



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Samuel Gary JR & Assoc Inc

**23 10s 23w Graham**

1515 Wynkoop Ste 700  
Denver CO 80202

**R Conness 1-23**

Job Ticket: 56020

**DST#: 3**

ATTN: Chris Mitchell

Test Start: 2014.03.18 @ 11:11:00

## GENERAL INFORMATION:

Formation: **LKC "I - J"**

Deviated: No Whipstock: 2336.00 ft (KB)

Time Tool Opened: 13:05:30

Time Test Ended: 18:50:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

**Interval: 3770.00 ft (KB) To 3828.00 ft (KB) (TVD)**

Reference Elevations: 2336.00 ft (KB)

Total Depth: 3828.00 ft (KB) (TVD)

2329.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8289 Outside**

Press@RunDepth: 23.66 psig @ 3774.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.18

End Date:

2014.03.18

Last Calib.:

2014.03.18

Start Time: 11:11:02

End Time:

18:39:15

Time On Btm:

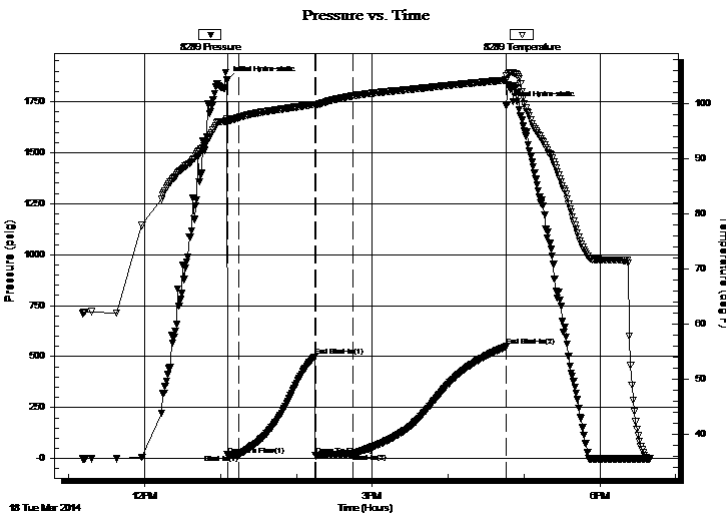
2014.03.18 @ 13:05:15

Time Off Btm:

2014.03.18 @ 16:46:15

**TEST COMMENT:** 10-IFP- Surface Blow Building to 1 1/2in.  
60-ISIP- No Blow  
30-FFP- Surface Blow Building to 6 in.  
120-FSIP- No Blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1855.29	97.25	Initial Hydro-static
1	18.42	96.80	Open To Flow (1)
10	18.81	97.51	Shut-In(1)
70	500.08	99.91	End Shut-In(1)
70	16.51	99.77	Open To Flow (2)
100	23.66	101.45	Shut-In(2)
221	549.80	104.32	End Shut-In(2)
221	1731.40	105.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
17.00	OCM 12%o 88%m	0.24

## Gas Rates

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

\* Recovery from multiple tests





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## FLUID SUMMARY

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Test Start: 2014.03.18 @ 11:11:00

### 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: 6.79 in<sup>3</sup>

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 bbl
17.00	OCM 12%o 88%m	0.238

Total Length: 17.00 ft      Total Volume: 0.238 bbl

Num Fluid Samples: 0

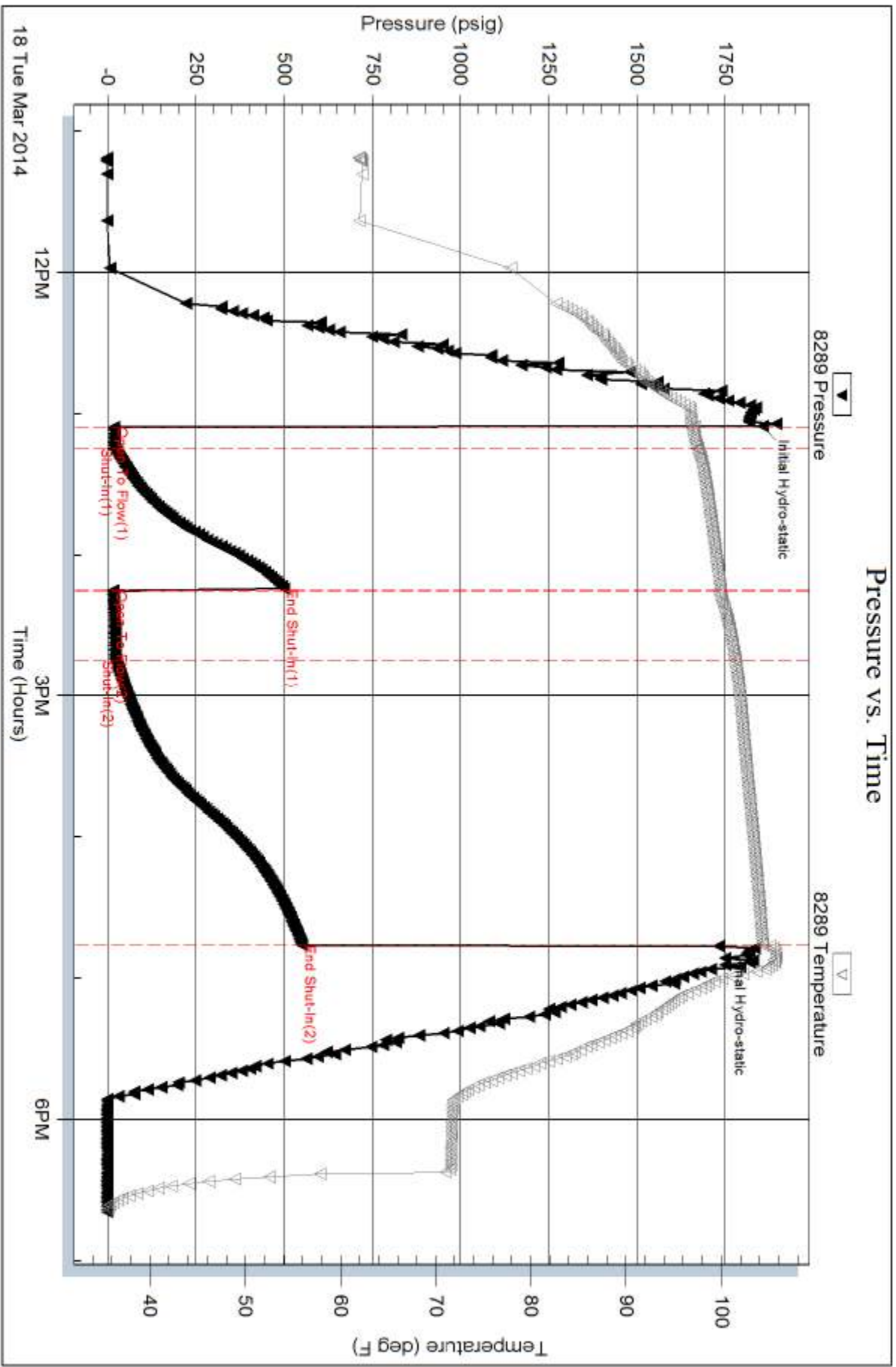
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler -- 300ml oil -- 200ml mud -- 130psi



