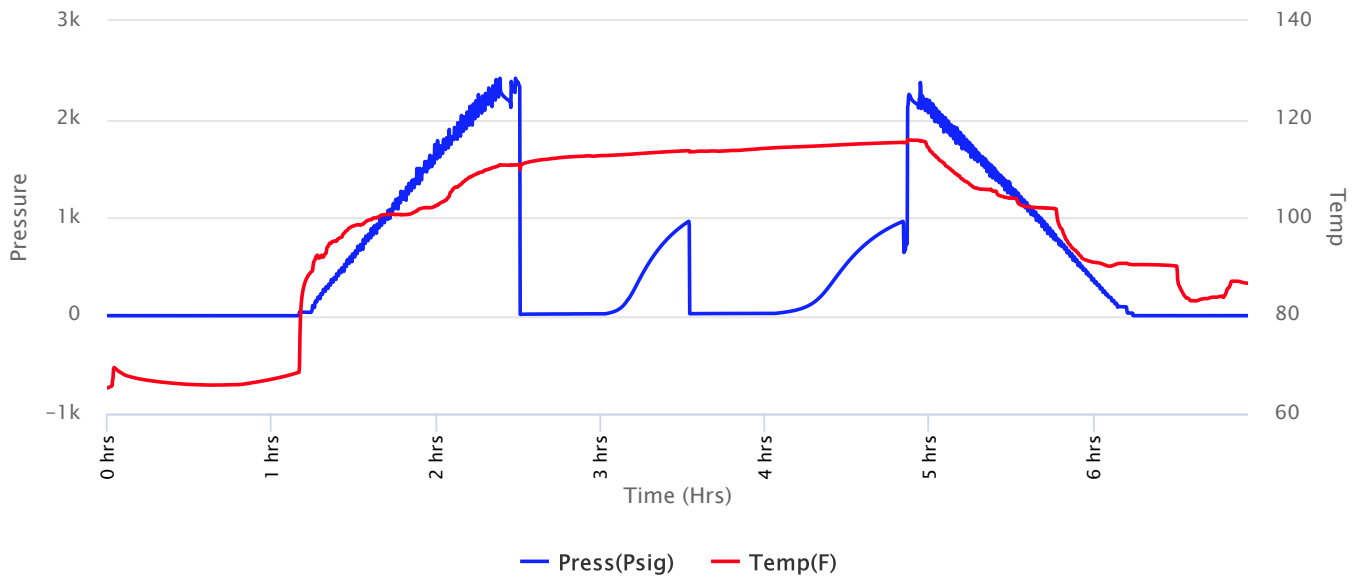
Electronic Volume Estimate:  
 3'

1st Open  
 Minutes: 30  
 .1" at 30 min

1st Close  
 Minutes: 30  
 0" at 30 min

2nd Open  
 Minutes: 30  
 0" at 30 min

2nd Close  
 Minutes: 45  
 0" at 45 min





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Recovered

<u>Foot</u>	<u>BBLs</u>
5	0.0246

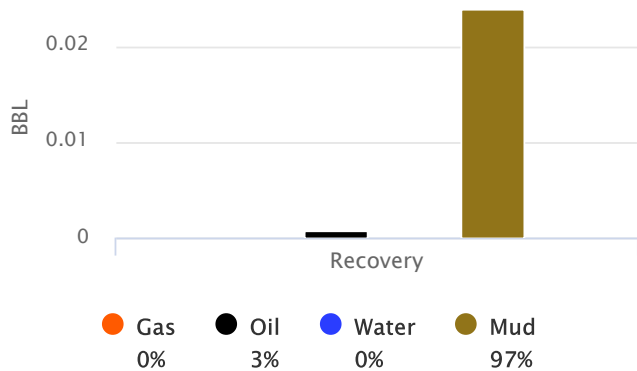
<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
SLOCM	0	3	0	97

Total Recovered: 5 ft  
 Total Barrels Recovered: 0.0246

Reversed Out  
 NO

Initial Hydrostatic Pressure	2223	PSI
Initial Flow	12 to 17	PSI
<b>Initial Closed in Pressure</b>	<b>960</b>	<b>PSI</b>
Final Flow Pressure	18 to 22	PSI
<b>Final Closed in Pressure</b>	<b>959</b>	<b>PSI</b>
Final Hydrostatic Pressure	2205	PSI
Temperature	116	°F
Pressure Change Initial Close / Final Close	0.1	%

**Recovery at a glance**





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**REMARKS:**

If:wsb no build

Ic:nobb

Ff:no blow no bluild

Fc:nobb

Tool sample: 3o - 97m



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**Down Hole Makeup**

<b>Heads Up:</b> 11.97 FT	<b>Packer 1:</b> 4490 FT
<b>Drill Pipe:</b> 4296.07 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 4495 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4479.42 FT
<b>Collars:</b> 178.33 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4533 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>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Total Anchor:** 65

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 3 FT  
*4 1/2-FH*

**Change Over:** .5 FT

**Drill Pipe: (in anchor):** 31.5 FT  
*ID-3 1/2*

**Change Over:** 1 FT

**Perforations: (below):** 28 FT  
*4 1/2-FH*



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**Mud Properties**

**Mud Type:** CHEMICAL    **Weight:** 9.2    **Viscosity:** 61    **Filtrate:** 7.2    **Chlorides:** 5000 ppm



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**Gas Volume Report**

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D

