



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Samuel Gary Jr & Assoc Inc

17-9s-16w Rooks

1515 Wynkoop
STE 700
Denver Co 80202
ATTN: Chris Mitchell

Finnesy et al #1-17

Job Ticket: 55343 **DST#: 3**
Test Start: 2014.05.11 @ 22:50:49

GENERAL INFORMATION:

Formation: **LKC I-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:25:44
 Time Test Ended: 06:09:13
 Interval: **3290.00 ft (KB) To 3325.00 ft (KB) (TVD)**
 Total Depth: 3325.00 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: 2010.00 ft (KB)
 2002.00 ft (CF)
 KB to GR/CF: 8.00 ft

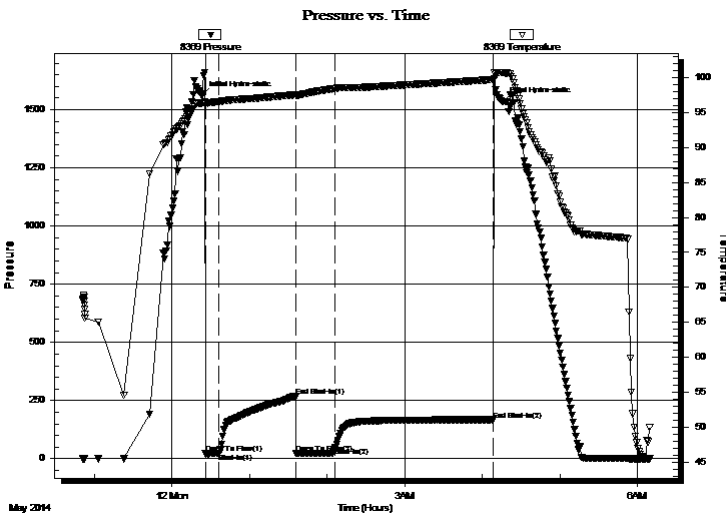
Serial #: 8369

Inside

Press@RunDepth: 47.10 psig @ 3291.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.11 End Date: 2014.05.12 Last Calib.: 2014.05.12
 Start Time: 22:50:49 End Time: 06:09:13 Time On Btm: 2014.05.12 @ 00:23:14
 Time Off Btm: 2014.05.12 @ 04:15:43

TEST COMMENT: 10-IFP-w k bl ,surface bl
 60-ISIP-no bl
 30-FFP-no bl
 120-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1559.89	96.36	Initial Hydro-static
3	21.14	96.26	Open To Flow (1)
13	23.62	96.59	Shut-In(1)
72	267.15	97.56	End Shut-In(1)
73	24.05	97.50	Open To Flow (2)
103	47.10	98.49	Shut-In(2)
225	167.62	99.72	End Shut-In(2)
233	1533.87	100.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	SOCM 5% O95%M	0.21

* Recovery from multiple tests

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: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.16 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

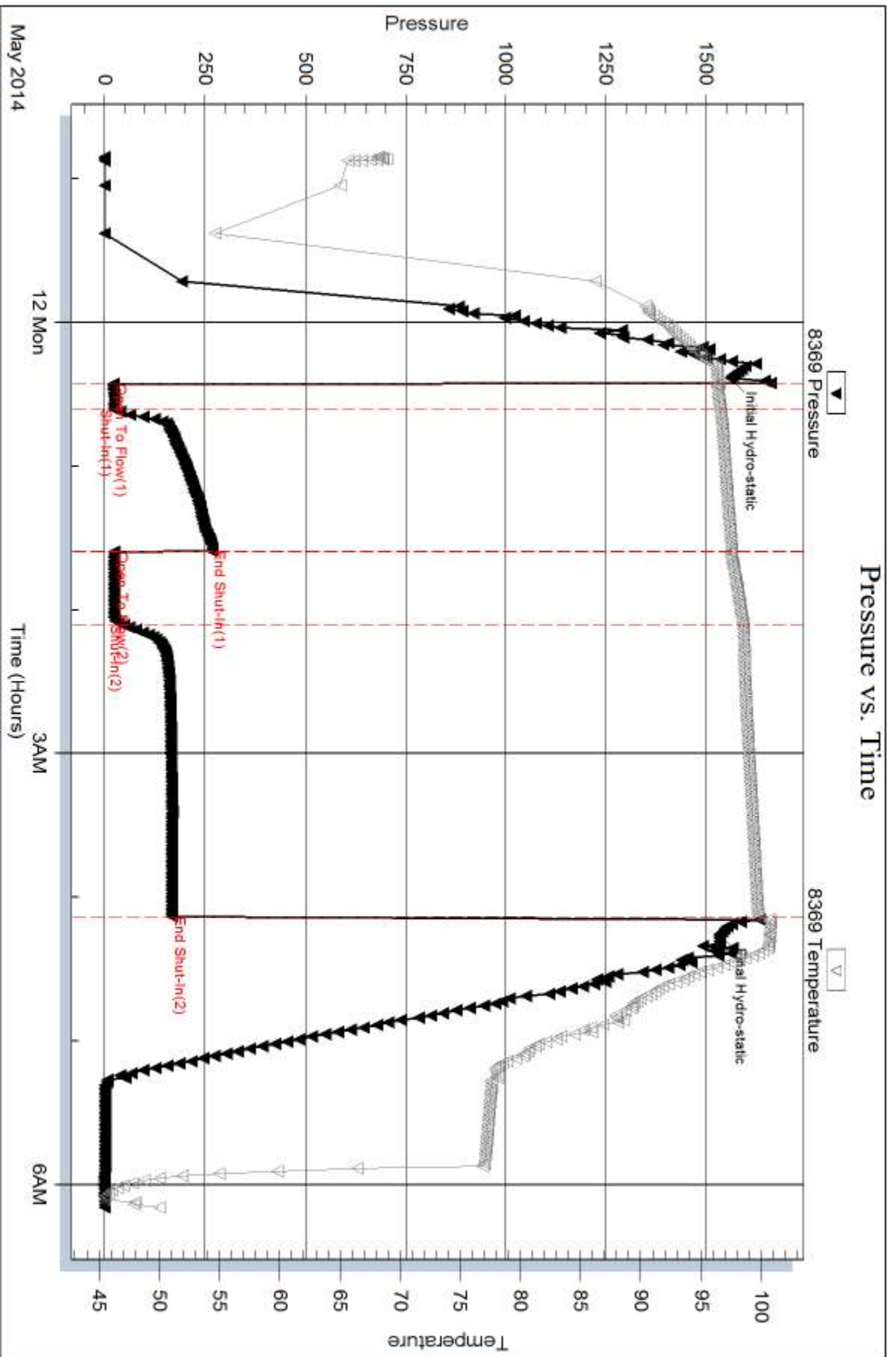
Length ft	Description	Volume bbl
15.00	SOCM 5% O95%M	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler Data: PSI 50# 75ML oil 1925ML Mud



