



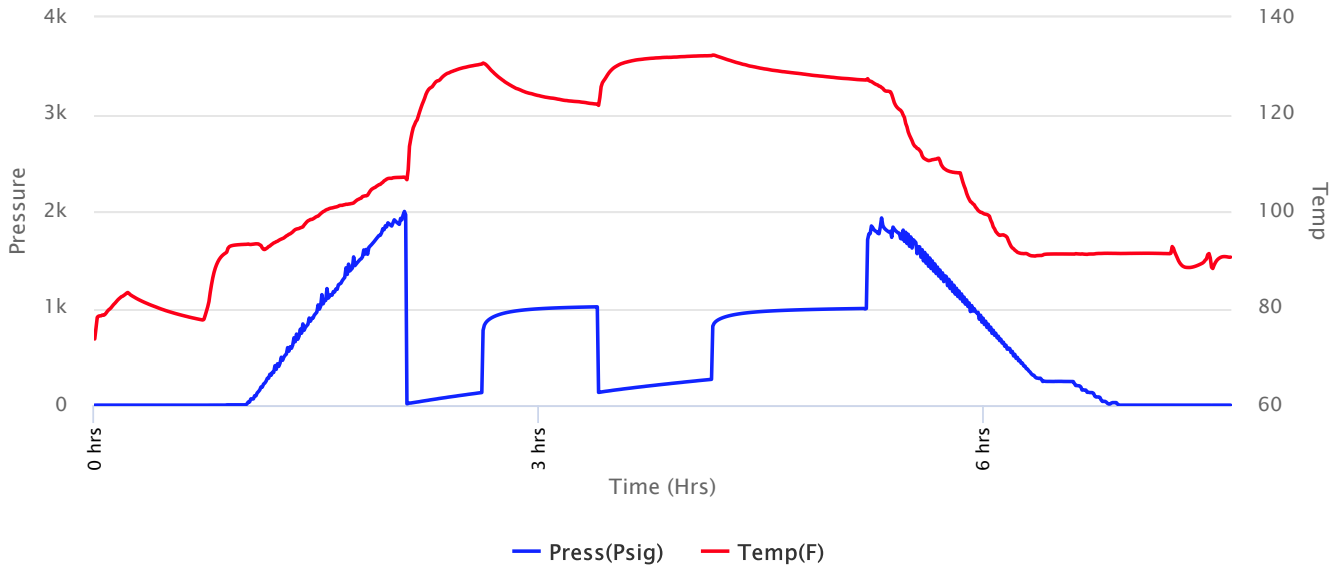
**Company: L. D. Drilling, Inc**  
**Lease: Weeks #1-11**

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  
**09**  
 2018

**DST #5**      **Formation: LKC "E-F"**      **Test Interval: 3893 - 3908'**      **Total Depth: 3908'**  
 Time On: 10:20 05/09      Time Off: 17:47 05/09  
 Time On Bottom: 12:23 05/09      Time Off Bottom: 15:23 05/09

Electronic Volume Estimate: 588'	<u>1st Open</u> Minutes: 30 26.2" at 30 min	<u>1st Close</u> Minutes: 45 0" at 45 min	<u>2nd Open</u> Minutes: 45 32.0" at 45 min	<u>2nd Close</u> Minutes: 60 0" at 60 min
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Recovered

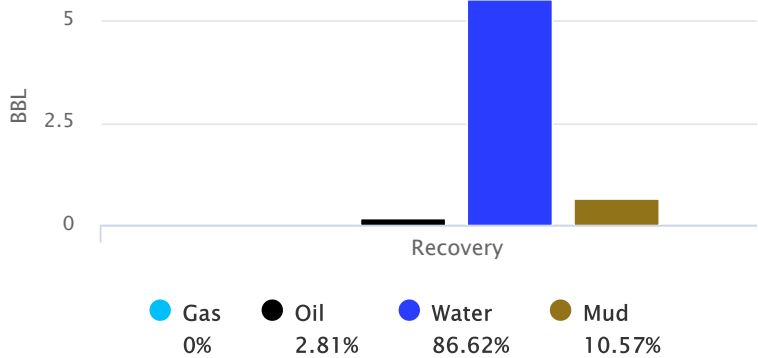
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.1026	O	0	100	0	0
175	1.7955	SLOCHMCW	0	3	67	30
435	4.4631	SLMCW (trace O)	0	.5	96.5	3

Total Recovered: 620 ft  
 Total Barrels Recovered: 6.3612

Reversed Out  
 NO

Initial Hydrostatic Pressure	1866	PSI
Initial Flow	16 to 131	PSI
<b>Initial Closed in Pressure</b>	<b>1015</b>	<b>PSI</b>
Final Flow Pressure	133 to 268	PSI
<b>Final Closed in Pressure</b>	<b>998</b>	<b>PSI</b>
Final Hydrostatic Pressure	1853	PSI
Temperature	133	°F
Pressure Change Initial Close / Final Close	1.7	%

**Recovery at a glance**







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**Down Hole Makeup**

<b>Heads Up:</b> 10.36 FT	<b>Packer 1:</b> 3888 FT
<b>Drill Pipe:</b> 3870.79 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 3893 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3877.42 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3895 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 15	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 0 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 0 FT	
<b>Drill Pipe: (in anchor):</b> 0 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> 0 FT	
<b>Perforations: (below):</b> 14 FT <i>4 1/2-FH</i>	



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**DST #5**      **Formation: LKC "E-  
F"**      **Test Interval: 3893 -  
3908'**      **Total Depth: 3908'**

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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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