



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

6/2s/36w Rawlins KS

1515 Wynkoop STE 700
Denver, CO 80202

Krueger Trust #1-6

Job Ticket: 60057

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2014.08.19 @ 06:55:00

GENERAL INFORMATION:

Formation: **Stottler**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:30:15

Time Test Ended: 16:08:00

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 57

Interval: **3986.00 ft (KB) To 4024.00 ft (KB) (TVD)**

Reference Elevations: 3321.00 ft (KB)

Total Depth: 4024.00 ft (KB) (TVD)

3316.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8671

Inside

Press@RunDepth: 21.02 psig @ 3987.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.19

End Date: 2014.08.19

Last Calib.: 2014.08.19

Start Time: 06:55:05

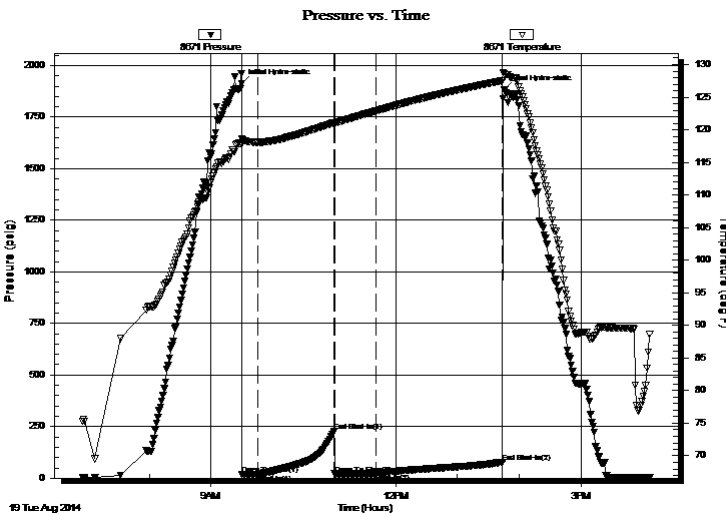
End Time: 16:08:00

Time On Btm: 2014.08.19 @ 09:30:00

Time Off Btm: 2014.08.19 @ 13:45:30

TEST COMMENT: 15 - IF: Blow built to 1/4"
75 - ISI: No blow back
40 - FF: Weak surface blow from 10 min. to 22 min., then dead
120 - FSI: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.20	118.64	Initial Hydro-static
1	17.51	117.88	Open To Flow (1)
15	18.86	118.06	Shut-In(1)
90	224.96	121.08	End Shut-In(1)
91	20.39	121.00	Open To Flow (2)
131	21.02	122.85	Shut-In(2)
254	78.11	127.51	End Shut-In(2)
256	1884.90	128.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100%	0.01

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 60057

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2014.08.19 @ 06:55:00

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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud 100%	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler = 20 PSI, 1500 mL mud w /trace of oil

