



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr & Associates Inc

**Willy Nilly #16A-32-916**

1515 Wynkoop STE 700  
Denver CO 80202+2062

**32-9s-16w Rooks KS**

Job Ticket: 65988

**DST#: 4**

ATTN: Wyatt Urban

Test Start: 2019.08.28 @ 23:41:00

## GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:53:02

Time Test Ended: 06:50:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J Staab

Unit No: 84

**Interval: 3324.00 ft (KB) To 3420.00 ft (KB) (TVD)**

Reference Elevations: 2053.00 ft (KB)

Total Depth: 3420.00 ft (KB) (TVD)

2045.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8374 Inside**

Press@RunDepth: 25.08 psig @ 3328.00 ft (KB)

Capacity: psig

Start Date: 2019.08.28

End Date:

2019.08.29

Last Calib.:

2019.08.29

Start Time: 23:41:01

End Time:

06:50:02

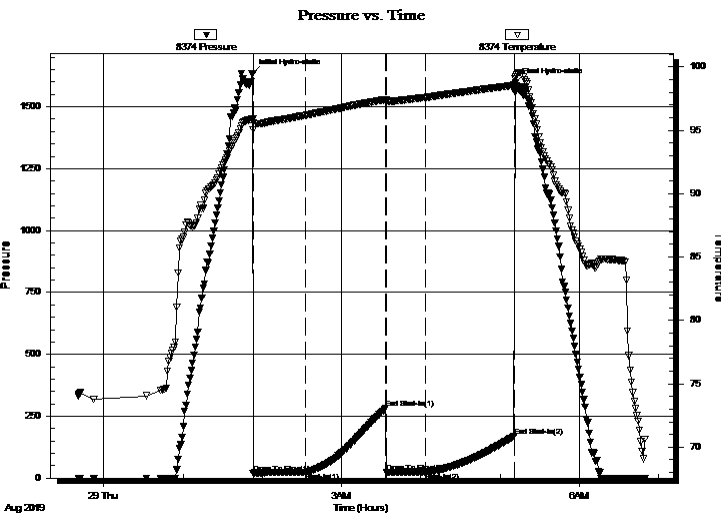
Time On Btm:

2019.08.29 @ 01:52:47

Time Off Btm:

2019.08.29 @ 05:11:32

**TEST COMMENT:** 40- Built to 1/4"; Tried closing tool @ 10 min; tool wouldnt turn due to faulty slip dyes; took 30 mins to change  
60-ISI-No Return  
30-FF-Weak Surface Blow  
60-FSI-No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1634.80	95.92	Initial Hydro-static
1	20.59	95.04	Open To Flow (1)
40	23.22	96.17	Shut-In(1)
101	281.40	97.39	End Shut-In(1)
101	24.16	97.37	Open To Flow (2)
131	25.08	97.59	Shut-In(2)
198	169.13	98.58	End Shut-In(2)
199	1595.31	99.23	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w/oil specks 100%M	0.07

\* 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: 65988

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Test Start: 2019.08.28 @ 23:41:00

## 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: 46.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 60000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w /oil specks 100%M	0.073

Total Length: 10.00 ft      Total Volume: 0.073 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

