



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr & Assoc.Inc

24-12s-23w Trego

1515 Wynkoop
Ste. 700
Denver Co 80202
ATTN: Chris Mitchell

Glenn ETAL #1-24

Job Ticket: 54803 **DST#: 1**
Test Start: 2013.08.28 @ 02:40:58

GENERAL INFORMATION:

Formation: **LKC C-D**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 04:38:53
 Tester: Ray Schwager
 Time Test Ended: 10:43:37
 Unit No: 70
 Interval: **3702.00 ft (KB) To 3760.00 ft (KB) (TVD)**
 Reference Elevations: 2425.00 ft (KB)
 Total Depth: 3760.00 ft (KB) (TVD) 2417.00 ft (CF)
 Hole Diameter: 7.85 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

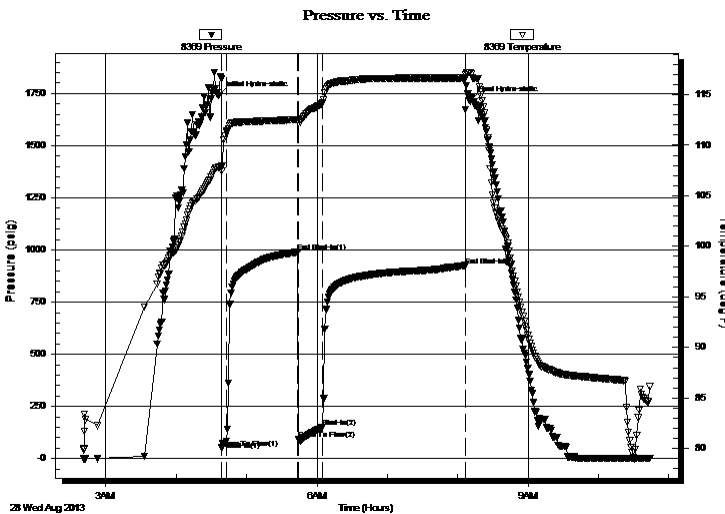
Serial #: 8369

Inside

Press @ Run Depth: 152.36 psig @ 3704.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.08.28 End Date: 2013.08.28 Last Calib.: 2013.08.28
 Start Time: 02:40:58 End Time: 10:43:37 Time On Btm: 2013.08.28 @ 04:36:23
 Time Off Btm: 2013.08.28 @ 08:10:22

TEST COMMENT: 5-IFP-w k to a gd bl 1/2" to 9" bl
 60-ISIP-no bl
 20-FFP-strg bl in 3min
 120-FSIP-1/4" bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1739.38	107.82	Initial Hydro-static
3	51.59	107.49	Open To Flow (1)
7	84.11	111.45	Shut-In(1)
68	990.11	112.56	End Shut-In(1)
68	93.32	112.25	Open To Flow (2)
89	152.36	114.18	Shut-In(2)
210	925.86	116.65	End Shut-In(2)
214	1717.19	117.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	465'GIP	0.00
190.00	GMO 10%G5%M15%W70%O	2.39
124.00	GMO 20%G5%M15%W60%O	1.74
30.00	OCM 5%O95%M	0.42

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: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

