



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Patriot Oil LLC

32-8-19, Rooks, KS

Suite 765 Parker
CO 80134

APO 16-Rostocil

Job Ticket: 62329

DST#: 3

ATTN: Marc D

Test Start: 2015.03.09 @ 11:55:00

GENERAL INFORMATION:

Formation: **KC "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:05:15

Time Test Ended: 15:25:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3403.00 ft (KB) To 3435.00 ft (KB) (TVD)

Reference Elevations: 2056.00 ft (KB)

Total Depth: 3537.00 ft (KB) (TVD)

2051.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8934

Inside

Press@RunDepth: 23.40 psig @ 3404.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.09

End Date:

2015.03.09

Last Calib.:

2015.03.09

Start Time: 11:55:05

End Time:

15:25:30

Time On Btm:

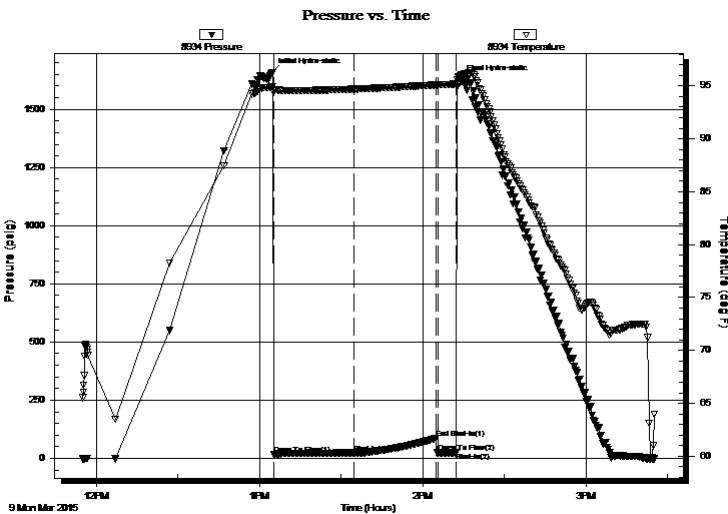
2015.03.09 @ 13:04:30

Time Off Btm:

2015.03.09 @ 14:13:45

TEST COMMENT: IF-1/4" blow
IS-No blow
FF-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1657.92	94.92	Initial Hydro-static
1	18.50	94.34	Open To Flow (1)
31	23.40	94.70	Shut-In(1)
61	86.37	95.09	End Shut-In(1)
61	23.96	95.08	Open To Flow (2)
68	24.59	95.18	Shut-In(2)
70	1626.02	95.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.07

* Recovery from multiple tests

Gas Rates

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



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Reference Elevations: 2056.00 ft (KB)

Total Depth: 3537.00 ft (KB) (TVD)

2051.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8957 Below (Straddle)

Press@RunDepth: psig @ 3443.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.09

End Date: 2015.03.09

Last Calib.: 2015.03.09

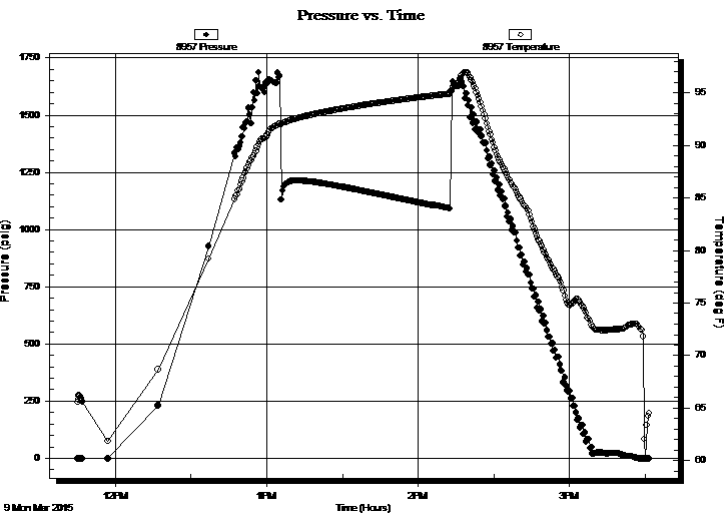
Start Time: 11:45:05

End Time: 15:32:00

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-1/4" blow
IS-No blow
FF-No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.07