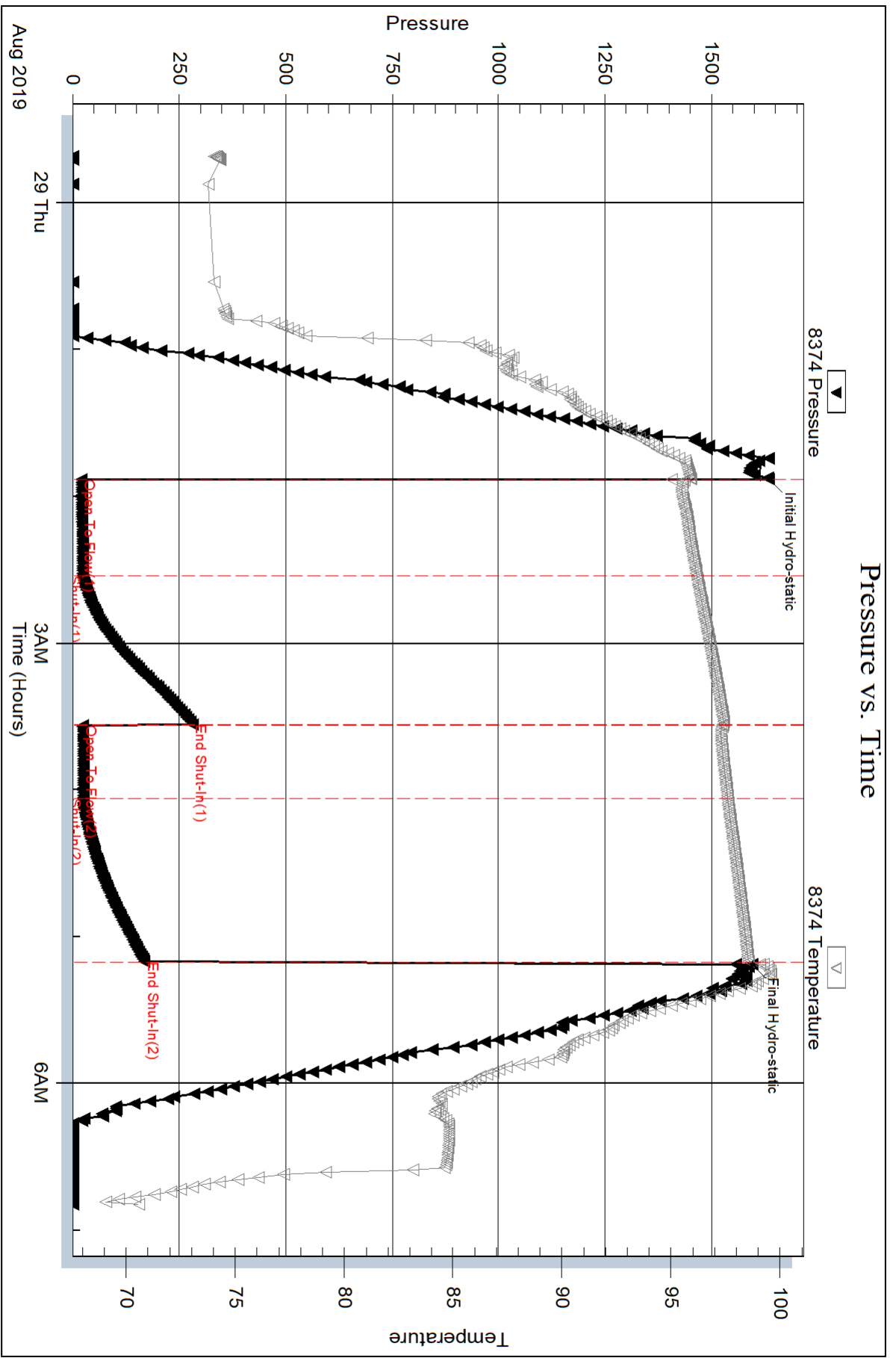
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 3/4#LCM

Sampler-10ml Oil 100ml Mud @40PSI



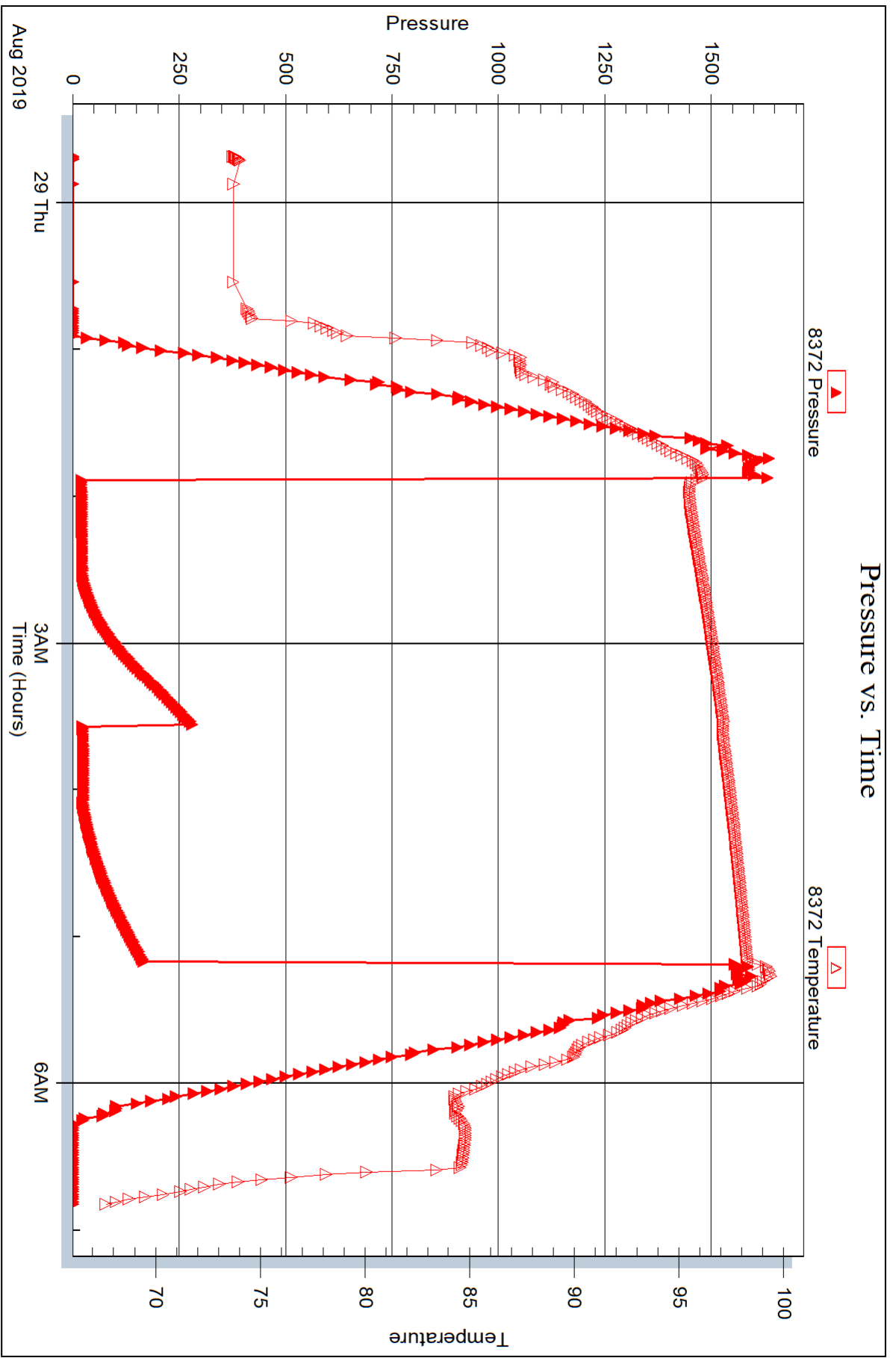
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Inside

