



**Company: Mull Drilling  
Company, Inc**  
**Lease: Schmitt #1-10**

SEC: 10 TWN: 17S RNG: 32W  
County: SCOTT  
State: Kansas  
Drilling Contractor: Duke Drilling  
Company, Inc - Rig 4  
Elevation: 2988 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 338

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
May  
**01**  
2019

**DST #4**    **Formation: Johnson**    **Test Interval: 4545 - 4645'**    **Total Depth: 4645'**  
Time On: 07:47 05/01    Time Off: 13:49 05/01  
Time On Bottom: 10:17 05/01    Time Off Bottom: 11:52 05/01

Electronic Volume  
Estimate:  
19'

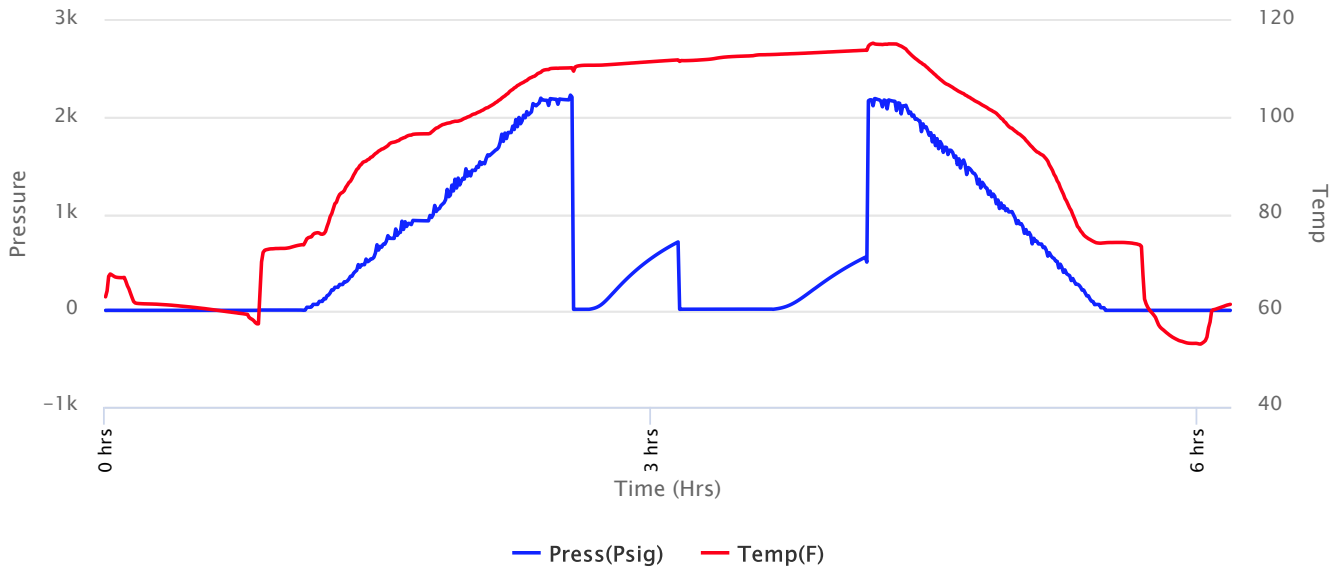
1st Open  
Minutes: 5  
Current Reading:  
1.0" at 5 min  
Max Reading: 1.0"

1st Close  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 0"

2nd Open  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: .5"

2nd Close  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 0"

Inside Recorder





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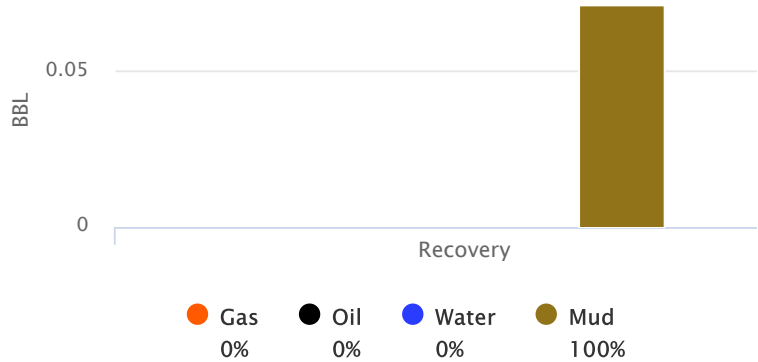
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Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
5	0.07115	M	0	0	0	100

Total Recovered: 5 ft  
Total Barrels Recovered: 0.07115

**Reversed Out  
NO**

**Recovery at a glance**



Initial Hydrostatic Pressure	2181	PSI
Initial Flow	11 to 12	PSI
<b>Initial Closed in Pressure</b>	<b>709</b>	<b>PSI</b>
Final Flow Pressure	11 to 13	PSI
<b>Final Closed in Pressure</b>	<b>551</b>	<b>PSI</b>
Final Hydrostatic Pressure	2181	PSI
Temperature	114	°F
Pressure Change Initial Close / Final Close	22.4	%

GIP cubic foot volume: 0



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**BUCKET MEASUREMENT:**

1st Open: Surface blow building to 1/2"  
1st Close: No BB  
2nd Open: Weak surface blow lasting 23 min.  
2nd Close: No BB

**REMARKS:**

Tool Sample: 0% Gas 0% Oil 0% Water 100% Mud



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**Down Hole Makeup**

<b>Heads Up:</b> 18.51 FT	<b>Packer 1:</b> 4539.71 FT
<b>Drill Pipe:</b> 4530.65 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 4544.71 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4529.13 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4613 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> 100.29	<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> 3 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe: (in anchor):</b> 61.29 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 33 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.25      **Viscosity:** 60      **Filtrate:** 7.2      **Chlorides:** 2,300 ppm



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### Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D