



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Cholla Production LLC

Stithem #1-4

7851 S. Elati St. STE 201
Littleton, CO 80120

4/11s/23w Trego KS

ATTN: Bill Goff/ Kelly Bran 201

Job Ticket: 040091

DST#: 1

Test Start: 2010.12.12 @ 00:12:00

GENERAL INFORMATION:

Formation: **Toronto - Lans. "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:59:15

Time Test Ended: 08:01:00

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 46

Interval: 3498.00 ft (KB) To 3544.00 ft (KB) (TVD)

Reference Elevations: 2291.00 ft (KB)

Total Depth: 3544.00 ft (KB) (TVD)

2286.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8366 Inside

Press @ Run Depth: 17.82 psig @ 3499.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.12 End Date: 2010.12.12

Last Calib.: 2010.12.12

Start Time: 00:12:05 End Time: 08:00:59

Time On Btm: 2010.12.12 @ 02:56:30

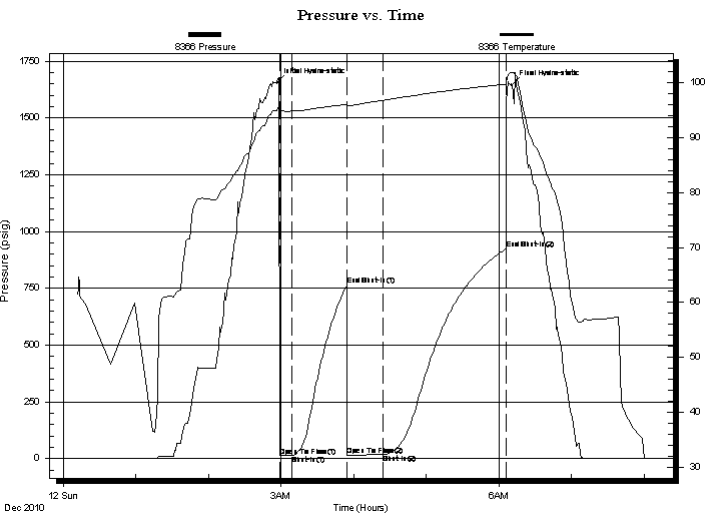
Time Off Btm: 2010.12.12 @ 06:10:30

TEST COMMENT: IF: 1/2" Blow at open, built to 1 1/4" (Diesel in bucket)

IS: Bled off, No blow back

FF: No blow

FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1655.22	94.97	Initial Hydro-static
3	12.69	95.09	Open To Flow (1)
13	15.36	94.83	Shut-In(1)
58	763.39	96.10	End Shut-In(1)
59	15.68	95.81	Open To Flow (2)
88	17.82	96.80	Shut-In(2)
190	924.80	99.75	End Shut-In(2)
194	1645.82	101.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.01
0.00	Oil spots in tool	0.00

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:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud 100%	0.010
0.00	Oil spots in tool	0.000

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 100 PSI No fluid recovery

