



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: 61170

DST#: 3

ATTN: Clayton Camozzi

Test Start: 2015.04.29 @ 01:24:00

GENERAL INFORMATION:

Formation: **LKC "K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:32:30
 Time Test Ended: 06:45:30
 Interval: **4022.00 ft (KB) To 4051.00 ft (KB) (TVD)**
 Total Depth: 4051.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brannan Lonsdale
 Unit No: 62
 Reference Elevations: 2690.00 ft (KB)
 2682.00 ft (CF)
 KB to GR/CF: 8.00 ft

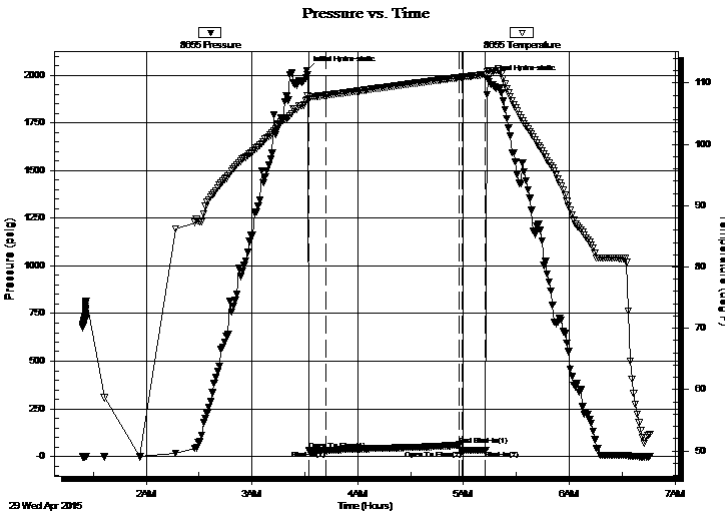
Serial #: 8655

Outside

Press@RunDepth: 31.54 psig @ 4048.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.04.29 End Date: 2015.04.29 Last Calib.: 2015.04.29
 Start Time: 01:24:01 End Time: 06:45:30 Time On Btm: 2015.04.29 @ 03:31:00
 Time Off Btm: 2015.04.29 @ 05:14:00

TEST COMMENT: 10- IF- Slowly built to .25"
 75- IS- No blow
 10- FF- No blow Pulled tool

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.02	107.34	Initial Hydro-static
2	32.62	107.48	Open To Flow (1)
11	31.54	108.01	Shut-In(1)
87	60.63	110.90	End Shut-In(1)
88	30.87	110.94	Open To Flow (2)
102	32.51	111.41	Shut-In(2)
103	1978.08	112.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	M	0.01

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

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
3.00	M	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

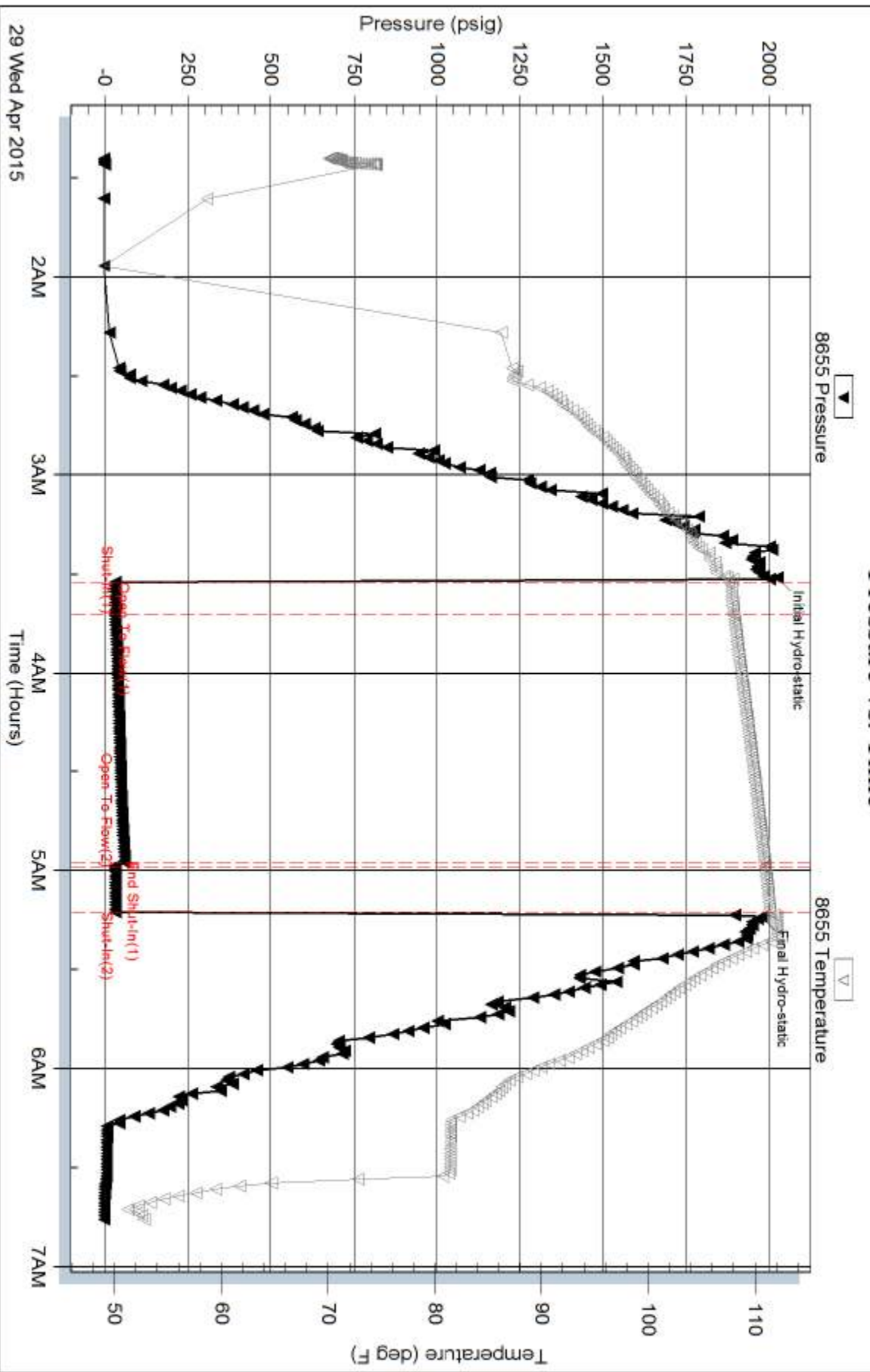
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Serial #: 8673

Fluid

Samuel Gary Jr. & Associates, Inc.

Date #1-18

DST Test Number: 3