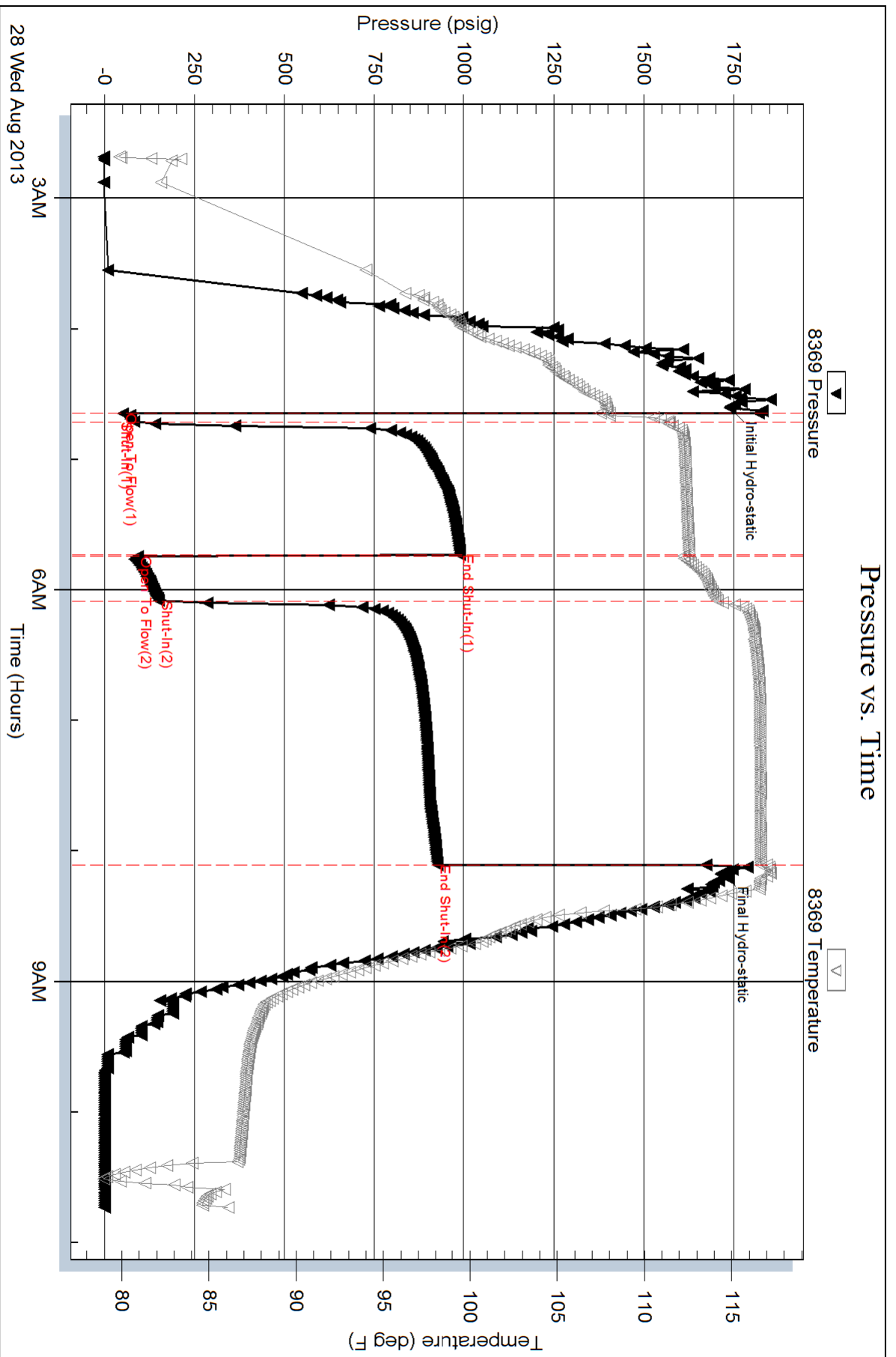
Length ft	Description	Volume bbl
0.00	465'GIP	0.000
190.00	GMO 10%G5%M15%W70%O	2.392
124.00	GMO 20%G5%M15%W60%O	1.739
30.00	OCM 5%O95%M	0.421

Total Length: 344.00 ft Total Volume: 4.552 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler Data: 400PSI 400MLgas 100MLmud
225ML Water 1125MLoil



