



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sam Gary Jr. & Assoc.

2/5N/24W

1515 Wynkoop, STE 700
Denver, Co 80202

JMNJ Farm #2-2

ATTN: Dan Pritchard

Job Ticket: 60775

DST#: 1

Test Start: 2014.10.01 @ 09:28:00

GENERAL INFORMATION:

Formation: **Toronto - LKC B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:29:30

Time Test Ended: 17:10:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quintana

Unit No: 48

Interval: 3486.00 ft (KB) To 3552.00 ft (KB) (TVD)

Reference Elevations: 2405.00 ft (KB)

Total Depth: 3552.00 ft (KB) (TVD)

2397.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8647

Inside

Press @ Run Depth: 53.41 psig @ 3487.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.01

End Date:

2014.10.01

Last Calib.:

2014.10.01

Start Time: 09:28:01

End Time:

17:10:00

Time On Btm:

2014.10.01 @ 11:28:30

Time Off Btm:

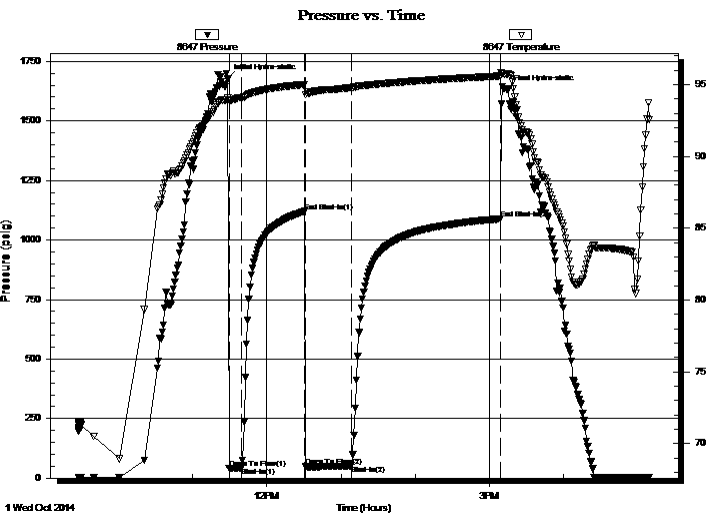
2014.10.01 @ 15:13:30

TEST COMMENT: 10 - IF - Opened w/ surface blow , built to 2 1/2". Mud dropped about 10'.

60 - ISI - No Return

30 - FF - Blow built to 1"

120- FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1676.30	94.07	Initial Hydro-static
1	41.88	93.90	Open To Flow (1)
11	43.38	94.07	Shut-In(1)
62	1119.95	95.00	End Shut-In(1)
63	49.35	94.31	Open To Flow (2)
100	53.41	94.80	Shut-In(2)
220	1088.67	95.59	End Shut-In(2)
225	1633.35	95.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	100% mud w/ oil spots in tool	0.55

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Sam Gary Jr. & Assoc.

2/5N/24W

1515 Wynkoop, STE 700
Denver, Co 80202

JMNJ Farm #2-2

ATTN: Dan Pritchard

Job Ticket: 60775

DST#: 1

Test Start: 2014.10.01 @ 09:28:00

GENERAL INFORMATION:

Formation: **Toronto - LKC B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:29:30

Time Test Ended: 17:10:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quintana

Unit No: 48

Interval: 3486.00 ft (KB) To 3552.00 ft (KB) (TVD)

Total Depth: 3552.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2405.00 ft (KB)

2397.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8372 Outside

Press @ Run Depth: psig @ 3487.00 ft (KB)

Start Date: 2014.10.01

End Date:

2014.10.01

Start Time: 09:28:01

End Time:

17:11:30

Capacity: 8000.00 psig

Last Calib.: 2014.10.01

Time On Btm:

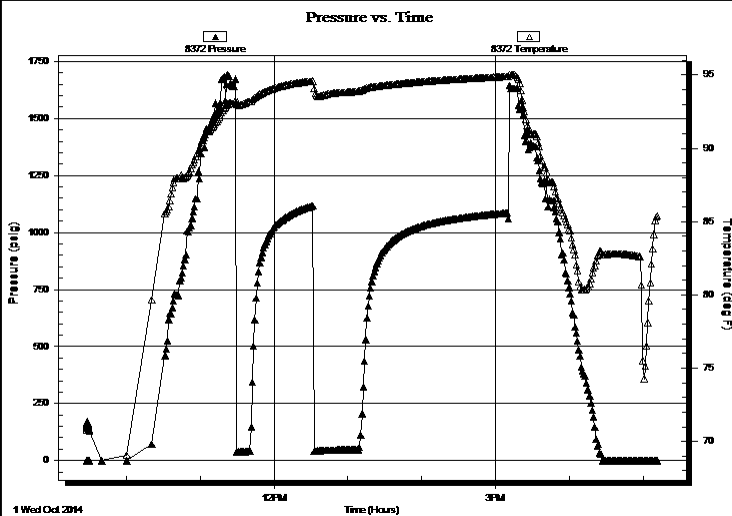
Time Off Btm:

TEST COMMENT: 10 - IF - Opened w/ surface blow , built to 2 1/2". Mud dropped about 10'.

