



**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: 62336

DST#: 2

ATTN: Chris Mitchell

Test Start: 2015.04.27 @ 04:45:00

GENERAL INFORMATION:

Formation: **KC"K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:05:00

Time Test Ended: 10:02:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 81

Interval: 3926.00 ft (KB) To 3972.00 ft (KB) (TVD)

Reference Elevations: 2597.00 ft (KB)

Total Depth: 3972.00 ft (KB) (TVD)

2592.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8957 Outside

Press@RunDepth: 19.13 psig @ 3934.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.04.27 End Date: 2015.04.27

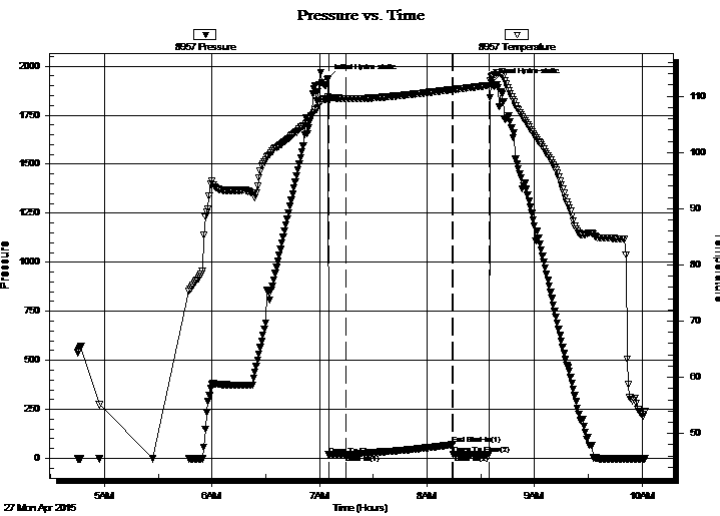
Last Calib.: 2015.04.27

Start Time: 04:45:05 End Time: 10:01:59

Time On Btm: 2015.04.27 @ 07:04:45

Time Off Btm: 2015.04.27 @ 08:36:15

TEST COMMENT: 10min IF-1in blow
60min ISI-No blow
20min FF-No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1935.40	109.84	Initial Hydro-static
1	18.17	109.06	Open To Flow (1)
11	19.13	109.59	Shut-In(1)
70	70.48	111.18	End Shut-In(1)
70	20.19	111.18	Open To Flow (2)
90	20.31	111.94	Shut-In(2)
92	1916.26	113.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	OS Mud	0.01

* Recovery from multiple tests

Gas Rates

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



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GENERAL INFORMATION:

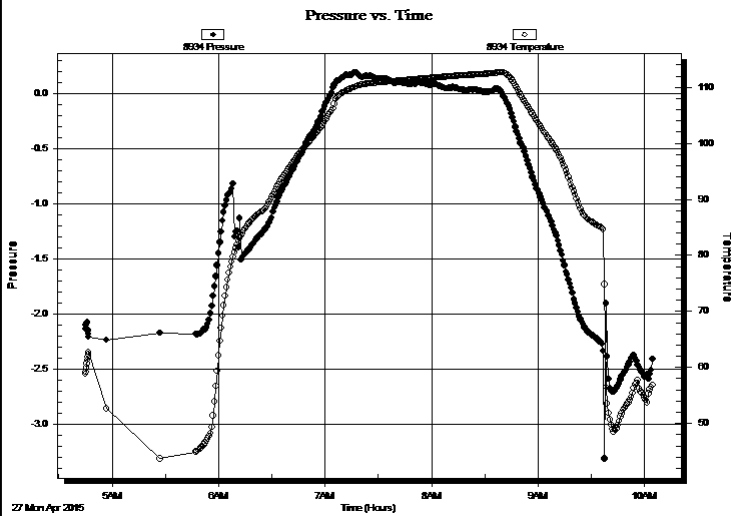
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 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brett Dickinson
 Unit No: 81
 Reference Elevations: 2597.00 ft (KB)
 2592.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8934

Fluid

Press@RunDepth: psig @ 3898.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.04.27 End Date: 2015.04.27 Last Calib.: 2015.04.27
 Start Time: 04:45:05 End Time: 10:04:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: 10min IF-1in blow
 60min ISI-No blow
 20min FF-No Blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	OS Mud	0.01

