



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates, Inc.

**18-10S-27W Sheridan, KS**

1515 Wynkoop, Stw 700  
Denver, CO 80202

**Dale #1-18**

Job Ticket: 61168

**DST#: 1**

ATTN: Clayton Camozzi

Test Start: 2015.04.27 @ 13:41:06

## GENERAL INFORMATION:

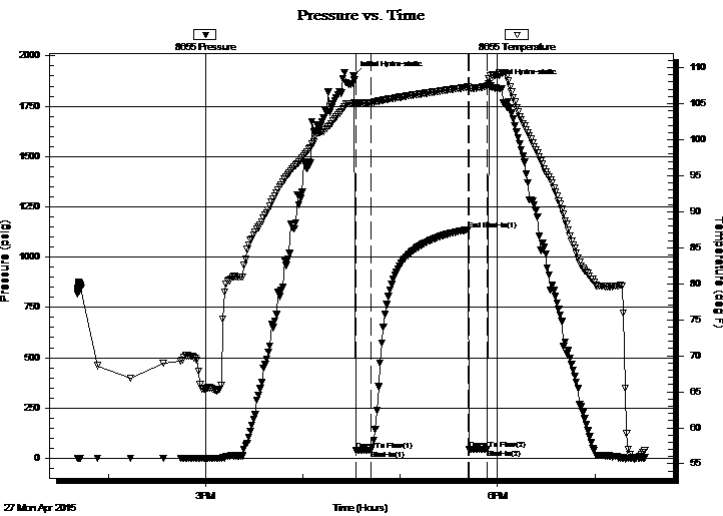
Formation: **LKC "C&D"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:32:36  
 Time Test Ended: 19:31:06  
 Interval: **3850.00 ft (KB) To 3904.00 ft (KB) (TVD)**  
 Total Depth: 3904.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Brannan Lonsdale  
 Unit No: 62  
 Reference Elevations: 2690.00 ft (KB)  
 2682.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 8655

Outside

Press@RunDepth: 39.00 psig @ 3869.00 ft (KB)  
 Start Date: 2015.04.27 End Date: 2015.04.27  
 Start Time: 13:41:07 End Time: 19:31:06  
 Capacity: 8000.00 psig  
 Last Calib.: 2015.04.27  
 Time On Btm: 2015.04.27 @ 16:31:06  
 Time Off Btm: 2015.04.27 @ 17:54:36

TEST COMMENT: 10- IF- Surface blow  
 60- IS- No blow  
 10- Very weak surface blow Pulled tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1900.18	105.02	Initial Hydro-static
2	38.02	104.86	Open To Flow (1)
11	39.00	105.14	Shut-In(1)
71	1136.26	107.30	End Shut-In(1)
72	42.87	107.11	Open To Flow (2)
83	46.46	107.45	Shut-In(2)
84	1862.24	108.49	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	M w / oil spots	0.07

## Gas Rates

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



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## GENERAL INFORMATION:

Formation: **LKC "C&D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:32:36

Time Test Ended: 19:31:06

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 62

**Interval: 3850.00 ft (KB) To 3904.00 ft (KB) (TVD)**

Reference Elevations: 2690.00 ft (KB)

Total Depth: 3904.00 ft (KB) (TVD)

2682.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

**Serial #: 8673**

**Fluid**

Press@RunDepth: psig @ 3824.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.04.27 End Date: 2015.04.27

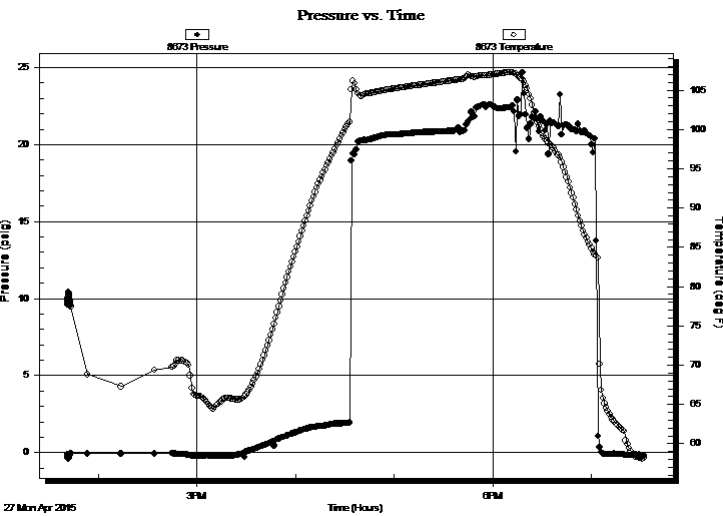
Last Calib.: 2015.04.27

Start Time: 13:41:27 End Time: 19:32:26

Time On Btm:

Time Off Btm:

**TEST COMMENT:** 10- IF- Surface blow  
60- IS- No blow  
10- Very weak surface blow Pulled tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	M w / oil spots	0.07

## Gas Rates

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



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# DRILL STEM TEST REPORT

## FLUID SUMMARY

Samuel Gary Jr. & Associates, Inc.

