



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Assoc.

**Sec. 21 - 10 s. - 30 w./ Sheridan**

1515 Wynkoop Suite 700  
Denver CO 80202

**Schwarz # 1-21**

Job Ticket: 62515

**DST#: 1**

ATTN: Clayton Camozzi

Test Start: 2015.03.02 @ 00:30:00

## GENERAL INFORMATION:

Formation: **L.K.C. 'H - I'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:59:45

Time Test Ended: 09:08:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bob Hamel

Unit No: 72

**Interval: 4128.00 ft (KB) To 4198.00 ft (KB) (TVD)**

Reference Elevations: 2935.00 ft (KB)

Total Depth: 4198.00 ft (KB) (TVD)

2927.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8845 Outside**

Press@RunDepth: 36.82 psig @ 4132.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.02

End Date:

2015.03.02

Last Calib.:

2015.03.02

Start Time: 00:30:05

End Time:

09:08:00

Time On Btm:

2015.03.02 @ 03:56:00

Time Off Btm:

2015.03.02 @ 07:15:15

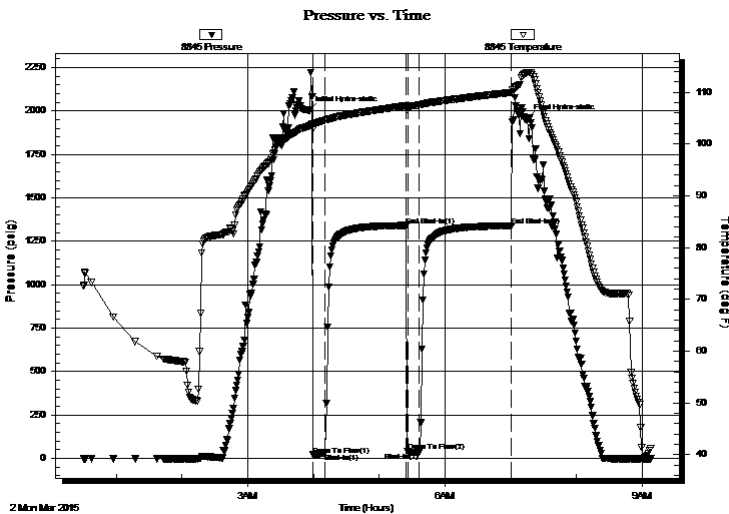
TEST COMMENT: I.F. - 10 - 1/8" INT. BLOW BUILT TO 1"

I.S.I. - 75 - NO B.B.

F.F. - 10 - 1/4" INT. BLOW BUILT TO 1"

F.S.I. - 75 - NO B.B.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2003.62	103.46	Initial Hydro-static
4	19.87	102.98	Open To Flow (1)
15	31.30	104.54	Shut-In(1)
89	1340.40	107.40	End Shut-In(1)
90	39.03	106.59	Open To Flow (2)
101	36.82	107.50	Shut-In(2)
185	1338.18	109.96	End Shut-In(2)
200	1952.57	113.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	S,W,C,M, 10%W 90%M	0.05

## Gas Rates

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





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## FLUID SUMMARY

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Test Start: 2015.03.02 @ 00:30:00

### 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:

14000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

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

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
10.00	S,W,C,M, 10%W 90%M	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

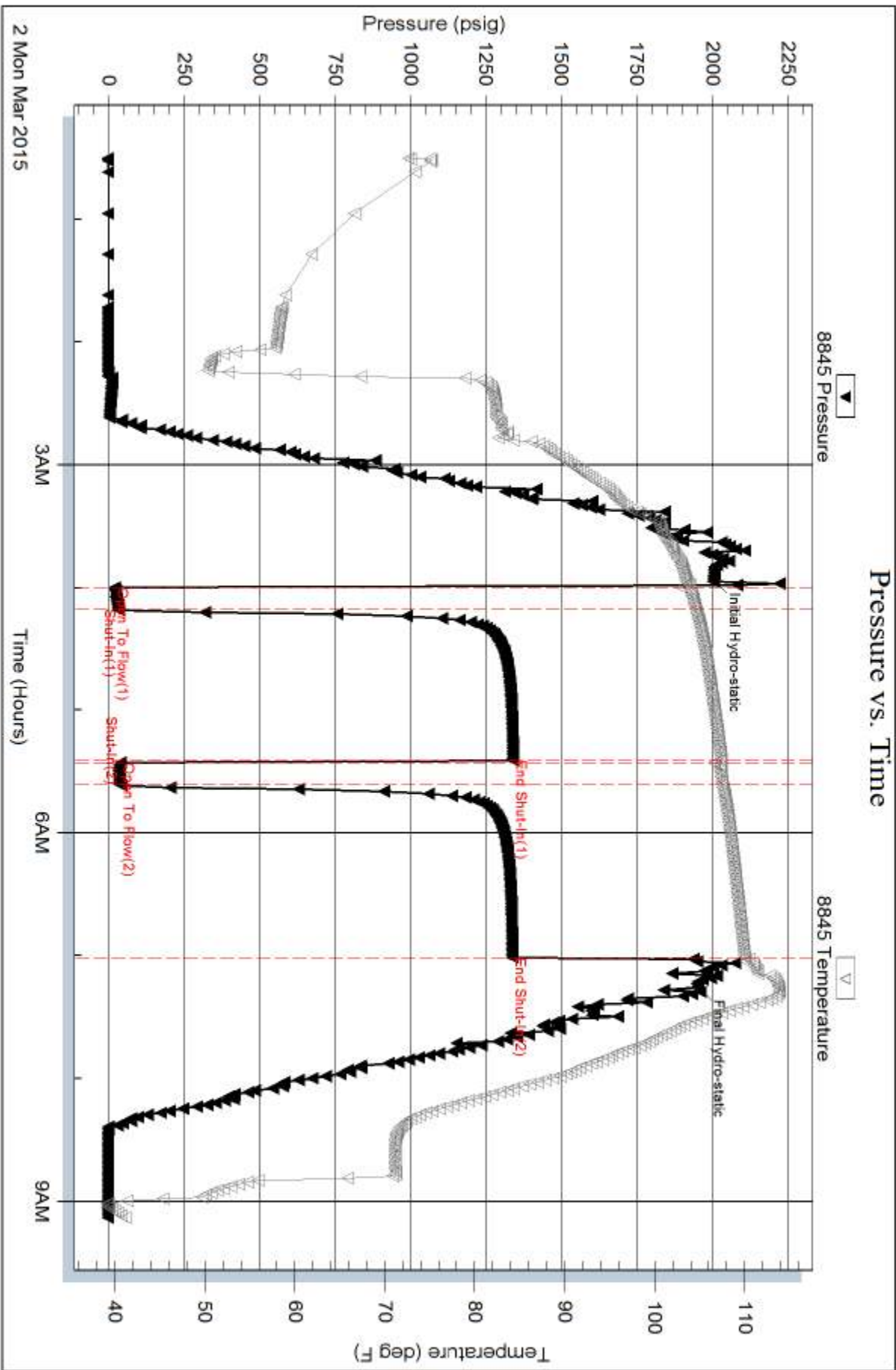
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: R.W. = 0.93 @ 38 DEG



Serial #: 8167

Fluid

Samuel Gary Jr. & Assoc.

Schwartz # 1-21

DST Test Number: 1

