



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Cholla Production, LLC
 10390 Bradford Rd
 Suite 201 Littleton CO 80127
 ATTN: Bill Goff

3-11-23, Trego, KS
Schamberger #1-3
 Job Ticket: 54764 **DST#: 1**
 Test Start: 2013.09.01 @ 07:20:00

GENERAL INFORMATION:

Formation: **KC "A-C"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:09:30
 Time Test Ended: 14:44:00
 Interval: **3559.00 ft (KB) To 3610.00 ft (KB) (TVD)**
 Total Depth: 3610.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brett Dickinson
 Unit No: 59
 Reference Elevations: 2307.00 ft (KB)
 2300.00 ft (CF)
 KB to GR/CF: 7.00 ft

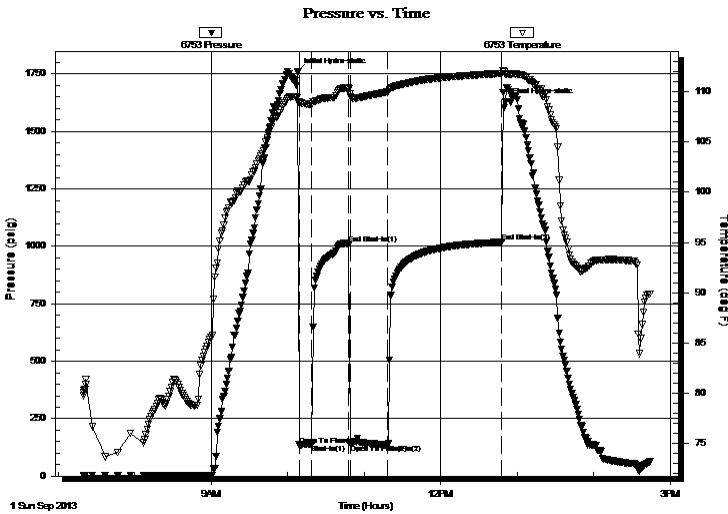
Serial #: 6753

Inside

Press @ Run Depth: 138.91 psig @ 3564.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.01 End Date: 2013.09.01 Last Calib.: 2013.09.01
 Start Time: 07:20:05 End Time: 14:43:59 Time On Btm: 2013.09.01 @ 10:08:00
 Time Off Btm: 2013.09.01 @ 12:51:00

TEST COMMENT: IF-2in blow
 IS-No blow
 FF-3in blow
 FS-No blow

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1758.75 | 109.41 | Initial Hydro-static |
| 2 | 135.00 | 108.98 | Open To Flow (1) |
| 11 | 137.65 | 108.77 | Shut-In(1) |
| 40 | 1012.15 | 110.35 | End Shut-In(1) |
| 42 | 140.34 | 109.54 | Open To Flow (2) |
| 71 | 138.91 | 109.99 | Shut-In(2) |
| 160 | 1018.40 | 111.81 | End Shut-In(2) |
| 163 | 1627.31 | 111.70 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------|--------------|
| 120.00 | MCW 75%W 25%M | 0.59 |
| 45.00 | OS Mud | 0.63 |
| | | |
| | | |
| | | |

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: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | 30000 ppm |
| Viscosity: 47.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.60 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 3200.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------|---------------|
| 120.00 | MCW 75%W 25%M | 0.590 |
| 45.00 | OS Mud | 0.631 |

Total Length: 165.00 ft Total Volume: 1.221 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: Sampler Data 1750 Water 250 Mud 190 PSI

