



**Company: RJM Oil Company, Inc**  
**Lease: Doctor Gerald #1**

SEC: 25 TWN: 17S RNG: 12W  
 County: BARTON  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 3  
 Elevation: 1854 GL  
 Field Name: Wildcat  
 Pool: Infield  
 Job Number: 70

**DATE**  
 October  
**24**  
 2017

**DST #2**    **Formation: Lans/KC**    **Test Interval: 3200 - 3350'**    **Total Depth: 3350'**  
**"H-M"**  
 Time On: 18:50 10/24    Time Off: 00:58 10/25  
 Time On Bottom: 20:15 10/24    Time Off Bottom: 23:15 10/24

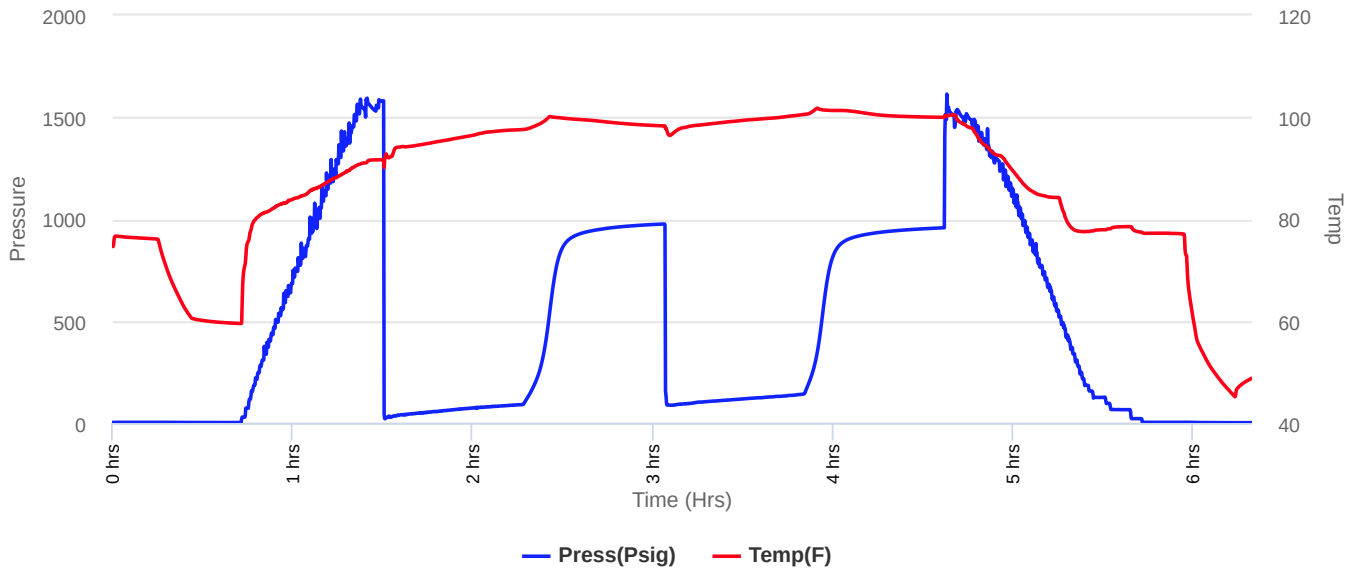
Electronic Volume Estimate:  
 N/A

1st Open  
 Minutes: 45  
 257.3" at 45 min

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

2nd Open  
 Minutes: 45  
 290.9" at 45 min

2nd Close  
 Minutes: 30  
 .5" at 30 min





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Recovered

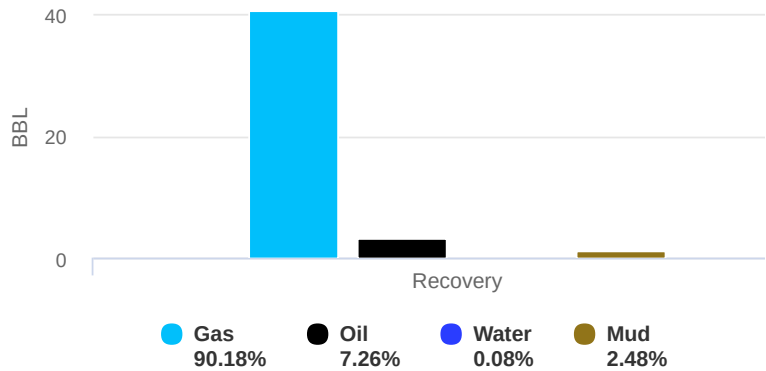
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
2860	40.6978	G	100	0	0	0
126	1.79298	HOCM	0	40	0	60
63	0.89649	O	0	100	0	0
63	0.89649	SLWCSLMCO	0	96	1	3
63	0.89649	SLMCSLWCSLGCO	5	90	3	2

Total Recovered: 3175 ft  
 Total Barrels Recovered: 45.18025

Reversed Out  
 NO

Initial Hydrostatic Pressure      1554      PSI  
 Initial Flow      25 to 92      PSI  
**Initial Closed in Pressure      971      PSI**  
 Final Flow Pressure      87 to 148      PSI  
**Final Closed in Pressure      958      PSI**  
 Final Hydrostatic Pressure      1523      PSI  
 Temperature      102      °F  
  
 Pressure Change Initial      1.4      %  
 Close / Final Close

**Recovery at a glance**





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**REMARKS:**

Initial Flow: 1 in. blow increasing. BOB in 3 mins.  
Initial Shut-in: 1/4 in. blow back.  
Final Flow: 5 in. blow increasing. BOB in 1 min. 25 secs.  
Final Shut-in: 1/2 in. blow back.

Tool Sample: 85% oil, 5% water, 10% mud

GTS 15 mins. into final shut-in.

Gravity: 36.1 @ 60 degrees F



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### Down Hole Makeup

<b>Heads Up:</b> 32.39 FT	<b>Packer 1:</b> 3195 FT
<b>Drill Pipe:</b> 3207.23 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3200 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3187 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3332 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> 150	<b>Surface Choke:</b> 1"
<u><b>Anchor Makeup</b></u>	
<b>Packer Sub:</b> 1 FT	<b>Bottom Choke:</b> 5/8"
<b>Perforations: (top):</b> 3 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe: (in anchor):</b> 125.5 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 19 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** Chemical      **Weight:** 8.8      **Viscosity:** 58      **Filtrate:** 6.4      **Chlorides:** 4,800 ppm



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**Gas Volume Report**

Remarks: GTS 15 mins. into final shut-in.

1st Open

Time	Orifice	PSI	MCF/D

2nd Open

Time	Orifice	PSI	MCF/D
45	0.0625	Too weak to measure	Weak

MCF/D