



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates, Inc.

**5-9S-16W Rooks, KS**

1515 Wynkoop Ste. 700  
Denver, CO 80202

**Lola #1-5**

Job Ticket: 58393

**DST#: 3**

ATTN: Chris Mitchell

Test Start: 2014.08.10 @ 17:19:27

## GENERAL INFORMATION:

Formation: **LKC "I&J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:05:27

Time Test Ended: 00:18:27

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 62

**Interval: 3193.00 ft (KB) To 3254.00 ft (KB) (TVD)**

Reference Elevations: 1919.00 ft (KB)

Total Depth: 3254.00 ft (KB) (TVD)

1911.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8651**

**Inside**

Press@RunDepth: 31.91 psig @ 3194.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.10

End Date:

2014.08.11

Last Calib.:

2014.08.11

Start Time: 17:19:28

End Time:

00:18:27

Time On Btm:

2014.08.10 @ 19:03:27

Time Off Btm:

2014.08.10 @ 22:45:27

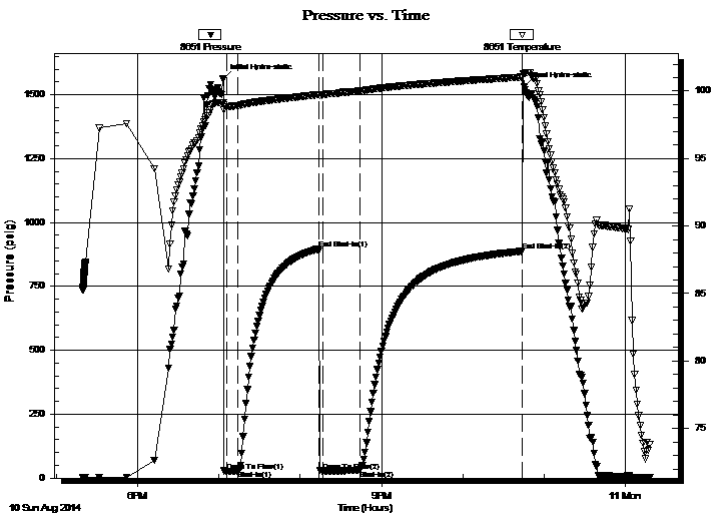
TEST COMMENT: 010- IF- Weak surface blow

060- IS- No blow

030- FF- No blow

120- FS- No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1563.15	99.13	Initial Hydro-static
2	27.00	98.85	Open To Flow (1)
11	28.46	98.92	Shut-In(1)
70	897.08	99.73	End Shut-In(1)
73	28.16	99.71	Open To Flow (2)
101	31.91	100.00	Shut-In(2)
221	888.17	101.03	End Shut-In(2)
222	1530.84	101.28	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	M	0.05