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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11-10s-27w, Sheridan, KS

1515 Wynkoop ST
Suite 700 Denver CO 80202

Delbert #1-11

Job Ticket: 62336

DST#: 2

ATTN: Chris Mitchell

Test Start: 2015.04.27 @ 04:45:00

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 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
2.00	OS Mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

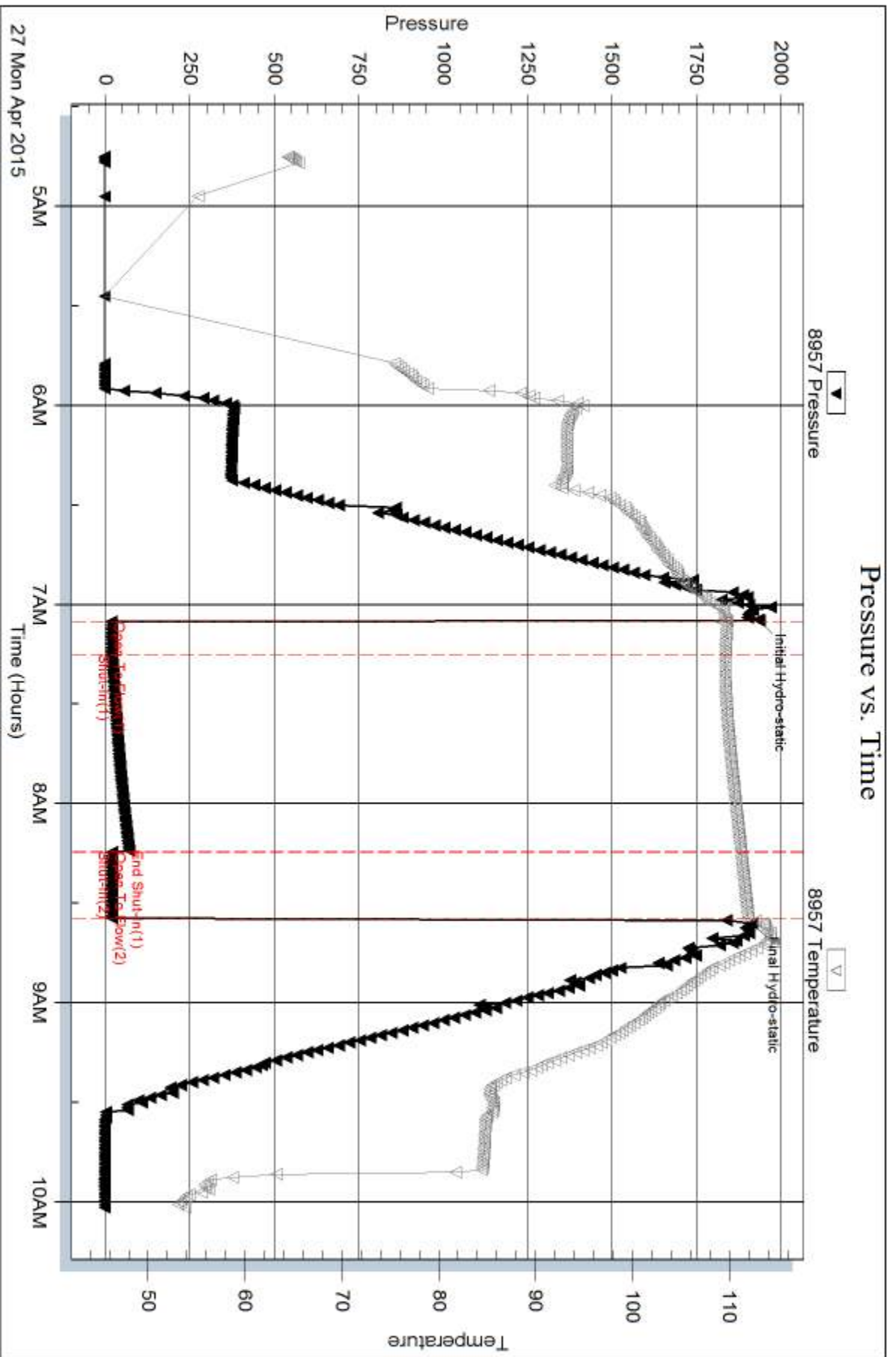
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Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



