



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sam Gary Jr. and Associates, Inc.

6-10S-29W

1515 Wynkoop, Ste 700
Denver Co. 80202

Baalman

Job Ticket: 61021

DST#: 5

ATTN: Chris Micheal

Test Start: 2014.12.11 @ 01:15:00

GENERAL INFORMATION:

Formation: **Lans. - 'H'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:16:30

Time Test Ended: 10:52:45

Test Type: Conventional Straddle (Initial)

Tester: Royal Fisher

Unit No: #54

Interval: 4087.00 ft (KB) To 4171.00 ft (KB) (TVD)

Reference Elevations: 2903.00 ft (KB)

Total Depth: 4595.00 ft (KB) (TVD)

2895.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6755

Inside

Press@RunDepth: 193.74 psig @ 4088.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.11

End Date:

2014.12.11

Last Calib.:

2014.12.11

Start Time: 01:15:05

End Time:

10:52:45

Time On Btm:

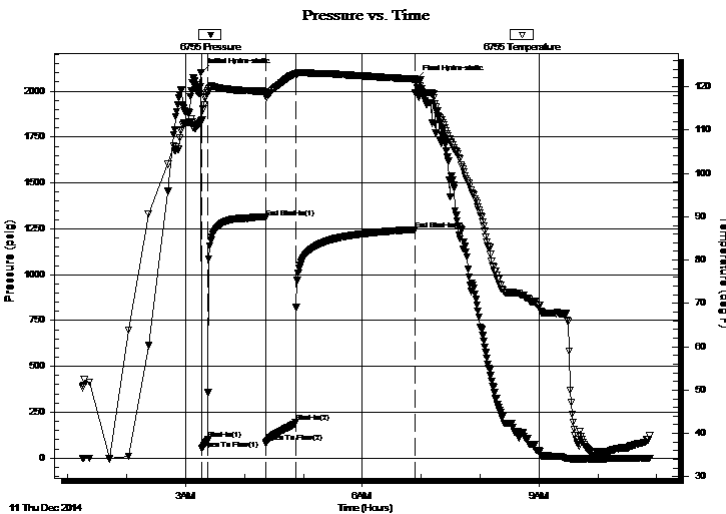
2014.12.11 @ 03:16:00

Time Off Btm:

2014.12.11 @ 06:54:45

TEST COMMENT: 5 - IF - Surface blow built to bottom of the bucket in 4 mins.
60 - ISI - A faint Return started in 30 mins. and stayed
30 - FF - Surface blow built to bottom of the bucket in 3 mins.
120 - FSI - Return started in a min and built to 6 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2102.73	112.04	Initial Hydro-static
1	50.12	112.23	Open To Flow (1)
7	100.50	118.58	Shut-In(1)
66	1312.23	118.93	End Shut-In(1)
66	87.01	118.24	Open To Flow (2)
96	193.74	122.98	Shut-In(2)
218	1246.13	121.78	End Shut-In(2)
219	2062.14	121.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
342.00	GOCM - 30M - 40o - 30G	4.51
93.00	Free Oil - 100 Oil	1.30

Gas Rates

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



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TESTING, INC**

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FLUID SUMMARY

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6-10S-29W

1515 Wynkoop, Ste 700
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Baalman

Job Ticket: 61021

DST#: 5

ATTN: Chris Micheal

Test Start: 2014.12.11 @ 01:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
342.00	GOCM - 30M - 40o - 30G	4.510
93.00	Free Oil - 100 Oil	1.305

Total Length: 435.00 ft

Total Volume: 5.815 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

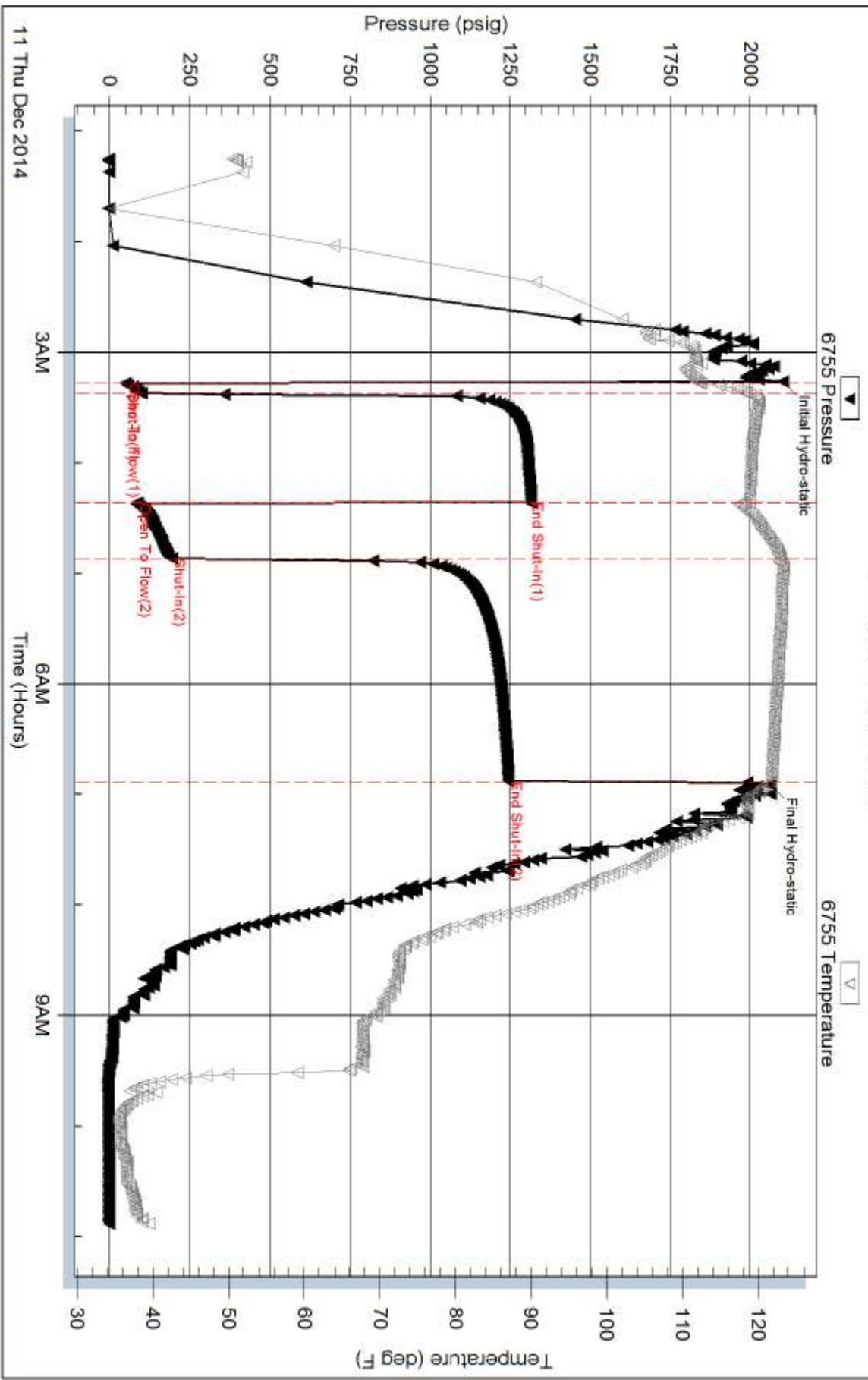
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