\* Recovery from multiple tests

## Gas Rates

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





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**FLUID SUMMARY**

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Job Ticket: 58393

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ATTN: Chris Mitchell

Test Start: 2014.08.10 @ 17:19:27

## 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 2000mL M @ 185PSI

Serial #: 8651

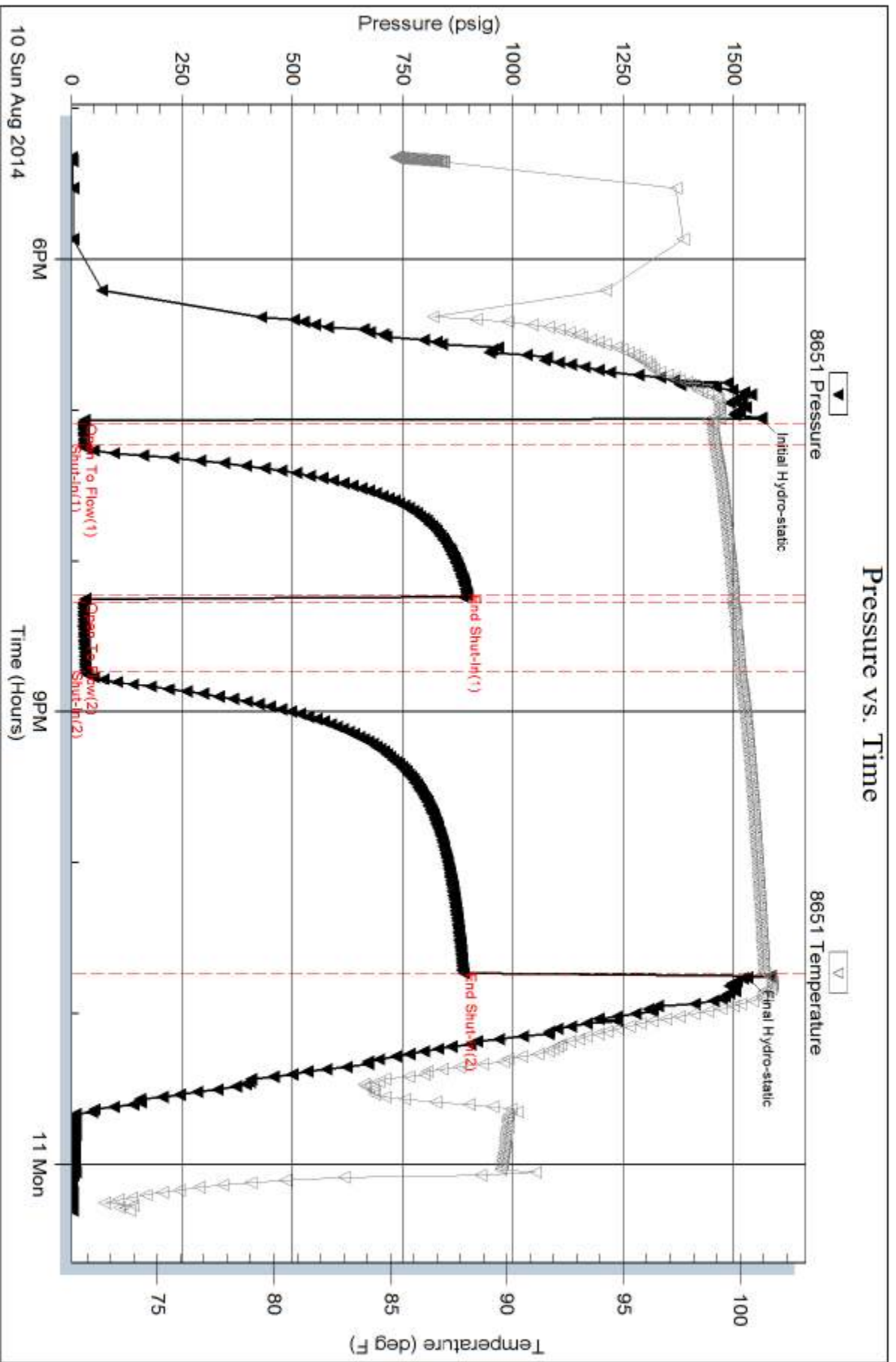
Inside

Samuel Gary Jr. & Associates, Inc.

Lot# 1-5

DST Test Number: 3

### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 58393

Printed: 2014.08.11 @ 07:51:55

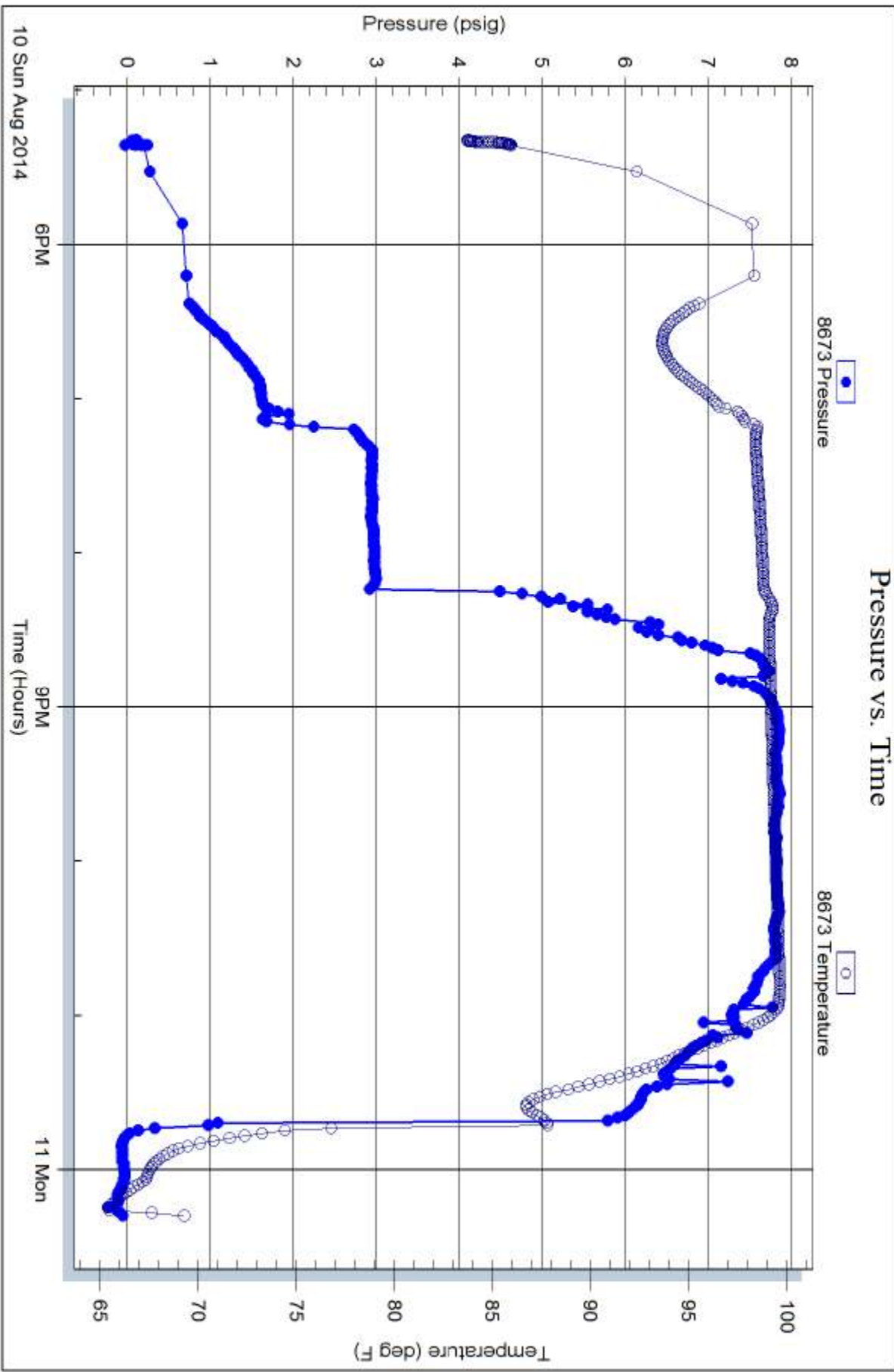
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Fluid

Samuel Gary Jr. & Associates, Inc.

Lot# #1-5

DST Test Number: 3



Trilobite Testing, Inc

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