



**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: 62371

**DST#: 3**

Test Start: 2015.05.14 @ 09:12:00

## GENERAL INFORMATION:

Formation: **Lans. 'K & L'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:24:30

Time Test Ended: 15:32:30

Test Type: Conventional Straddle (Initial)

Tester: Royal Fisher

Unit No: #54

**Interval: 4356.00 ft (KB) To 4432.00 ft (KB) (TVD)**

Reference Elevations: 3281.00 ft (KB)

Total Depth: 4748.00 ft (KB) (TVD)

3270.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 6753**

**Inside**

Press@RunDepth: 117.66 psig @ 4357.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.14

End Date:

2015.05.14

Last Calib.:

2015.05.14

Start Time: 09:12:05

End Time:

15:32:29

Time On Btm:

2015.05.14 @ 11:24:00

Time Off Btm:

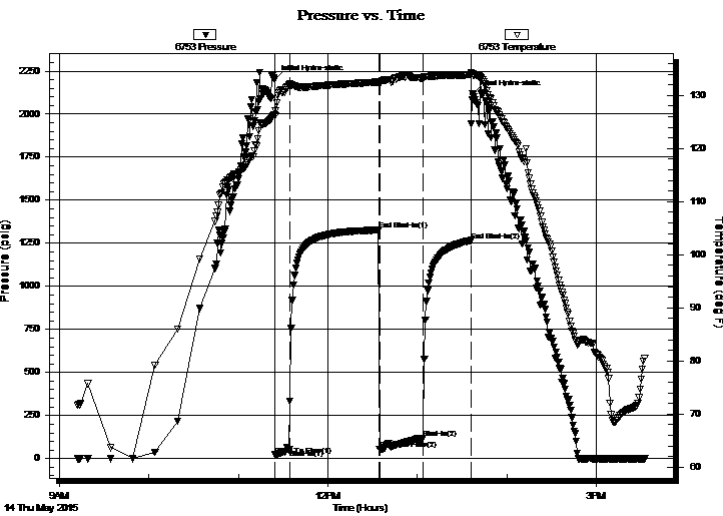
2015.05.14 @ 13:37:00

TEST COMMENT: 10 - IF - Surface blow built up to 2"

60 - ISI - No Return

30 - FF - No Surface blow

30 - FSI - No Return



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2201.46         | 126.40       | Initial Hydro-static |
| 1           | 22.07           | 126.25       | Open To Flow (1)     |
| 10          | 54.81           | 131.94       | Shut-In(1)           |
| 70          | 1327.63         | 132.53       | End Shut-In(1)       |
| 71          | 52.93           | 132.03       | Open To Flow (2)     |
| 100         | 117.66          | 133.29       | Shut-In(2)           |
| 132         | 1266.83         | 133.89       | End Shut-In(2)       |
| 133         | 2116.24         | 134.02       | Final Hydro-static   |

## Recovery

| Length (ft) | Description    | Volume (bbl) |
|-------------|----------------|--------------|
| 220.00      | WM - 25W - 75M | 1.21         |
|             |                |              |
|             |                |              |
|             |                |              |
|             |                |              |

## Gas Rates

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





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## FLUID SUMMARY

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**Fisher #2-7**

Job Ticket: 62371

**DST#: 3**

ATTN: Chris Mitchell

Test Start: 2015.05.14 @ 09:12:00

### 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: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

#### Recovery Table

| Length<br>ft | Description    | Volume<br>bbl |
|--------------|----------------|---------------|
| 220.00       | WM - 25W - 75M | 1.210         |

Total Length: 220.00 ft      Total Volume: 1.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

