



**Company: Raymond Oil  
Company, Inc  
Lease: Bever #2**

SEC: 11 TWN: 14S RNG: 32W  
County: LOGAN  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2840 GL  
Field Name: Rose Garden  
Pool: Infield  
Job Number: 197

**Operation:**  
Uploading recovery &  
pressures

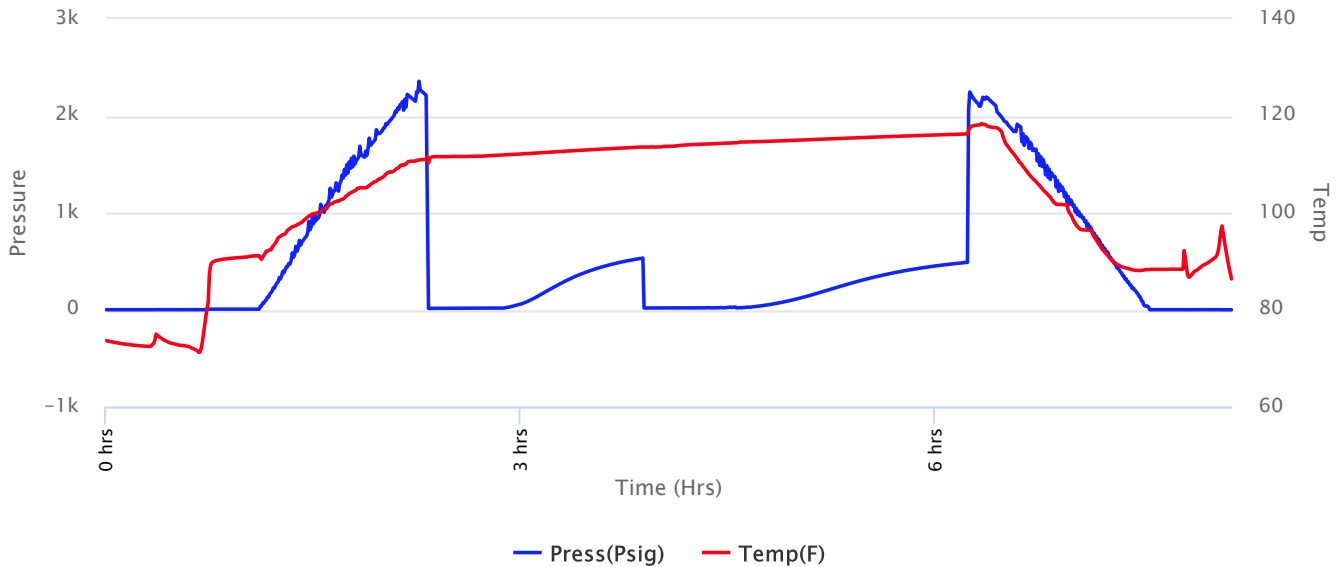
**DATE**  
August  
**26**  
2018

**DST #7      Formation: Marrow sand      Test Interval: 4466 - 4565'      Total Depth: 4565'**  
Time On: 06:17 08/26      Time Off: 14:10 08/26  
Time On Bottom: 08:35 08/26      Time Off Bottom: 12:20 08/26

Electronic Volume  
Estimate:  
1'

|                                   |                                 |                                  |                                  |
|-----------------------------------|---------------------------------|----------------------------------|----------------------------------|
| <u>1st Open</u><br>Minutes: 30    | 1st Close<br>Minutes: 5         | <u>2nd Open</u><br>Minutes: 45   | 2nd Close<br>Minutes: 90         |
| Current Reading:<br>.1" at 30 min | Current Reading:<br>0" at 5 min | Current Reading:<br>0" at 45 min | Current Reading:<br>0" at 90 min |
| Max Reading: .1"                  | Max Reading: 0"                 | Max Reading: 0"                  | Max Reading: 0"                  |

