



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates Inc.

2/5s/24w

1515 Wynkoop STE 700
Denver, CO 80202

JMNJ Farm #1-2

Job Ticket: 56931

DST#: 1

ATTN: Dan Prichard

Test Start: 2014.06.16 @ 11:15:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:35:00

Time Test Ended: 19:04:45

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 57

Interval: **3494.00 ft (KB) To 3518.00 ft (KB) (TVD)**

Reference Elevations: 2411.00 ft (KB)

Total Depth: 3518.00 ft (KB) (TVD)

2403.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8671 Inside

Press @ Run Depth: 35.79 psig @ 3495.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.16

End Date:

2014.06.16

Last Calib.:

2014.06.16

Start Time: 11:15:05

End Time:

19:04:44

Time On Btm:

2014.06.16 @ 13:34:45

Time Off Btm:

2014.06.16 @ 17:16:00

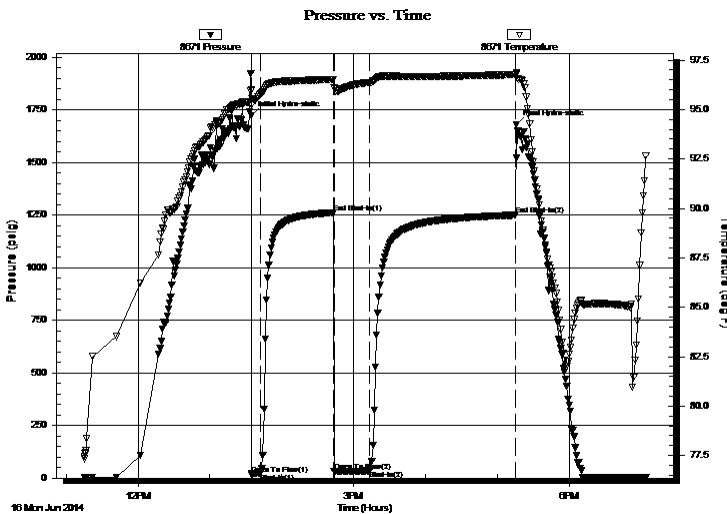
TEST COMMENT: 7 - IF: Blow built to 1/4"

60 - IS: No blow back

30 - FF: Blow at 3 min., built to 2 1/4"

120 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1722.45	95.98	Initial Hydro-static
1	18.90	95.25	Open To Flow (1)
8	25.10	95.78	Shut-In(1)
69	1261.77	96.52	End Shut-In(1)
69	32.83	96.10	Open To Flow (2)
99	35.79	96.37	Shut-In(2)
221	1249.67	96.76	End Shut-In(2)
222	1679.13	96.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	WOCM 45% <i>m</i> , 38% <i>o</i> , 17% <i>w</i>	0.15
5.00	SMCGO 55% <i>o</i> , 40% <i>g</i> , 5% <i>m</i>	0.06

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Associates Inc.

2/5s/24w

1515 Wynkoop STE 700
Denver, CO 80202

JMNJ Farm #1-2

Job Ticket: 56931

DST#: 1

ATTN: Dan Prichard

Test Start: 2014.06.16 @ 11:15:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
30.00	WOCM 45% <i>m</i> , 38% <i>o</i> , 17% <i>w</i>	0.148
5.00	SMCGO 55% <i>o</i> , 40% <i>g</i> , 5% <i>m</i>	0.061

Total Length: 35.00 ft Total Volume: 0.209 bbl

Num Fluid Samples: 0

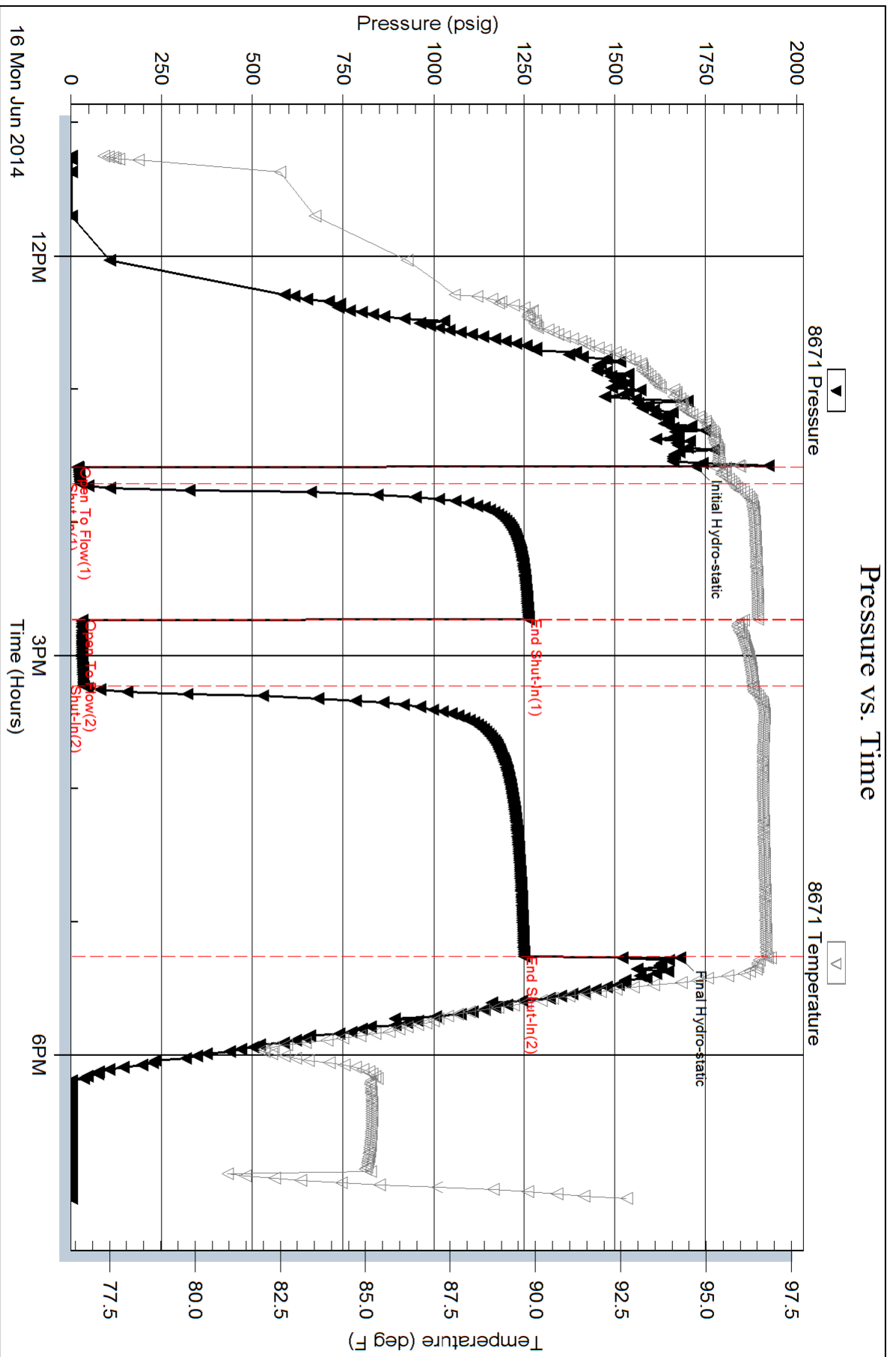
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler : 450 PSI - 2300 mL fluid 43%*m*, 28%*o*, 18%*w*, 11%*g*



Serial #: 8366

Fluid

Samuel Gary Jr. & Associates Inc.

JMNJ Farm #1-2

DST Test Number: 1

