



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Cholla Production LLC

**35-19s-20w Rush**

7851 A Elati St Ste 201  
Littleton, Co 80120

**Miller 1-35**

Job Ticket: 45283

**DST#: 2**

ATTN: Clayton Erickson

Test Start: 2011.11.10 @ 00:30:22

## GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:27:32

Time Test Ended: 06:57:46

Test Type: Conventional Straddle (Reset)

Tester: Brandon Turley

Unit No: 35

**Interval: 4234.00 ft (KB) To 4350.00 ft (KB) (TVD)**

Reference Elevations: 2276.00 ft (KB)

Total Depth: 4552.00 ft (KB) (TVD)

2271.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8373 Inside**

Press @ Run Depth: 751.47 psig @ 4235.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.11.10

End Date:

2011.11.10

Last Calib.: 2011.11.10

Start Time: 00:30:22

End Time:

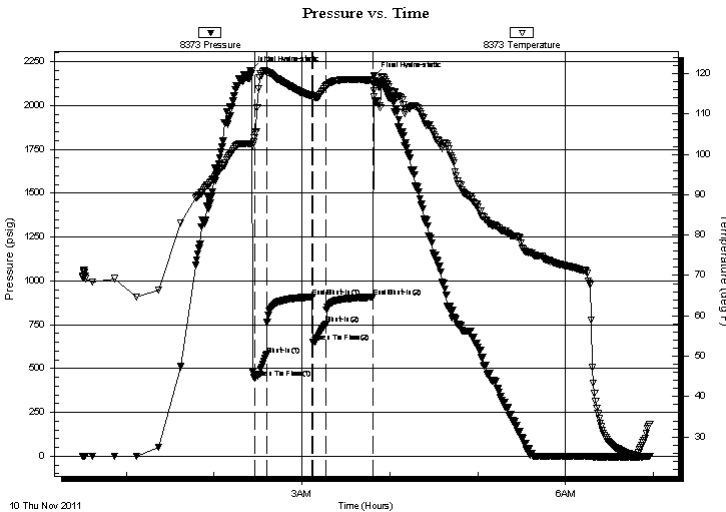
06:57:46

Time On Btm: 2011.11.10 @ 02:24:47

Time Off Btm: 2011.11.10 @ 03:49:17

**TEST COMMENT:** IF: BOB in 1 min.  
IS: No return.  
FF: BOB in 2 min.  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2200.22	102.55	Initial Hydro-static
3	444.58	104.06	Open To Flow (1)
12	579.50	120.21	Shut-In(1)
43	908.86	114.54	End Shut-In(1)
43	650.74	114.33	Open To Flow (2)
52	751.47	116.72	Shut-In(2)
84	907.02	118.32	End Shut-In(2)
85	2167.05	114.21	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
434.00	mcw 5%w 95% m	4.98
434.00	mcw 80%w 20% m	6.09
248.00	w cm 40%w 60% m	3.48
382.00	mud 100% m	5.36

\* Recovery from multiple tests

## 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:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
434.00	mcw 5%w 95%m	4.977
434.00	mcw 80%w 20%m	6.088
248.00	w cm 40%w 60%m	3.479
382.00	mud 100%m	5.358

Total Length: 1498.00 ft      Total Volume: 19.902 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .34@31=50000

### Pressure vs. Time

