



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: 52966 **DST#: 2**
 Test Start: 2013.09.10 @ 13:00:00

GENERAL INFORMATION:

Formation: **Lansing " B "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:58:15
 Time Test Ended: 19:05:00
 Interval: **3796.00 ft (KB) To 3840.00 ft (KB) (TVD)**
 Total Depth: 3840.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace McKinney
 Unit No: 46
 Reference Elevations: 2797.00 ft (KB)
 2792.00 ft (CF)
 KB to GR/CF: 5.00 ft

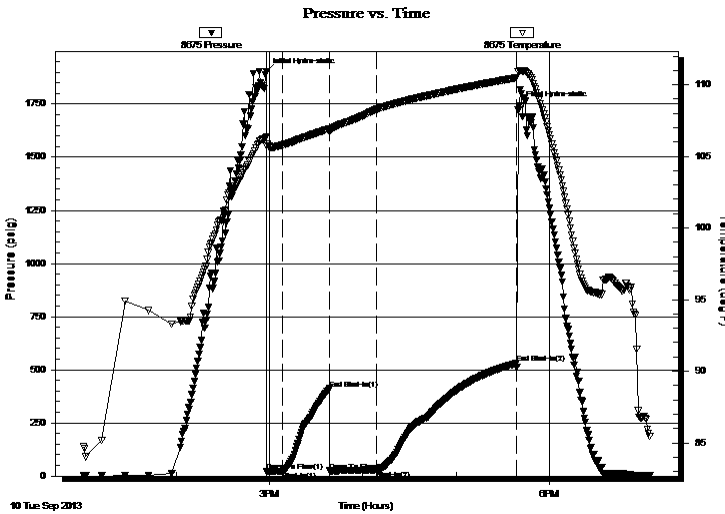
Serial #: 8675

Inside

Press @ RunDepth: 26.81 psig @ 3797.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.10 End Date: 2013.09.10 Last Calib.: 2013.09.10
 Start Time: 13:00:15 End Time: 19:05:00 Time On Btm: 2013.09.10 @ 14:58:00
 Time Off Btm: 2013.09.10 @ 17:40:45

TEST COMMENT: Weak surface blow
 No return blow
 No blow
 No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1899.97	106.40	Initial Hydro-static
1	21.53	105.73	Open To Flow (1)
11	22.64	105.80	Shut-In(1)
41	410.95	106.92	End Shut-In(1)
41	24.06	106.74	Open To Flow (2)
71	26.81	108.28	Shut-In(2)
161	530.12	110.49	End Shut-In(2)
163	1742.02	110.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Mud	0.02

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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10390 Bradford RD Suite 201
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J. Kyte 2-12

Job Ticket: 52966

DST#: 2

ATTN: Clayton Erickson

Test Start: 2013.09.10 @ 13:00:00

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

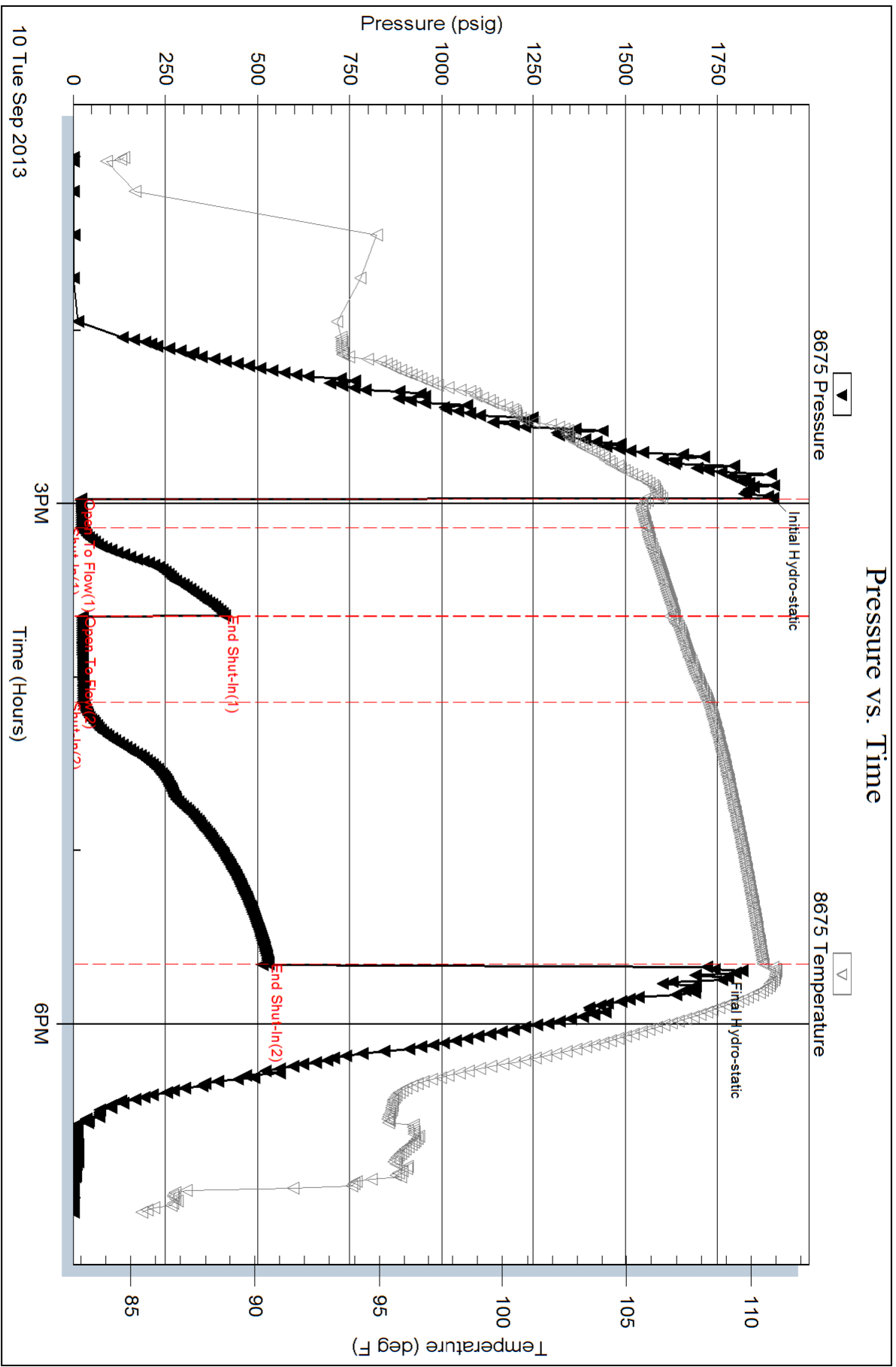
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