60 - ISI - No Return

30 - FF - Blow built to 1"

120- FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	100% mud w/ oil spots in tool	0.55

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr. & Assoc.

2/5N/24W

1515 Wynkoop, STE 700
Denver, Co 80202

JMNJ Farm #2-2

Job Ticket: 60775

DST#: 1

ATTN: Dan Pritchard

Test Start: 2014.10.01 @ 09:28:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	100% mud w / oil spots in tool	0.555

Total Length: 60.00 ft Total Volume: 0.555 bbl

Num Fluid Samples: 0

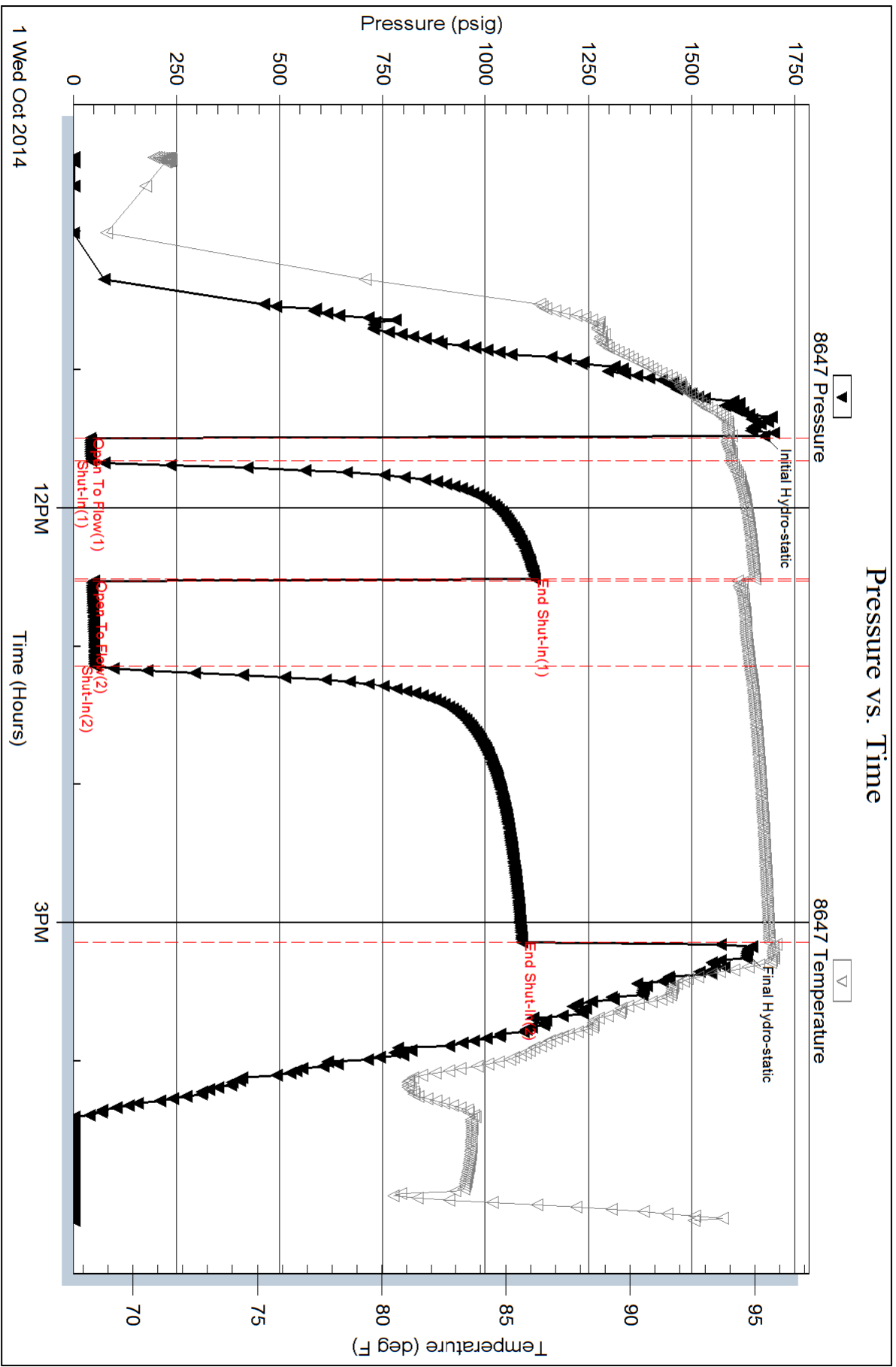
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8372

Outside Sam Gary Jr. & Assoc.

JMNJ Farm #2-2

DST Test Number: 1

