



# Company: Richlan Drilling Lease: Mike #1

SEC: 18 TWN: 13S RNG: 9W  
County: RICE  
State: Kansas  
Drilling Contractor: WW Drilling, LLC -  
Rig 10  
Elevation: 1739 EGL  
Field Name: Farmer North  
Pool: WILDCAT  
Job Number: 222

**Operation:**  
Test Complete

**DATE**  
September  
**02**  
2018

**DST #1    Formation: Arbuckle    Test Interval: 3175 - 3232'    Total Depth: 3232'**

Time On: 14:15 09/02    Time Off: 21:32 09/02  
Time On Bottom: 15:55 09/02    Time Off Bottom: 19:10 09/02

Electronic Volume  
Estimate:  
153'

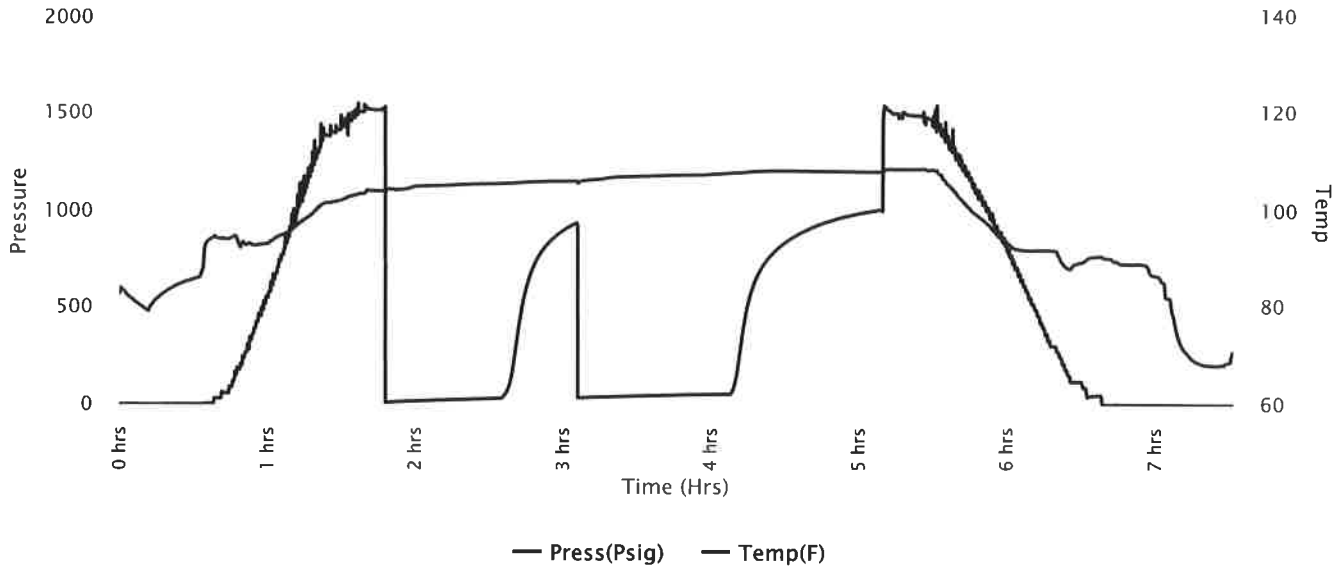
1st Open  
Minutes: 45  
Current Reading:  
4" at 45 min  
Max Reading: 4"

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

2nd Open  
Minutes: 60  
Current Reading:  
5" at 60 min  
Max Reading: 5"

2nd Close  
Minutes: 60  
Current Reading:  
.25" at 60 min  
Max Reading: .25"

Inside Recorder





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Recovered

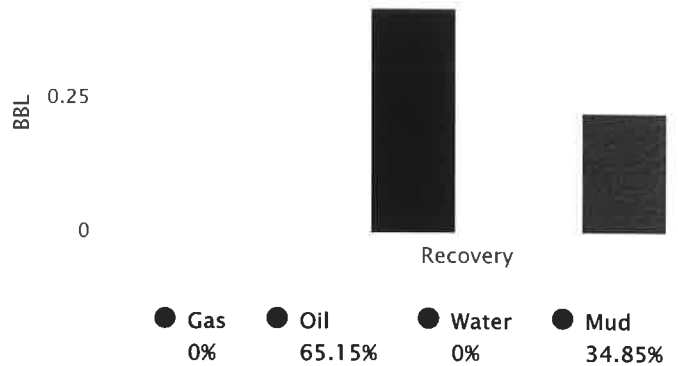
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
65	0.35704	O	0	100	0	0
60	0.2952	OCM	0	23	0	77

Total Recovered: 125 ft  
 Total Barrels Recovered: 0.65224

Reversed Out  
 NO

Initial Hydrostatic Pressure	1528	PSI
Initial Flow	14 to 37	PSI
<b>Initial Closed in Pressure</b>	<b>943</b>	<b>PSI</b>
Final Flow Pressure	40 to 60	PSI
<b>Final Closed in Pressure</b>	<b>1013</b>	<b>PSI</b>
Final Hydrostatic Pressure	1518	PSI
Temperature	109	°F
Pressure Change Initial Close / Final Close	0.0	%

**Recovery at a glance**







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**Down Hole Makeup**

<b>Heads Up:</b> 6.5499999999998 FT	<b>Packer 1:</b> 3170 FT
<b>Drill Pipe:</b> 3035.39 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3175 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3162 FT
<b>Collars:</b> 121 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3213 FT
<b>Test Tool:</b> 26.16 FT <i>ID-3 1/2-FH</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 57	<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> .5 FT	
<b>Drill Pipe: (in anchor):</b> 32 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 20 FT <i>4 1/2-FH</i>	