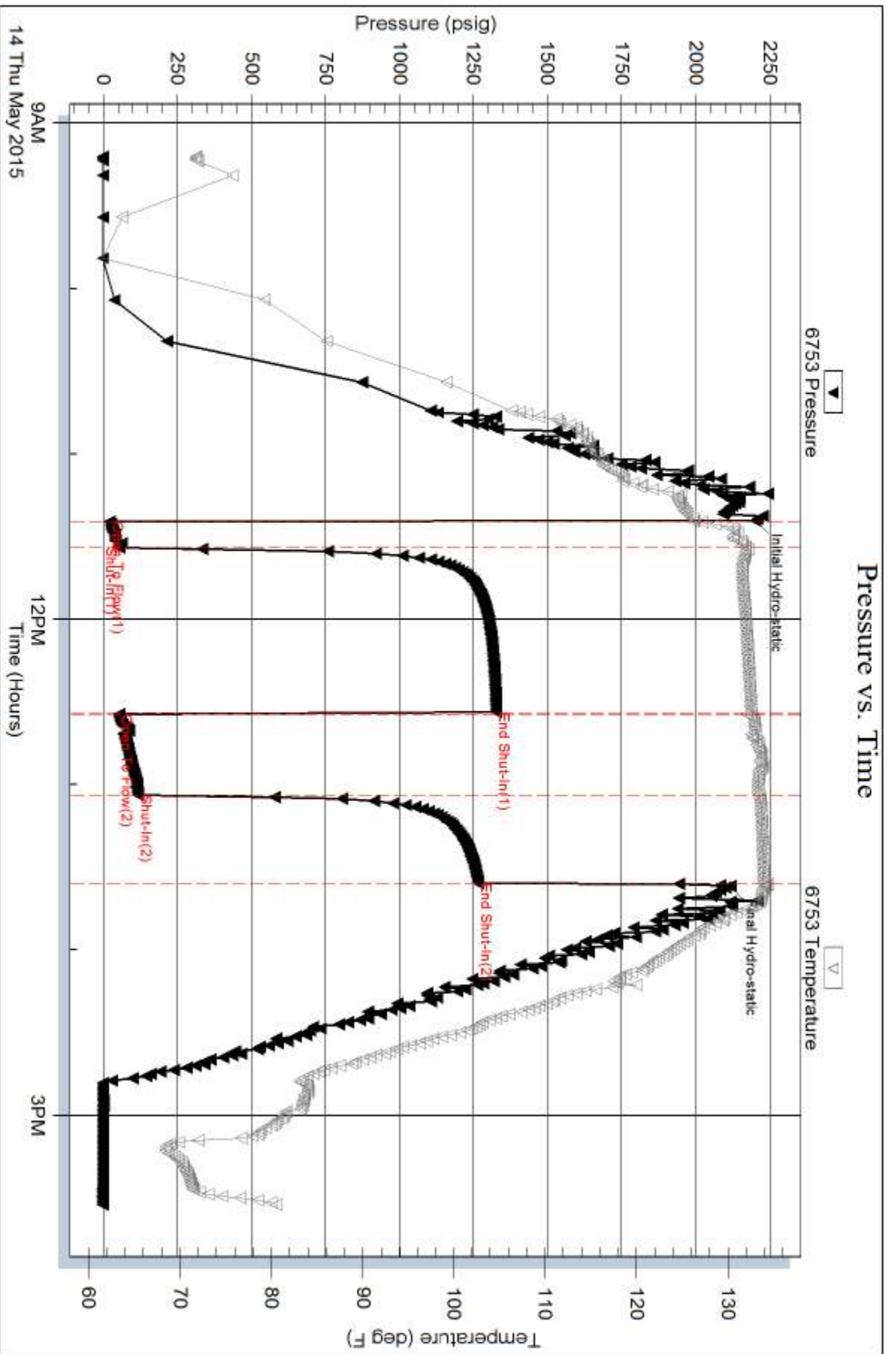
Serial #: 6753

Inside

Samuel Gary Jr. & Assoc. Inc.

