



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: 1904 KB
 Field Name: Besthorn
 Pool: Infield
 Job Number: 161

DATE
 May
25
 2018

DST #5 Formation: Arbuckle Test Interval: 3724 - 3786' Total Depth: 3786'

Time On: 22:44 05/25 Time Off: 06:15 05/26
 Time On Bottom: 01:13 05/26 Time Off Bottom: 04:15 05/26

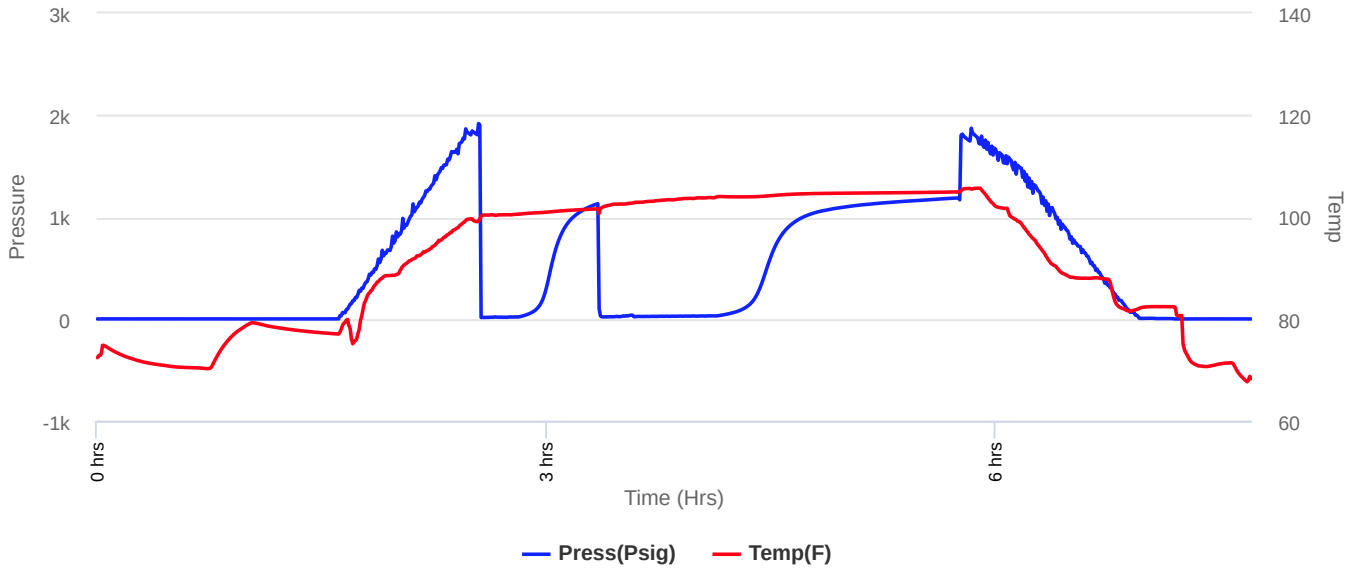
Electronic Volume Estimate:
 59'

1st Open
 Minutes: 15
 2.0" at 15 min

1st Close
 Minutes: 30
 0" at 30 min

2nd Open
 Minutes: 45
 4.0" at 45 min

2nd Close
 Minutes: 90
 0" at 90 min





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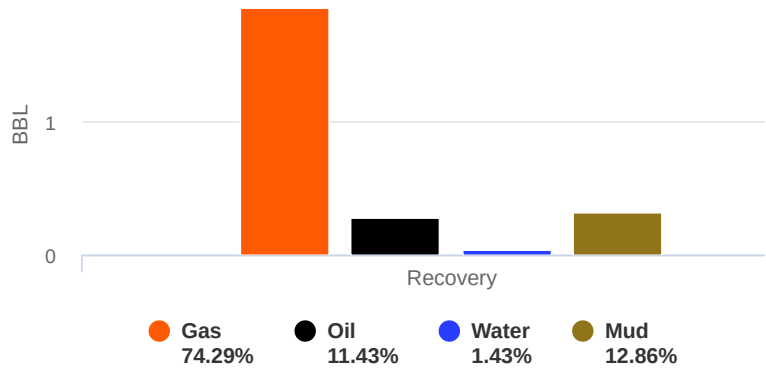
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
125	1.77875	G	100	0	0	0
50	0.7115	SLWCSLGCHOCM	10	40	5	45

Total Recovered: 175 ft
 Total Barrels Recovered: 2.49025

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	1817	PSI
Initial Flow	15 to 20	PSI
Initial Closed in Pressure	1132	PSI
Final Flow Pressure	21 to 31	PSI
Final Closed in Pressure	1188	PSI
Final Hydrostatic Pressure	1815	PSI
Temperature	105	°F
Pressure Change Initial Close / Final Close	0.0	%



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REMARKS:

Initial Flow: blow buildt 2.0" in 30 mins.
Initial Shut-in: No blow back.
Final Flow: blow built to 4.0" in 30 mins.
Final Shut-in: No blow back.

Tool Sample= WOCM 5%W 45%O 50%M



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Down Hole Makeup

Heads Up: 24.93 FT	Packer 1: 3719 FT
Drill Pipe: 3716.36 FT <i>ID-3 1/2</i>	Packer 2: 3724 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 3708.42 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 1 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 62	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 20 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 31 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 9 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical

Weight: 9.2

Viscosity: 56

Filtrate: 12.8

Chlorides: 12,200 ppm