



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Assoc. Inc.

7-5S-35W

1515 Wynkoop, Suite 700
Denver, CO, 80202

Fisher #2-7

ATTN: Chris Mitchell

Job Ticket: 62370

DST#: 2

Test Start: 2015.05.13 @ 05:33:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:43:30

Time Test Ended: 13:10:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: 54

Interval: 4603.00 ft (KB) To 4638.00 ft (KB) (TVD)

Reference Elevations: 3281.00 ft (KB)

Total Depth: 4638.00 ft (KB) (TVD)

3270.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6753 Outside

Press@RunDepth: 22.41 psig @ 4604.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.13

End Date:

2015.05.13

Last Calib.: 2015.05.13

Start Time: 05:33:05

End Time:

13:10:29

Time On Btm: 2015.05.13 @ 07:43:15

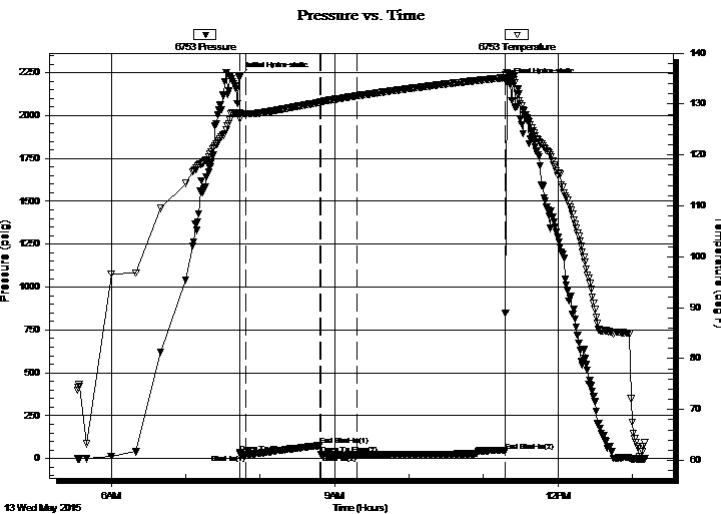
Time Off Btm: 2015.05.13 @ 11:18:45

TEST COMMENT: 5 - IF - Surface blow built to 1/4"

60 - ISI - No Return

30 - FF - No Surface blow

120 - FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2224.98	128.25	Initial Hydro-static
1	33.55	127.06	Open To Flow (1)
6	26.62	128.06	Shut-In(1)
65	77.16	130.33	End Shut-In(1)
66	22.88	130.34	Open To Flow (2)
95	22.41	131.59	Shut-In(2)
215	43.53	135.18	End Shut-In(2)
216	2190.63	136.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud - 100M	0.02

Gas Rates

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



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FLUID SUMMARY

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DST#: 2

ATTN: Chris Mitchell

Test Start: 2015.05.13 @ 05:33:00

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: 67.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	Mud - 100M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

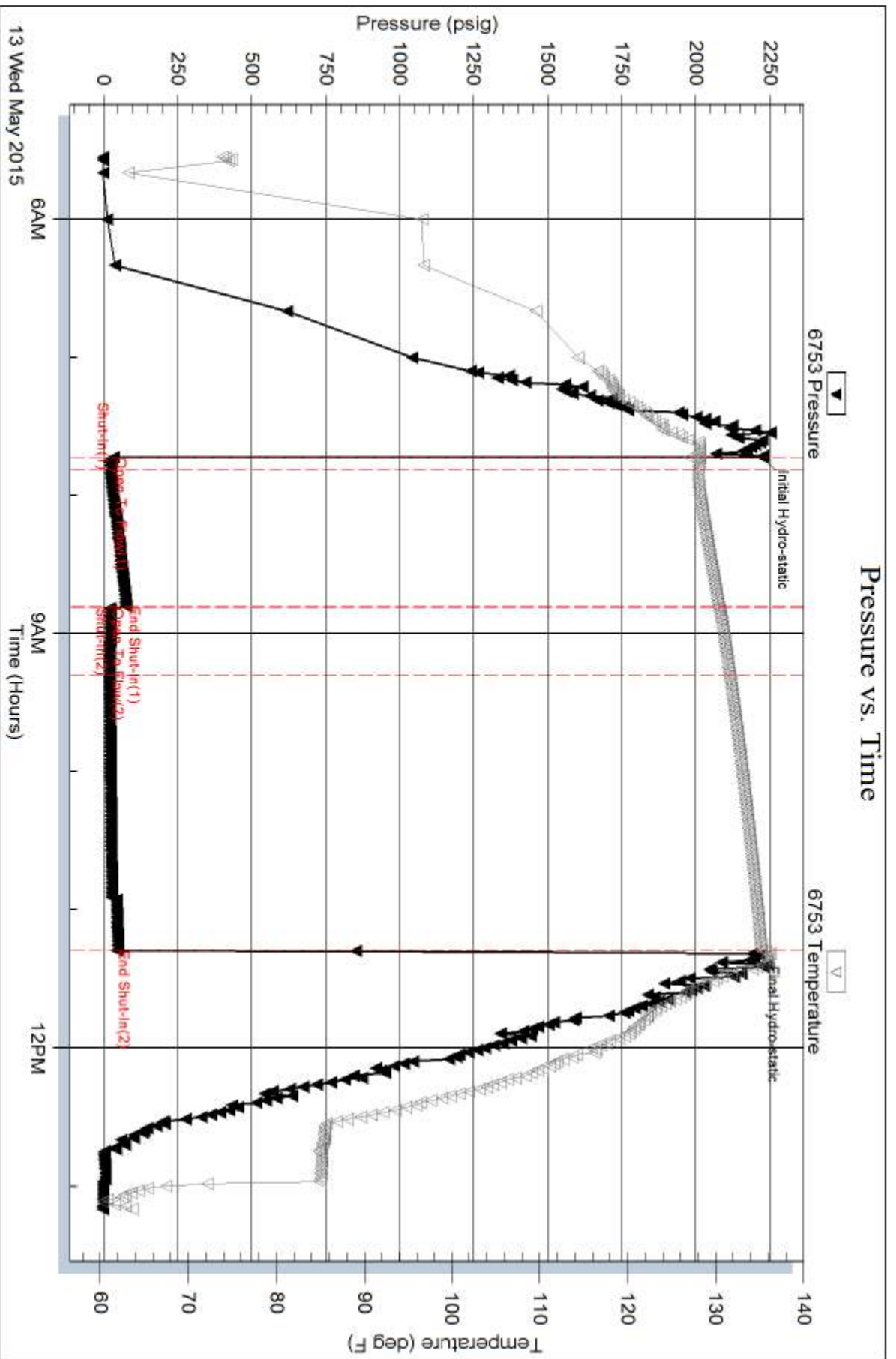
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



