



**Company: RJM Oil Company, Inc**  
**Lease: Reif #2**

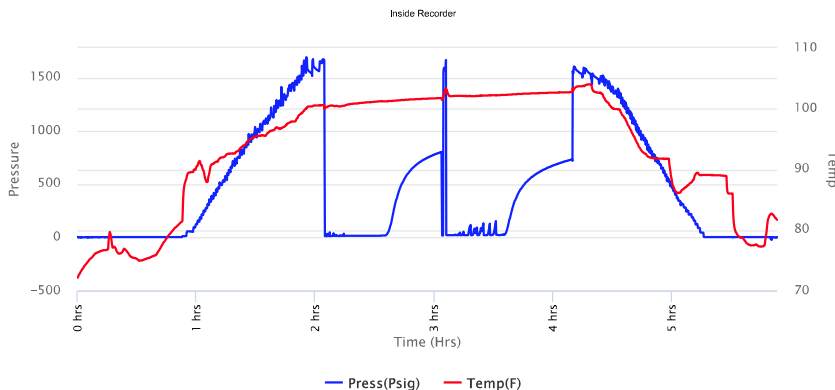
SEC: 1 TWN: 17S RNG: 12W  
 County: BARTON  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 3  
 Elevation: 1878 GL  
 Field Name: Odin East  
 Pool: Infield  
 Job Number: 395  
 API #: 15-009-26275

**Operation:**  
 Uploading recovery & pressures

**DATE**  
 September  
**25**  
 2019

**DST #2 Formation: Arbuckle Test Interval: 3294 - 3346' Total Depth: 3346'**  
 Time On: 11:00 09/25 Time Off: 16:44 09/25  
 Time On Bottom: 13:00 09/25 Time Off Bottom: 15:00 09/25

Electronic Volume Estimate: 4'	<u>1st Open</u> Minutes: 30 Current Reading: 0" at 30 min Max Reading: .5"	<u>1st Close</u> Minutes: 30 Current Reading: 0" at 30 min Max Reading: 0"	<u>2nd Open</u> Minutes: 30 Current Reading: 0" at 30 min Max Reading: 0"	<u>2nd Close</u> Minutes: 30 Current Reading: 0" at 30 min Max Reading: 0"
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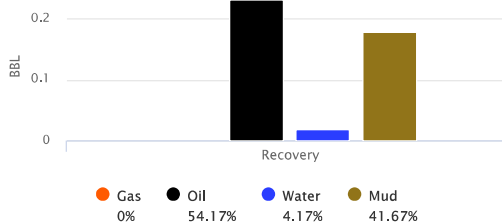
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
5	0.07115	O	0	100	0	0
25	0.35575	SLWCHOCM	0	45	5	50

Total Recovered: 30 ft  
 Total Barrels Recovered: 0.4269

Reversed Out  
**NO**

Initial Hydrostatic Pressure	1612	PSI
Initial Flow	14 to 18	PSI
<b>Initial Closed in Pressure</b>	<b>804</b>	<b>PSI</b>
Final Flow Pressure	22 to 25	PSI
<b>Final Closed in Pressure</b>	<b>733</b>	<b>PSI</b>
Final Hydrostatic Pressure	1601	PSI
Temperature	103	°F
Pressure Change Initial Close / Final Close	8.8	%

**Recovery at a glance**



GIP cubic foot volume: 0



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**BUCKET MEASUREMENT:**  
 1st Open: Built to .5  
 1st Close: No Blow  
 2nd Open: Flushed tool No Blow  
 2nd Close: No Blow

**REMARKS:**  
 Flushed tool on the 2nd open  
 Tool Sample: 0% Gas 35% Oil 5% Water 60% Mud



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**Down Hole Makeup**

<b>Heads Up:</b> 31.13 FT	<b>Packer 1:</b> 3288.78 FT
<b>Drill Pipe:</b> 3299.75 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3293.78 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3280.78 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3344 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> 52.22	<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> 15 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe: (in anchor):</b> 31.22 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 3 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.1      **Viscosity:** 55      **Filtrate:** 10.8      **Chlorides:** 7000 ppm



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**Gas Volume Report**

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D