



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

21-12s-16w-Ellis

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Clayton Camozzi

Chrisler et al #2-21

Job Ticket: 47837

DST#: 2

Test Start: 2012.07.23 @ 01:12:29

GENERAL INFORMATION:

Formation: **Lansing A-C**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 03:29:59

Time Test Ended: 10:03:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Jason McLemore

Unit No: 54

Interval: 3152.00 ft (KB) To 3206.00 ft (KB) (TVD)

Reference Elevations: 1957.00 ft (KB)

Total Depth: 3206.00 ft (KB) (TVD)

1949.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8366

Inside

Press @ Run Depth: 54.72 psig @ 3188.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.23

End Date:

2012.07.23

Last Calib.:

2012.07.23

Start Time: 01:12:31

End Time:

10:03:29

Time On Btm:

2012.07.23 @ 03:29:29

Time Off Btm:

2012.07.23 @ 07:31:59

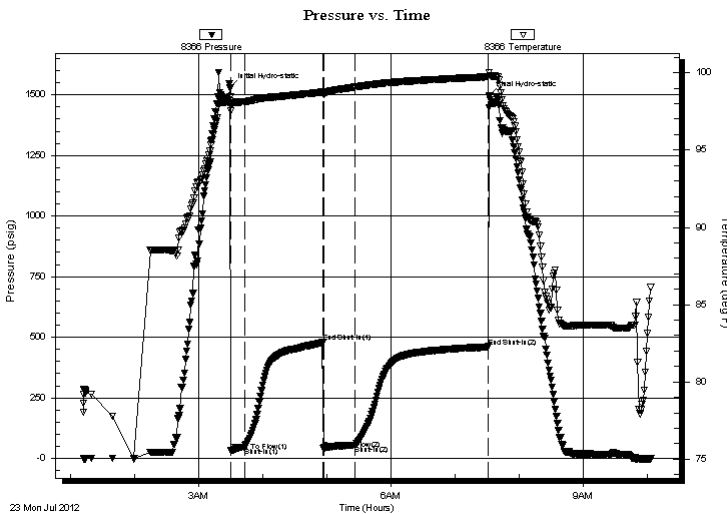
TEST COMMENT: IFP-Weak Blow ,Built to 1-3/4"

ISI-Dead

FFP-Fair Blow , Started at 4" , Built to 8"

FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1528.67	98.44	Initial Hydro-static
1	31.79	97.51	Open To Flow (1)
14	45.71	98.13	Shut-In(1)
87	478.71	98.75	End Shut-In(1)
88	39.71	98.60	Open To Flow (2)
117	54.72	99.07	Shut-In(2)
242	461.21	99.75	End Shut-In(2)
243	1495.05	99.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	GOCM-30%G-10%O-60%M	0.43
0.00	190' Gas In Pipe	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Job Ticket: 47837

DST#: 2

Test Start: 2012.07.23 @ 01:12:29

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 7.99 in³
Resistivity: ohm.m
Salinity: 2000.00 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: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	GOCM-30%G-10%O-60%M	0.428
0.00	190' Gas In Pipe	0.000

Total Length: 50.00 ft Total Volume: 0.428 bbl

Num Fluid Samples: 0

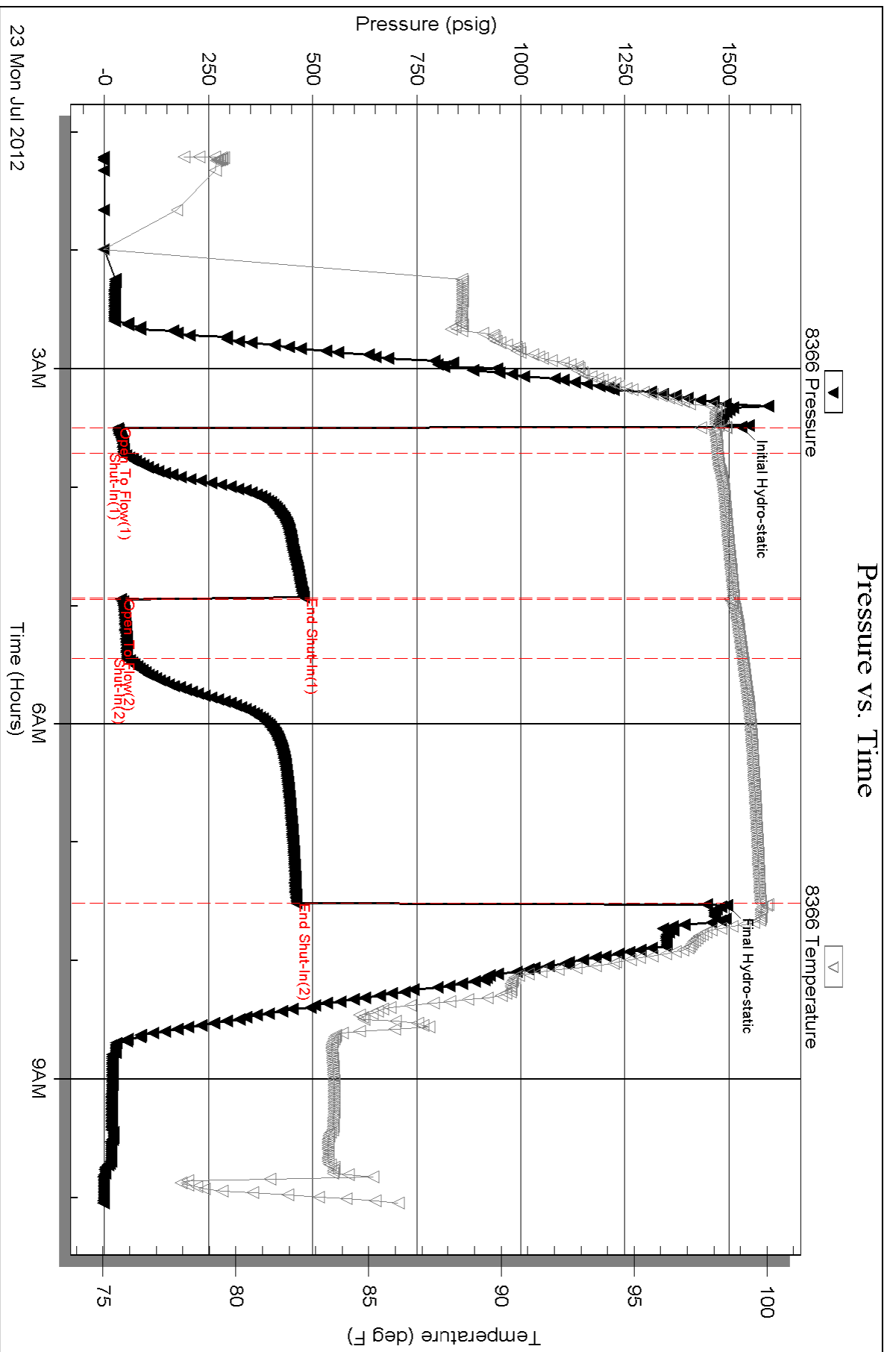
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 300#, 1500ml Oil, 1500ml Mud



Serial #: 8289

Fluid

Samuel Gary Jr. & Associates

Christer et al #2-21

DST Test Number: 2