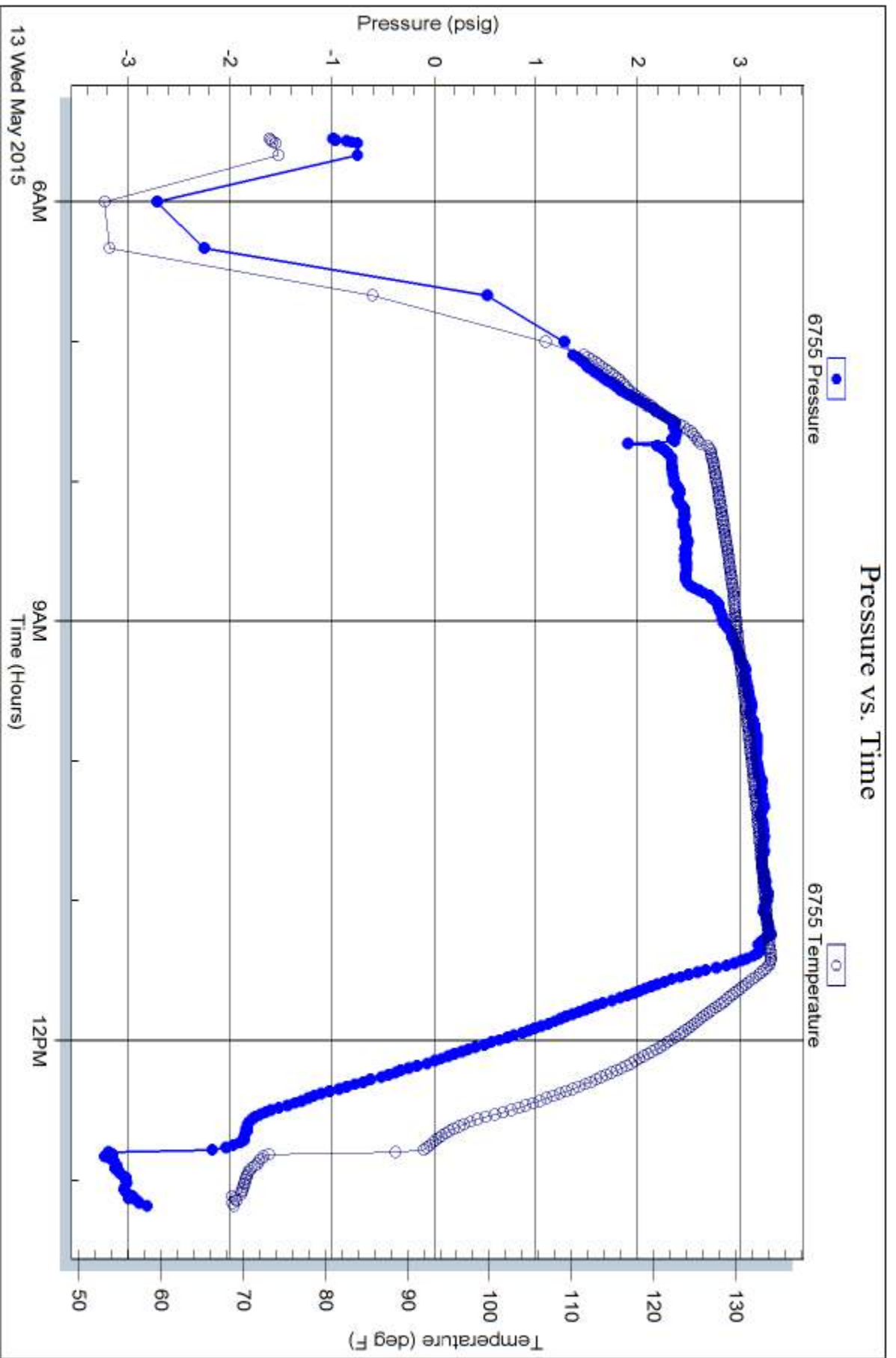
Serial #: 6755

Fluid

Samuel Gary Jr. & Assoc. Inc.

Fisher #2-7

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 62370

Printed: 2015.05.14 @ 09:18:30