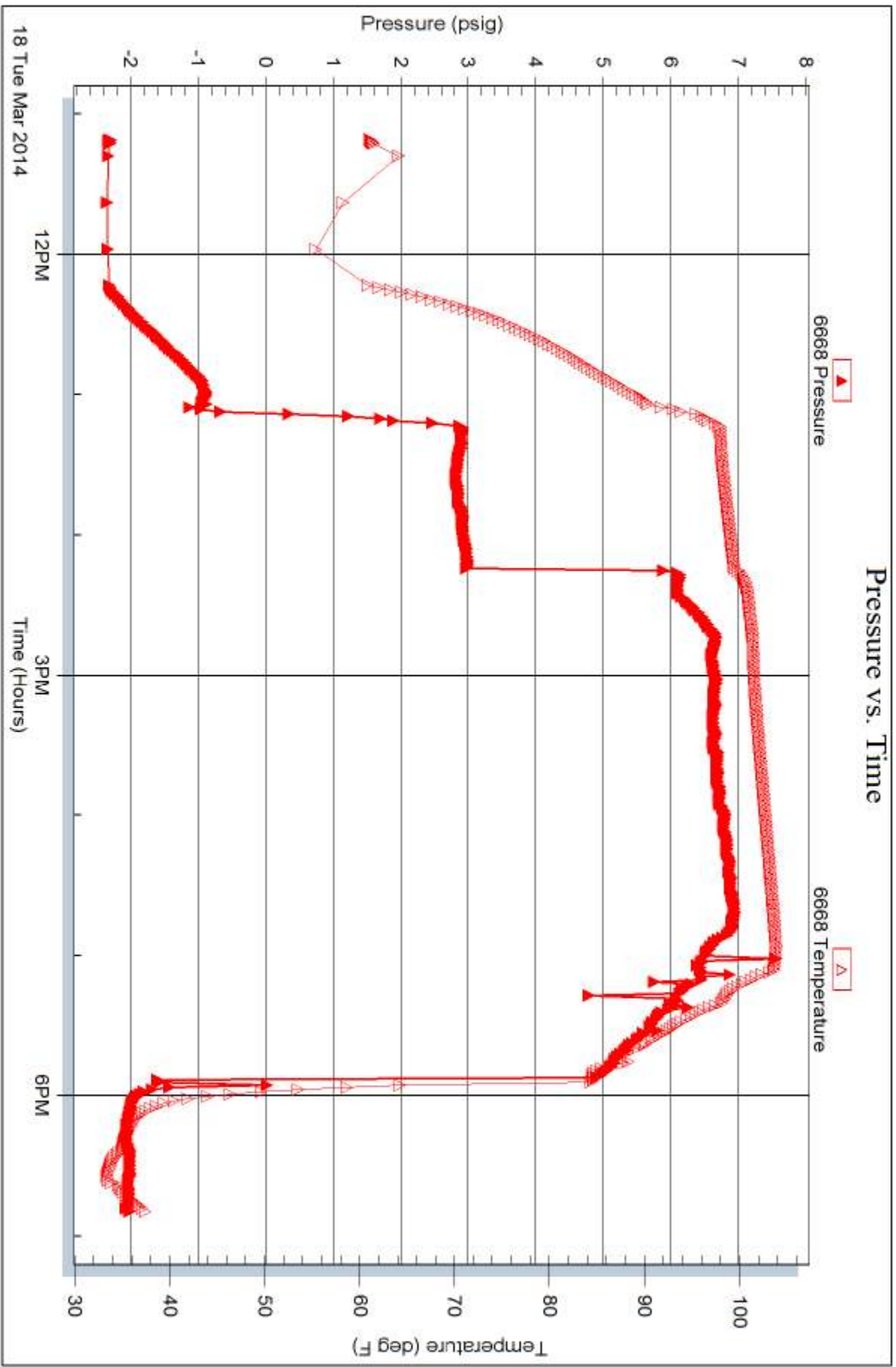
Serial #: 6668

Fluid

Samuel Gary JR & Assoc Inc

R Conness 1-23

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 56020

Printed: 2014.03.18 @ 20:11:38