**18-10S-27W Sheridan, KS**

1515 Wynkoop, Stw 700  
Denver, CO 80202

**Dale #1-18**

Job Ticket: 61168

**DST#: 1**

ATTN: Clayton Camozzi

Test Start: 2015.04.27 @ 13:41:06

### 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: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 750.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mw / oil spots	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

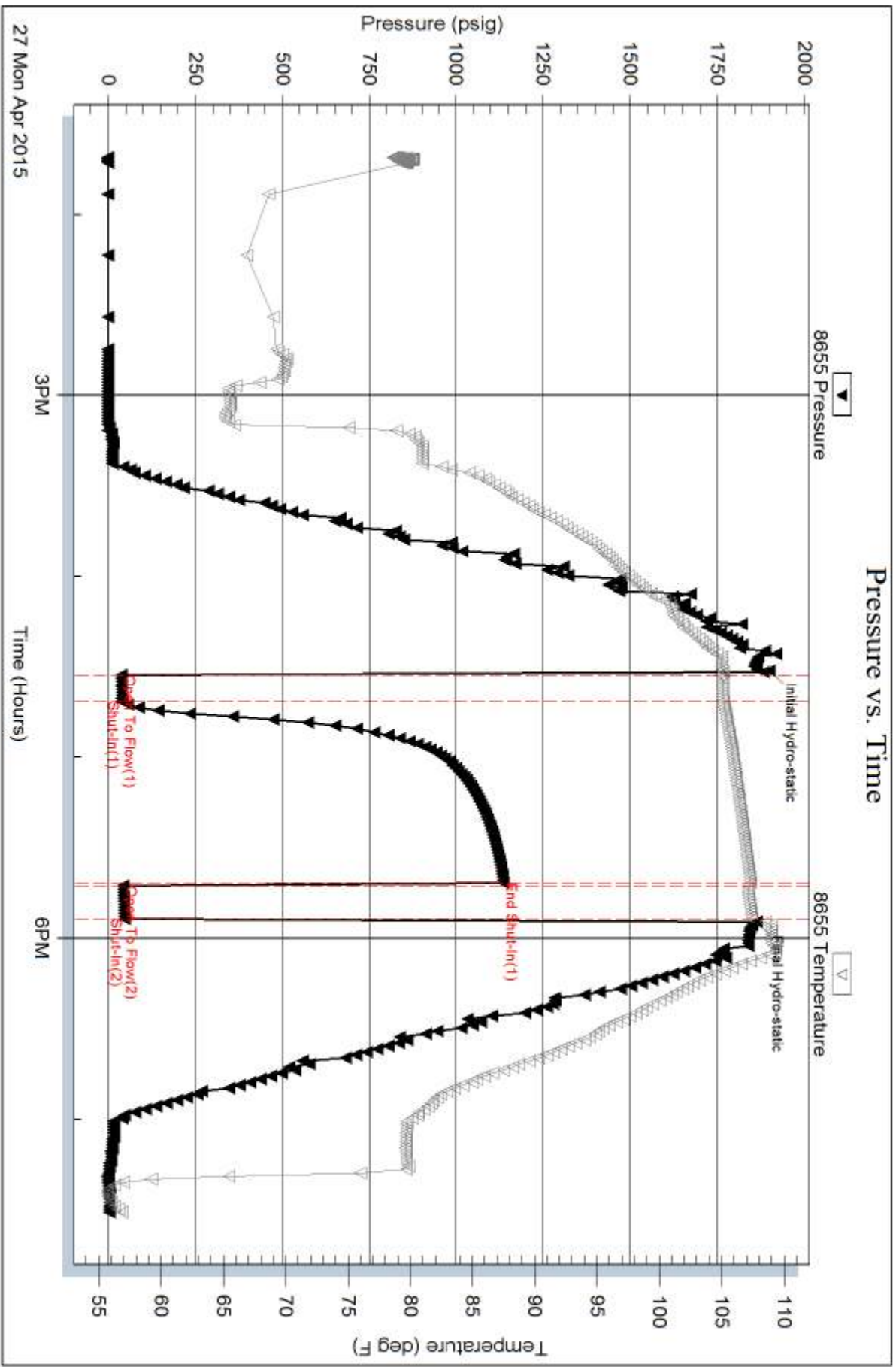
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



