



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr & Assoc.Inc

**24-15s-16w Ellis**

1515 Wynkoop, Ste700  
Denver Co 80202

**Landon etal #1-24**

ATTN: Chris Mitchell

Job Ticket: 50373

**DST#: 2**

Test Start: 2013.03.17 @ 10:35:06

## GENERAL INFORMATION:

Formation: **LKC F-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:13:01

Time Test Ended: 18:32:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

**Interval: 3177.00 ft (KB) To 3211.00 ft (KB) (TVD)**

Reference Elevations: 1861.00 ft (KB)

Total Depth: 3211.00 ft (KB) (TVD)

1853.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8369 Inside**

Press @ Run Depth: 176.21 psig @ 3182.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.17

End Date:

2013.03.17

Last Calib.:

2013.03.17

Start Time: 10:35:06

End Time:

18:32:30

Time On Btm:

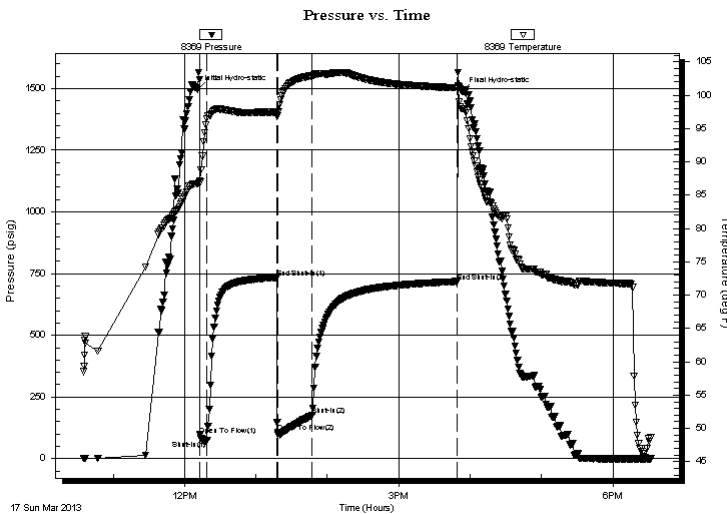
2013.03.17 @ 12:10:46

Time Off Btm:

2013.03.17 @ 15:53:15

**TEST COMMENT:** 5-IFP-strg bl in 1min  
60-ISIP-1/4"bl bk  
30-FFP-strg bl thru-out  
120-FSIP-strg bl bk GTS approx 60min into

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1496.24	86.74	Initial Hydro-static
3	97.14	86.91	Open To Flow (1)
8	75.57	96.46	Shut-In(1)
67	732.86	97.41	End Shut-In(1)
68	106.92	96.89	Open To Flow (2)
97	176.21	102.93	Shut-In(2)
219	716.79	101.11	End Shut-In(2)
223	1489.53	97.99	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS final shut-in	0.00
125.00	MGO 35%G35%O30%M	1.48
560.00	CO	7.86

## Gas Rates

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

\* Recovery from multiple tests



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**FLUID SUMMARY**

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## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8100.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GTS final shut-in	0.000
125.00	MGO 35%G35%O30%M	1.480
560.00	CO	7.855

Total Length: 685.00 ft      Total Volume: 9.335 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data: PSI 550 550MLgas 1500MLoil

Serial #: 8369

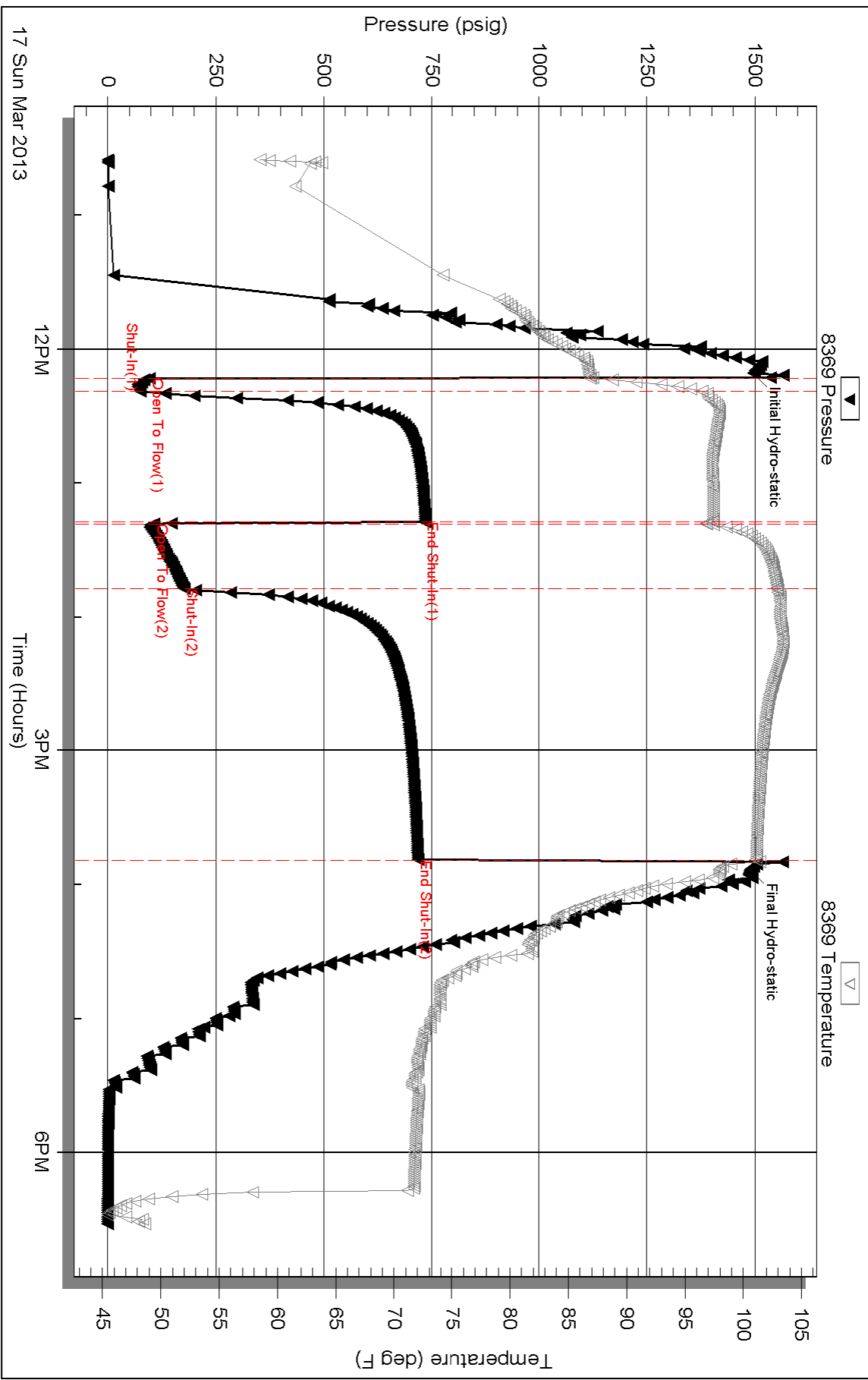
Inside

Samuel Gary Jr & Assoc. Inc

Landon etal #1-24

DST Test Number: 2

# Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50373

Printed: 2013.03.18 @ 05:51:42