



**Company: JEL Resources, LLC**

**Lease: Betty Hullman Estate #1-**

**9**

SEC: 9 TWN: 22S RNG: 13W  
 County: STAFFORD  
 State: Kansas  
 Drilling Contractor: Southwind Drilling, Inc - Rig 3  
 Elevation: 1896 EGL  
 Field Name: Besthorn  
 Pool: Infield  
 Job Number: 161

**DATE**  
 May  
**23**  
 2018

**DST #2 Formation: Lansing - H Test Interval: 3510 - 3532' Total Depth: 3532'**

Time On: 15:35 05/23 Time Off: 22:18 05/23  
 Time On Bottom: 17:38 05/23 Time Off Bottom: 20:38 05/23

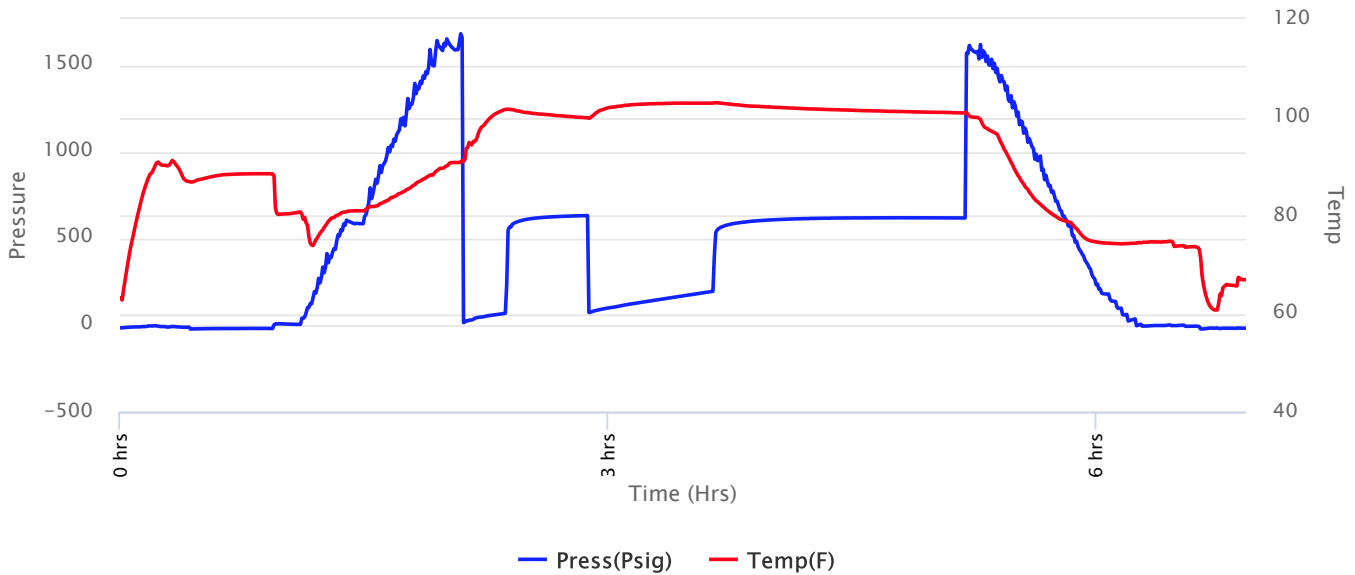
Electronic Volume Estimate:  
 521'

1st Open  
 Minutes: 15  
 16.4" at 15 min

1st Close  
 Minutes: 30  
 .7" at 30 min

2nd Open  
 Minutes: 45  
 41.4" at 45 min

2nd Close  
 Minutes: 90  
 0" at 90 min





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Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
121	1.72183	MCW (trace O)	0	.1	74.9	25
315	4.48245	SLMCSLOCW	0	2	96	2

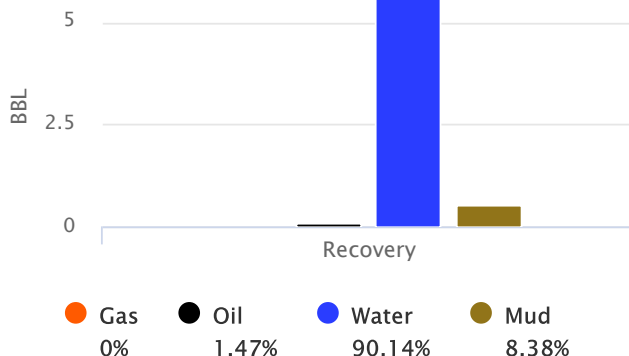
Total Recovered: 436 ft

Total Barrels Recovered: 6.20428

**Reversed Out  
NO**

Initial Hydrostatic Pressure	1622	PSI
Initial Flow	15 to 68	PSI
<b>Initial Closed in Pressure</b>	<b>633</b>	<b>PSI</b>
Final Flow Pressure	73 to 195	PSI
<b>Final Closed in Pressure</b>	<b>619</b>	<b>PSI</b>
Final Hydrostatic Pressure	1615	PSI
Temperature	103	°F
Pressure Change Initial Close / Final Close	2.2	%

**Recovery at a glance**





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**REMARKS:**

If: Bob in 10 min  
Ic: built to .7  
Ff: Bob in 11.5 min  
Fc: nobb

Tool sample: TRACE O - 99W - 1M

Ph: 6

RW: .100 @ 70 degrees F

Chlorides: 78,000 ppm



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**Down Hole Makeup**

<b>Heads Up:</b> 19.09 FT	<b>Packer 1:</b> 3505 FT
<b>Drill Pipe:</b> 3496.52 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3510 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3494.42 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3512 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 22	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"
<u>Anchor Makeup</u>	
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> FT <i>4 1/2-FH</i>	
<b>Change Over:</b> FT	
<b>Drill Pipe: (in anchor):</b> FT <i>ID-3 1/2</i>	
<b>Change Over:</b> FT	
<b>Perforations: (below):</b> 21 FT <i>4 1/2-FH</i>	



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### Mud Properties

**Mud Type:** Chemical    **Weight:** 8.5    **Viscosity:** 63    **Filtrate:** 10.2    **Chlorides:** 10,500 ppm