



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Ass., Inc.

**Sec. 33-10s-30w Sheridan,KS**

1515 Wynkoop STE 700  
Denver, CO 80202

**Bixenman #1-33**

Job Ticket: 62467

**DST#: 1**

ATTN: Clayton Camozzi

Test Start: 2015.05.05 @ 07:04:00

## GENERAL INFORMATION:

Formation: **LCK "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:24:50

Time Test Ended: 13:20:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Phillip Gage

Unit No: 77

**Interval: 4163.00 ft (KB) To 4190.00 ft (KB) (TVD)**

Reference Elevations: 2957.00 ft (KB)

Total Depth: 4190.00 ft (KB) (TVD)

2952.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8898**

**Outside**

Press@RunDepth: 27.91 psig @ 4164.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.05

End Date:

2015.05.05

Last Calib.:

2015.05.05

Start Time: 07:04:01

End Time:

13:20:30

Time On Btm:

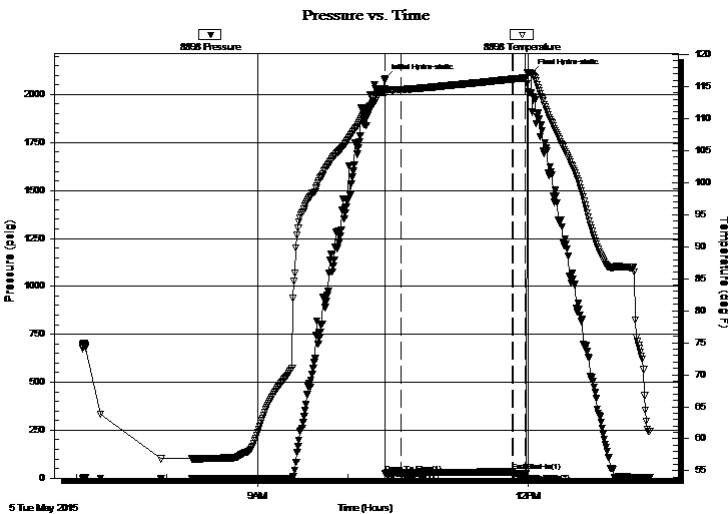
2015.05.05 @ 10:24:40

Time Off Btm:

2015.05.05 @ 12:02:00

**TEST COMMENT:** 10-IF-Built to 3/4"  
75-ISI-No Return  
5-FF-No Blow/Pulled Tool  
FSI-N/A

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2080.85	114.73	Initial Hydro-static
1	23.96	113.83	Open To Flow (1)
11	27.91	114.51	Shut-In(1)
85	33.06	116.16	End Shut-In(1)
85	26.64	116.16	Open To Flow (2)
94	25.64	116.36	Shut-In(2)
98	2110.62	117.00	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	M, 100%m	0.01

## Gas Rates

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



# DRILL STEM TEST REPORT

Samuel Gary Jr. & Ass., Inc.

1515 Wynkoop STE 700  
Denver, CO 80202

ATTN: Clayton Camozzi

**Sec. 33-10s-30w Sheridan,KS**

**Bixenman #1-33**

Job Ticket: 62467

**DST#: 1**

Test Start: 2015.05.05 @ 07:04:00

## GENERAL INFORMATION:

Formation: **LCK "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:24:50

Time Test Ended: 13:20:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Phillip Gage

Unit No: 77

**Interval: 4163.00 ft (KB) To 4190.00 ft (KB) (TVD)**

Reference Elevations: 2957.00 ft (KB)

Total Depth: 4190.00 ft (KB) (TVD)

2952.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

## Serial #: 8354

## Fluid

Press@RunDepth: psig @ 4130.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.05.05 End Date: 2015.05.05

Last Calib.: 2015.05.05

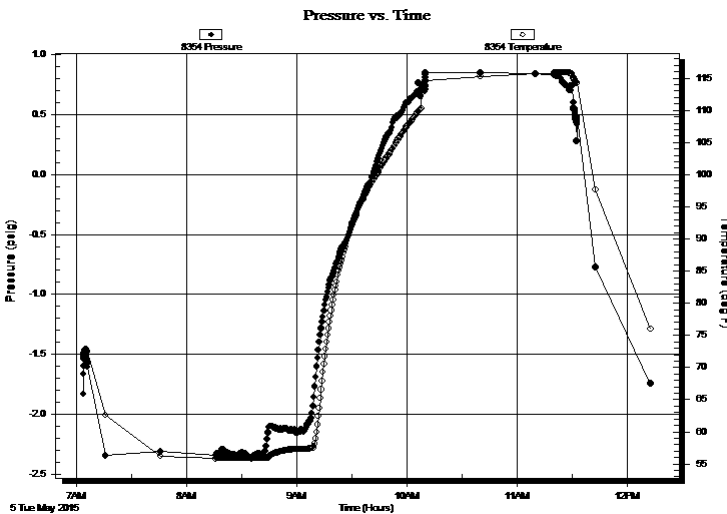
Start Time: 07:04:01 End Time: 12:12:54

Time On Btm:

Time Off Btm:

TEST COMMENT: 10-IF-Built to 3/4"  
75-ISI-No Return  
5-FF-No Blow /Pulled Tool  
FSI-N/A

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	M, 100%m	0.01

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Samuel Gary Jr. & Ass., Inc.

