



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Samuel Gary Jr & Assoc Inc

16-9s-16w Rooks

1515 Wynkoop
STE 700
Denver, CO 80202
ATTN: Clayton Camozzi

JC #1-16

Job Ticket: 55330

DST#: 2

Test Start: 2014.04.21 @ 12:55:46

GENERAL INFORMATION:

Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:39:26
 Time Test Ended: 19:00:40
 Interval: **3180.00 ft (KB) To 3216.00 ft (KB) (TVD)**
 Total Depth: 3216.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2061.00 ft (KB)
 2053.00 ft (CF)
 KB to GR/CF: 8.00 ft

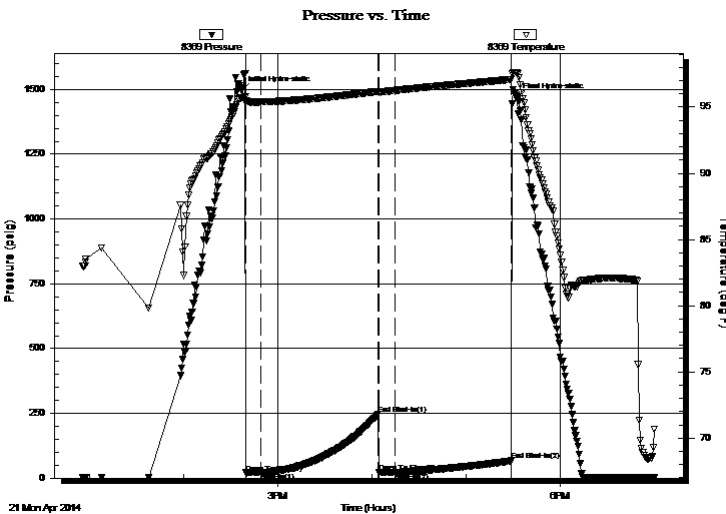
Serial #: 8369

Inside

Press@RunDepth: 22.17 psig @ 3184.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.04.21 End Date: 2014.04.21 Last Calib.: 2014.04.21
 Start Time: 12:55:46 End Time: 19:00:40 Time On Btm: 2014.04.21 @ 14:37:11
 Time Off Btm: 2014.04.21 @ 17:32:10

TEST COMMENT: 10-IFP-surface bl, died in 7min
 75-ISIP-no bl
 10-FFP-no bl
 75-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1496.55	95.70	Initial Hydro-static
3	19.83	95.34	Open To Flow (1)
13	21.88	95.39	Shut-In(1)
87	246.84	96.18	End Shut-In(1)
88	21.90	96.13	Open To Flow (2)
98	22.17	96.25	Shut-In(2)
172	67.13	97.09	End Shut-In(2)
175	1469.53	97.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	SOCM 5% O95%M	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Samuel Gary Jr & Assoc Inc

1515 Wynkoop
STE 700
Denver ,CO 80202
ATTN: Clayton Camozzi

16-9s-16w Rooks

JC #1-16

Job Ticket: 55330

DST#: 2

Test Start: 2014.04.21 @ 12:55:46

GENERAL INFORMATION:

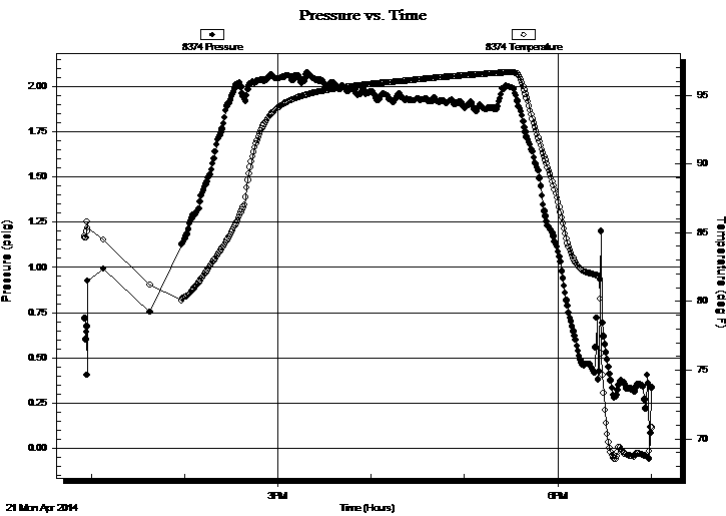
Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:39:26
 Time Test Ended: 19:00:40
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Interval: **3180.00 ft (KB) To 3216.00 ft (KB) (TVD)**
 Total Depth: 3216.00 ft (KB) (TVD)
 Reference Elevations: 2061.00 ft (KB)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 KB to GR/CF: 8.00 ft
 2053.00 ft (CF)

