

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Tengasco Inc
P O Box 458
Hays Ks 67601-9744
ATTN: Rod Tremblay

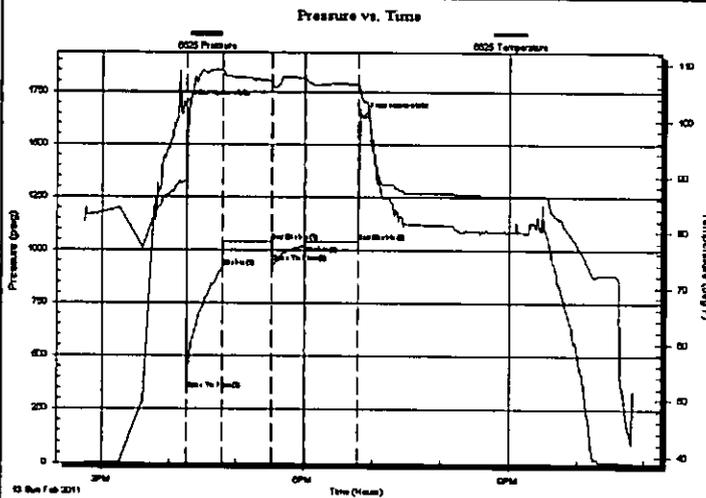
Veverka C #3
28-8s-19W Rooks
Job Ticket: 41883 DST#: 1
Test Start: 2011.02.13 @ 14:44:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 16:15:55
Time Test Ended: 22:50:54
Interval: **3412.00 ft (KB) To 3444.00 ft (KB) (TVD)**
Total Depth: **3444.00 ft (KB) (TVD)**
Hole Diameter: **7.85 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **42**
Reference Elevations: **2017.00 ft (KB)**
2012.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: **6625** Inside
Press@RunDepth: **1020.17 psig @ 3416.00 ft (KB)**
Start Date: **2011.02.13** End Date: **2011.02.13**
Start Time: **14:44:00** End Time: **22:50:54**
Capacity: **8000.00 psig**
Last Calib.: **2011.02.13**
Time On Btm: **2011.02.13 @ 16:13:55**
Time Off Btm: **2011.02.13 @ 18:51:25**

TEST COMMENT: **IFP-strg bl thru-out**
ISIP-1/4"bl bk
FFP-strg bl in 2 min
FSIP-no bl bk



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1687.49 | 89.19 | Initial Hydro-static |
| 2 | 339.76 | 89.66 | Open To Flow (1) |
| 34 | 917.62 | 108.95 | Shut-In(1) |
| 77 | 1039.05 | 107.15 | End Shut-In(1) |
| 78 | 938.90 | 107.36 | Open To Flow (2) |
| 107 | 1020.17 | 107.45 | Shut-In(2) |
| 154 | 1039.70 | 106.54 | End Shut-In(2) |
| 158 | 1631.94 | 103.61 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------|--------------|
| 2430.00 | CO | 34.09 |
| 120.00 | O&GCMW 10%G20%O30%M40%W | 1.68 |
| | | |
| | | |
| | | |

Gas Rates

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

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FLUID SUMMARY

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Mud and Cushion Information

| | | |
|----------------------------------|----------------------------|---------------------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: 21 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: 36000 ppm |
| Viscosity: 61.00 sec/qt | Cushion Volume: bbl | |
| Water Loss: 7.96 in ³ | Gas Cushion Type: | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | |
| Salinity: 2600.00 ppm | | |
| Filter Cake: 1.00 inches | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------------------|---------------|
| 2430.00 | CO | 34.087 |
| 120.00 | O&GCMW 10%G20%O30%M40%W | 1.683 |

Total Length: 2550.00 ft Total Volume: 35.770 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW .21 @ 61F

