



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates, Inc.

22-9S-16W Rooks, KS

1515 Wynkoop Ste. 700
Denver, CO 80202

Casey #1-22

Job Ticket: 58385

DST#: 1

ATTN: Dan Pritchard

Test Start: 2014.08.01 @ 04:07:55

GENERAL INFORMATION:

Formation: **Toronto- B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 08:09:25

Interval: 3211.00 ft (KB) To 3258.00 ft (KB) (TVD)

Total Depth: 3258.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 62

Reference Elevations: 2081.00 ft (KB)

2073.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8673 Outside

Press@RunDepth: psig @ 3212.00 ft (KB)

Start Date: 2014.08.01

End Date: 2014.08.01

Start Time: 04:07:56

End Time: 08:09:25

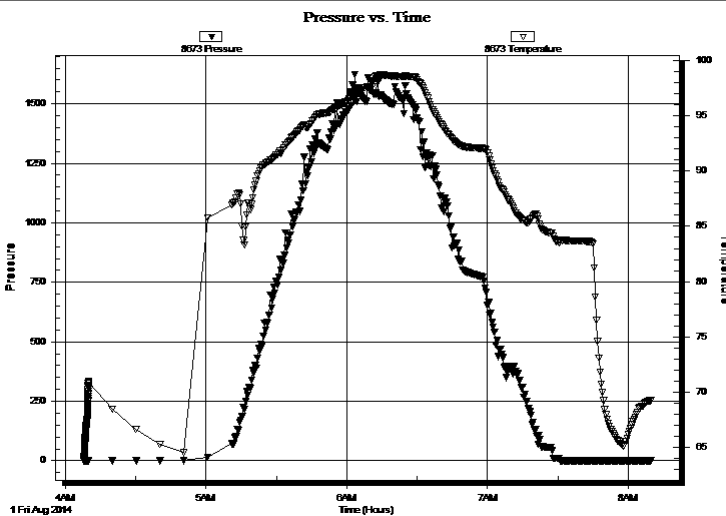
Capacity: 8000.00 psig

Last Calib.: 2014.08.01

Time On Btm:

Time Off Btm:

TEST COMMENT: Packer Failure



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
150.00	M	1.78

Gas Rates

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



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Casey #1-22

Job Ticket: 58385

DST#: 1

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Formation: **Toronto- B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 08:09:25

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 62

Interval: **3211.00 ft (KB) To 3258.00 ft (KB) (TVD)**

Total Depth: 3258.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2081.00 ft (KB)

2073.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8651 Fluid

Press@RunDepth: psig @ 3183.00 ft (KB)

Start Date: 2014.08.01

End Date:

2014.08.01

Start Time: 04:07:53

End Time:

08:09:22

Capacity: 8000.00 psig

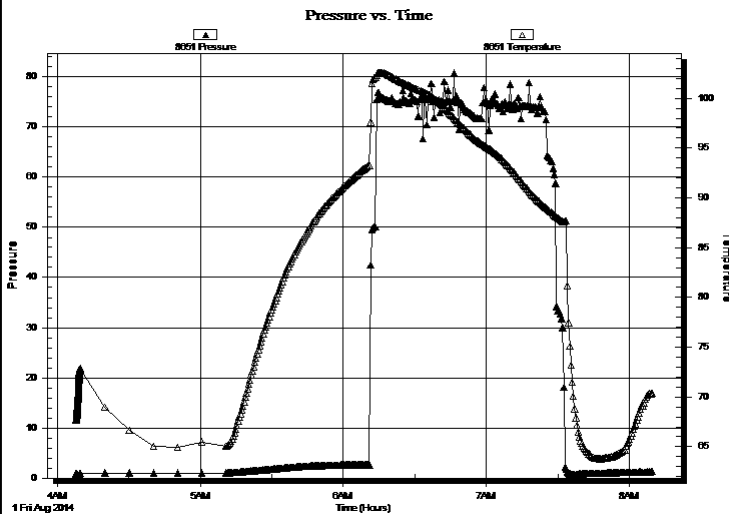
Last Calib.:

2014.08.01

Time On Btm:

Time Off Btm:

TEST COMMENT: Packer Failure



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
150.00	M	1.78

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.

