



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates, Inc.

**15/12S/17W-Ellis**

1515 Wynkoop Ste. 700  
Denver, CO 80202

**Phil Schmeidler**

ATTN: Clayton Camozzi

Job Ticket: 47212

**DST#: 2**

Test Start: 2012.03.31 @ 15:03:15

## GENERAL INFORMATION:

Formation: **Landing "E-Middle G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:19:35

Time Test Ended: 22:02:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

**Interval: 3438.00 ft (KB) To 3485.00 ft (KB) (TVD)**

Reference Elevations: 2150.00 ft (KB)

Total Depth: 3485.00 ft (KB) (TVD)

2142.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8354 Inside**

Press @ Run Depth: 46.71 psig @ 3442.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.31

End Date:

2012.03.31

Last Calib.:

2012.03.31

Start Time:

15:13:15

End Time:

22:02:15

Time On Btm:

2012.03.31 @ 16:19:25

Time Off Btm:

2012.03.31 @ 19:59:15

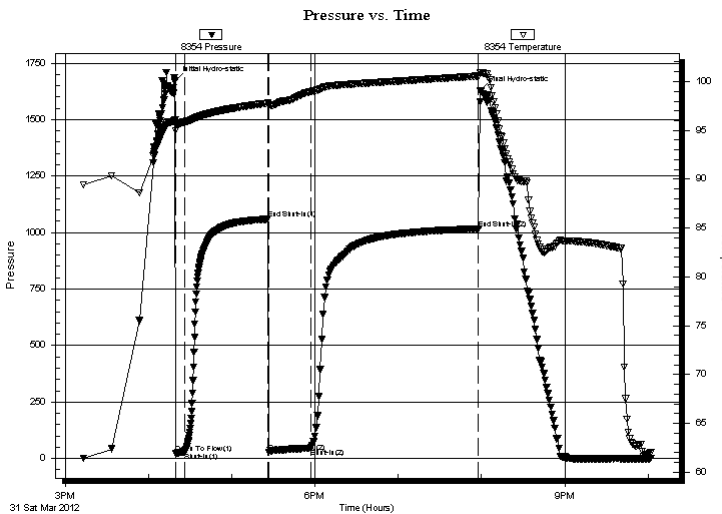
TEST COMMENT: IF-Fair building blow . Built to 4 inches.

ISI-No Return.

FF-Strong building blow . Built to BOB in 5 minutes.

FSI-Return @ 1&1/2 minutes. Built to 1&1/2 inches. Times-5-60-30-120

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1672.99	96.06	Initial Hydro-static
1	20.94	94.98	Open To Flow (1)
7	29.60	95.86	Shut-In(1)
67	1059.39	97.80	End Shut-In(1)
68	28.59	97.58	Open To Flow (2)
98	46.71	98.96	Shut-In(2)
219	1016.02	100.57	End Shut-In(2)
220	1629.43	100.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
75.00	20% Gas/40% Oil/40% Mud	0.77
0.00	298' G.I.P.	0.00

## Gas Rates

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







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**FLUID SUMMARY**

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**Phil Schmeidler**

Job Ticket: 47212

**DST#: 2**

ATTN: Clayton Camozzi

Test Start: 2012.03.31 @ 15:03:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	20%Gas/40%Oil/40%Mud	0.770
0.00	298' G.I.P.	0.000

