



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates, inc.

17-10S-22W Graham, KS

1515 Wynkoop Ste. 700
Denver, CO 80202

Fritts Trust #1-17

Job Ticket: 54014

DST#: 2

ATTN: Chris Mitchell

Test Start: 2014.03.09 @ 23:44:38

GENERAL INFORMATION:

Formation: **LKC 'I-K'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:42:38
 Time Test Ended: 08:34:08
 Interval: **3756.00 ft (KB) To 3828.00 ft (KB) (TVD)**
 Total Depth: 3828.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brannan L/ Phillip G
 Unit No: 46
 Reference Elevations: 2343.00 ft (KB)
 2335.00 ft (CF)
 KB to GR/CF: 8.00 ft

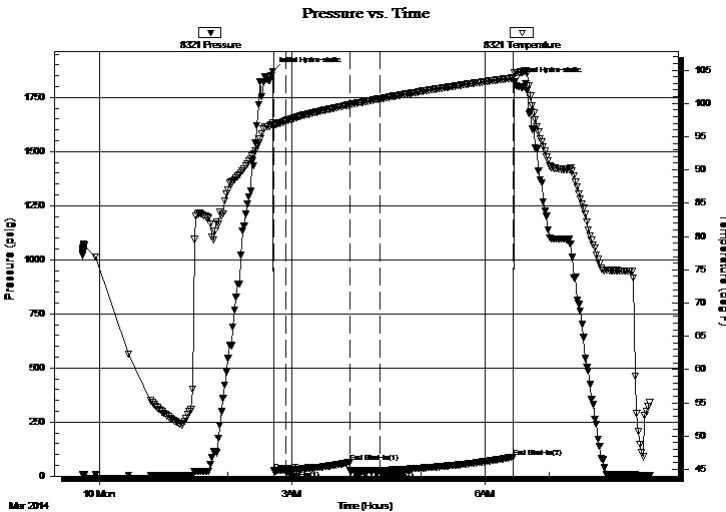
Serial #: 8321

Outside

Press@RunDepth: 26.53 psig @ 3757.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.09 End Date: 2014.03.10 Last Calib.: 2014.03.10
 Start Time: 23:44:39 End Time: 08:34:08 Time On Btm: 2014.03.10 @ 02:41:38
 Time Off Btm: 2014.03.10 @ 06:27:08

TEST COMMENT: 010-IF Weak blow @ 3/4"
 060-ISI No blow
 030-FF Weak surface blow
 120-FSI No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1870.69	97.05	Initial Hydro-static
1	23.85	96.58	Open To Flow (1)
12	25.82	97.35	Shut-In(1)
72	64.23	99.80	End Shut-In(1)
73	26.00	99.81	Open To Flow (2)
101	26.53	100.71	Shut-In(2)
224	88.58	103.84	End Shut-In(2)
226	1823.79	104.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	M with show of oil	0.01

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 54014

DST#: 2

ATTN: Chris Mitchell

Test Start: 2014.03.09 @ 23:44:38

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	M with show of oil	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

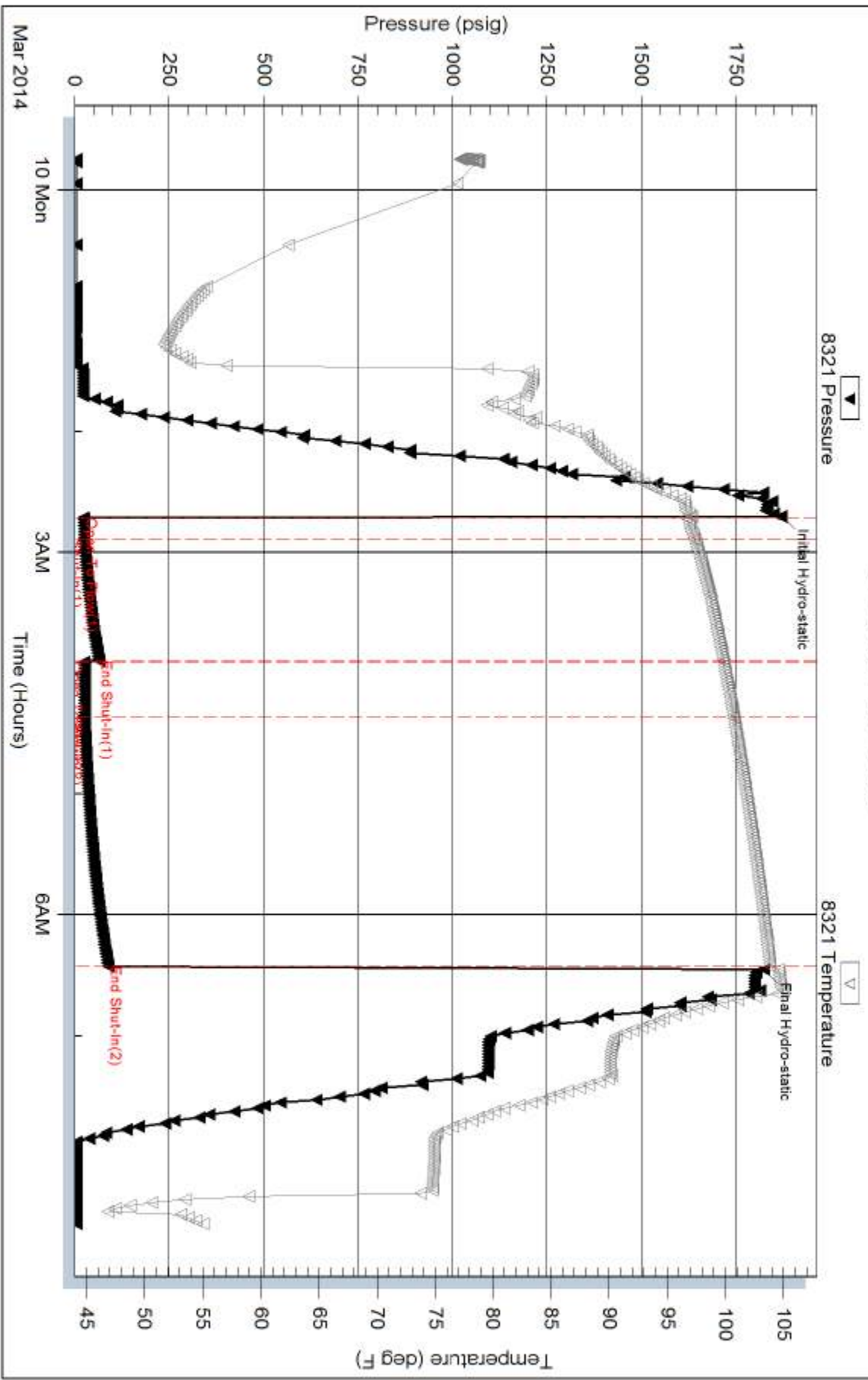
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler 2000 ml M @ 20PSI

