



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

**2-16s-16w-Rooks**

1515 Wynkoop  
Suite 700  
Denver, CO. 80202  
ATTN: Chris Mitchell

**Jones #3-2**

Job Ticket: 47810

**DST#: 1**

Test Start: 2012.06.10 @ 15:02:55

## GENERAL INFORMATION:

Formation: **C-Upper G**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 17:02:25

Time Test Ended: 22:49:40

Test Type: Conventional Bottom Hole (Initial)

Tester: Jason McLemore

Unit No: 54

**Interval: 3148.00 ft (KB) To 3218.00 ft (KB) (TVD)**

Reference Elevations: 1853.00 ft (KB)

Total Depth: 3218.00 ft (KB) (TVD)

1843.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8366**

**Inside**

Press @ Run Depth: 56.81 psig @ 3149.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.10

End Date:

2012.06.10

Last Calib.:

2012.06.10

Start Time: 15:02:57

End Time:

22:49:40

Time On Btm:

2012.06.10 @ 17:02:10

Time Off Btm:

2012.06.10 @ 20:44:25

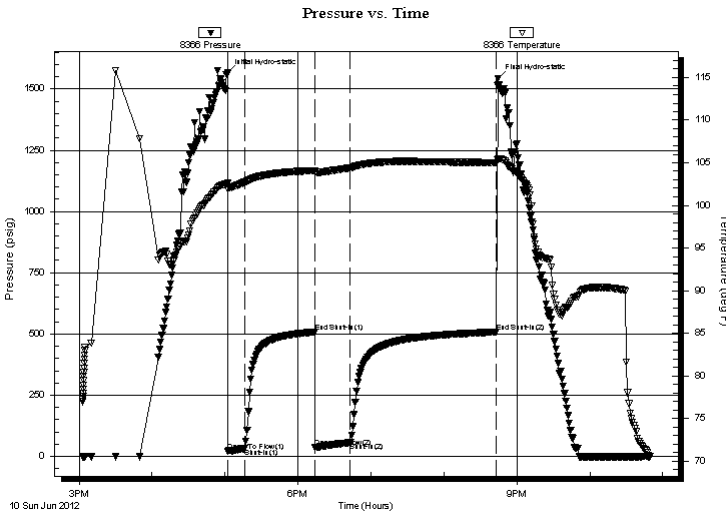
**TEST COMMENT:** 10-IFP-Good Blow , Built to 8"

60-ISI-Dead

30-FFP-Good Blow , Built to 9-1/2"

120-FSI-Dead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1565.21	102.58	Initial Hydro-static
1	20.17	101.97	Open To Flow (1)
14	31.68	102.69	Shut-In(1)
72	508.02	104.08	End Shut-In(1)
72	36.19	103.88	Open To Flow (2)
101	56.81	104.41	Shut-In(2)
221	507.51	105.03	End Shut-In(2)
223	1541.56	105.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	Free Oil	0.04
77.00	Muddy Water-99%W-1%M	1.08
0.00	120' Gas In Pipe	0.00

## Gas Rates

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





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**FLUID SUMMARY**

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## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 10.39 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 6400.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 55000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Free Oil	0.042
77.00	Muddy Water-99%W-1%M	1.080
0.00	120' Gas In Pipe	0.000

Total Length: 80.00 ft      Total Volume: 1.122 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

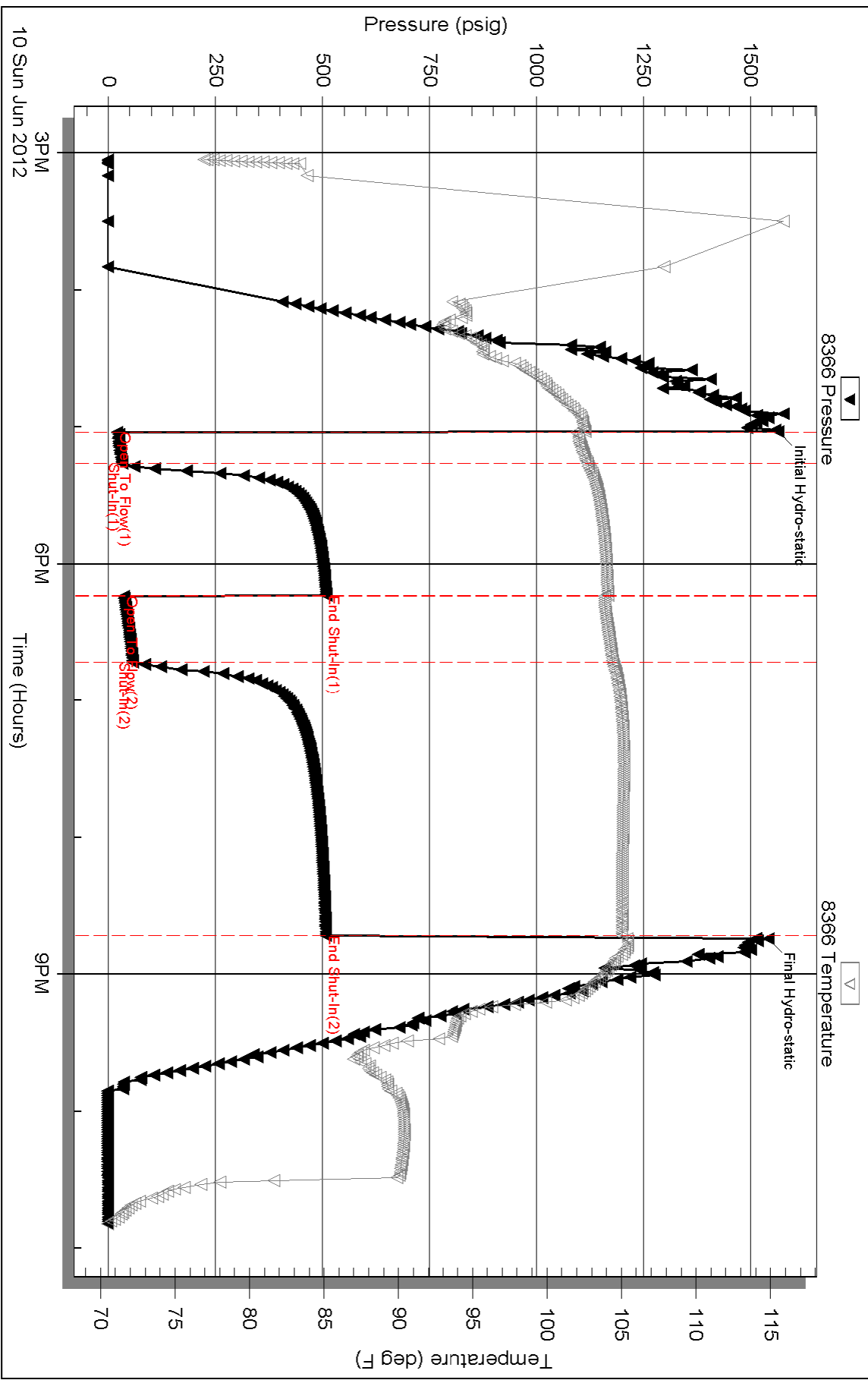
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler-245#, 500ml Oil, 3500ml Salt Water

### Pressure vs. Time



Serial #: 8789

Fluid

Samuel Gary Jr. & Associates

Jones #3-2

DST Test Number: 1