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Patriot Oil LLC

32-8-19, Rooks, KS

Suite 765 Parker
CO 80134

APO 16-Rostocil

Job Ticket: 62329

DST#: 3

ATTN: Marc D

Test Start: 2015.03.09 @ 11:55:00

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

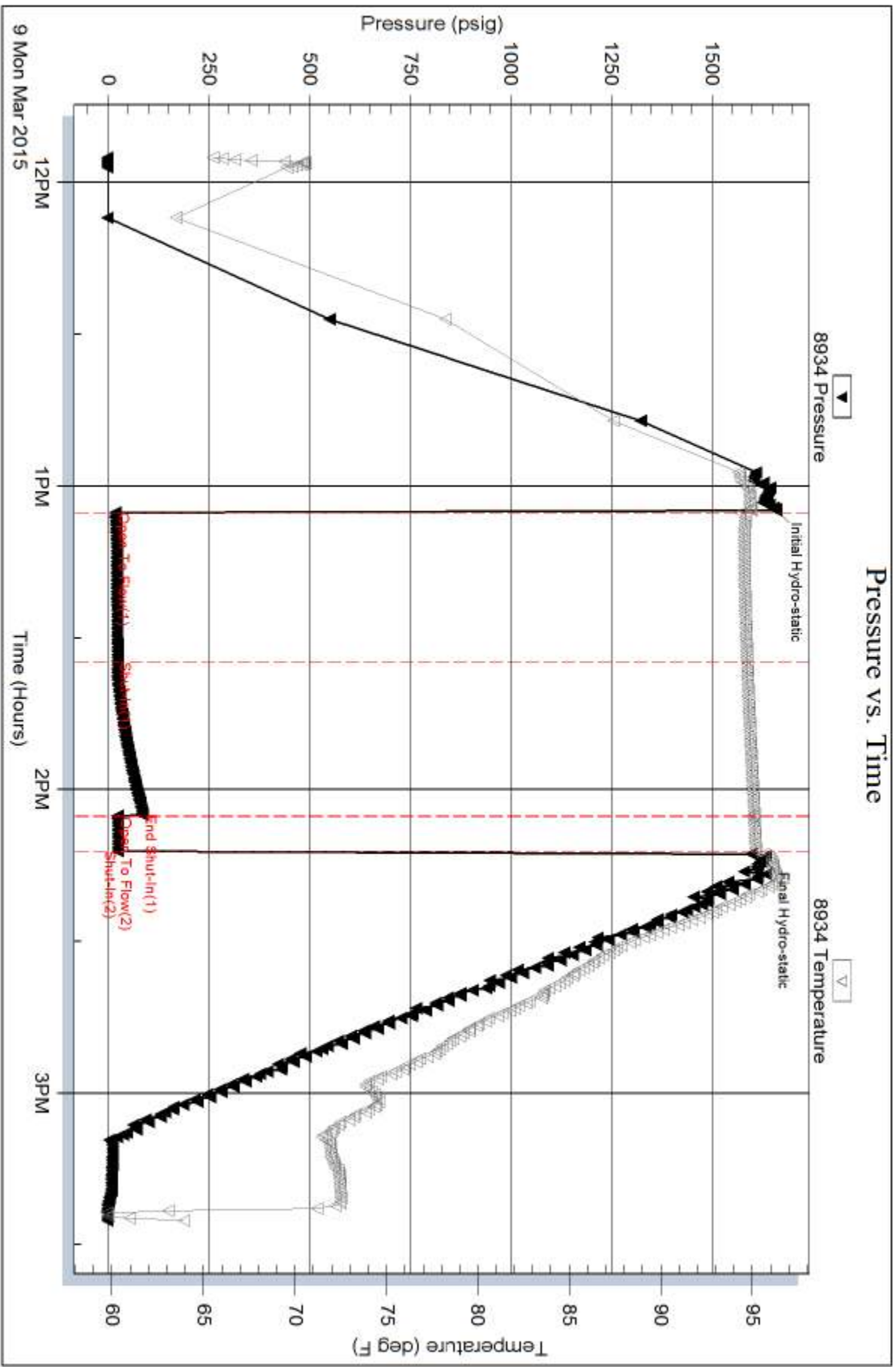
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

