



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Cholla Production, LLC.
 10390 Bradford RD Suite 201
 Littleton CO, 80127
 ATTN: Clayton Erickson

12-2s-30w Decatur Co, KS
J. Kyte 2-12
 Job Ticket: 52965 **DST#: 1**
 Test Start: 2013.09.09 @ 22:55:00

GENERAL INFORMATION:

Formation: **Lansing " A "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:56:15
 Time Test Ended: 05:51:15
 Interval: **3734.00 ft (KB) To 3800.00 ft (KB) (TVD)**
 Total Depth: 3800.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jace McKinney
 Unit No: 46
 Reference Elevations: 2797.00 ft (KB)
 2792.00 ft (CF)
 KB to GR/CF: 5.00 ft

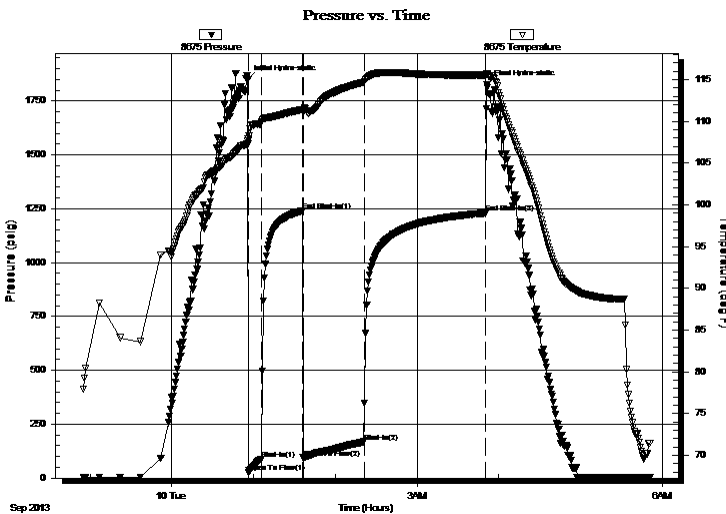
Serial #: 8675

Inside

Press @ Run Depth: 168.56 psig @ 3735.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.09 End Date: 2013.09.10 Last Calib.: 2013.09.10
 Start Time: 22:55:15 End Time: 05:51:15 Time On Btm: 2013.09.10 @ 00:55:45
 Time Off Btm: 2013.09.10 @ 03:51:15

TEST COMMENT: Built to 5 1/2" blow
 Bled off for 2 min. No return blow
 B.O.B. in 27 min.
 Bled off for 5 min. No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1848.70	107.65	Initial Hydro-static
1	28.44	107.29	Open To Flow (1)
11	89.00	109.92	Shut-In(1)
40	1240.31	111.41	End Shut-In(1)
41	93.44	111.00	Open To Flow (2)
86	168.56	114.66	Shut-In(2)
175	1229.26	115.51	End Shut-In(2)
176	1826.21	115.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	mcw with oil scum 30%M 70%W	0.60
198.00	mcw with oil scum 50%M 50%W	2.77

Gas Rates

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



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FLUID SUMMARY

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DST#: 1

ATTN: Clayton Erickson

Test Start: 2013.09.09 @ 22:55:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	mcw with oil scum 30%M 70%W	0.600
198.00	mcw with oil scum 50%M 50%W	2.775

Total Length: 320.00 ft Total Volume: 3.375 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .08 @ 70 F = 80,000

Pressure vs. Time