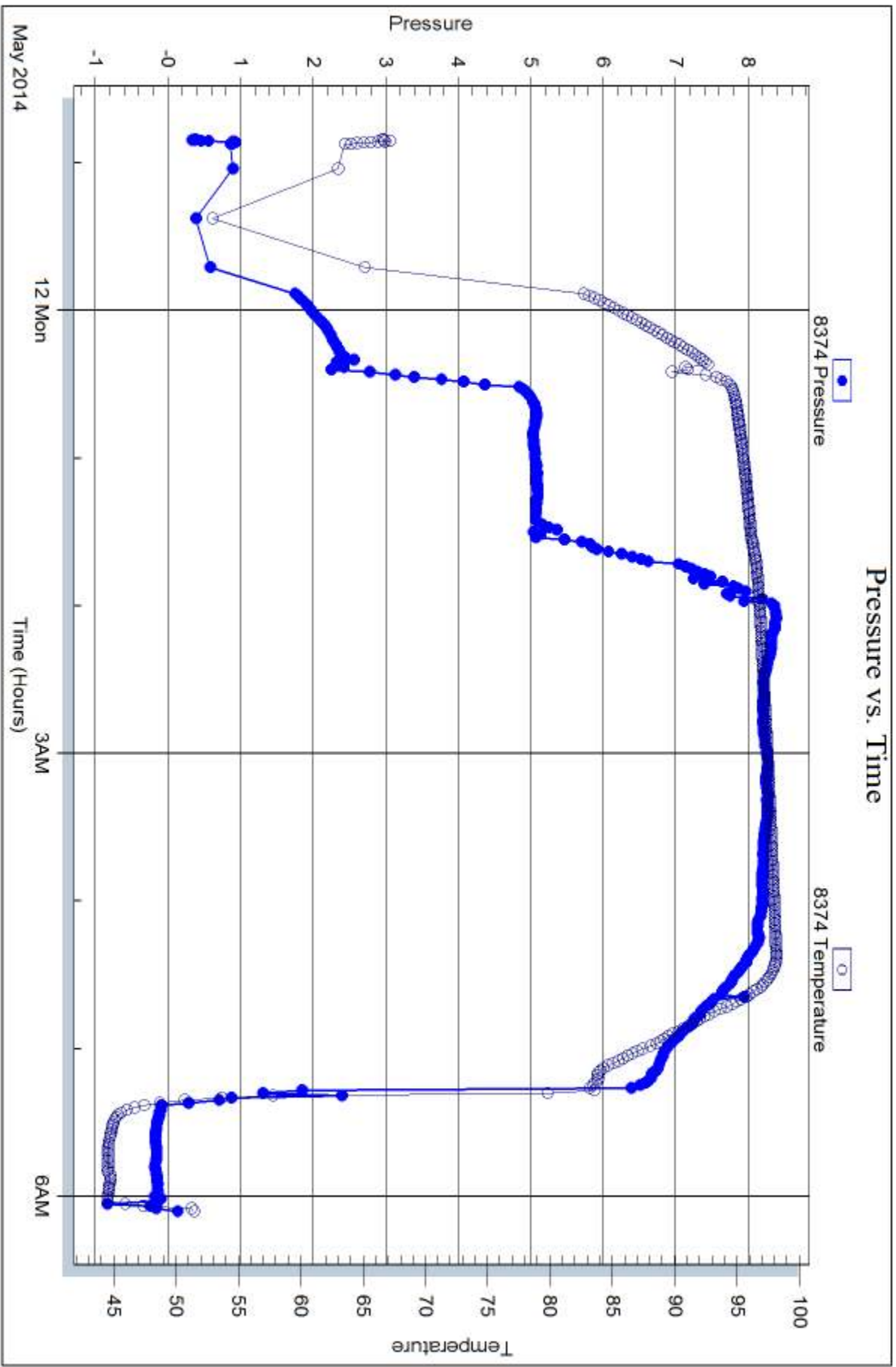
Serial #: 8374

Fluid

Samuel Gary Jr & Assoc Inc

Finesy et al #1-17

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 55343

Printed: 2014.05.12 @ 08:27:31