**Sec. 33-10s-30w Sheridan,KS**

1515 Wynkoop STE 700  
Denver, CO 80202

**Bixenman #1-33**

Job Ticket: 62467

**DST#: 1**

ATTN: Clayton Camozzi

Test Start: 2015.05.05 @ 07:04:00

## 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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 750.00 ppm

Filter Cake: 3.50 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	M, 100%m	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

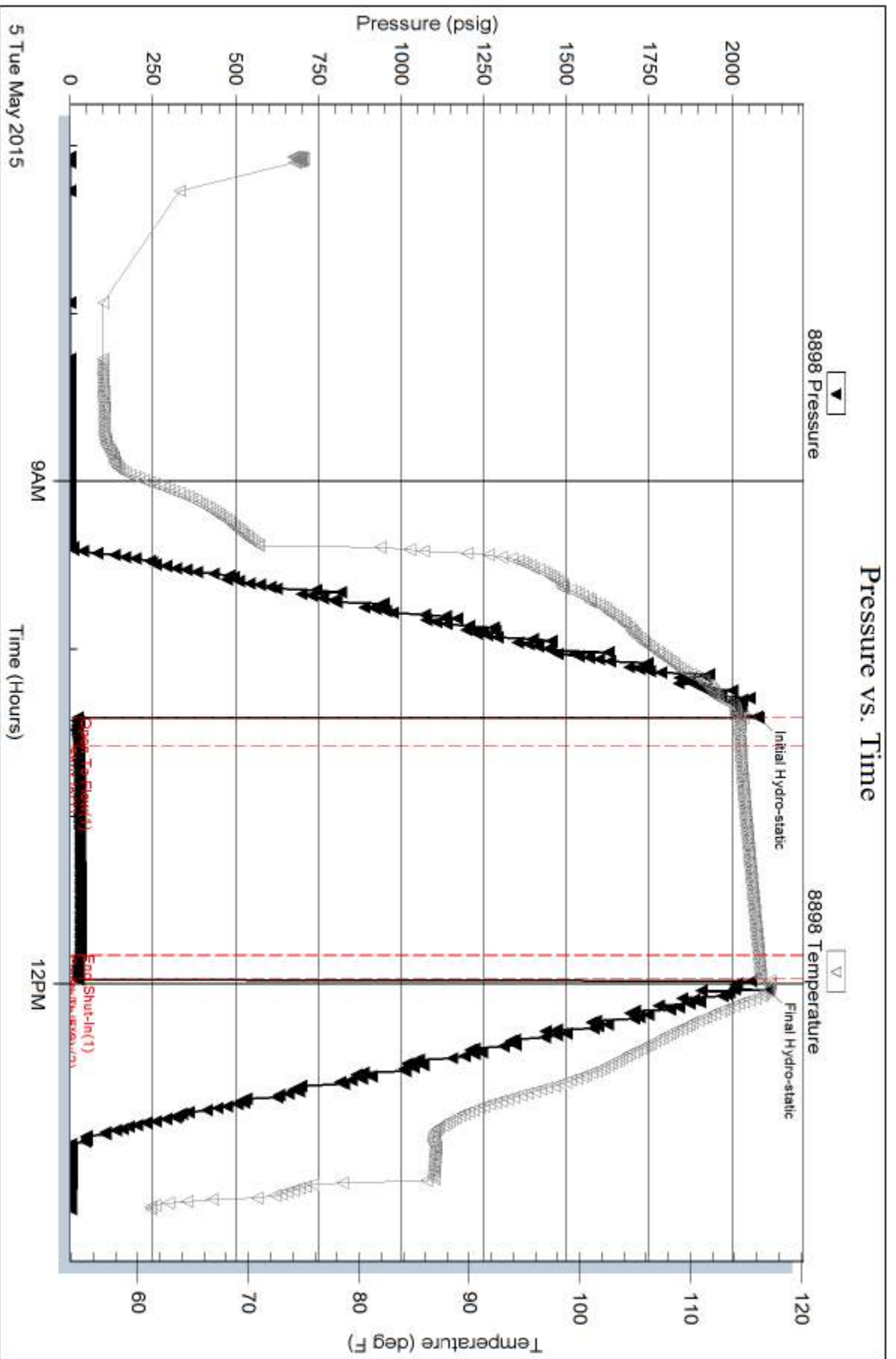
Recovery Comments:

Serial #: 8898

Outside Samuel Gary Jr. & Ass., Inc.

Bixenman #1-33

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 62467

Printed: 2015.05.05 @ 13:54:29

Serial #: 8354

Fluid

Samuel Gary Jr. & Ass., Inc.

Bikenman #1-33

DST Test Number: 1