Serial #: 8374

Fluid

Press@RunDepth: psig @ 3144.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.04.21 End Date: 2014.04.21 Last Calib.: 2014.04.21
 Start Time: 12:55:56 End Time: 19:00:20 Time On Btm:
 Time Off Btm:

TEST COMMENT: 10-IFP-surface bl , died in 7min
 75-ISIP-no bl
 10-FFP-no bl
 75-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
3.00	SOCM 5%O95%M	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Assoc Inc

16-9s-16w Rooks

1515 Wynkoop
STE 700
Denver, CO 80202
ATTN: Clayton Camozzi

JC #1-16

Job Ticket: 55330

DST#: 2

Test Start: 2014.04.21 @ 12:55:46

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.97 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 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
3.00	SOCM 5%O95%M	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

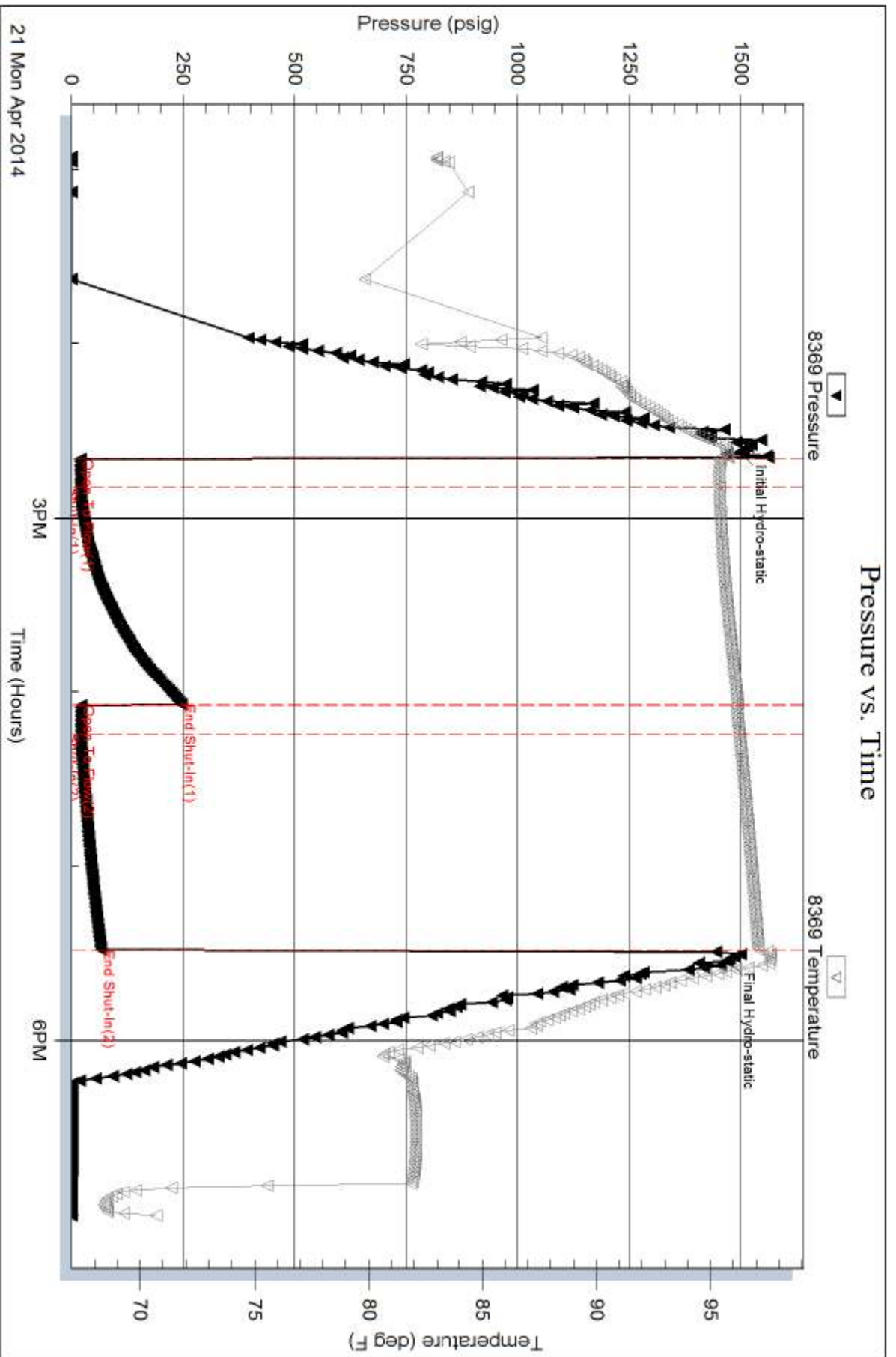
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data: PSI 40# 100MLoil 1900MLmud