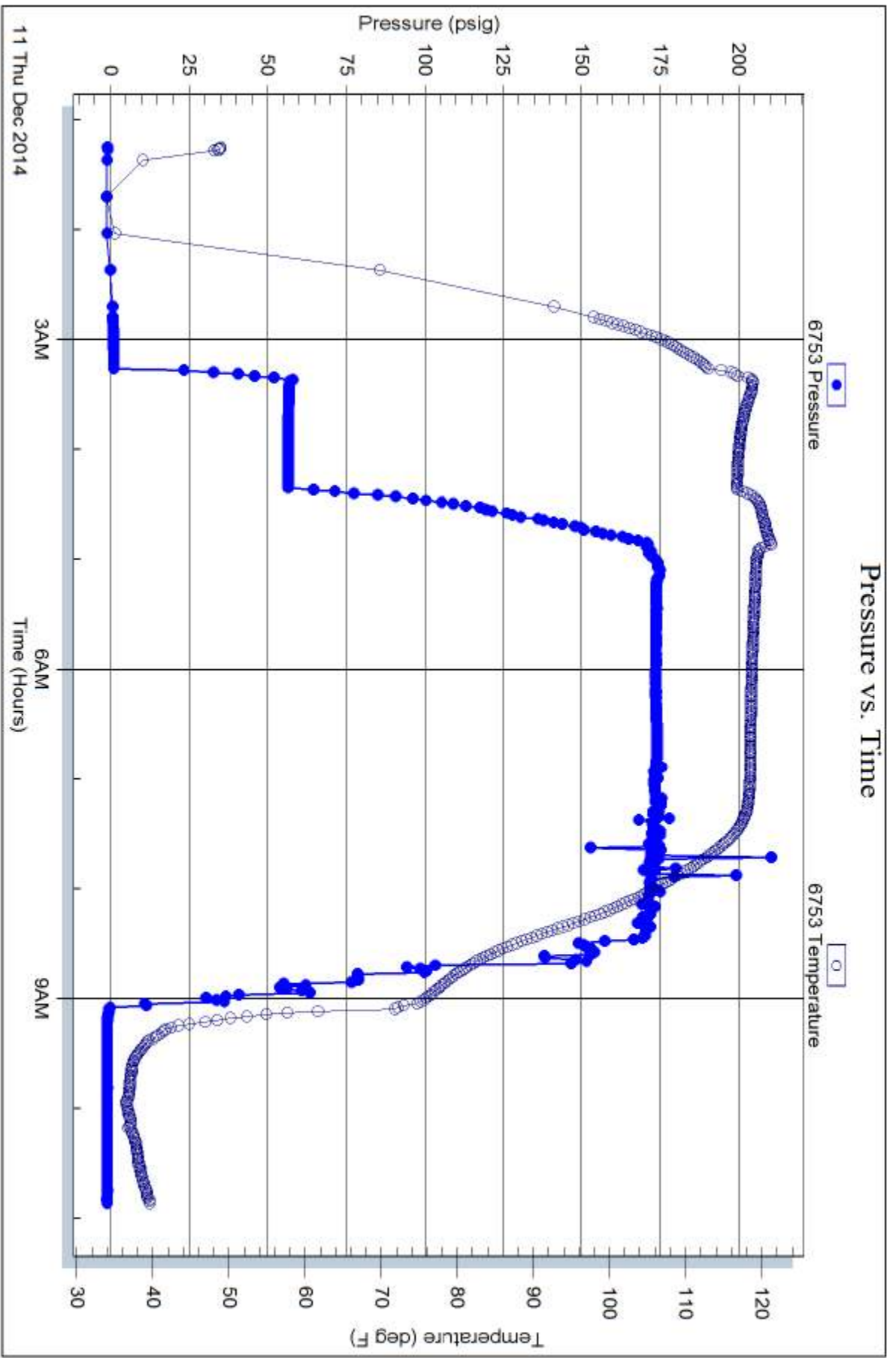
Serial #: 6753

Fluid

Sam Gary, Jr. and Associates, Inc.

Baalinan

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 61021

Printed: 2014, 12, 11 @ 12:03:16

