



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Samuel Gary Jr & Associates Inc.

**11-10s-27w, Sheridan, KS**

1515 Wynkoop ST  
Suite 700 Denver CO 80202

**Delbert #1-11**

Job Ticket: 62335

**DST#: 1**

ATTN: Chris Mitchell

Test Start: 2015.04.26 @ 06:35:00

## GENERAL INFORMATION:

Formation: **KC"C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:18:30

Time Test Ended: 11:12:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 81

**Interval: 3786.00 ft (KB) To 3824.00 ft (KB) (TVD)**

Reference Elevations: 2597.00 ft (KB)

Total Depth: 3824.00 ft (KB) (TVD)

2592.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8736**

**Inside**

Press@RunDepth: 18.67 psig @ 3789.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.04.26

End Date:

2015.04.26

Last Calib.:

2015.04.26

Start Time: 06:35:05

End Time:

11:12:14

Time On Btm:

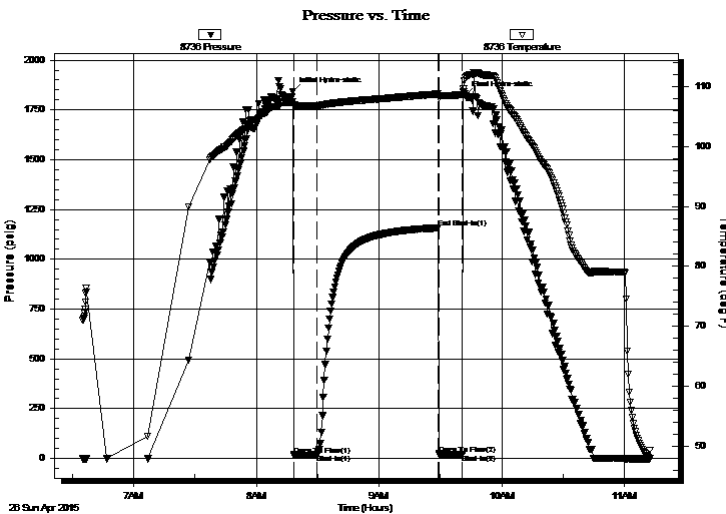
2015.04.26 @ 08:17:45

Time Off Btm:

2015.04.26 @ 09:42:15

**TEST COMMENT:** 10min IF-1/2in blow  
60min ISI-No blow  
10min FF-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1842.83	107.47	Initial Hydro-static
1	16.69	106.95	Open To Flow (1)
12	18.67	106.80	Shut-In(1)
72	1157.73	108.80	End Shut-In(1)
72	18.70	108.49	Open To Flow (2)
83	20.25	108.68	Shut-In(2)
85	1820.69	111.49	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	min	0.02

## Gas Rates

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



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Total Depth: 3824.00 ft (KB) (TVD)

2592.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8934**

Fluid

Press@RunDepth: psig @ 3758.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.04.26

End Date:

2015.04.26

Last Calib.:

2015.04.26

Start Time: 06:35:05

End Time:

11:16:14

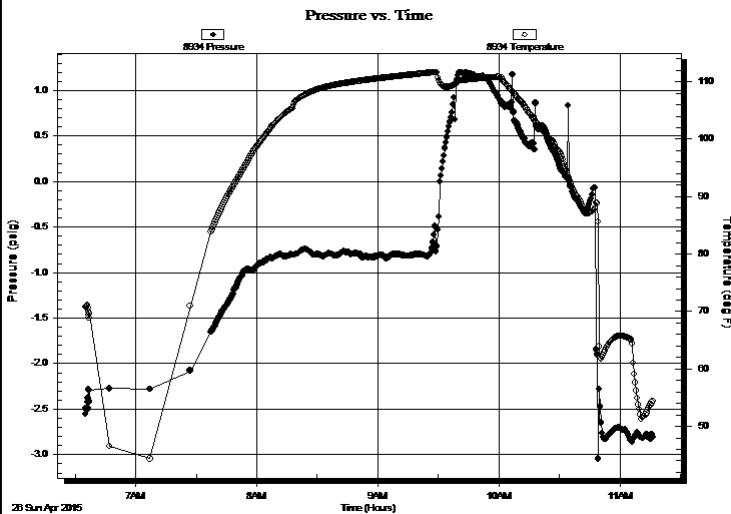
Time On Btm:

Time Off Btm:

TEST COMMENT: 10min IF-1/2in blow

60min ISI-No blow

10min FF-No blow



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	min	0.02

### 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.

**11-10s-27w, Sheridan, KS**

1515 Wynkoop ST  
Suite 700 Denver CO 80202

**Delbert #1-11**

Job Ticket: 62335

**DST#: 1**

ATTN: Chris Mitchell

Test Start: 2015.04.26 @ 06:35:00

## 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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

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
5.00	min	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

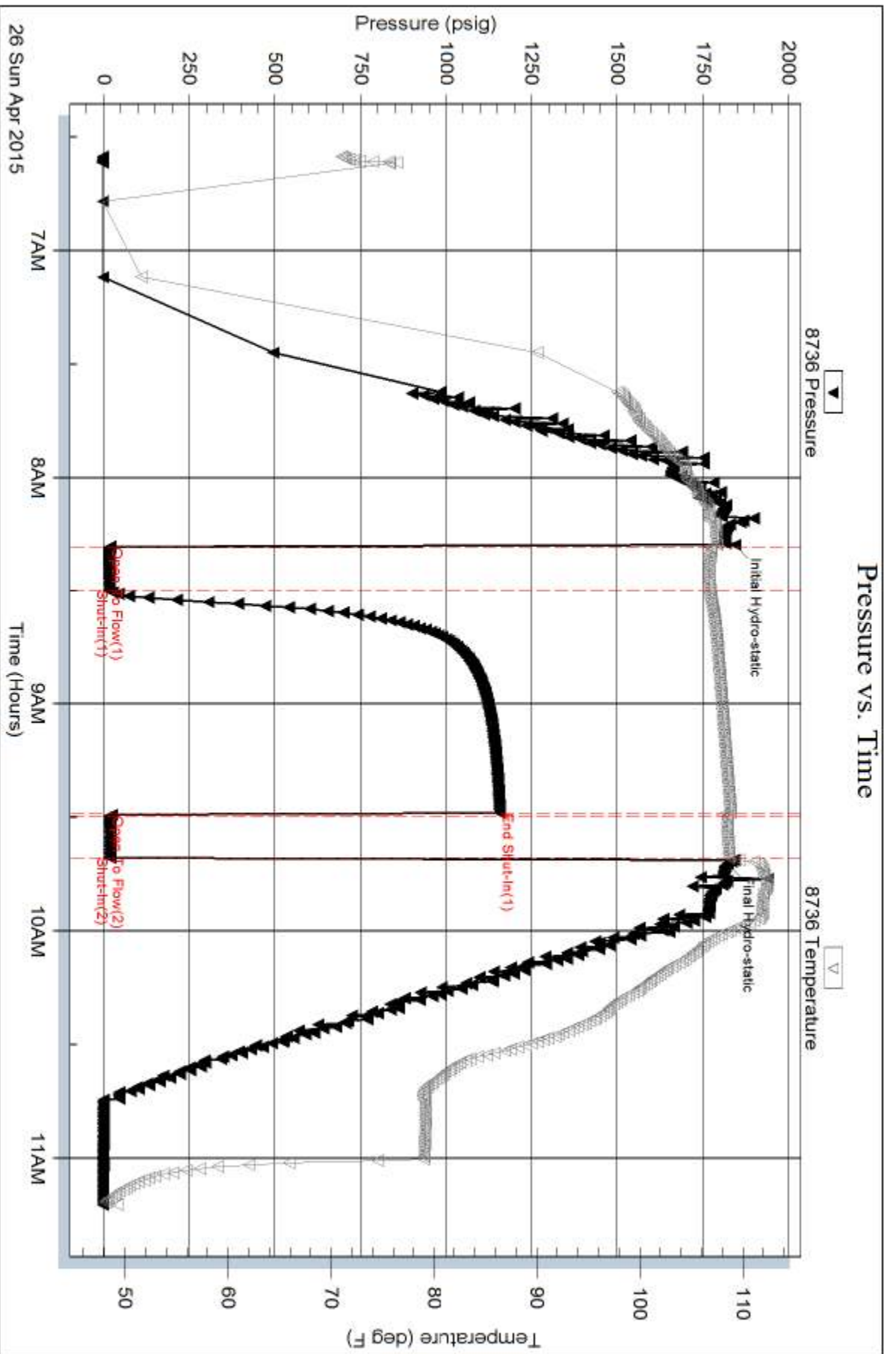
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8934

Fluid

Samuel Gary Jr & Associates Inc.

Delbert #1-11

DST Test Number: 1