21 Mon Apr 2014

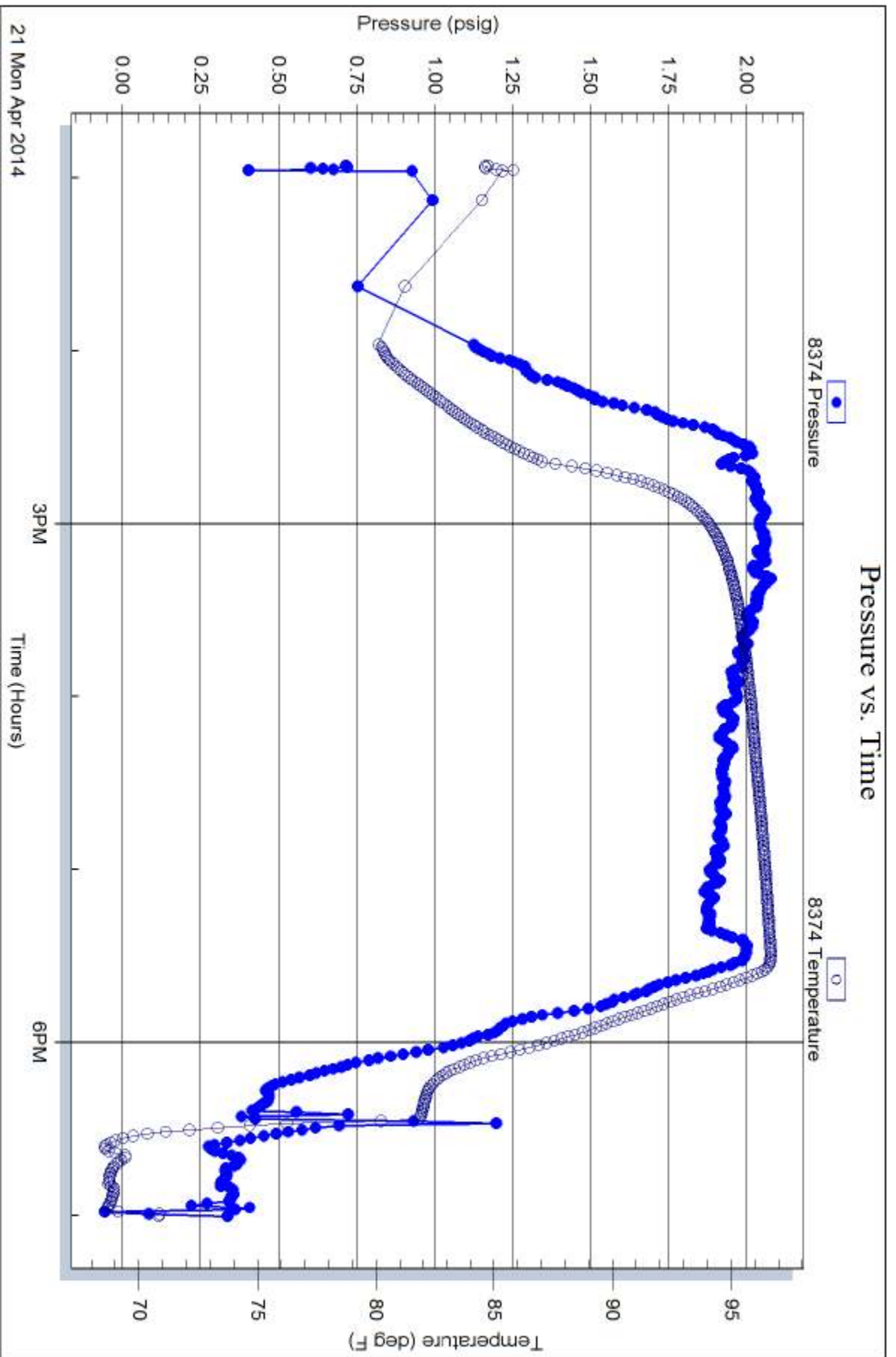
Serial #: 8374

Fluid

Samuel Gary Jr & Assoc Inc

JC #1-16

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 55330

Printed: 2014.04.22 @ 08:43:12