



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Samuel Gary jr & Associates

Younger-Dome #1-2

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

2-16s-17w-Rooks

Job Ticket: 41715

DST#: 1

Test Start: 2011.03.03 @ 20:30:35

GENERAL INFORMATION:

Formation: **A-E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:02:05

Time Test Ended: 03:37:05

Test Type: Conventional Bottom Hole

Tester: JasonMcLemore

Unit No: 54

Interval: 3192.00 ft (KB) To 3274.00 ft (KB) (TVD)

Reference Elevations: 1913.00 ft (KB)

Total Depth: 3274.00 ft (KB) (TVD)

1903.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8673 Inside

Press @ Run Depth: 83.43 psig @ 3261.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.03.03

End Date:

2011.03.04

Last Calib.:

2011.03.04

Start Time: 20:30:37

End Time:

03:37:05

Time On Btm:

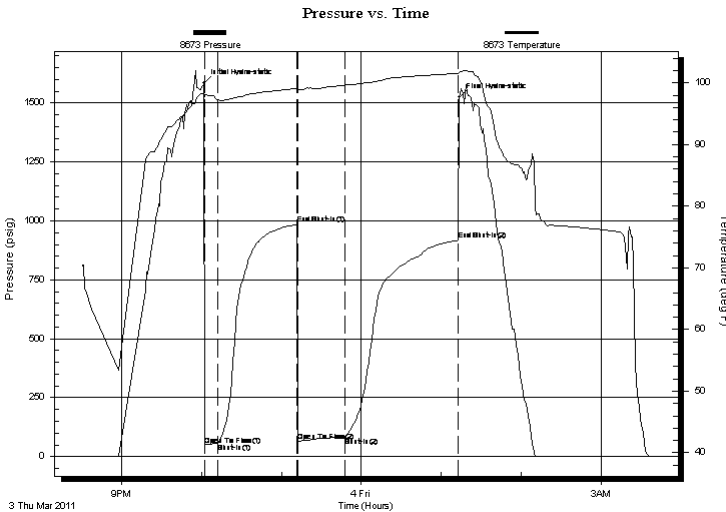
2011.03.03 @ 22:01:50

Time Off Btm:

2011.03.04 @ 01:13:35

TEST COMMENT: IFP-Ran 10 Min. Built to 6"
ISI-Ran 60 Min. Dead
FFP-Ran 30 Min. Strong, BOB in 2 Min.
FSI-Ran 90 Min. Blow back Built to 1-3/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1583.22	98.26	Initial Hydro-static
1	50.14	97.73	Open To Flow (1)
11	57.28	97.28	Shut-In(1)
70	985.61	99.10	End Shut-In(1)
71	63.96	98.82	Open To Flow (2)
106	83.43	99.62	Shut-In(2)
191	917.66	101.55	End Shut-In(2)
192	1524.73	101.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
85.00	gassy Oil Cut Mud-20%G-25%O-55%M	1.19
0.00	385' Gas In Pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary jr & Associates

Younger-Dome #1-2

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

2-16s-17w-Rooks

Job Ticket: 41715

DST#: 1

Test Start: 2011.03.03 @ 20:30:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.09 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
85.00	gassy Oil Cut Mud-20%G-25%O-55%M	1.192
0.00	385' Gas In Pipe	0.000

Total Length: 85.00 ft Total Volume: 1.192 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

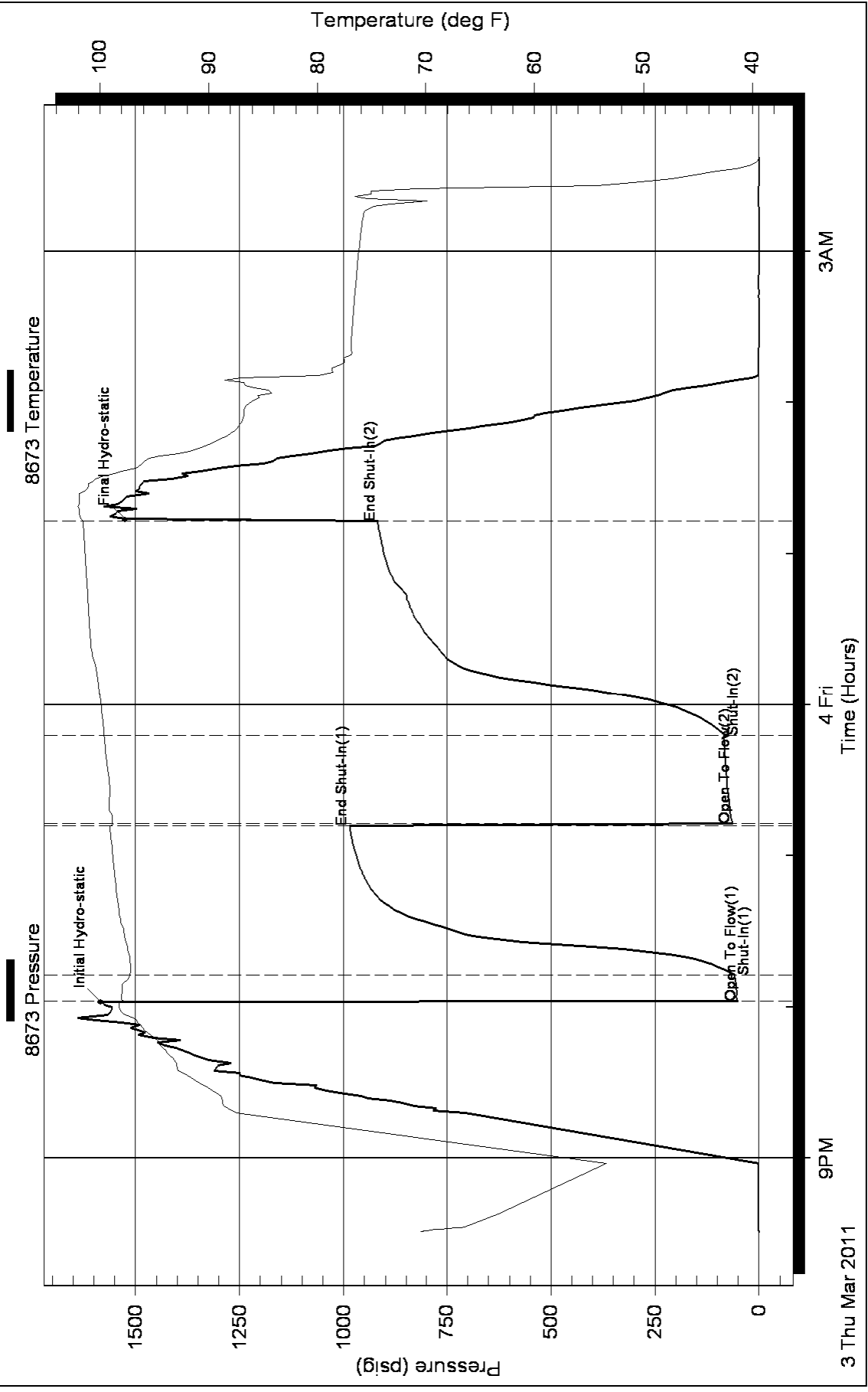
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler-585#,3000ML Gassy Oil Cut Mud

Pressure vs. Time



Serial #: 6755

Fluid

Samuel Gary jr & Associates

2-16s-17w -Rooks

DST Test Number: 1