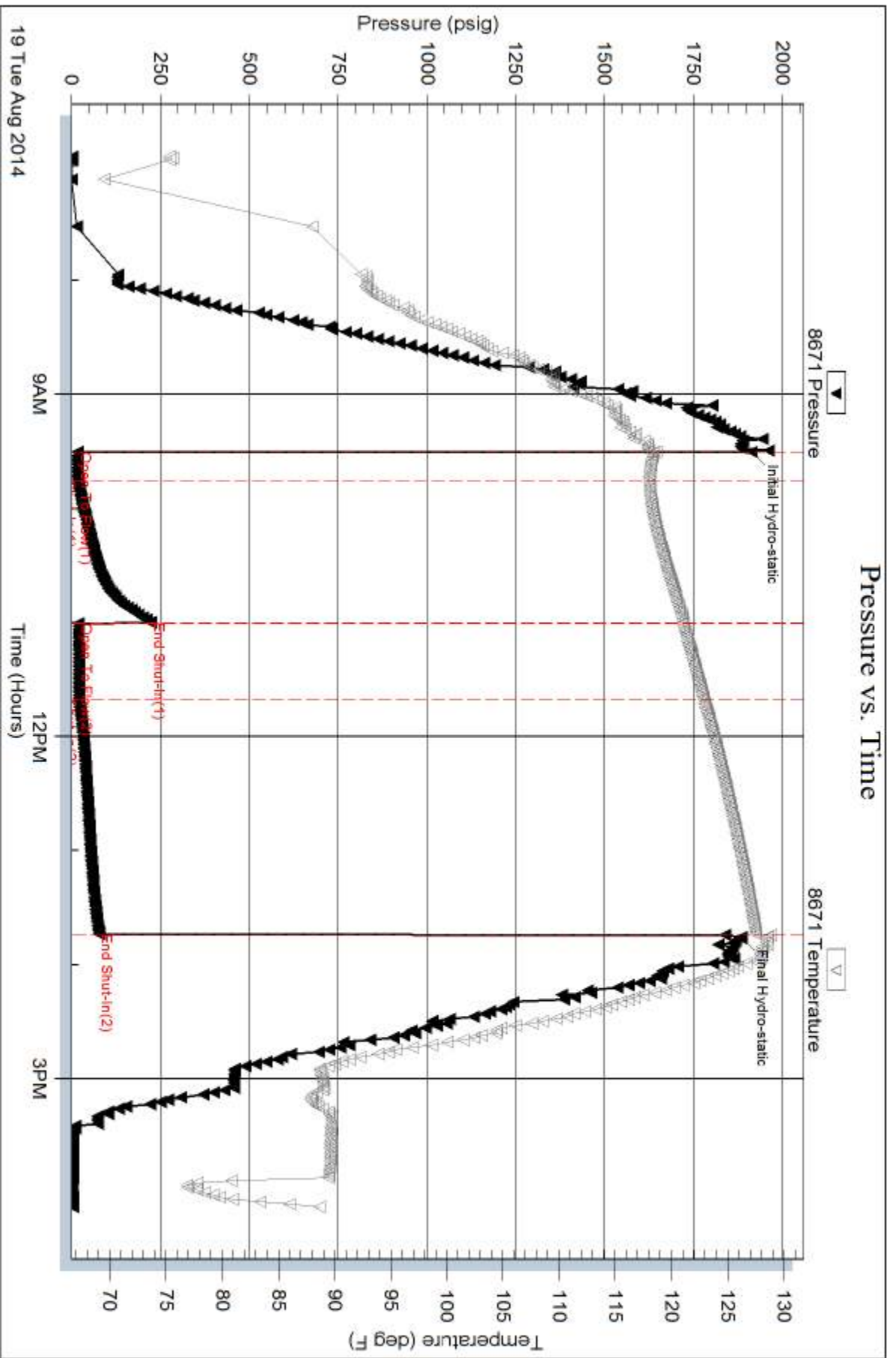
Serial #: 8671

Inside

Samuel Gary Jr & Associates, Inc.

Krueger Trust #1-6

DST Test Number: 1



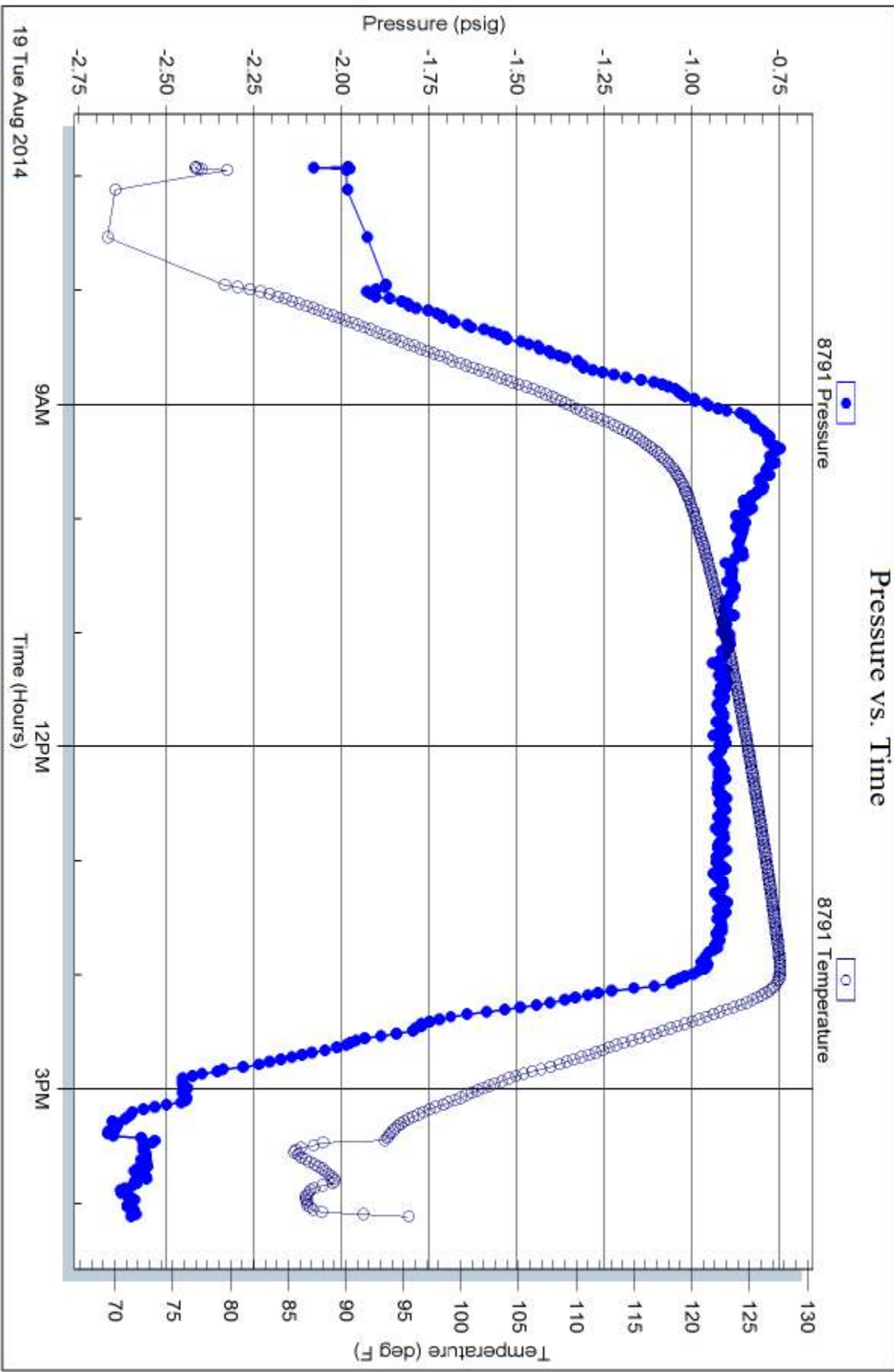
Serial #: 8791

Fluid

Samuel Gary Jr & Associates, Inc.

Krueger Trust #1-6

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 60057

Printed: 2014.08.19 @ 16:37:20