Inside Recorder





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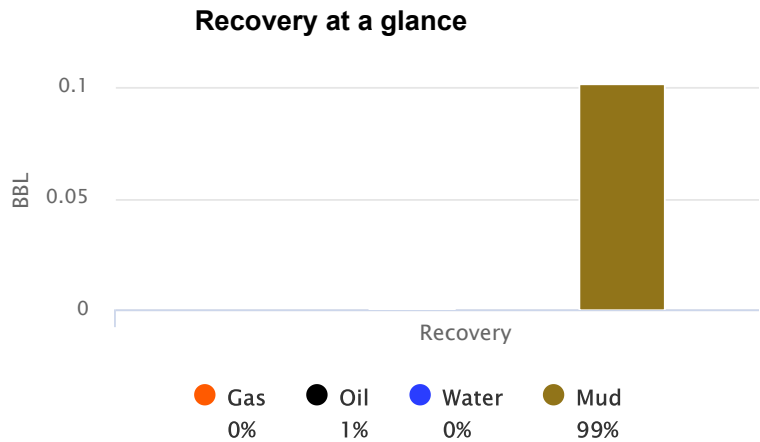
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| Recovered |        | Description of Fluid | Gas % | Oil % | Water % | Mud % |
|-----------|--------|----------------------|-------|-------|---------|-------|
| Foot      | BBLs   |                      |       |       |         |       |
| 10        | 0.1026 | SLOCM                | 0     | 1     | 0       | 99    |

Total Recovered: 10 ft  
Total Barrels Recovered: 0.1026

**Reversed Out**  
NO

|   |            |            |
|---|------------|------------|
| Initial Hydrostatic Pressure                | 2246       | PSI        |
| Initial Flow                                | 13 to 17   | PSI        |
| <b>Initial Closed in Pressure</b>           | <b>533</b> | <b>PSI</b> |
| Final Flow Pressure                         | 18 to 27   | PSI        |
| <b>Final Closed in Pressure</b>             | <b>487</b> | <b>PSI</b> |
| Final Hydrostatic Pressure                  | 2200       | PSI        |
| Temperature                                 | 117        | °F         |
| Pressure Change Initial Close / Final Close | 8.6        | %          |





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|               |                                   |  |                           |
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**BUCKET MEASUREMENT:**

1st Open: Surface blow  
1st Close: No blow  
2nd Open: No blow  
2nd Close: No blow

**REMARKS:**

Tool Sample: 0% Gas 5% Oil 0% Water 95% Mud



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**Down Hole Makeup**

|  |                                 |
|--|---------------------------------|
| <b>Heads Up:</b> 32.83 FT  | <b>Packer 1:</b> 4460.94 FT     |
| <b>Drill Pipe:</b> 4466.2 FT<br><i>ID-3 1/4</i>  | <b>Packer 2:</b> 4465.94 FT     |
| <b>Weight Pipe:</b> FT<br><i>ID-2 7/8</i>  | <b>Top Recorder:</b> 4450.36 FT |
| <b>Collars:</b> FT<br><i>ID-2 1/4</i>  | <b>Bottom Recorder:</b> 4563 FT |
| <b>Test Tool:</b> 33.57 FT<br><i>ID-3 1/2-FH</i><br><i>Jars</i><br><i>Safety Joint</i> | <b>Well Bore Size:</b> 7 7/8    |
| <b>Total Anchor:</b> 99.06   | <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> 30 FT<br><i>4 1/2-FH</i>                                   |                                 |
| <b>Change Over:</b> 1 FT   |                                 |
| <b>Drill Pipe: (in anchor):</b> 63.06 FT<br><i>ID-3 1/4</i>                            |                                 |
| <b>Change Over:</b> 1 FT   |                                 |
| <b>Perforations: (below):</b> 3 FT<br><i>4 1/2-FH</i>                                  |                                 |



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**Mud Properties**

**Mud Type:**      **Weight:**      **Viscosity:**      **Filtrate:**      **Chlorides: ppm**



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**Gas Volume Report**

1st Open

2nd Open

| Time | Orifice | PSI | MCF/D |
|------|---------|-----|-------|
|------|---------|-----|-------|

| Time | Orifice | PSI | MCF/D |
|------|---------|-----|-------|
|------|---------|-----|-------|