



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Oper. Co. LLC.
 125 N. Market Ste. 1000
 Wichita, KS 67202-1729
 ATTN:

10-35s.-12w. Barber Co. KS

Miller C 4

Job Ticket: 52455 **DST#: 1**
 Test Start: 2013.09.11 @ 07:16:38

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 09:56:38
 Time Test Ended: 16:57:38
 Interval: **4762.00 ft (KB) To 4908.00 ft (KB) (TVD)**
 Total Depth: 4908.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ryan Reynolds
 Unit No: 48
 Reference Elevations: 1428.00 ft (KB)
 1415.00 ft (CF)
 KB to GR/CF: 13.00 ft

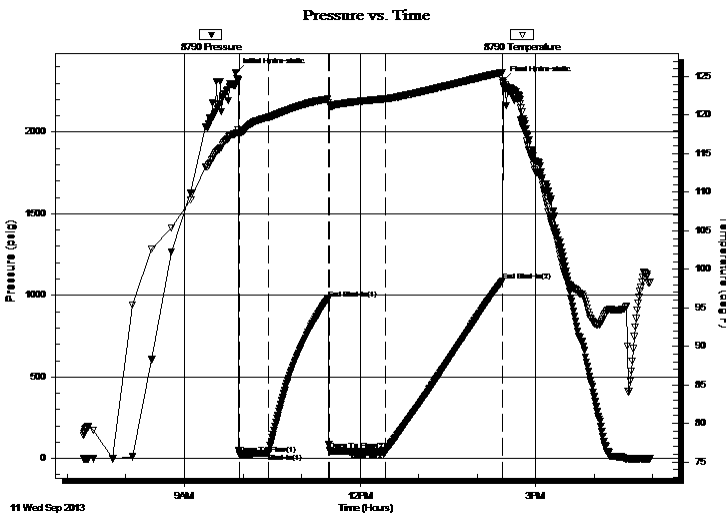
Serial #: 8790

Inside

Press @ Run Depth: 41.89 psig @ 4763.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.11 End Date: 2013.09.11 Last Calib.: 2013.09.11
 Start Time: 07:16:43 End Time: 16:57:38 Time On Btm: 2013.09.11 @ 09:52:53
 Time Off Btm: 2013.09.11 @ 14:26:38

TEST COMMENT: IF: Strong blow . BOB @ 1min. No GTS.
 IS: No blow
 FF: Strong blow . BOB immed. No GTS.
 FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2366.36	117.60	Initial Hydro-static
4	27.26	117.74	Open To Flow (1)
34	33.13	119.72	Shut-In(1)
95	980.59	122.07	End Shut-In(1)
96	50.79	121.35	Open To Flow (2)
153	41.89	122.10	Shut-In(2)
273	1089.69	125.54	End Shut-In(2)
274	2316.73	124.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	OCM 7%oil, 93%mud	0.98
0.00	4646' GIP	0.00

Gas Rates

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



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FLUID SUMMARY

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10-35s.-12w. Barber Co. KS

125 N. Market Ste. 1000
Wichita, KS 67202-1729

Miller C 4

Job Ticket: 52455

DST#: 1

ATTN:

Test Start: 2013.09.11 @ 07:16:38

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:

4000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
70.00	OCM 7%oil, 93%mud	0.982
0.00	4646' GIP	0.000

Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

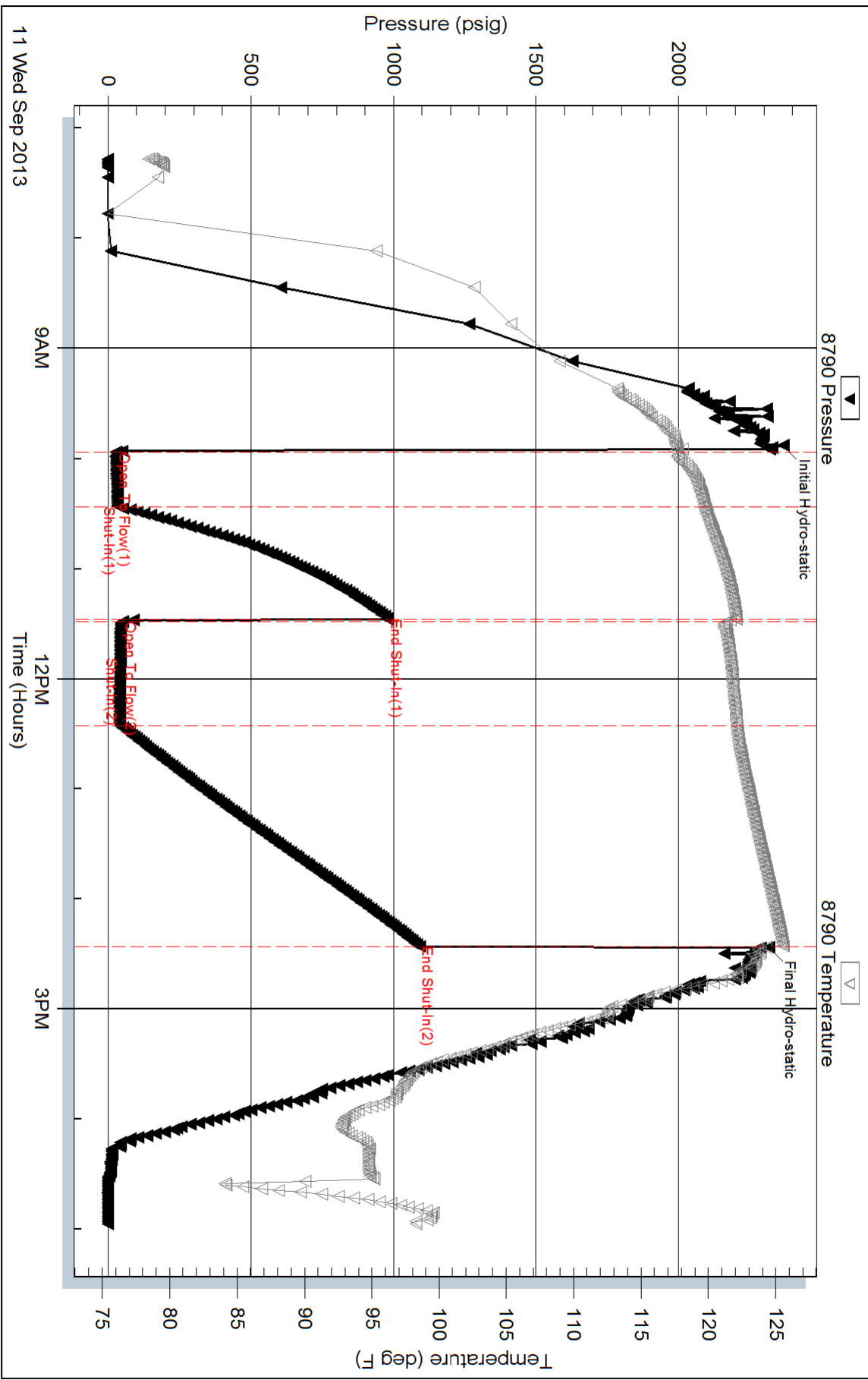
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Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

