



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates

11-15s-16w-Ellis

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Chris Mitchell

Legleiter #1-11

Job Ticket: 52233

DST#: 3

Test Start: 2013.05.01 @ 05:16:14

GENERAL INFORMATION:

Formation: **G**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 07:30:29
 Time Test Ended: 12:29:44
 Interval: **3276.00 ft (KB) To 3314.00 ft (KB) (TVD)**
 Total Depth: 3314.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 1935.00 ft (KB)
 1925.00 ft (CF)
 KB to GR/CF: 10.00 ft

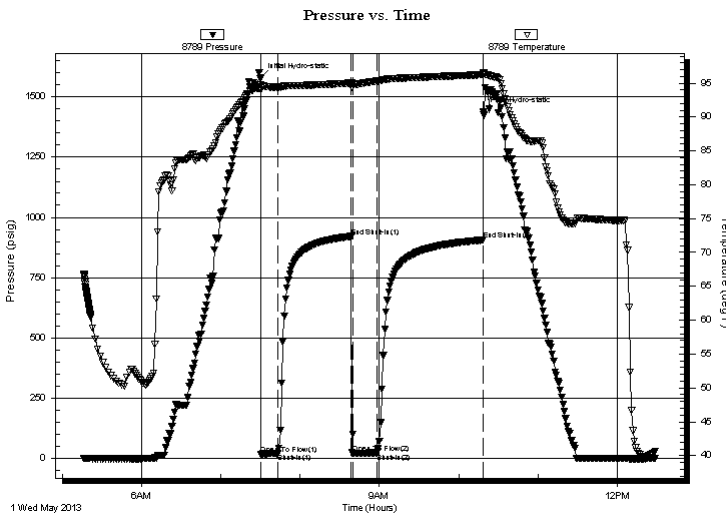
Serial #: 8789

Inside

Press @ Run Depth: 22.22 psig @ 3278.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.01 End Date: 2013.05.01 Last Calib.: 2013.05.01
 Start Time: 05:16:16 End Time: 12:29:44 Time On Btm: 2013.05.01 @ 07:30:14
 Time Off Btm: 2013.05.01 @ 10:18:44

TEST COMMENT: IFP-Weak Surface Blow
 ISI-Dead
 FFP-Dead
 FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1580.39	94.81	Initial Hydro-static
1	14.34	94.02	Open To Flow (1)
13	18.92	94.38	Shut-In(1)
69	920.74	95.02	End Shut-In(1)
70	21.23	94.81	Open To Flow (2)
88	22.22	95.30	Shut-In(2)
169	906.14	96.24	End Shut-In(2)
169	1437.17	96.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSOCWM-2%O-15%W-83%M	0.14

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates

11-15s-16w-Ellis

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Chris Mitchell

Legleiter #1-11

Job Ticket: 52233

DST#: 3

Test Start: 2013.05.01 @ 05:16:14

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:

34000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	VSOCWM-2%O-15%W-83%M	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbf

Num Fluid Samples: 0

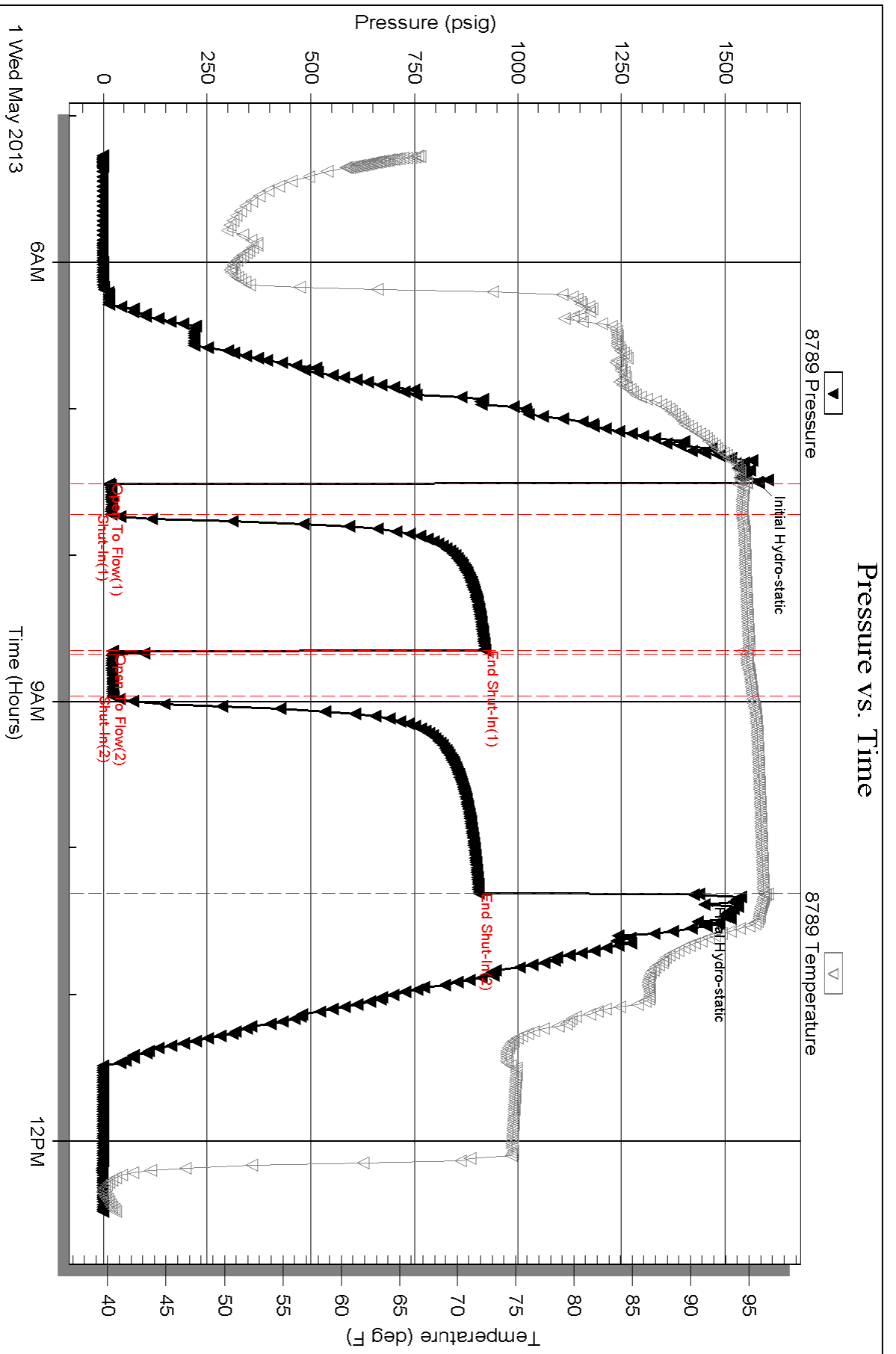
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler-110#-50%Water-50%Mud