Samuel Gary Jr & Associates Inc

32-95-16w Rooks KS

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 65988

Printed: 2019.08.29 @ 07:39:17

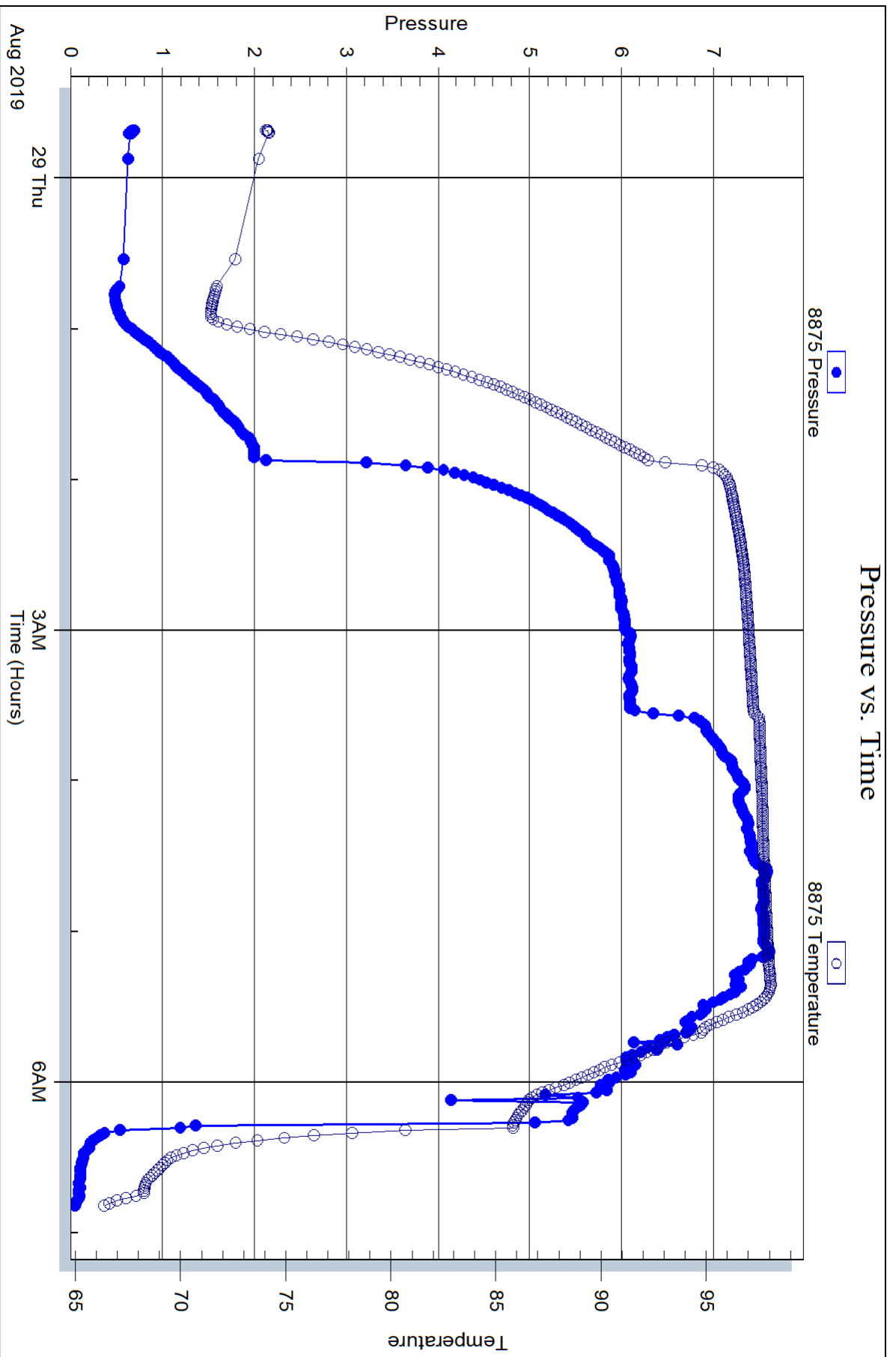
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Fluid

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32-95-16w Rooks KS

DST Test Number: 4



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