



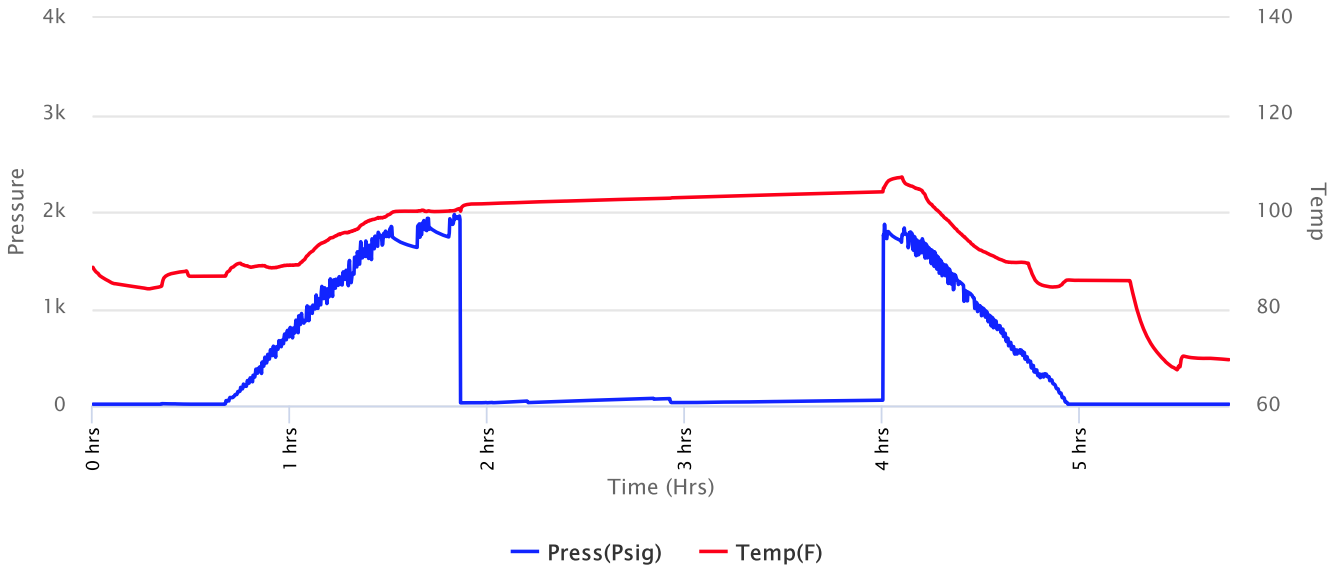
Company: L. D. Drilling, Inc
Lease: Dawn Nell #1-18

SEC: 18 TWN: 22S RNG: 12W
 County: STAFFORD
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 1879 EGL
 Field Name: Drach
 Pool: WILDCAT
 Job Number: 48

DATE
 August
24
 2017

DST #4 **Formation: Simpson Sand** **Test Interval: 3617 - 3660'** **Total Depth: 3660'**
 Time On: 19:11 08/23 Time Off: 00:46 08/24
 Time On Bottom: 20:59 08/23 Time Off Bottom: 20:59 08/24

Electronic Volume Estimate:	<u>1st Open</u> Minutes: 30	1st Close Minutes: 30	<u>2nd Open</u> Minutes: 30	2nd Close Minutes: 30
5'	.5" at 30 min	0" at 30 min	0" at 30 min	0" at 30 min





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Recovered

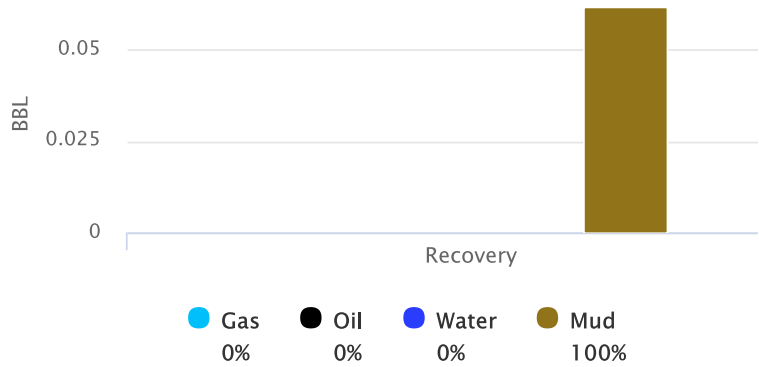
<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
6	0.06156	M	0	0	0	100

Total Recovered: 6 ft
 Total Barrels Recovered: 0.06156

Reversed Out
 NO

Initial Hydrostatic Pressure	1632	PSI
Initial Flow	28 to 52	PSI
Initial Closed in Pressure	72	PSI
Final Flow Pressure	31 to 42	PSI
Final Closed in Pressure	56	PSI
Final Hydrostatic Pressure	1726	PSI
Temperature	105	°F
Pressure Change Initial Close / Final Close	22.8	%

Recovery at a glance





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Down Hole Makeup

Heads Up: 8.44 FT	Packer 1: 3612 FT
Drill Pipe: 3592.87 FT <i>ID-3 1/4</i>	Packer 2: 3617 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3601.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3621 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: 43	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 2 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/4</i>	
Change Over: 0 FT	
Perforations: (below): 40 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chem **Weight:** 9.4 **Viscosity:** 55 **Filtrate:** 9.6 **Chlorides:** 8000 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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