



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr & Ass.

**19-12s-22w Trego KS**

1515 Wynkoop Ste 700  
Denver CO, 80202

**Riedel Farms 1-19**

ATTN: Dan Prichard

Job Ticket: 54483

**DST#: 1**

Test Start: 2013.10.20 @ 22:41:00

## GENERAL INFORMATION:

Formation: **LKC "C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:00:45

Time Test Ended: 05:29:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Cody Bloedorn

Unit No: 53

**Interval: 3691.00 ft (KB) To 3744.00 ft (KB) (TVD)**

Reference Elevations: 2409.00 ft (KB)

Total Depth: 3744.00 ft (KB) (TVD)

2401.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

## Serial #: 6799

Inside

Press@RunDepth: 29.11 psig @ 3726.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.20

End Date:

2013.10.21

Last Calib.: 2013.10.21

Start Time: 22:41:05

End Time:

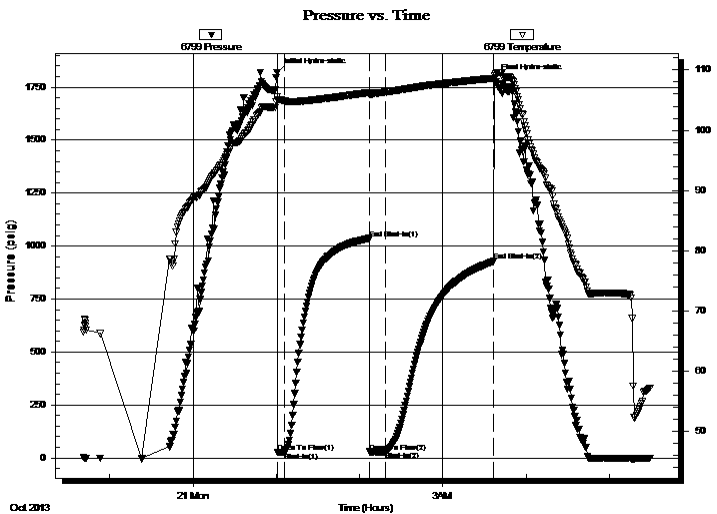
05:29:14

Time On Btm: 2013.10.21 @ 01:00:30

Time Off Btm: 2013.10.21 @ 03:37:15

TEST COMMENT: 05 - IF- 1/2" blow  
60 - IS- No return  
10 - FF- No blow  
75 - FS- No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1819.32	105.54	Initial Hydro-static
1	27.35	105.03	Open To Flow (1)
6	27.79	104.85	Shut-In(1)
67	1034.62	106.26	End Shut-In(1)
67	28.17	105.90	Open To Flow (2)
78	29.11	106.32	Shut-In(2)
157	927.84	108.63	End Shut-In(2)
157	1791.50	109.13	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud - show of oil, 100%M	0.07

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Samuel Gary Jr & Ass.

**19-12s-22w Trego KS**

1515 Wynkoop Ste 700  
Denver CO, 80202

**Riedel Farms 1-19**

Job Ticket: 54483

**DST#: 1**

ATTN: Dan Prichard

Test Start: 2013.10.20 @ 22:41:00

## 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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud - show of oil, 100%M	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

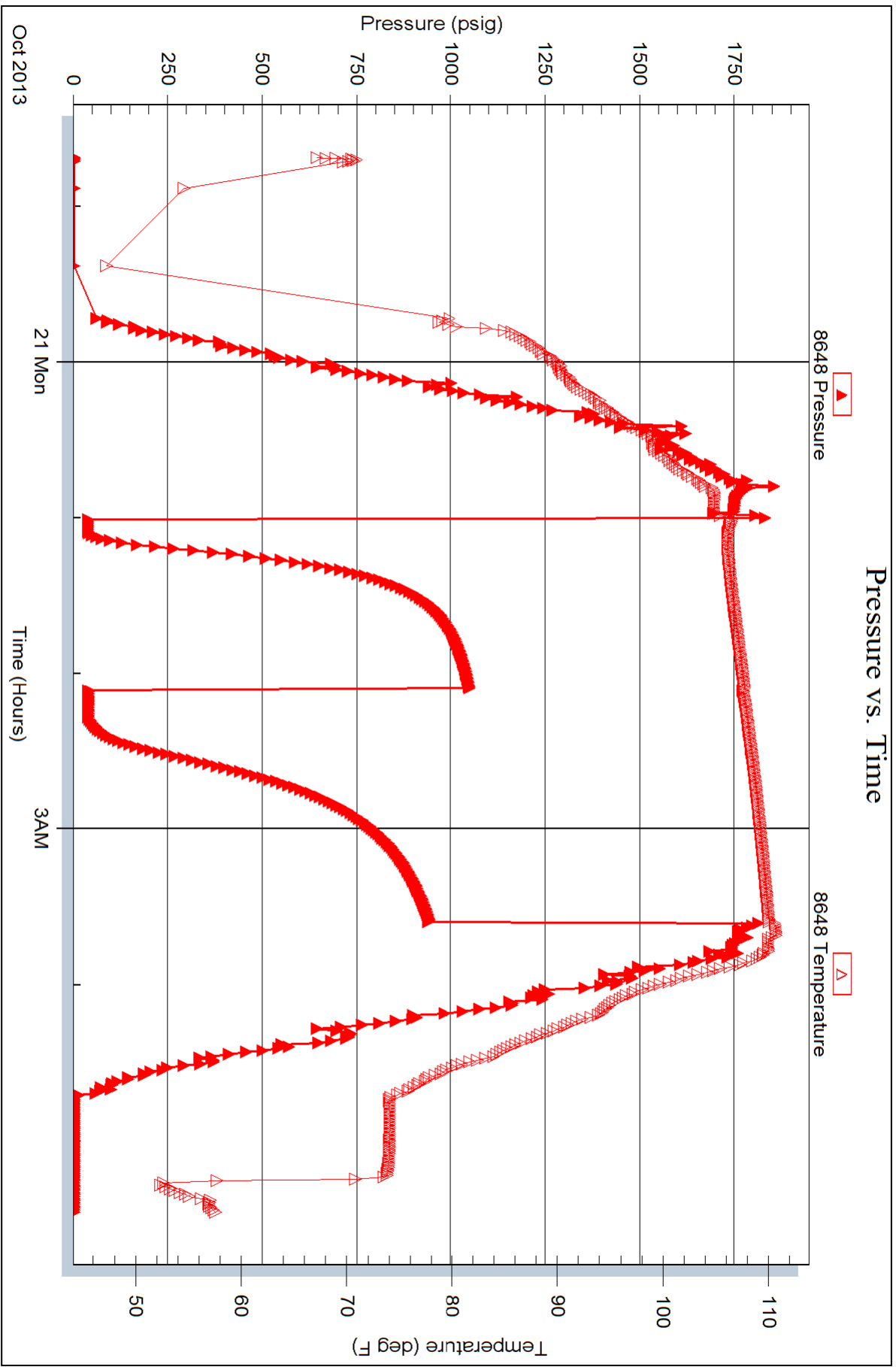
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 200 PSI, 100% MUD, 2000ml Mud