Total Length: 75.00 ft      Total Volume: 0.770 bbl

Num Fluid Samples: 0

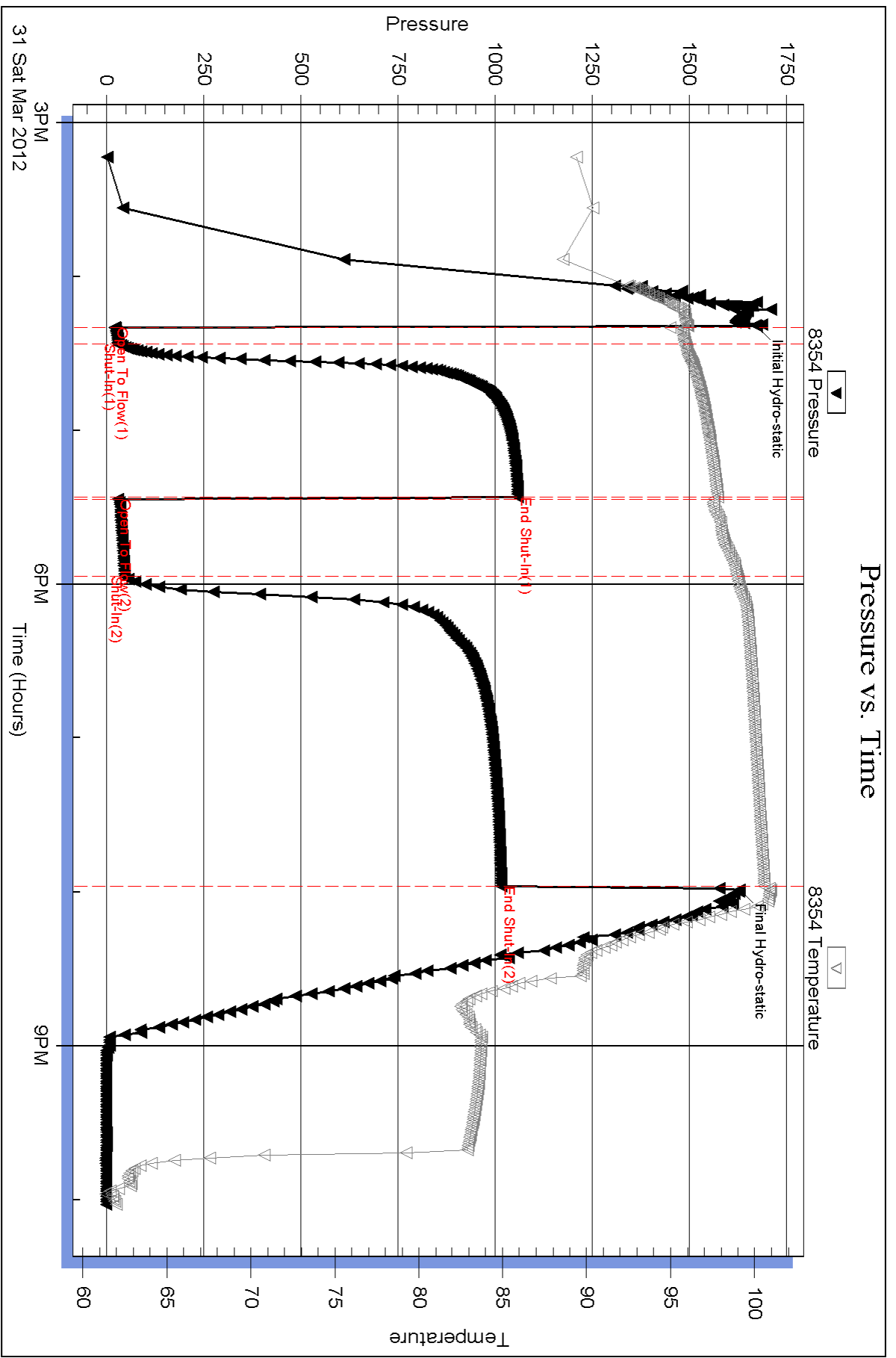
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler-2000ML total. 1000ML Oil. 1.5 cubic feet of gas.  
450# of pressure. Gravity 32.

