



Company: John O. Farmer, Inc
Lease: Maupin #2

SEC: 10 TWN: 11S RNG: 15W
 County: RUSSELL
 State: Kansas
 Drilling Contractor: Discovery Drilling
 Company, Inc. - Rig 2
 Elevation: 1902 EGL
 Field Name: Fairport NE
 Pool: Infield
 Job Number: 389
 API #: 15-167-24077

Operation:
 Uploading recovery &
 pressures

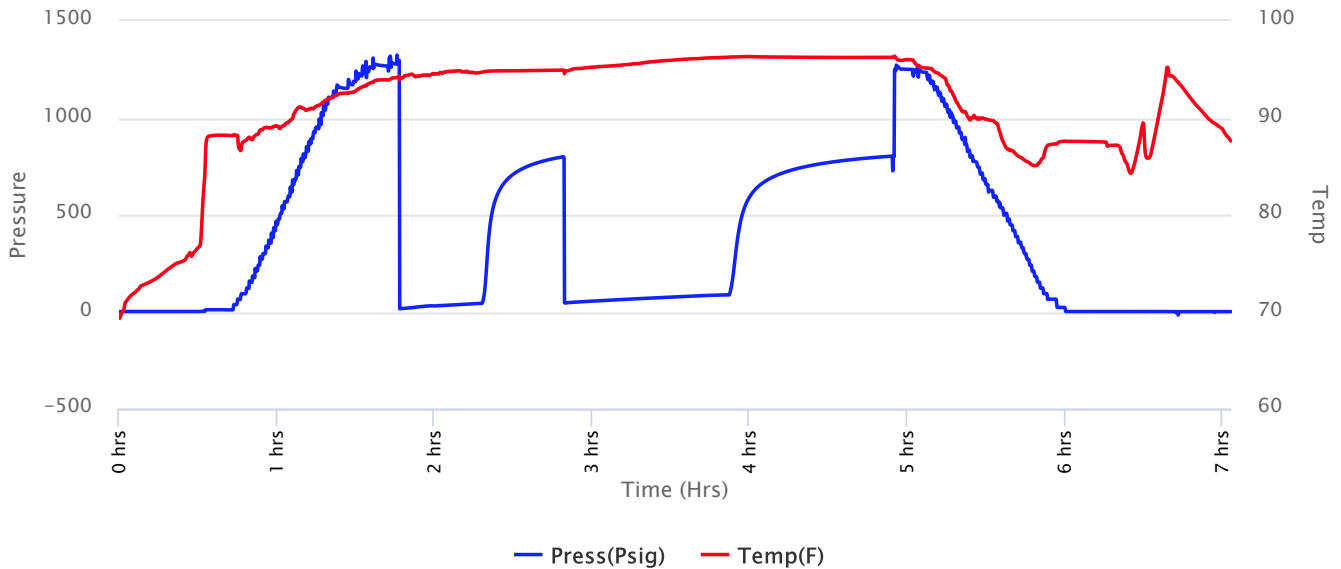
DATE
 September
07
 2019

DST #1 **Formation: Topeka** **Test Interval: 2760 - 2782'** **Total Depth: 2782'**
 Time On: 10:05 09/07 Time Off: 16:57 09/07
 Time On Bottom: 11:50 09/07 Time Off Bottom: 14:50 09/07

Electronic Volume
 Estimate:
 58'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 30	Minutes: 60	Minutes: 60
Current Reading: 1.6" at 30 min	Current Reading: 0" at 30 min	Current Reading: 6.1" at 60 min	Current Reading: 0" at 60 min
Max Reading: 1.9"	Max Reading: 0"	Max Reading: 6.1"	Max Reading: 0"

Inside Recorder





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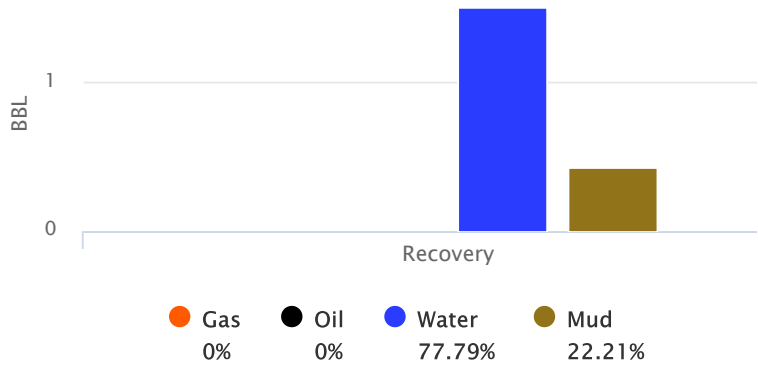
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
10	0.1423	HMCW	0	0	50	50
126	1.79298	MCW	0	0	80	20

Total Recovered: 136 ft
 Total Barrels Recovered: 1.93528

Reversed Out
 NO

Initial Hydrostatic Pressure	1267	PSI
Initial Flow	16 to 43	PSI
Initial Closed in Pressure	799	PSI
Final Flow Pressure	46 to 87	PSI
Final Closed in Pressure	803	PSI
Final Hydrostatic Pressure	1265	PSI
Temperature	97	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



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BUCKET MEASUREMENT:

1st Open: WSB. Built to 2 inches in 30 mins
1st Close: NOBB
2nd Open: 1/2" Blow. Built to 6 inches in 60 mins
2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 0% Oil 90% Water 10% Mud

Ph: 7

Measured RW: .13 @ 92 degrees °F

RW at Formation Temp: 0.124 @ 97 °F

Chlorides: 58,000 ppm



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Down Hole Makeup

Heads Up: 13.58 FT	Packer 1: 2755 FT
Drill Pipe: 2748.42 FT <i>ID-3 1/2</i>	Packer 2: 2760 FT
Weight Pipe: FT <i>ID-2 7/8</i>	Top Recorder: 2747 FT
Collars: FT <i>ID-2 1/4</i>	Bottom Recorder: 2762 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 22	Surface Choke: 1"
Anchor Makeup	
Packer Sub: 1 FT	Bottom Choke: 5/8"
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 21 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chem **Weight:** 8.7 **Viscosity:** 54 **Filtrate:** 7.2 **Chlorides:** 3000 ppm