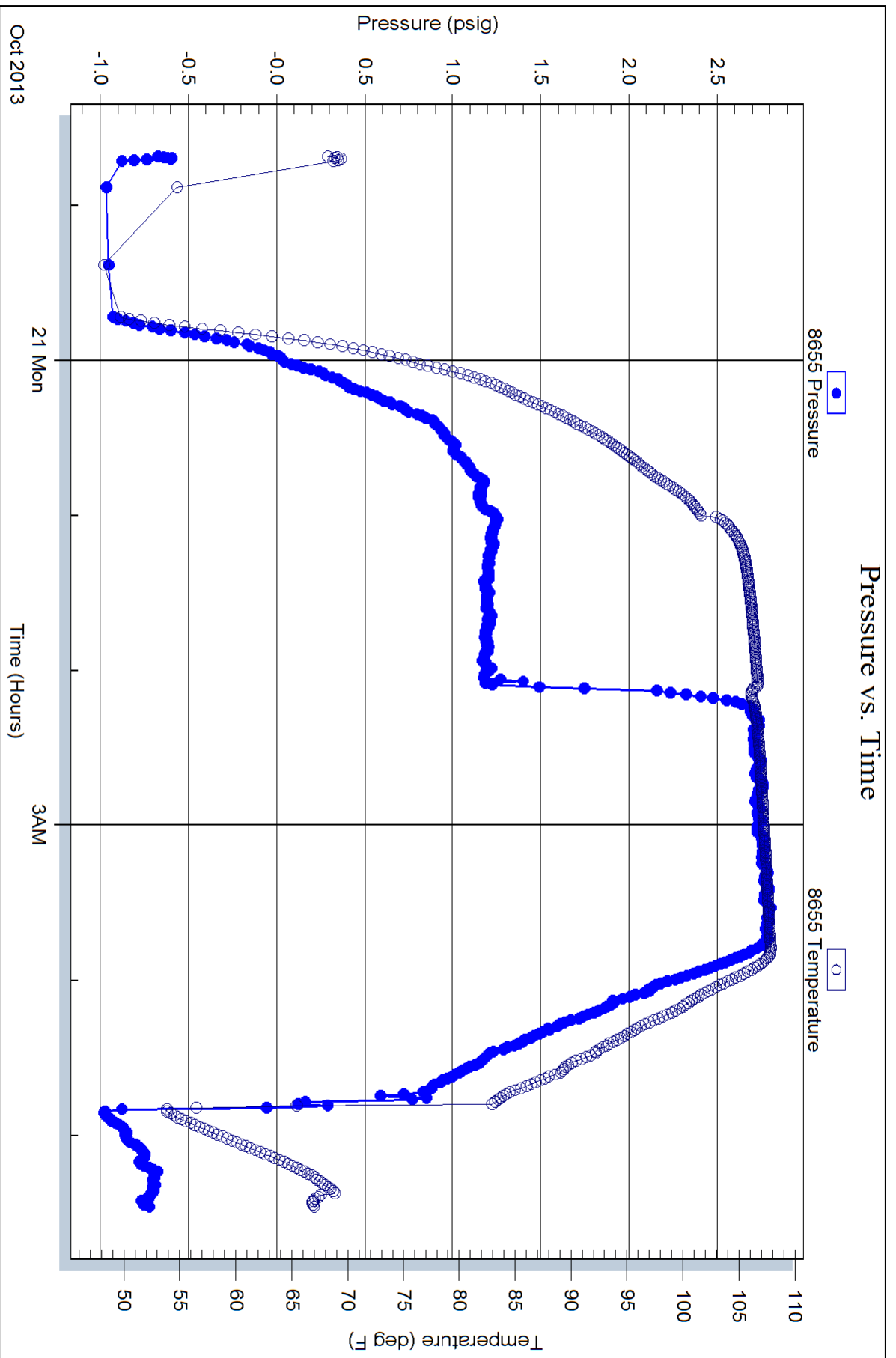
Serial #: 8655

Fluid

Samuel Gary Jr & Ass.

Riedel Farms 1-19

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 54483

Printed: 2013.10.21 @ 06:30:40