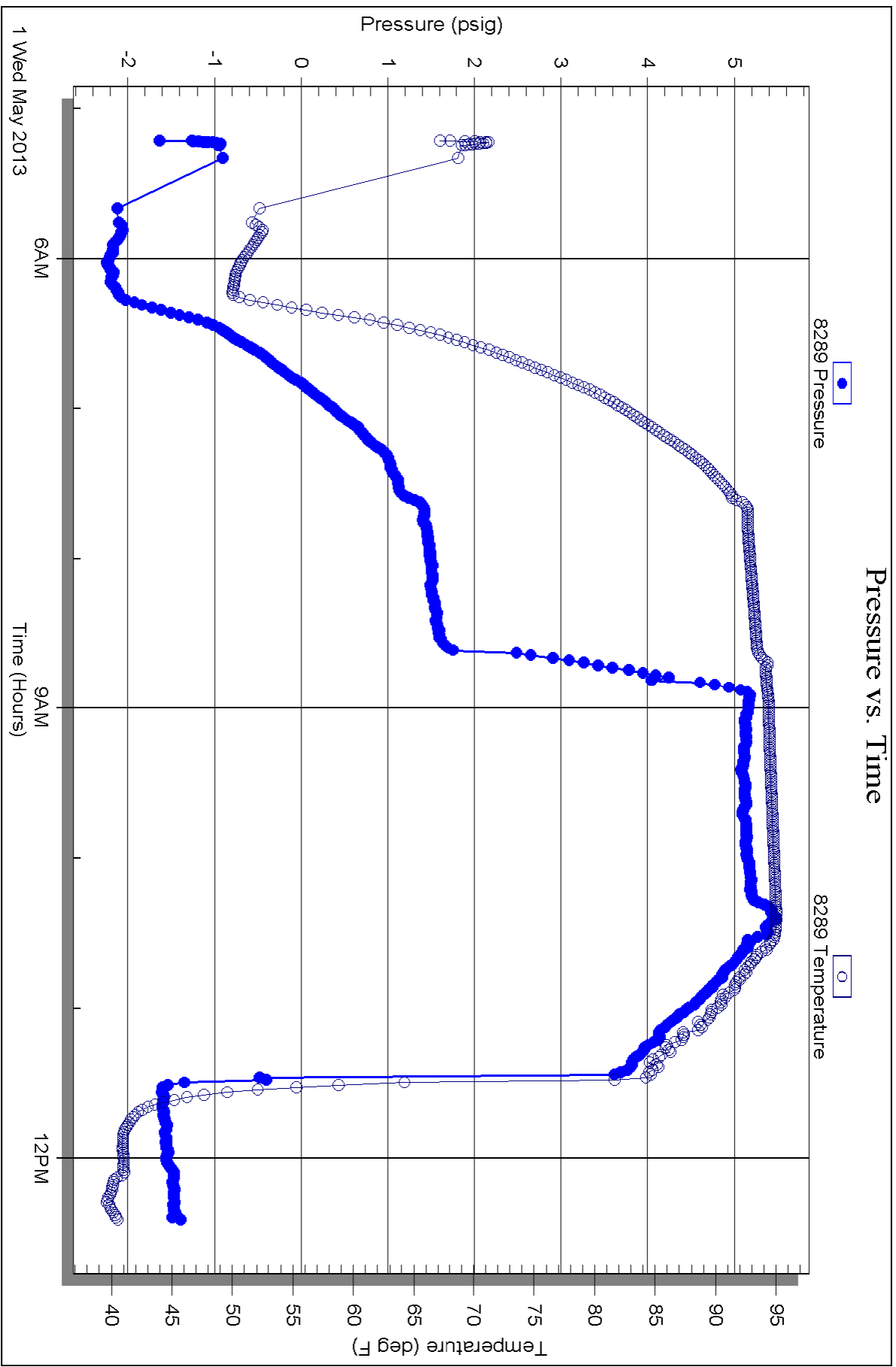
Serial #: 8289

Fluid

Samuel Gary Jr & Associates

Legleiter #1-11

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 52233

Printed: 2013.05.01 @ 13:24:12