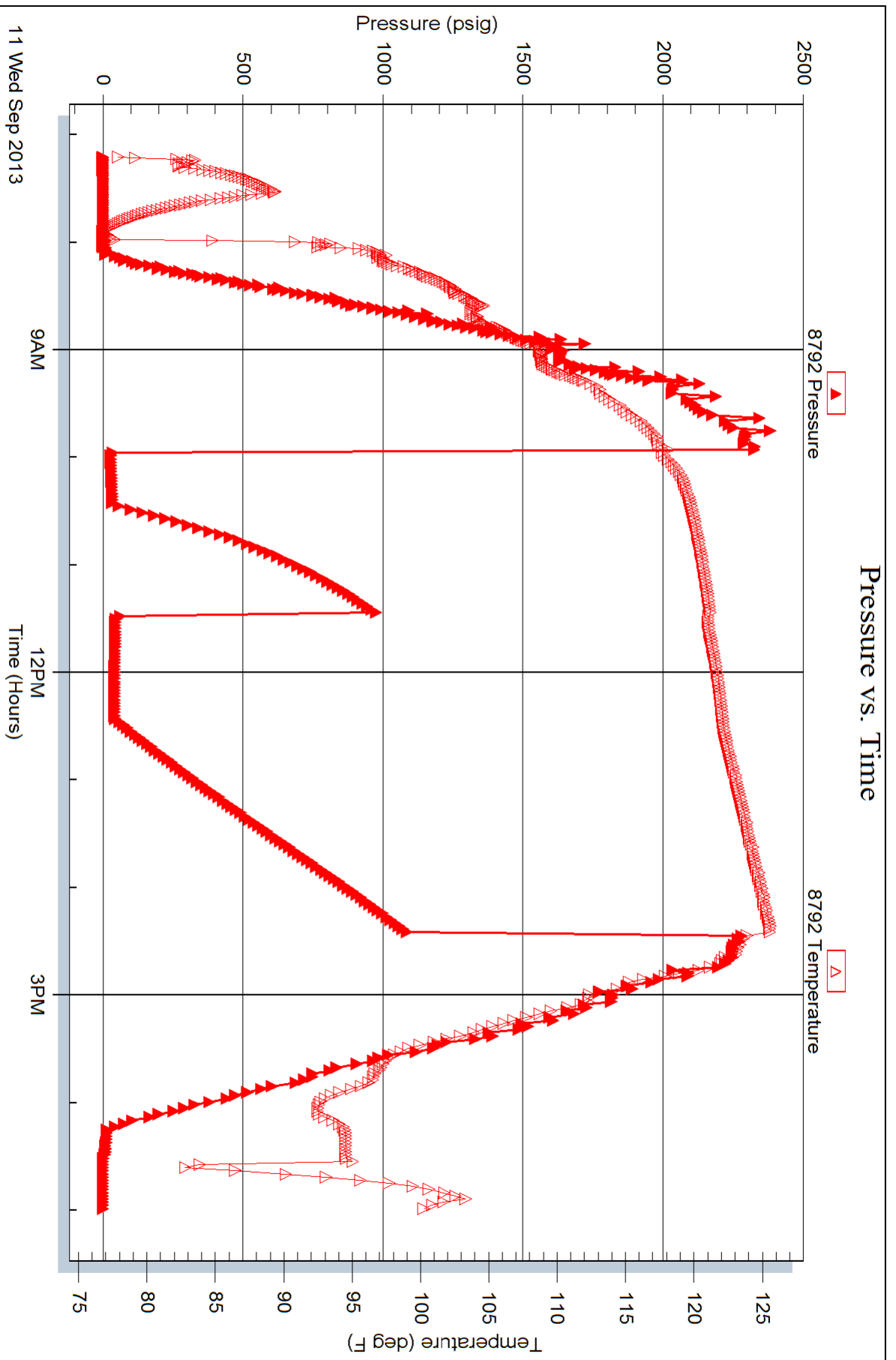


Serial #: 8792

Outside Woodsey Oper. Co. LLC.

Miller C4

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 52455

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