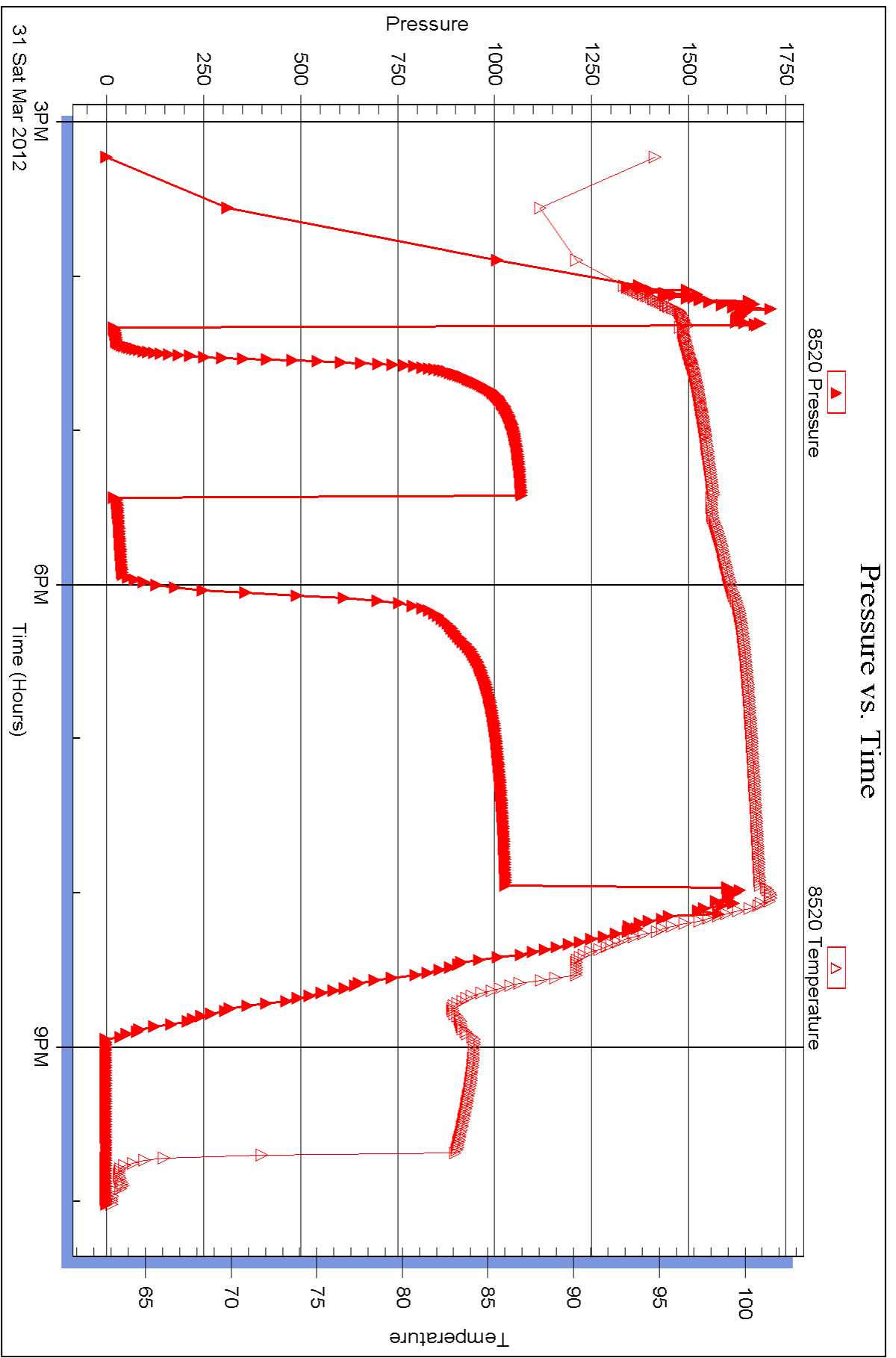


Serial #: 8520

Outside Samuel Gary Jr. & Associates, Inc.

