



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Cholla Production LLC
 10390 Bradford Rd
 Suite 201
 Littleton Co 80127
 ATTN: Bill Golf, Justin Ca

14-20s-25w Ness

K.Schlegel 1-14

Job Ticket: 64915

DST#: 4

Test Start: 2015.12.15 @ 13:45:52

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:51:17
 Time Test Ended: 21:18:31
 Interval: **4472.00 ft (KB) To 4486.00 ft (KB) (TVD)**
 Total Depth: 4550.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2408.00 ft (KB)
 2400.00 ft (CF)
 KB to GR/CF: 8.00 ft

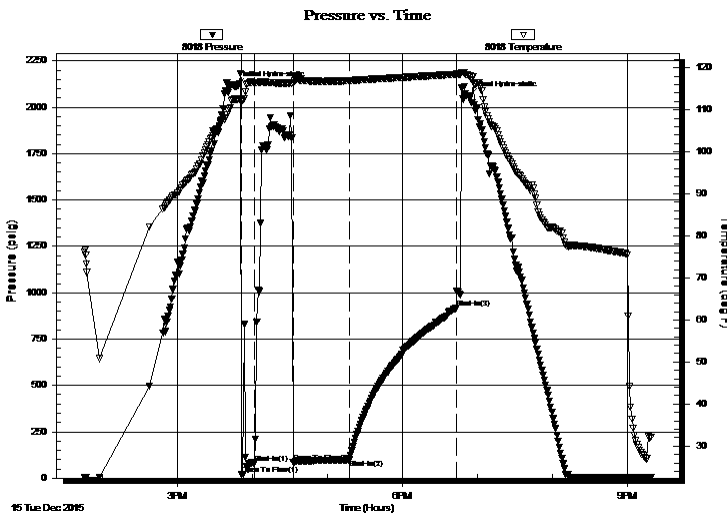
Serial #: 8018

Inside

Press @ Run Depth: psig @ 4477.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.12.15 End Date: 2015.12.15 Last Calib.: 2015.12.15
 Start Time: 13:45:52 End Time: 21:18:31 Time On Btm: 2015.12.15 @ 15:47:32
 Time Off Btm: 2015.12.15 @ 18:53:16

TEST COMMENT: 10-IFP-surface to 3"bl, slid tool approx 10'to bottom
 30-ISIP-no bl
 45-FFP-w k bl thru-out 1/2"to 1"bl
 90-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2115.47	112.57	Initial Hydro-static
4	19.46	111.93	Open To Flow (1)
14	82.33	116.39	Shut-In(1)
45	85.96	116.39	Open To Flow (2)
90	99.37	116.94	Shut-In(2)
176	916.74	118.45	Shut-In(3)
186	2061.33	118.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	WM 40%W60%M	1.01

* Recovery from multiple tests

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:

32000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
150.00	WM 40%W60%M	1.011

Total Length: 150.00 ft Total Volume: 1.011 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .23@65F Sampler Data: 50PSI 800ML Water
1200ML Mud