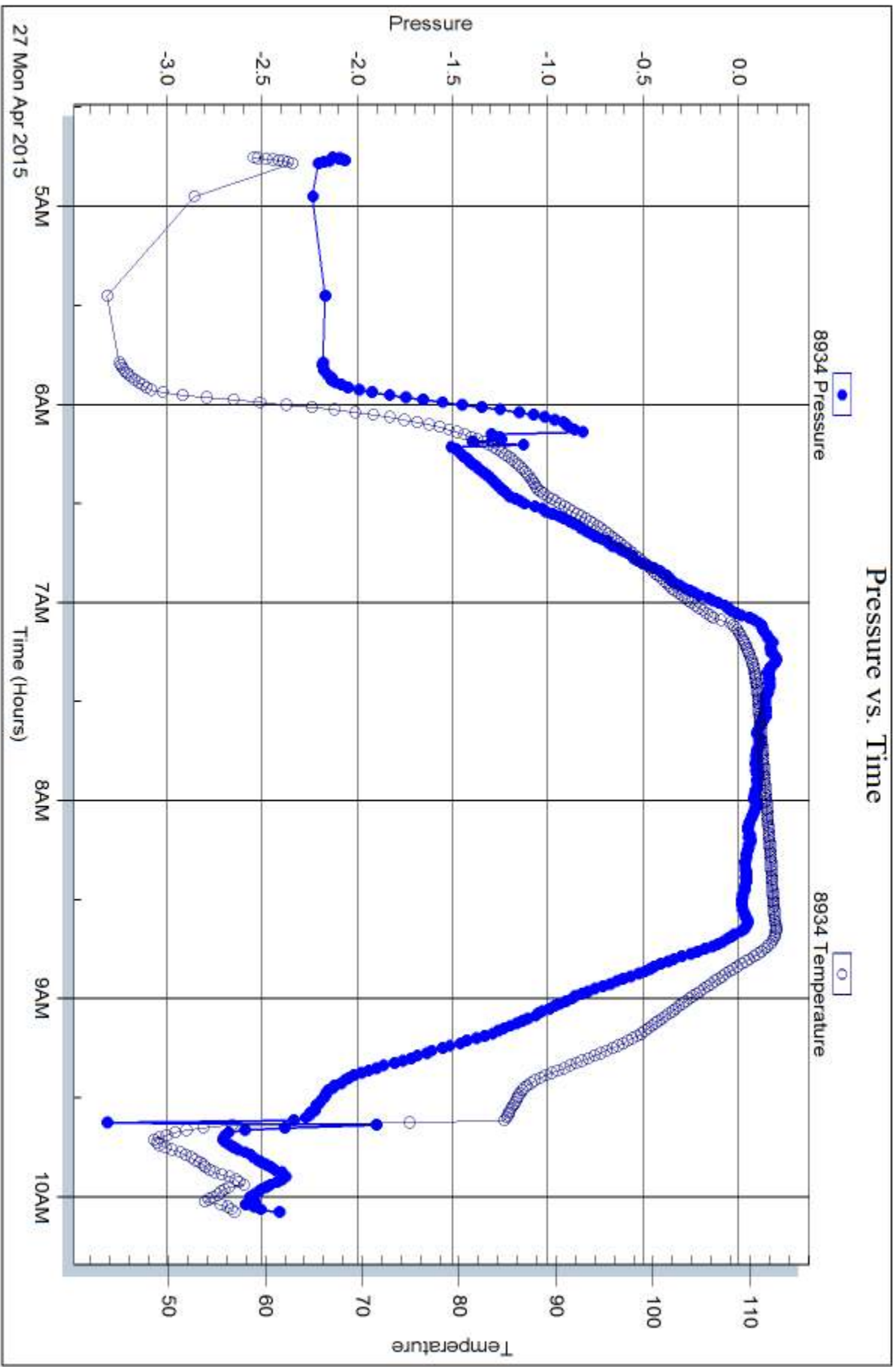
Serial #: 8934

Fluid

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Ref. No: 62336

Printed: 2015.04.27 @ 11:03:36