



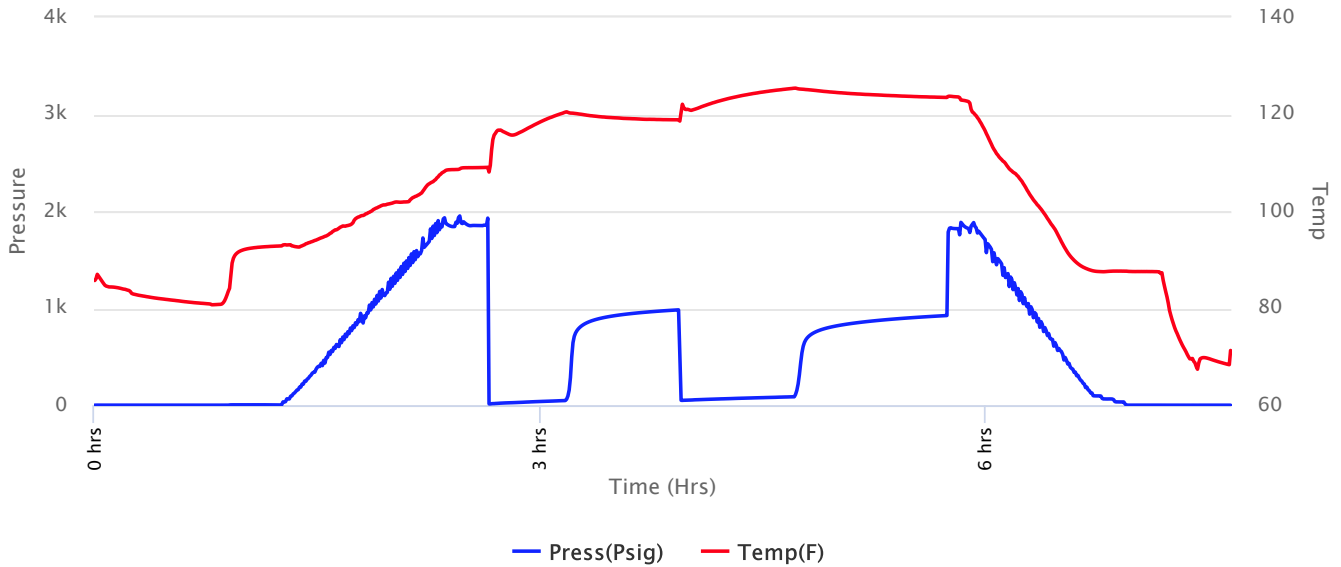
Company: L. D. Drilling, Inc
Lease: Weeks #1-11

SEC: 11 TWN: 9S RNG: 28W
 County: SHERIDAN
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2703 EGL
 Field Name: Solomon Fork
 Pool: Infield
 Job Number: 142

DATE
 May
08
 2018

DST #4 **Formation: Lansing "D"** **Test Interval: 3868 - 3880'** **Total Depth: 3880'**
 Time On: 20:35 05/08 Time Off: 04:01 05/09
 Time On Bottom: 23:10 05/08 Time Off Bottom: 02:10 05/09

Electronic Volume Estimate: 503'	<u>1st Open</u> Minutes: 30 24.0" at 30 min	<u>1st Close</u> Minutes: 45 0" at 45 min	<u>2nd Open</u> Minutes: 45 26.0" at 45 min	<u>2nd Close</u> Minutes: 60 0" at 60 min
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Recovered

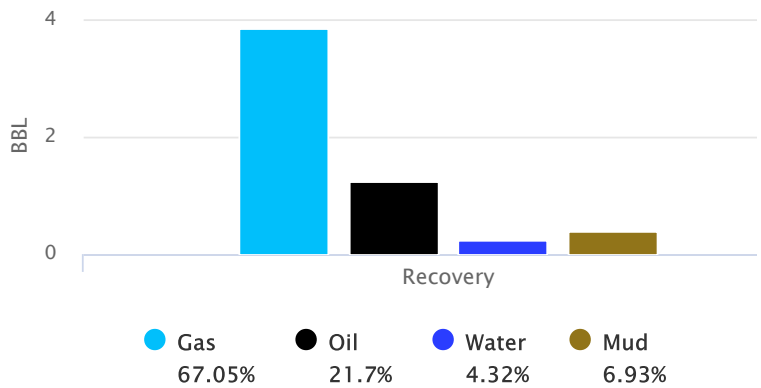
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
370	3.7962	G	100	0	0	0
110	1.1286	SLGCO	3	97	0	0
20	0.2052	SLGCSLWCHMCO	5	38	19	38
60	0.6156	SLGCSLOCHWCM	2	12	34	52

Total Recovered: 560 ft
 Total Barrels Recovered: 5.7456

Reversed Out
 NO

Initial Hydrostatic Pressure	1855	PSI
Initial Flow	14 to 49	PSI
Initial Closed in Pressure	984	PSI
Final Flow Pressure	51 to 87	PSI
Final Closed in Pressure	925	PSI
Final Hydrostatic Pressure	1854	PSI
Temperature	126	°F
Pressure Change Initial Close / Final Close	5.9	%

Recovery at a glance





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REMARKS:

IF: BOB 14 min.
ISI: No BB
FF: BOB 18 min.
FSI: No BB

TOOL SAPMPLE: 42% OIL, 26% WATER, 285 MUD

Gravity: 35.1 @ 60 degrees F

Ph: 7.5

RW: .26 @ 64 degrees F

Chlorides: 27,000 ppm



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Down Hole Makeup

Heads Up: 3.91 FT	Packer 1: 3863 FT
Drill Pipe: 3839.34 FT	Packer 2: 3868 FT
<i>ID-3 1/4</i>	Top Recorder: 3852.42 FT
Weight Pipe: 0 FT	Bottom Recorder: 3870 FT
<i>ID-2 7/8</i>	Well Bore Size: 7 7/8
Collars: 0 FT	Surface Choke: 1"
<i>ID-2 1/4</i>	Bottom Choke: 5/8"
Test Tool: 33.57 FT	
<i>ID-3 1/2-FH</i>	
<i>Jars</i>	
<i>Safety Joint</i>	
Total Anchor: 12	
<u>Anchor Makeup</u>	
Packer Sub: 1 FT	
Perforations: (top): 0 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): 11 FT	
<i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.0 **Viscosity:** 47 **Filtrate:** 6.2 **Chlorides:** 1,700 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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