



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates

10-16s-16w Rush, KS

1515 Wynkoop STE 700
Denver CO 80202

Dennis Boxberger1-10

ATTN: Chris Mitchell

Job Ticket: 47120

DST#: 1

Test Start: 2012.06.01 @ 12:05:00

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:19:00

Time Test Ended: 18:19:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 2877.00 ft (KB) To 2927.00 ft (KB) (TVD)

Reference Elevations: 1889.00 ft (KB)

Total Depth: 2927.00 ft (KB) (TVD)

1879.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6753

Inside

Press @ Run Depth: 21.91 psig @ 2878.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.01 End Date: 2012.06.01

Last Calib.: 2012.06.01

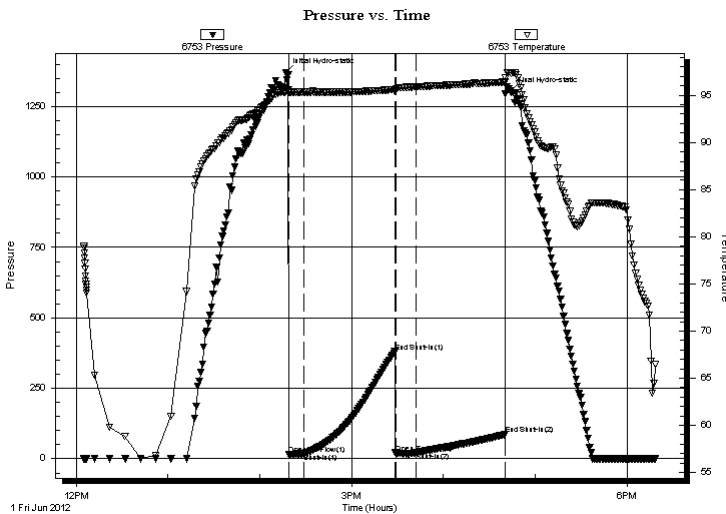
Start Time: 12:05:05 End Time: 18:18:59

Time On Btm: 2012.06.01 @ 14:17:00

Time Off Btm: 2012.06.01 @ 16:43:30

TEST COMMENT: IF-Weak surface blow
60min ISI-No blow
10min FF-Weak surface blow
60min FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1370.97	95.37	Initial Hydro-static
2	15.14	95.31	Open To Flow (1)
12	18.17	95.33	Shut-In(1)
71	380.01	95.60	End Shut-In(1)
72	17.54	95.64	Open To Flow (2)
85	21.91	95.90	Shut-In(2)
143	85.86	96.40	End Shut-In(2)
147	1304.39	97.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
6.00	OSMud	0.08

Gas Rates

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



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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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
6.00	OSMud	0.084

Total Length: 6.00 ft Total Volume: 0.084 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

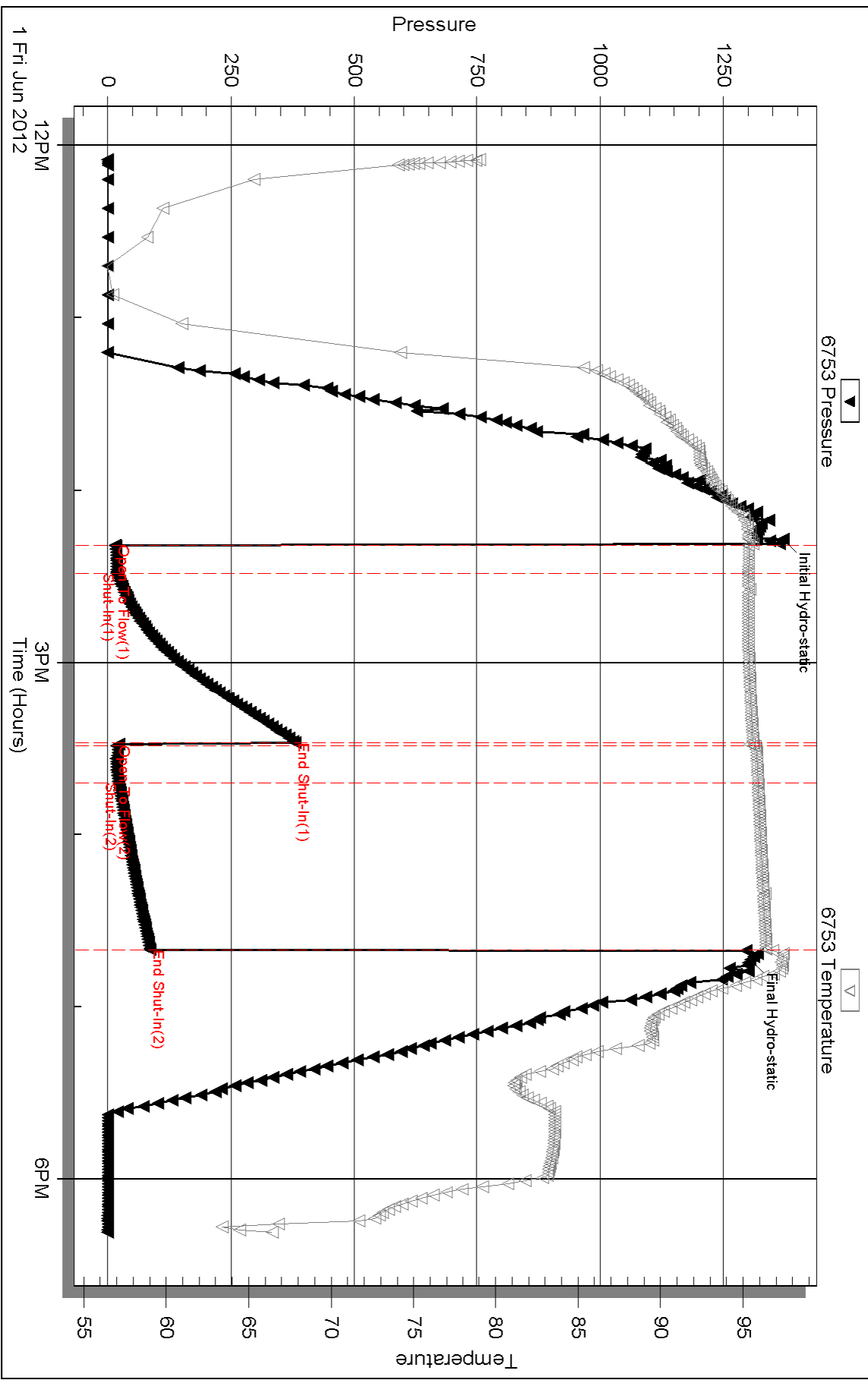
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data 50psi 3000ml OSMud

Pressure vs. Time



Serial #: 8319

Fluid

Samuel Gary Jr & Associates

Dennis Boxberger 1-10

DST Test Number: 1

