



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

**12/5s/23w**

1515 Wynkoop, STE 700  
Denver, Co 80202

**Dean #1-12**

ATTN: Clayton Camozzi

Job Ticket: 56970

**DST#: 4**

Test Start: 2014.04.06 @ 02:28:00

## GENERAL INFORMATION:

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

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:38:00

Time Test Ended: 12:08:00

Test Type: Conventional Straddle (Initial)

Tester: Kevin Mack/Brandon Q

Unit No: 66

**Interval: 3543.00 ft (KB) To 3572.00 ft (KB) (TVD)**

Reference Elevations: 2235.00 ft (KB)

Total Depth: 3850.00 ft (KB) (TVD)

2227.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8874 Inside**

Press @ RunDepth: 18.86 psig @ 3544.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.06

End Date:

2014.04.06

Last Calib.:

2014.04.06

Start Time: 02:29:00

End Time:

12:08:00

Time On Btm:

2014.04.06 @ 05:36:30

Time Off Btm:

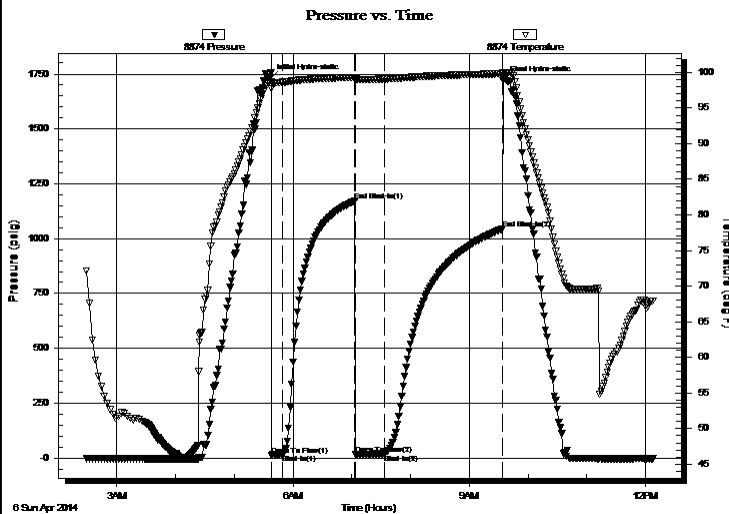
2014.04.06 @ 09:34:30

**TEST COMMENT:** 10 - IF - Opened at 1/4" built to 3/4"

75 - ISI - No Return

30 - FF - No Blow

120 - FSI - No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1731.14	98.56	Initial Hydro-static
2	13.44	97.70	Open To Flow (1)
13	15.94	98.63	Shut-In(1)
87	1171.32	99.32	End Shut-In(1)
87	17.12	98.86	Open To Flow (2)
117	18.86	99.07	Shut-In(2)
238	1044.30	99.82	End Shut-In(2)
238	1719.05	100.00	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%m	0.02

## Gas Rates

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









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**FLUID SUMMARY**

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Job Ticket: 56970

**DST#: 4**

ATTN: Clayton Camozzi

Test Start: 2014.04.06 @ 02:28:00

## 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: 51.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

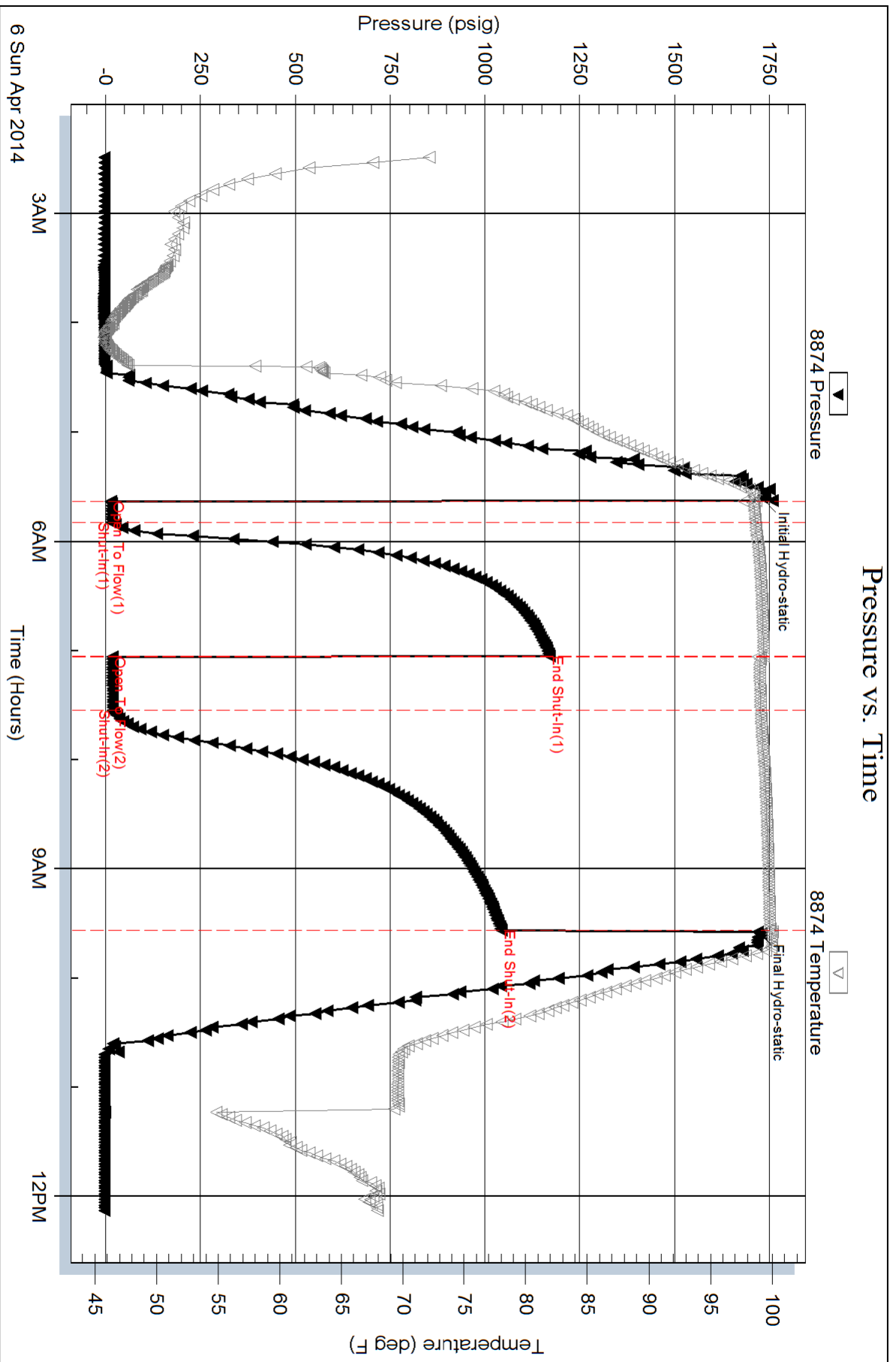
Serial #:

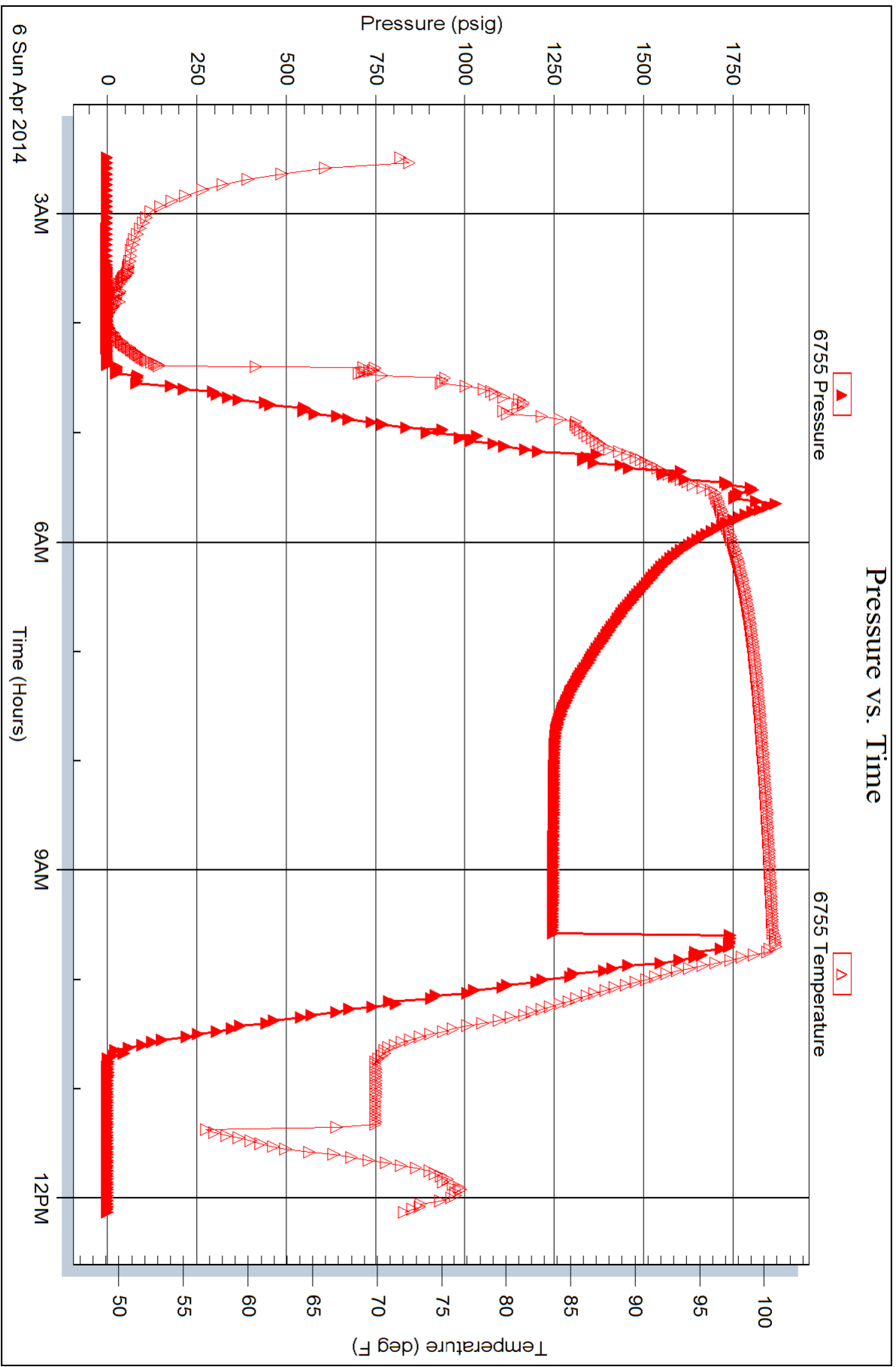
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





Serial #: 8653

Outside Samuel Gary Jr. & Associates

Dean #1-12

DST Test Number: 4