22-9S-16W Rooks, KS

1515 Wynkoop Ste. 700
Denver, CO 80202

Casey #1-22

Job Ticket: 58385

DST#: 1

ATTN: Dan Pritchard

Test Start: 2014.08.01 @ 04:07:55

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	M	1.778

Total Length: 150.00 ft Total Volume: 1.778 bbl

Num Fluid Samples: 0

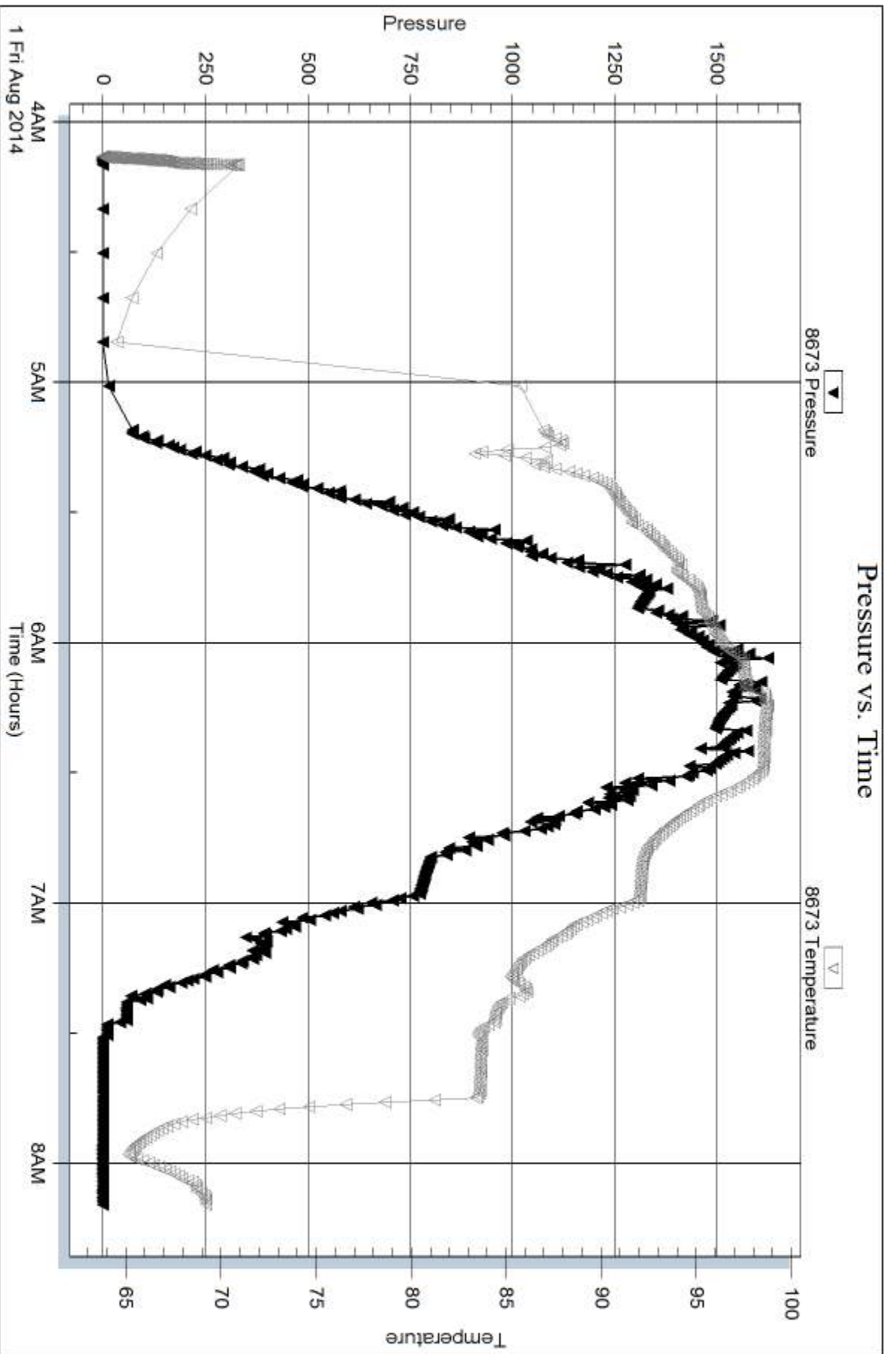
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8651

Fluid

Samuel Gary Jr. & Associates, Inc.

Casey #1-22

DST Test Number: 1

