



**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

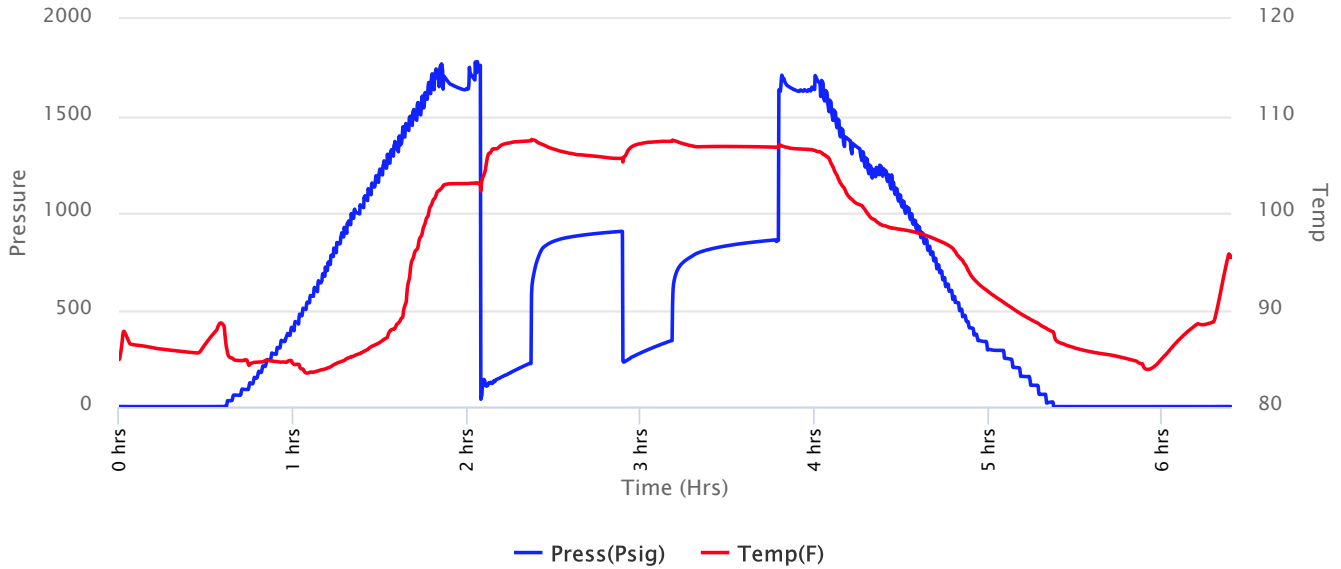
**DATE**  
 September  
**10**  
 2019

**DST #3**      **Formation: Sand**      **Test Interval: 3356 - 3389'**      **Total Depth: 3467'**  
 Time On: 10:49 09/10      Time Off: 17:02 09/10  
 Time On Bottom: 12:51 09/10      Time Off Bottom: 14:21 09/10

Electronic Volume  
 Estimate:  
 674'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 15	Minutes: 30	Minutes: 15	Minutes: 30
Current Reading: 41.4" at 15 min	Current Reading: 0" at 30 min	Current Reading: 39.2" at 15 min	Current Reading: 0" at 30 min
Max Reading: 41.4"	Max Reading: 0"	Max Reading: 39.2"	Max Reading: 0"

Inside Recorder





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Recovered

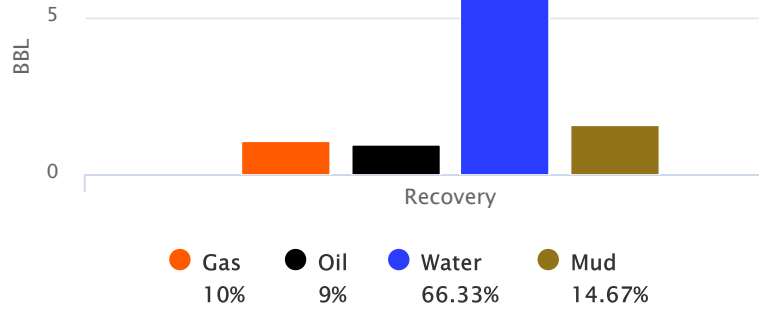
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
504	7.17192	SLOCSLGMCW	15	10	55	20
252	3.58596	SLMCSLOCW	0	7	89	4

Total Recovered: 756 ft  
 Total Barrels Recovered: 10.75788

Reversed Out  
 NO

Initial Hydrostatic Pressure	1634	PSI
Initial Flow	39 to 223	PSI
<b>Initial Closed in Pressure</b>	<b>903</b>	<b>PSI</b>
Final Flow Pressure	231 to 341	PSI
<b>Final Closed in Pressure</b>	<b>861</b>	<b>PSI</b>
Final Hydrostatic Pressure	1634	PSI
Temperature	108	°F
Pressure Change Initial Close / Final Close	4.7	%

**Recovery at a glance**



GIP cubic foot volume: 6.04001



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**BUCKET MEASUREMENT:**

1st Open: 1" Blow. BOB in 3 mins  
1st Close: NOBB  
2nd Open: 2 1/2" Blow. BOB in 3 mins  
2nd Close: NOBB

**REMARKS:**

Below Straddle Packer Held. 1175  
Tool Sample: 0% Gas 5% Oil 95% Water 0% Mud  
Ph: 7  
Measured RW: .52 @ 90 degrees °F  
RW at Formation Temp: 0.438 @ 108 °F  
Chlorides: 15,000 ppm



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**Down Hole Makeup**

<b>Heads Up:</b> 18.05 FT	<b>Packer 1:</b> 3351 FT
<b>Drill Pipe:</b> 3348.89 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3356 FT
<b>Weight Pipe:</b> FT <i>ID-2 7/8</i>	<b>Packer 3:</b> 3389 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Top Recorder:</b> 3343 FT
<b>Test Tool:</b> 26.16 FT <i>ID-3 1/2-FH</i>	<b>Bottom Recorder:</b> 3390 FT
<b>Total Anchor:</b> 33	<b>Below Straddle Recorder:</b> 3455 FT
<u><b>Anchor Makeup</b></u>	<b>Well Bore Size:</b> 7 7/8
<b>Packer Sub:</b> 1 FT	<b>Surface Choke:</b> 1"
<b>Perforations: (top):</b> 32 FT <i>4 1/2-FH</i>	<b>Bottom Choke:</b> 5/8"
<b>Change Over:</b> FT	
<b>Drill Pipe: (in anchor):</b> FT <i>ID-3 1/2</i>	
<b>Change Over:</b> FT	
<b>Perforations: (below):</b> FT <i>4 1/2-FH</i>	
<u><b>STRADDLE</b></u>	
<b>Straddle Packer(s):</b> 1 FT	
<b>Change Over:</b> .5 FT	
<b>Drill Pipe:</b> 63.24 FT <i>ID-3 1/2"</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations (in tail pipe):</b> 13 FT <i>4 1/2-FH</i>	



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**Mud Properties**

**Mud Type:** Chem      **Weight:** 9.1      **Viscosity:** 61      **Filtrate:** 10.4      **Chlorides:** 10000 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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