



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Cholla Production, Llc  
7851 S Elati St Ste 201  
Littleton CO 80120  
ATTN: Bill Goff

**Denison #2-10**  
**10-11-23, Trego, Ks**  
Job Ticket: 44608 **DST#: 2**  
Test Start: 2011.09.11 @ 07:00:00

## GENERAL INFORMATION:

Formation: **LKC "C"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 08:59:00  
Time Test Ended: 13:16:30  
Interval: **3556.00 ft (KB) To 3580.00 ft (KB) (TVD)**  
Total Depth: 3580.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Brett Dickinson  
Unit No: 47  
Reference Elevations: 2288.00 ft (KB)  
2283.00 ft (CF)  
KB to GR/CF: 5.00 ft

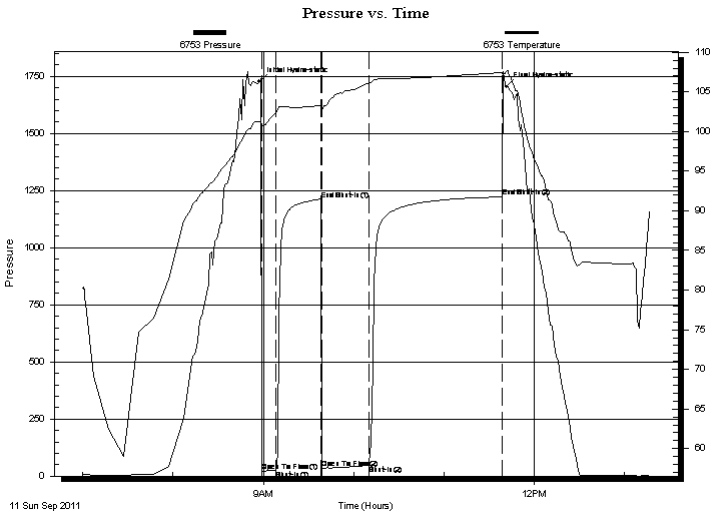
## Serial #: 6753

Inside

Press @ Run Depth: 47.78 psig @ 3557.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.09.11 End Date: 2011.09.11 Last Calib.: 2011.09.11  
Start Time: 07:00:05 End Time: 13:16:29 Time On Btm: 2011.09.11 @ 08:57:30  
Time Off Btm: 2011.09.11 @ 11:41:30

TEST COMMENT: IF-3/4in blow  
ISI-No blow  
FF-Very weak surface blow  
FSI-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1726.83	101.23	Initial Hydro-static
2	19.05	100.72	Open To Flow (1)
11	26.44	102.40	Shut-In(1)
41	1211.71	103.27	End Shut-In(1)
42	33.06	102.84	Open To Flow (2)
73	47.78	106.13	Shut-In(2)
161	1222.23	107.44	End Shut-In(2)
164	1703.80	107.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
35.00	MCW 70%W 30%M	0.17
30.00	Mud	0.15

## Gas Rates

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



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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:

40000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
35.00	MCW 70%W 30%M	0.172
30.00	Mud	0.148

Total Length: 65.00 ft      Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data 2000Water 1000Mud 225 PSI

