



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates, Inc.

**5-9S-16W Rooks, KS**

1515 Wynkoop Ste. 700  
Denver, CO 80202

**Lola #1-5**

Job Ticket: 58391

**DST#: 1**

ATTN: Chris Mitchell

Test Start: 2014.08.09 @ 04:46:56

## GENERAL INFORMATION:

Formation: **LKC "A-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:16:56

Time Test Ended: 12:49:11

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 62

**Interval: 3039.00 ft (KB) To 3100.00 ft (KB) (TVD)**

Reference Elevations: 1919.00 ft (KB)

Total Depth: 3100.00 ft (KB) (TVD)

1911.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8655 Outside**

Press@RunDepth: 32.47 psig @ 3040.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.09

End Date:

2014.08.09

Last Calib.:

2014.08.09

Start Time: 04:47:01

End Time:

12:49:10

Time On Btm:

2014.08.09 @ 07:15:41

Time Off Btm:

2014.08.09 @ 10:57:41

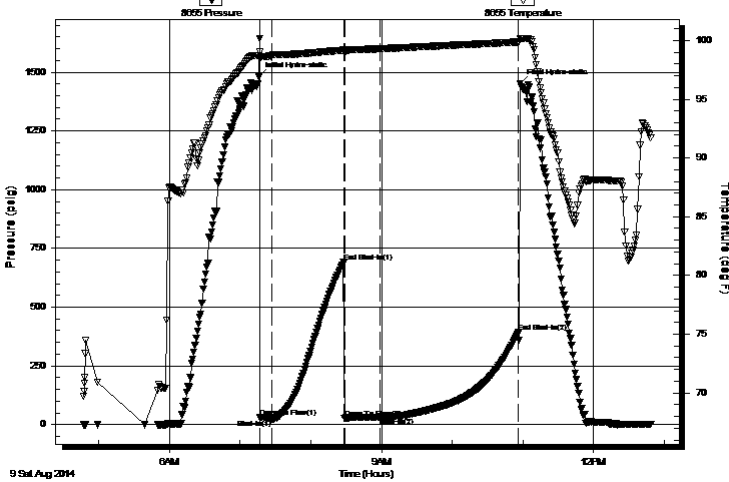
TEST COMMENT: 010- IF- SLow ly built to .75"

060- IS- No blow

030- FF- No blow

120- FS- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1479.72	98.75	Initial Hydro-static
2	29.89	98.45	Open To Flow (1)
12	24.56	98.75	Shut-In(1)
73	690.79	99.18	End Shut-In(1)
73	28.39	99.03	Open To Flow (2)
103	32.47	99.30	Shut-In(2)
221	393.81	99.89	End Shut-In(2)
222	1450.04	100.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	CO	0.01
20.00	SOCM, 10%O 90%M	0.10

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

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 8.38 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	CO	0.010
20.00	SOCM, 10%O 90%M	0.098

Total Length: 22.00 ft      Total Volume: 0.108 bbl

Num Fluid Samples: 0

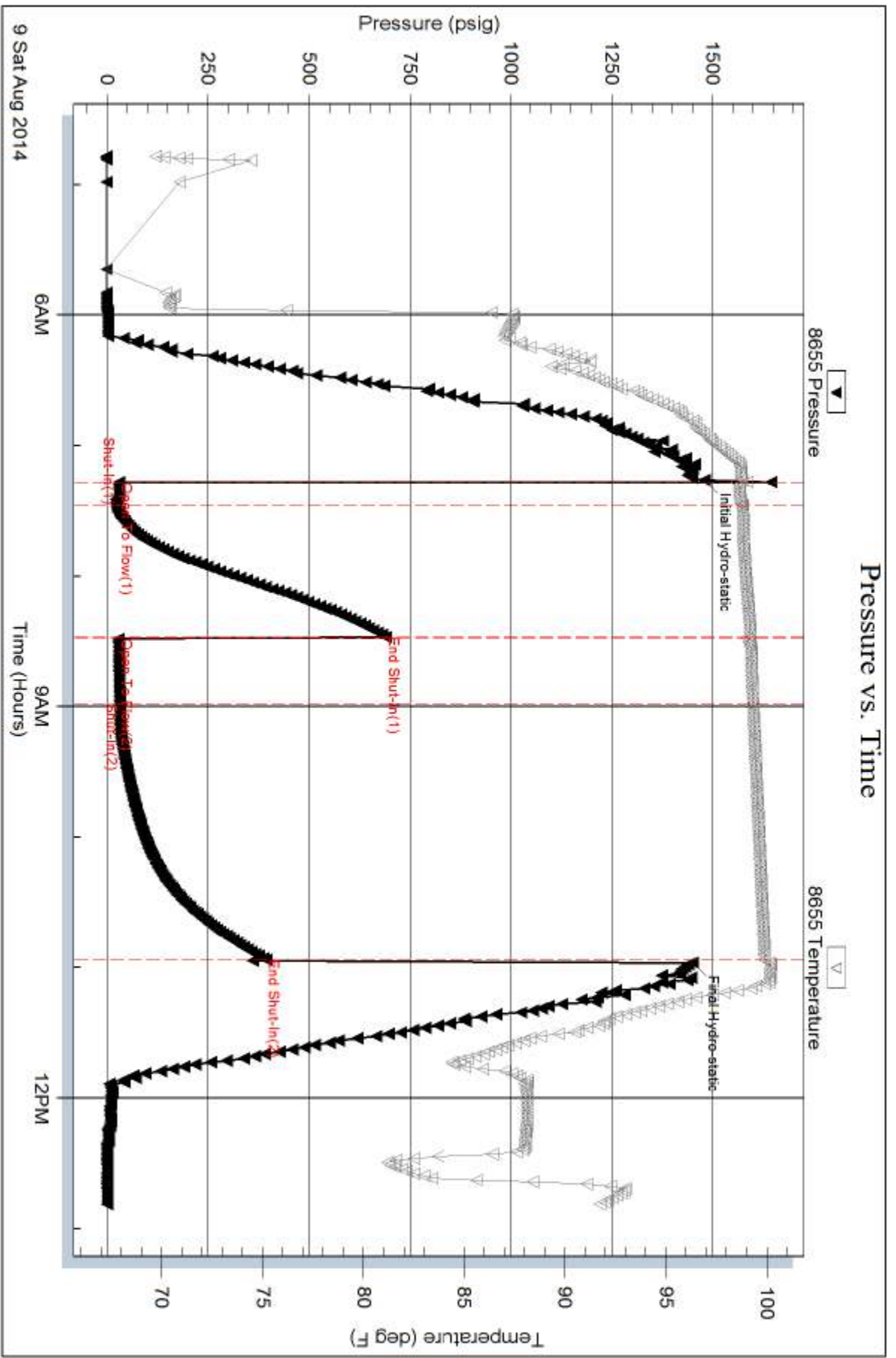
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 2000mL M w / oil spots @ 60PSI



Serial #: 8673

Fluid

Samuel Gary Jr. & Associates, Inc.

Lot# 1-5

DST Test Number: 1

