

**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC.  
Box 20380 Wichita Ks. 67208  
ATTN: G

**Bamberger #13**  
**20/22/22**  
Job Ticket: 39335      **DST#: 3**  
Test Start: 2010.07.22 @ 15:45:00

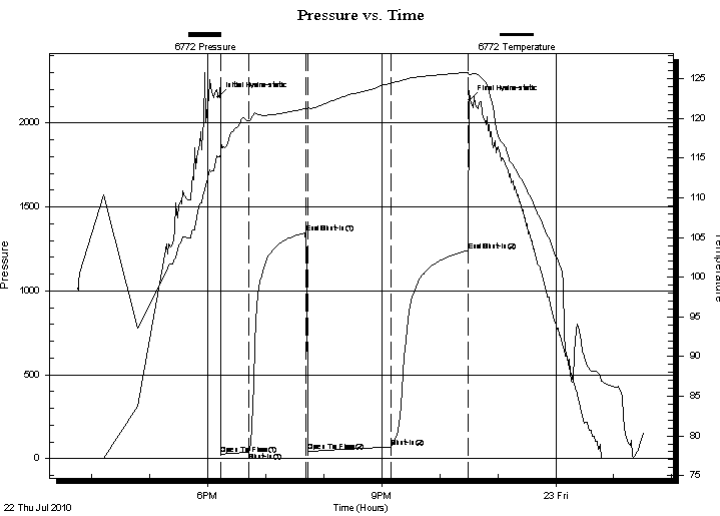
## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 18:13:30  
Time Test Ended: 01:32:30  
Interval: **4540.00 ft (KB) To 4549.00 ft (KB) (TVD)**  
Total Depth: 4549.00 ft (KB) (TVD)  
Hole Diameter: 7.78 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Harley Davidson  
Unit No: 33  
Reference Elevations: 4336.00 ft (KB)  
4325.00 ft (CF)  
KB to GR/CF: 11.00 ft

## Serial #: 6772

Press@RunDepth: 71.26 psig @ ft (KB) Capacity: 8000.00 psig  
Start Date: 2010.07.22 End Date: 2010.07.23 Last Calib.: 2010.07.23  
Start Time: 15:45:05 End Time: 01:32:30 Time On Btm: 2010.07.22 @ 18:10:50  
Time Off Btm: 2010.07.22 @ 22:31:00

TEST COMMENT: IF- Weak blow 1" in the bucket.  
IS- No blow back.  
FF- No blow.  
FS- No blow back.



## PRESSURE SUMMARY

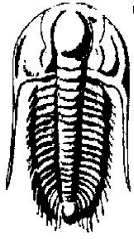
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2156.25         | 115.20       | Initial Hydro-static |
| 3           | 26.02           | 115.70       | Open To Flow (1)     |
| 32          | 39.92           | 119.79       | Shut-In(1)           |
| 90          | 1345.07         | 121.24       | End Shut-In(1)       |
| 93          | 43.02           | 121.33       | Open To Flow (2)     |
| 179         | 71.26           | 124.44       | Shut-In(2)           |
| 259         | 1240.60         | 125.81       | End Shut-In(2)       |
| 261         | 2137.96         | 125.56       | Final Hydro-static   |

## Recovery

| Length (ft) | Description               | Volume (bbl) |
|-------------|---------------------------|--------------|
| 90.00       | 100% oil                  | 0.44         |
| 50.00       | 10% oil 40% water 50% mud | 0.25         |
|             |                           |              |
|             |                           |              |
|             |                           |              |

## Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|  |                |                 |                  |



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**FLUID SUMMARY**

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**Bamberger #13**  
**20/22/22**  
Job Ticket: 39335      **DST#: 3**  
Test Start: 2010.07.22 @ 15:45:00

**Mud and Cushion Information**

|                                   |                            |                 |         |
|-----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem                | Cushion Type:              | Oil API:        | deg API |
| Mud Weight: 9.00 lb/gal           | Cushion Length: ft         | Water Salinity: | ppm     |
| Viscosity: 54.00 sec/qt           | Cushion Volume: bbl        |                 |         |
| Water Loss: 14.79 in <sup>3</sup> | Gas Cushion Type:          |                 |         |
| Resistivity: ohm.m                | Gas Cushion Pressure: psig |                 |         |
| Salinity: 11800.00 ppm            |                            |                 |         |
| Filter Cake: inches               |                            |                 |         |

**Recovery Information**

Recovery Table

| Length<br>ft | Description              | Volume<br>bbl |
|--------------|--------------------------|---------------|
| 90.00        | 100% oil                 | 0.443         |
| 50.00        | 10% oil 40%w ater 50%mud | 0.246         |

Total Length: 140.00 ft      Total Volume: 0.689 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

# Pressure vs. Time