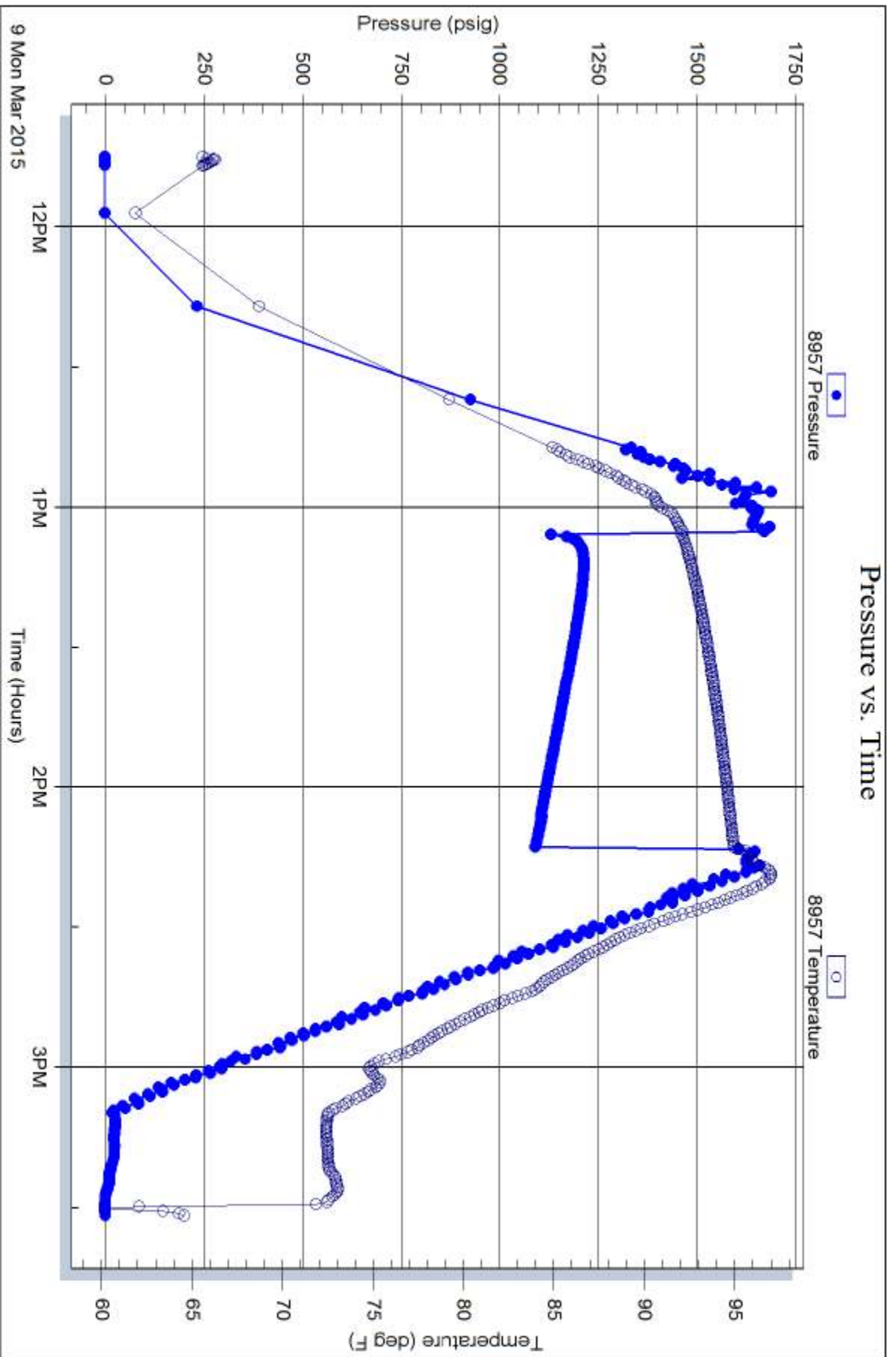


Serial #: 8957

Below (Str Address) Patriot Oil Llc

AP0 16-Rostcoil

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 62329

Printed: 2015.03.09 @ 16:39:22