



Company: L. D. Drilling, Inc
Lease: Pechanec Farms LLC
OWWO #1

Mobile: 620-388-6333
 Email: venters.dtlc@gmail.com

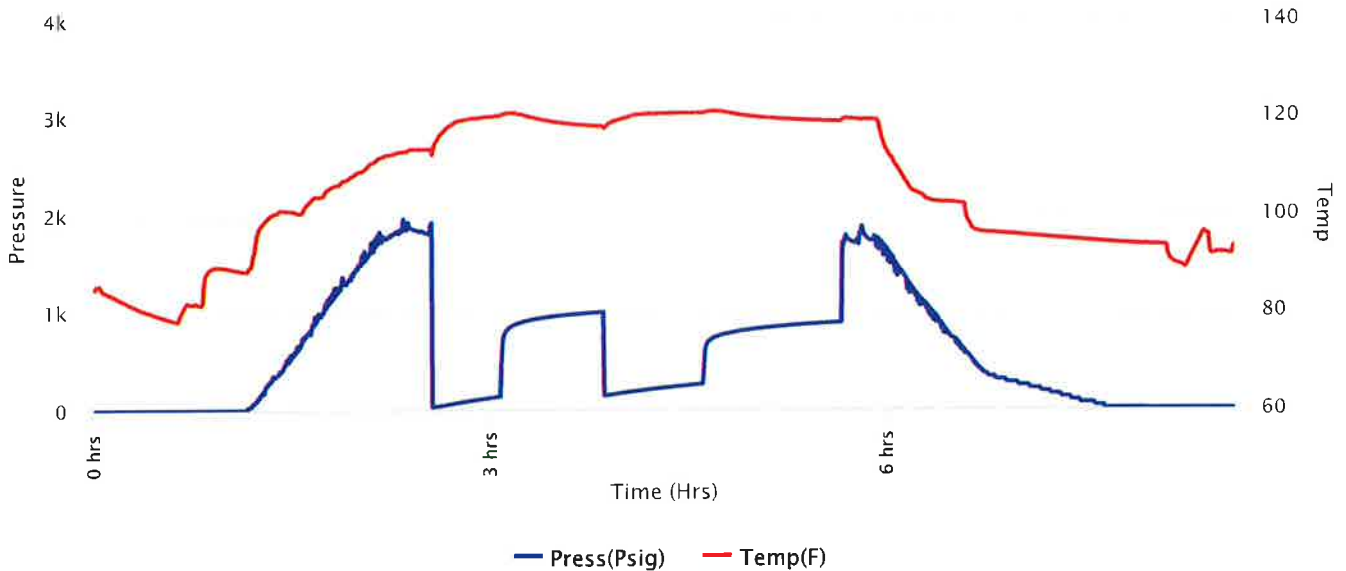
Telephone: 316-684-9709
 Mobile: 316-772-2621
 Email: shoemakerkim@sbcglobal.net

SEC: 24 TWN: 17S RNG: 19W
 County: RUSH
 State: Kansas
 Drilling Contractor: L. D. Drilling, Inc - Rig 1
 Elevation: 2140 KB
 Field Name: Schwindt South
 Pool: Infield
 Job Number: 38

DATE
 July
24
 2017

DST #1 **Formation: Cherokee Sand** **Test Interval: 3822 - 3841'** **Total Depth: 3841'**
 Time On: 01:37 07/24 Time Off: 10:57 07/24
 Time On Bottom: 05:02 07/24 Time Off Bottom: 08:02 07/24

Electronic Volume Estimate: 512'	<u>1st Open</u> Minutes: 30 27.7" at 30 min	1st Close Minutes: 45 7.7" at 45 min	<u>2nd Open</u> Minutes: 45 17.4" at 45 min	2nd Close Minutes: 60 0" at 60 min
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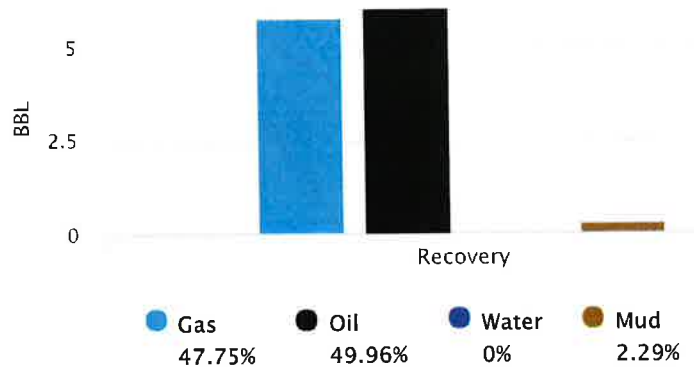
<u>Recovered</u>		<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
<u>Foot</u>	<u>BBLs</u>					
490	5.0274	G	100	0	0	0
630	6.4638	SLGCO	11	89	0	0
60	0.6156	SLGCHMCO	7	48	0	45

Total Recovered: 1180 ft
 Total Barrels Recovered: 12.1068

Reversed Out
 NO

Initial Hydrostatic Pressure	1806	PSI
Initial Flow	25 to 135	PSI
Initial Closed in Pressure	1000	PSI
Final Flow Pressure	140 to 257	PSI
Final Closed in Pressure	889	PSI
Final Hydrostatic Pressure	1791	PSI
Temperature	122	°F
Pressure Change Initial Close / Final Close	11.1	%

Recovery at a glance





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REMARKS:

Tool Sample: 10% GAS, 89% OIL, 1% MUD

Gravity: 40.7 @ 60 degrees F



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Down Hole Makeup

Heads Up: 18.45 FT	Packer 1: 3817 FT
Drill Pipe: 3807.88 FT <i>ID-3 1/4</i>	Packer 2: 3822 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3806.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3824 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7.875
Total Anchor: 19	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
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): 18 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 55 **Filtrate:** 9.2 **Chlorides:** 8,600 ppm



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Gas Volume Report

1st Open				2nd Open			
Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D