Pressure vs. Time



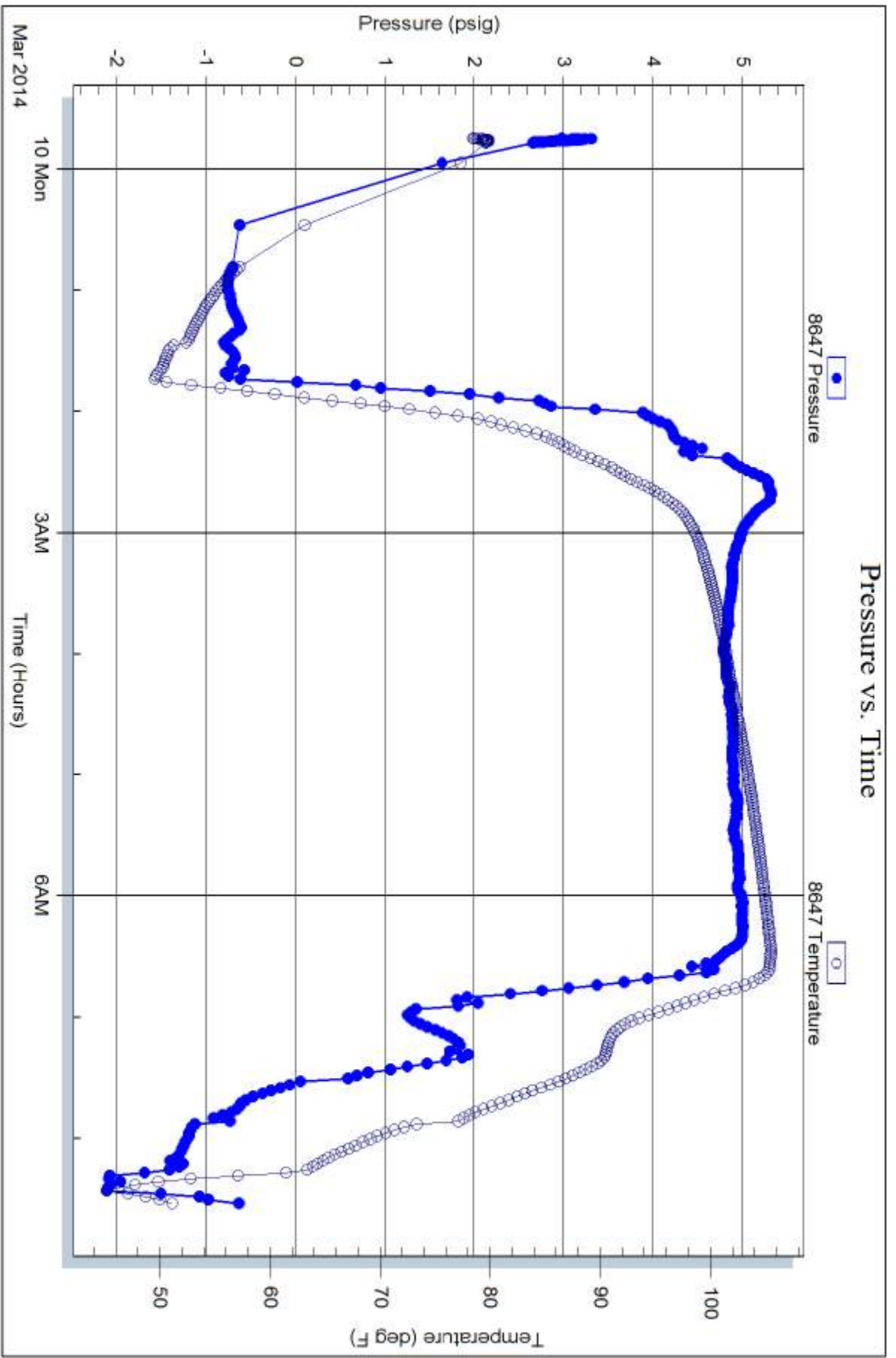
Serial #: 8647

Fluid

Samuel Gary Jr. & Associates, Inc.

Fritts Trust #1-17

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 54014

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