



# Company: Ritchie Exploration, Inc.

## Lease: Ramsey Trust 15B #1

SEC: 15 TWN: 19S RNG: 31W  
 County: SCOTT  
 State: Kansas  
 Drilling Contractor: WW Drilling, LLC - Rig 12  
 Elevation: 2952 EGL  
 Field Name: Grigston SW Ext  
 Pool: Infield  
 Job Number: 358  
 API #: 15-171-21251

**Operation:**  
 Uploading recovery & pressures

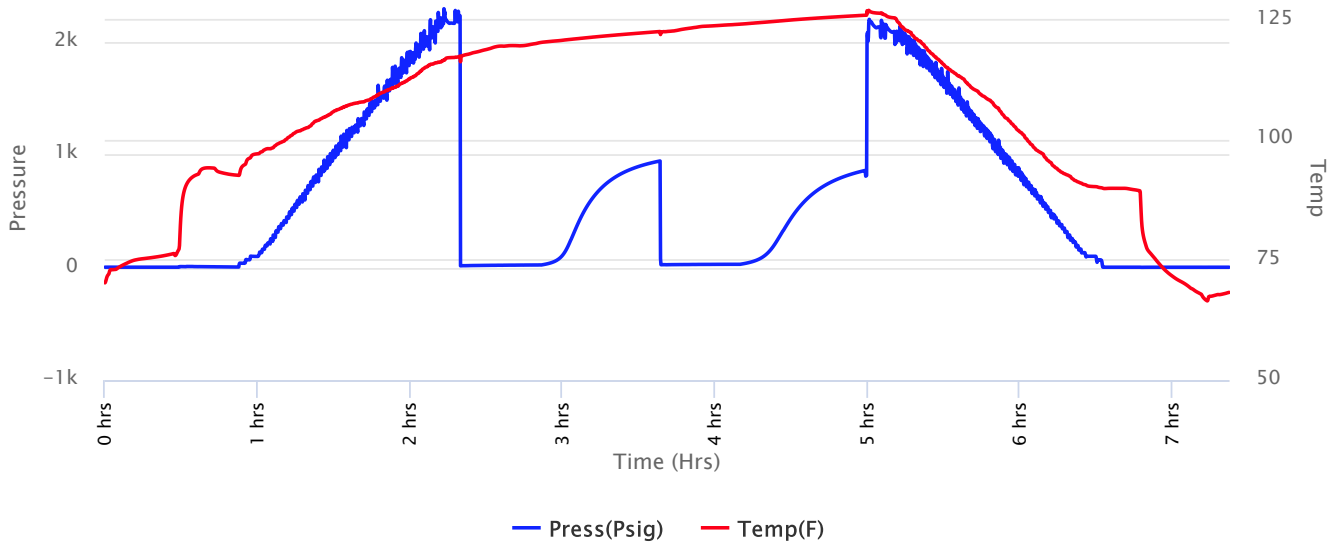
**DATE**  
 June  
**23**  
 2019

**DST #6**      **Formation:** Pawnee/MyRick/Ft.Scott      **Test Interval:** 4445 - 4512'      **Total Depth:** 4512'  
 Time On: 12:25 06/23      Time Off: 19:35 06/23  
 Time On Bottom: 14:41 06/23      Time Off Bottom: 17:11 06/23

Electronic Volume Estimate:  
 31'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 45	Minutes: 30	Minutes: 45
Current Reading: .8" at 30 min	Current Reading: .1" at 45 min	Current Reading: 0" at 30 min	Current Reading: 0" at 45 min
Max Reading: .8"	Max Reading: .1"	Max Reading: 0"	Max Reading: 0"

Inside Recorder





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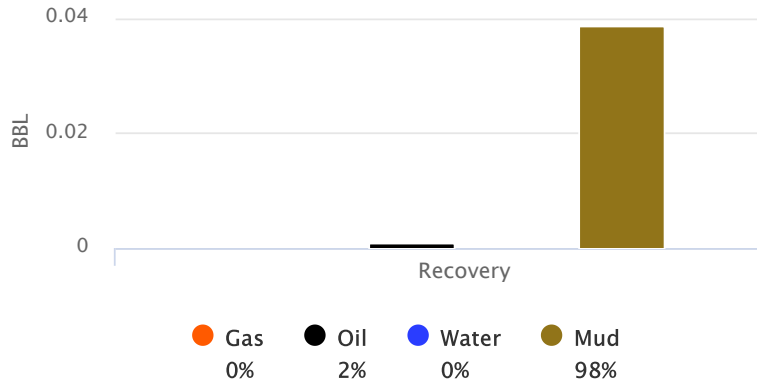
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
8	0.03936	SLOCM	0	2	0	98

Total Recovered: 8 ft  
 Total Barrels Recovered: 0.03936

Reversed Out  
 NO

Initial Hydrostatic Pressure	2160	PSI
Initial Flow	12 to 20	PSI
<b>Initial Closed in Pressure</b>	<b>941</b>	<b>PSI</b>
Final Flow Pressure	22 to 26	PSI
<b>Final Closed in Pressure</b>	<b>857</b>	<b>PSI</b>
Final Hydrostatic Pressure	2157	PSI
Temperature	126	°F
Pressure Change Initial Close / Final Close	9.0	%

Recovery at a glance



GIP cubic foot volume: 0



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**BUCKET MEASUREMENT:**

1st Open: WSB. Built to 3/4 inch in 30 mins.

1st Close: NOBB

2nd Open: No Blow

2nd Close: NOBB

**REMARKS:**

Tool Sample: 0% Gas 2% Oil 0% Water 98% Mud



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### Down Hole Makeup

<b>Heads Up:</b> 5.13 FT	<b>Packer 1:</b> 4439.96 FT
<b>Drill Pipe:</b> 4231.42 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 4444.96 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 4429.38 FT
<b>Collars:</b> 186.1 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4482 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> 67.04	<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> 2 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> .5 FT	
<b>Drill Pipe: (in anchor):</b> 31.54 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations: (below):</b> 31 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** Chem      **Weight:** 9.3      **Viscosity:** 62      **Filtrate:** 9.6      **Chlorides:** 3000 ppm



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### Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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