



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Cholla Production

**12-11s-23w Trego**

10290 Bradford Rd  
Littleton CO, 80127

**Patterson # 1-12**

ATTN: Justin Carter

Job Ticket: 54481

**DST#: 6**

Test Start: 2013.10.18 @ 21:07:00

## GENERAL INFORMATION:

Formation: **LKC "K"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:23:45  
 Time Test Ended: 03:32:45  
 Interval: **3668.00 ft (KB) To 3706.00 ft (KB) (TVD)**  
 Total Depth: 3706.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Cody Bloedorn  
 Unit No: 53  
 Reference Elevations: 2241.00 ft (KB)  
 2236.00 ft (CF)  
 KB to GR/CF: 5.00 ft

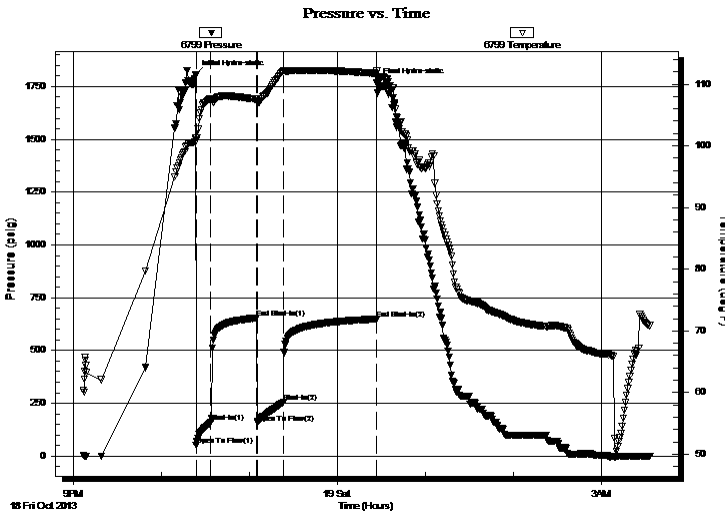
## Serial #: 6799

Inside

Press @ Run Depth: 254.08 psig @ 3703.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.18 End Date: 2013.10.19 Last Calib.: 2013.10.19  
 Start Time: 21:07:05 End Time: 03:32:44 Time On Btm: 2013.10.18 @ 22:23:30  
 Time Off Btm: 2013.10.19 @ 00:26:45

TEST COMMENT: 10 - IF- B.O.B. in 3 minutes  
 30 - IS- No return  
 20 - FF- B.O.B. in 3 minutes  
 60 - FS- Surface return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1808.78	101.31	Initial Hydro-static
1	52.17	100.90	Open To Flow (1)
11	160.32	107.61	Shut-In(1)
42	654.05	107.54	End Shut-In(1)
42	158.07	107.29	Open To Flow (2)
60	254.08	112.03	Shut-In(2)
123	649.20	111.74	End Shut-In(2)
124	1769.27	112.15	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
310.00	GO, 20%G, 80%O	3.26
216.00	GHOCM, 40%M, 40%O, 20%G	3.03
0.00	310' of G.I.P.	0.00

\* 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:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
310.00	GO, 20%G, 80%O	3.255
216.00	GHOCM, 40%M, 40%O, 20%G	3.030
0.00	310' of G.I.P.	0.000

Total Length: 526.00 ft      Total Volume: 6.285 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 400ml Mud, 1600ml Oil, PSI: 300  
Gravity = 32

### Pressure vs. Time