Fisher #2-7

DST Test Number: 3



Triobrite Testing, Inc

Ref. No: 62371

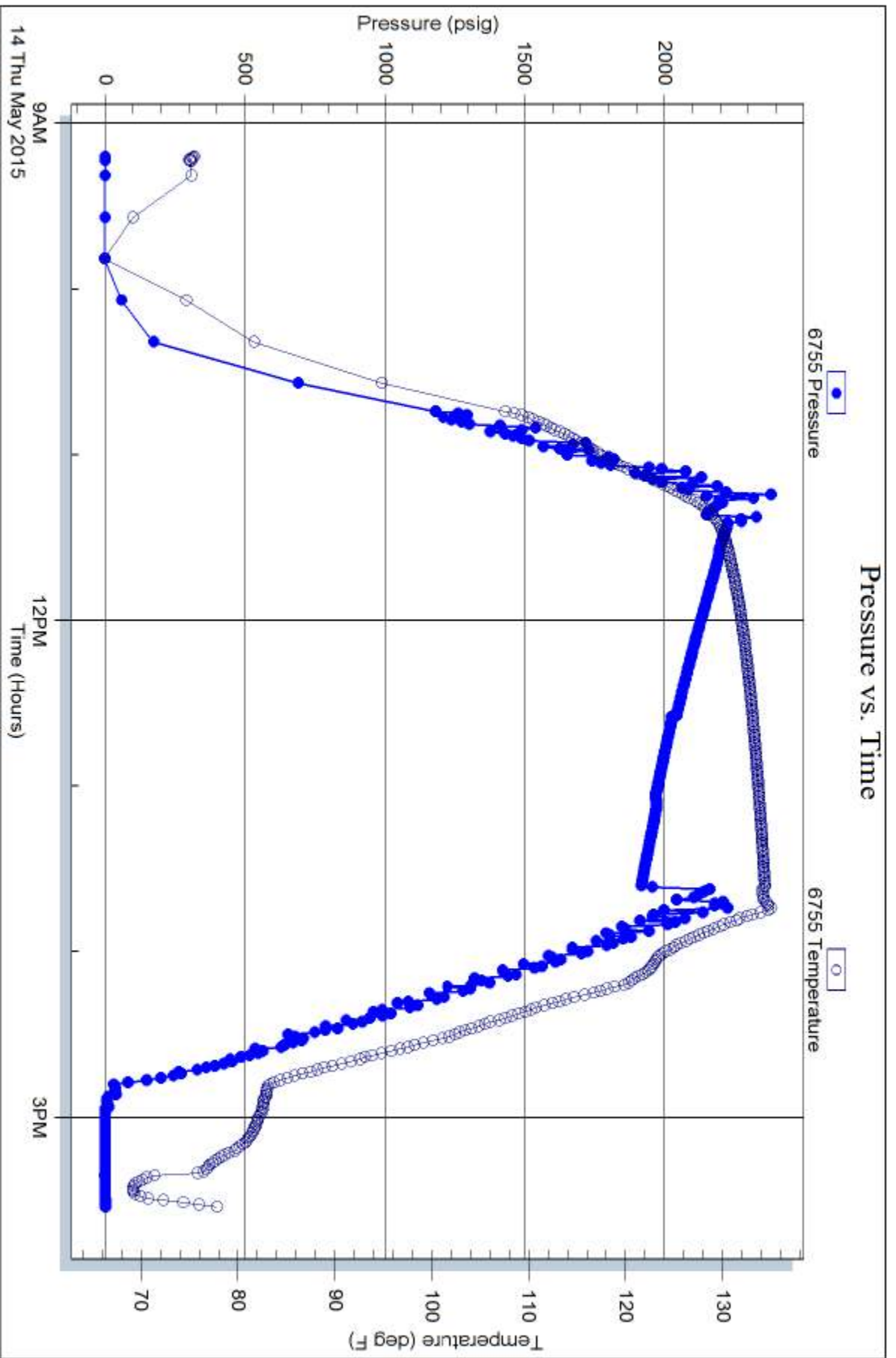
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Serial #: 6755

Below (Stratton) Gary J. & Assoc. Inc.

Fisher #2-7

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 62371

Printed: 2015.05.14 @ 16:32:56