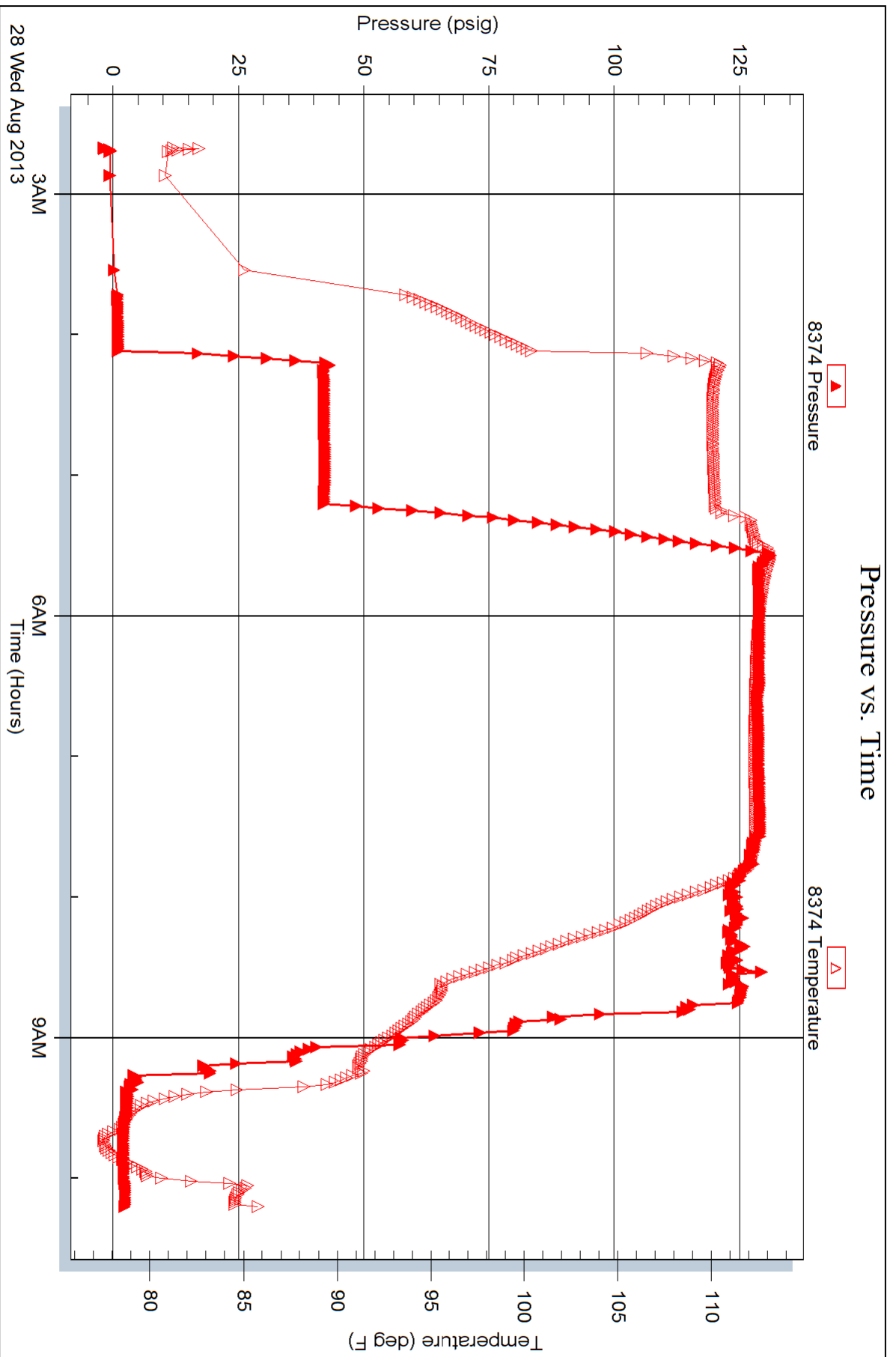
Serial #: 8374

Fluid

Samuel Gary Jr & Assoc. Inc

Glenn ETAL #1-24

DST Test Number: 1



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Ref. No: 54803

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