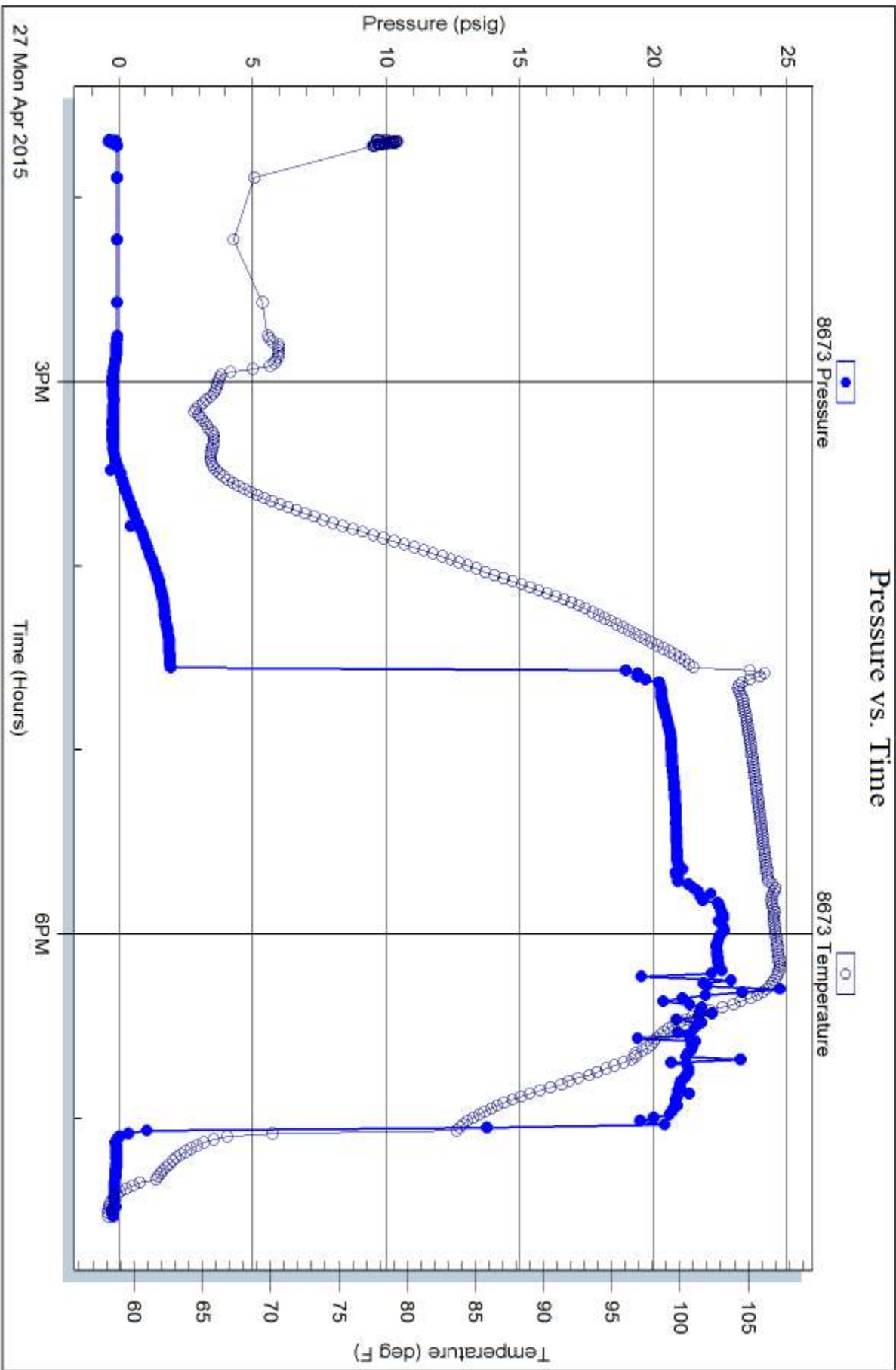
Serial #: 8673

Fluid

Samuel Gary Jr. & Associates, Inc.

Date #1-18

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61168

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