



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates, Inc.

**15-10S-30W**

1515 Wynkoop, STE 700  
Denver, CO, 80202

**Fellhoelter 1-15**

Job Ticket: 62141

**DST#: 1**

ATTN: Chris Mitchell

Test Start: 2015.01.12 @ 09:35:00

## GENERAL INFORMATION:

Formation: **LKC "A-C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:04:30

Time Test Ended: 18:05:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Donovan Baumann

Unit No: 83

**Interval: 3927.00 ft (KB) To 3975.00 ft (KB) (TVD)**

Reference Elevations: 2881.00 ft (KB)

Total Depth: 3975.00 ft (KB) (TVD)

2873.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8366 Outside**

Press @ Run Depth: 178.94 psig @ 3928.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.12 End Date: 2015.01.12

Last Calib.: 2015.01.12

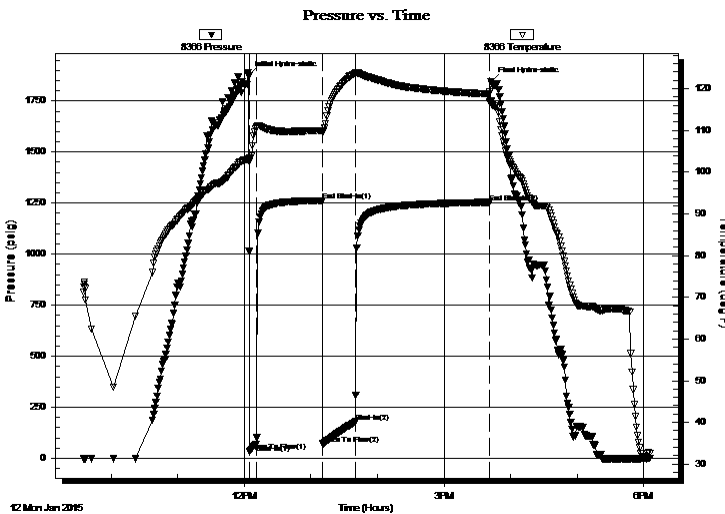
Start Time: 09:35:05 End Time: 18:05:14

Time On Btm: 2015.01.12 @ 12:04:00

Time Off Btm: 2015.01.12 @ 15:42:45

**TEST COMMENT:** 5 - IF - Weak surface blow built to 4 in. in 5 min. ( In Diesel )  
60 - ISI - No return  
30 - FF - Strong surface blow built to BOB in 9 min.  
120 - FSI - No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1872.09	103.06	Initial Hydro-static
1	33.40	102.82	Open To Flow (1)
7	69.25	110.60	Shut-In(1)
66	1262.50	109.97	End Shut-In(1)
67	71.20	109.55	Open To Flow (2)
96	178.94	123.66	Shut-In(2)
217	1253.59	118.75	End Shut-In(2)
219	1844.21	116.27	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
189.00	WCM - 25W - 75M	2.37
126.00	WCM - 30W - 70M	1.77
31.00	WCOM - 5W - 15c - 80M	0.43

## Gas Rates

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







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**FLUID SUMMARY**

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## 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: 61.00 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
189.00	WCM - 25W - 75M	2.369
126.00	WCM - 30W - 70M	1.767
31.00	WCOM - 5W - 15o - 80M	0.435

Total Length: 346.00 ft      Total Volume: 4.571 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

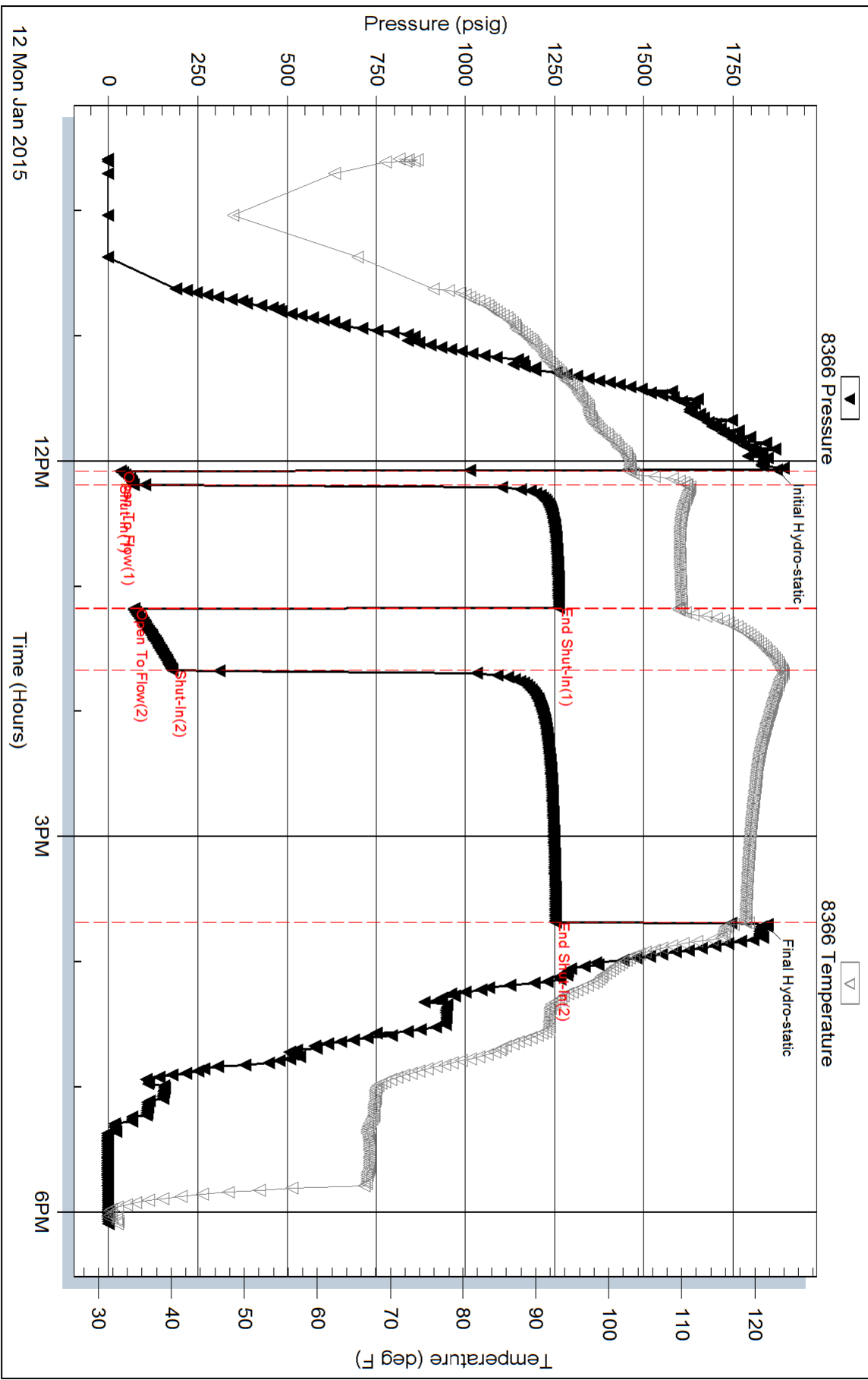
Laboratory Location:

Recovery Comments: Gravity - 32

API RW - .3 @ 46 DEG.

Chlorides - 38000 ppm

### Pressure vs. Time



Serial #: 8791

Inside

Samuel Gary Jr. & Associates, Inc.

Fellhoelter 1-15

DST Test Number: 1