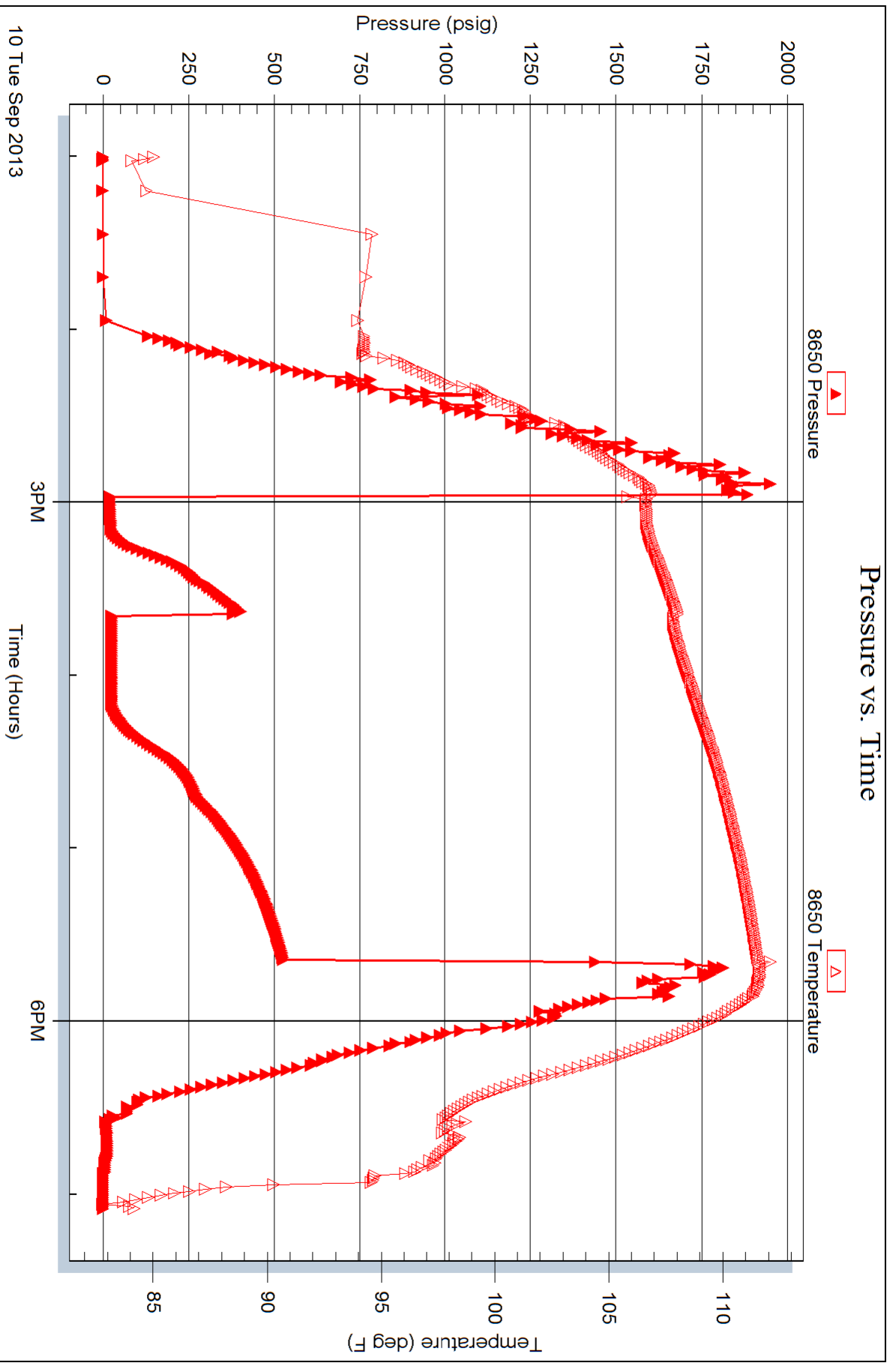


Serial #: 8650

Outside Cholla Production, LLC.

J. Kyle 2-12

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 52966

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