



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  
**24**  
2018

DST #3 Formation: Lansing I-j Test Interval: 3531 - 3571' Total Depth: 3571'

Time On: 07:27 05/24 Time Off: 14:14 05/24  
Time On Bottom: 09:26 05/24 Time Off Bottom: 11:56 05/24

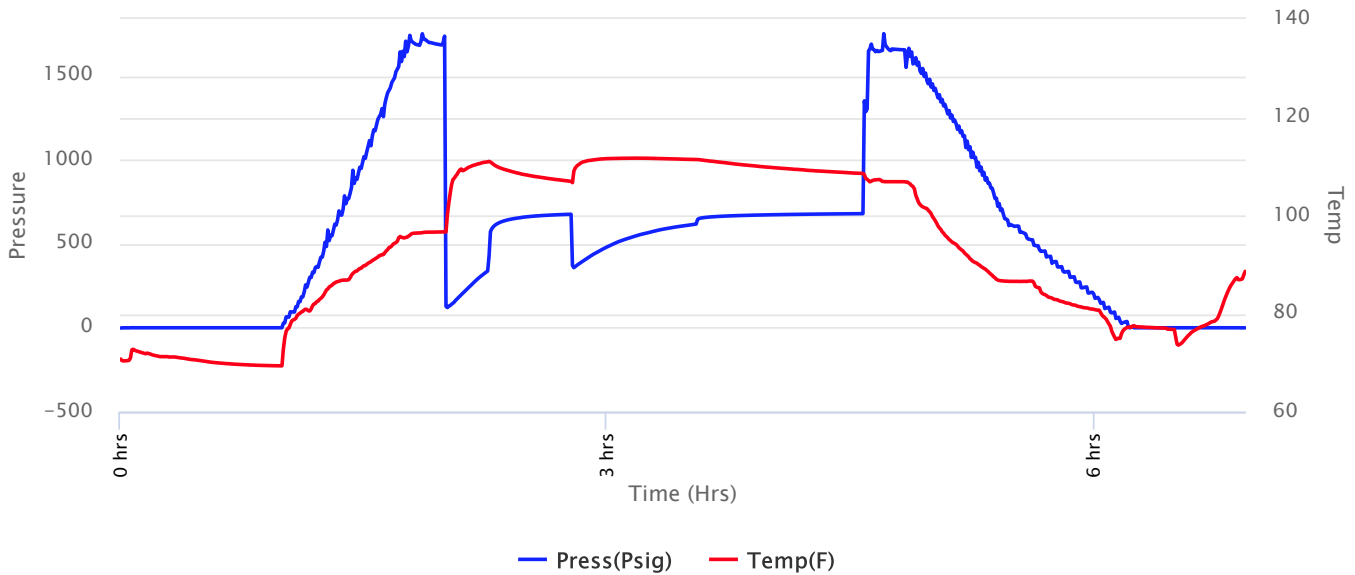
Electronic Volume Estimate: 1637'

1st Open  
Minutes: 15  
98.4" at 15 min

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

2nd Open  
Minutes: 45  
103.5" at 45 min

2nd Close  
Minutes: 60  
1.8" at 60 min





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Recovered

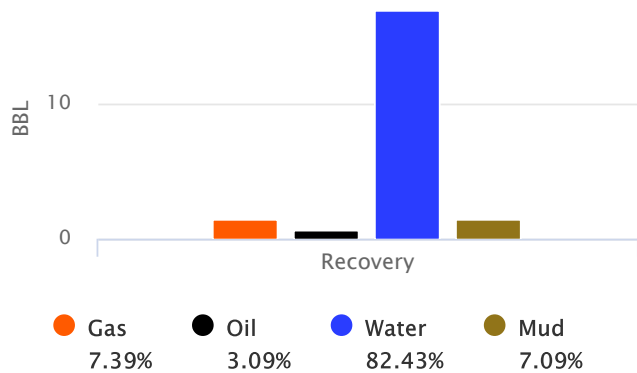
Foot	BBS	Description of Fluid	Gas %	Oil %	Water %	Mud %
63	0.89649	G	100	0	0	0
126	1.79298	SLOGCMCW	20	3	57	20
189	2.68947	SLOCSLGCMLCW	10	3	72	15
315	4.48245	SLOCSLMCW	0	2	88	10
126	1.79298	SLMCSLOCW	0	8	88	4
630	8.9649	SLMCSLOCW	0	3	95	2

Total Recovered: 1449 ft

Total Barrels Recovered: 20.61927

Reversed Out  
 NO

**Recovery at a glance**



Initial Hydrostatic Pressure	1698	PSI
Initial Flow	129 to 339	PSI
<b>Initial Closed in Pressure</b>	<b>678</b>	<b>PSI</b>
Final Flow Pressure	360 to 620	PSI
<b>Final Closed in Pressure</b>	<b>682</b>	<b>PSI</b>
Final Hydrostatic Pressure	1694	PSI
Temperature	112	°F
Pressure Change Initial Close / Final Close	0.0	%



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<b>DST #3</b>	<b>Formation: Lansing</b>	<b>Test Interval: 3531 -</b>	<b>Total Depth: 3571'</b>
	<b>l-j</b>	<b>3571'</b>	
	Time On: 07:27 05/24	Time Off: 14:14 05/24	
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**REMARKS:**

Hit bridge 45ft from bottom

If: Bob in 1min  
Ic: wsb no build  
Ff: Bob in 2min  
Fc: wsb built to 1.8

Tool sample: 3o - 96w -1m

Ph: 7

RW: .99 @ 79 degrees F

Chlorides: 70000 ppm



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**DST #3**

**Formation: Lansing  
I-j**

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3571'**

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### Down Hole Makeup

**Heads Up:** 29.28 FT

**Packer 1:** 3526 FT

**Drill Pipe:** 3527.71 FT  
*ID-3 1/2*

**Packer 2:** 3531 FT

**Weight Pipe:** FT  
*ID-2 7/8*

**Top Recorder:** 3515.42 FT

**Collars:** FT  
*ID-2 1/4*

**Bottom Recorder:** 3532.5 FT

**Test Tool:** 33.57 FT  
*ID-3 1/2-FH  
Jars  
Safety Joint*

**Well Bore Size:** 7 7/8

**Surface Choke:** 1"

**Bottom Choke:** 5/8"

**Total Anchor:** 40

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** FT  
*4 1/2-FH*

**Change Over:** FT

**Drill Pipe: (in anchor):** FT  
*ID-3 1/2*

**Change Over:** FT

**Perforations: (below):** 39 FT  
*4 1/2-FH*



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**Mud Properties**

**Mud Type:** Chemical

**Weight:** 8.5

**Viscosity:** 63

**Filtrate:** 10.2

**Chlorides:** 10500 ppm