



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Sam Gary Jr and Associates

Legleiter et al 1-10

1515 Wynkoop Street
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

10-16s-16w-Rush

Job Ticket: 43533

DST#: 1

Test Start: 2011.07.03 @ 07:01:45

GENERAL INFORMATION:

Formation: **E-F-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:48:30

Time Test Ended: 13:56:15

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 54

Interval: 3285.00 ft (KB) To 3330.00 ft (KB) (TVD)

Reference Elevations: 1953.00 ft (KB)

Total Depth: 3330.00 ft (KB) (TVD)

1943.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8673

Inside

Press @ Run Depth: 23.67 psig @ 3322.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.03

End Date:

2011.07.03

Last Calib.:

2011.07.03

Start Time:

07:01:47

End Time:

13:56:15

Time On Btm:

2011.07.03 @ 08:48:15

Time Off Btm:

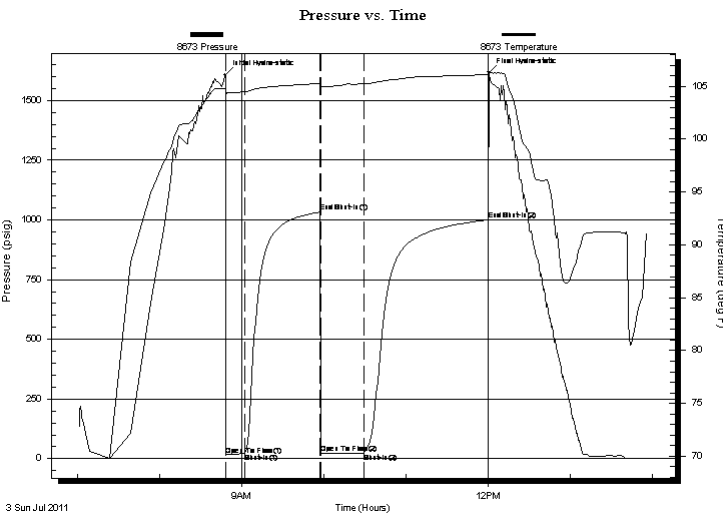
2011.07.03 @ 12:00:45

TEST COMMENT: IFP-Weak Surface Blow

ISI-Dead

FFP-Very Weak Surface Blow ,Died in 12 Min.

FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1607.97	104.82	Initial Hydro-static
1	16.04	104.06	Open To Flow (1)
14	20.76	104.49	Shut-In(1)
70	1033.03	105.27	End Shut-In(1)
70	20.71	104.78	Open To Flow (2)
101	23.67	105.22	Shut-In(2)
192	1000.44	106.09	End Shut-In(2)
193	1617.97	106.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
11.00	Mud W/Oil Scum	0.15

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2011.07.03 @ 07:01:45

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
11.00	Mud W/Oil Scum	0.154

Total Length: 11.00 ft Total Volume: 0.154 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

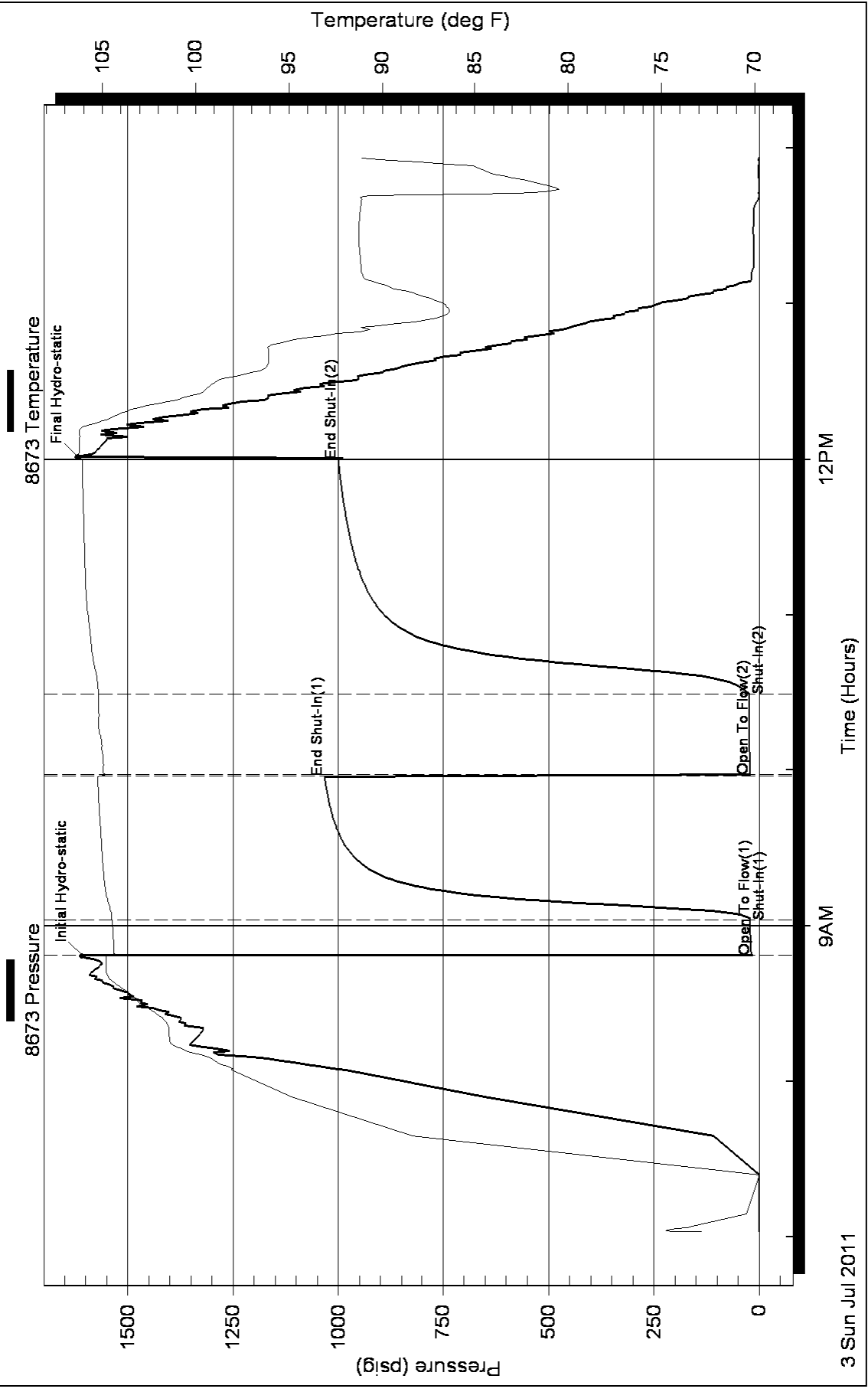
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 45#, 2000ml Mud W Oil /Scum

Pressure vs. Time



3 Sun Jul 2011

12PM

Time (Hours)

9AM