Phil Schneider

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 47212

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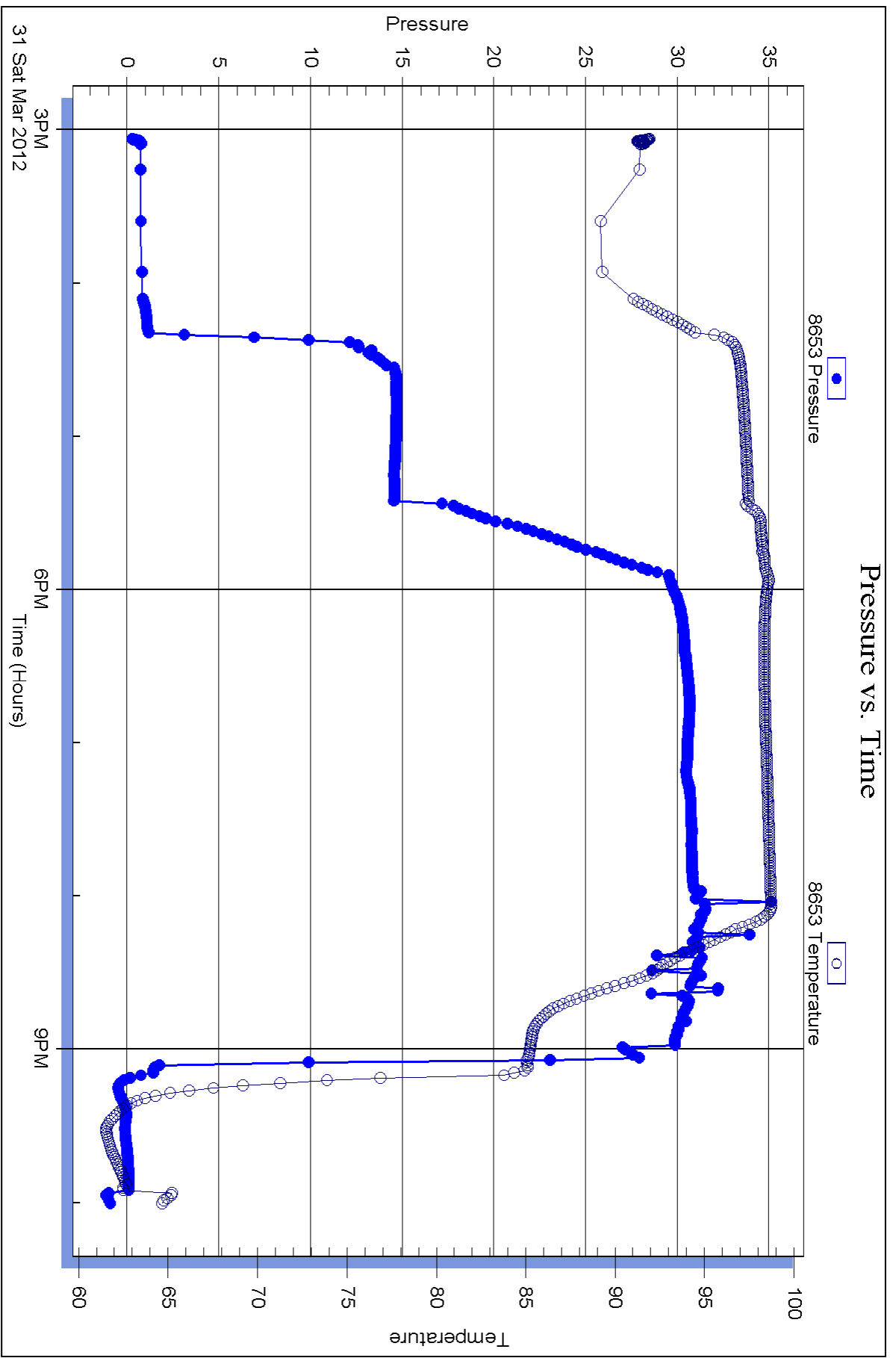
Serial #: 8653

Fluid

Samuel Gary Jr. & Associates, Inc.

Phil Schneider

DST Test Number: 2



Triobite Testing, Inc

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