



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

22-11s-25w, Trego KS

1515 Wynkoop Dr. STE 800
Denver CO, 80202

Walt LivingTrust1-22

ATTN: Chris Mitchell

Job Ticket: 54034

DST#: 3

Test Start: 2014.04.27 @ 05:45:00

GENERAL INFORMATION:

Formation: **LKC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:35:45
 Time Test Ended: 15:19:30
 Interval: **3950.00 ft (KB) To 3990.00 ft (KB) (TVD)**
 Total Depth: 3990.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Cody Bloedorn
 Unit No: 73
 Reference Elevations: 2512.00 ft (KB)
 2504.00 ft (CF)
 KB to GR/CF: 8.00 ft

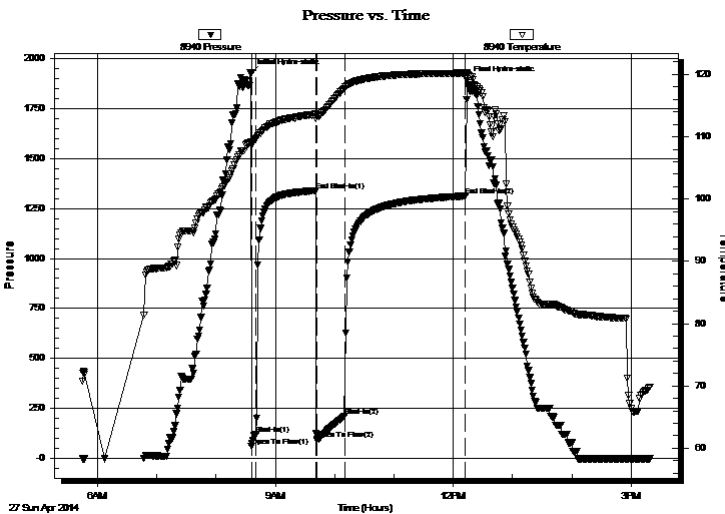
Serial #: 8940

Outside

Press@RunDepth: 212.46 psig @ 3955.00 ft (KB)
 Start Date: 2014.04.27 End Date: 2014.04.27
 Start Time: 05:45:05 End Time: 15:19:30
 Capacity: 8000.00 psig
 Last Calib.: 2014.04.27
 Time On Btm: 2014.04.27 @ 08:35:30
 Time Off Btm: 2014.04.27 @ 12:14:00

TEST COMMENT: 05 - IF- B.O.B. in 3 minutes
 60 - IS- No return
 30 - FF- B.O.B. in 3 minutes
 120 - FS- B.O.B. in 68 minutes

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.99	109.23	Initial Hydro-static
1	59.43	108.65	Open To Flow (1)
5	118.54	109.70	Shut-In(1)
65	1338.72	113.53	End Shut-In(1)
67	94.53	113.23	Open To Flow (2)
95	212.46	117.80	Shut-In(2)
217	1312.52	120.22	End Shut-In(2)
219	1890.42	120.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GHOCM, 10%G, 40%M, 50%O	0.60
496.00	GO, 20%G, 80%O	6.96
0.00	806' of G.I.P.	0.00

* Recovery from multiple tests

Gas Rates

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



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Total Depth: 3990.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 73

Reference Elevations: 2512.00 ft (KB)

2504.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8958

Fluid

Press@RunDepth: psig @ 3915.00 ft (KB)

Start Date: 2014.04.27 End Date: 2014.04.27

Start Time: 05:45:05 End Time: 15:19:15

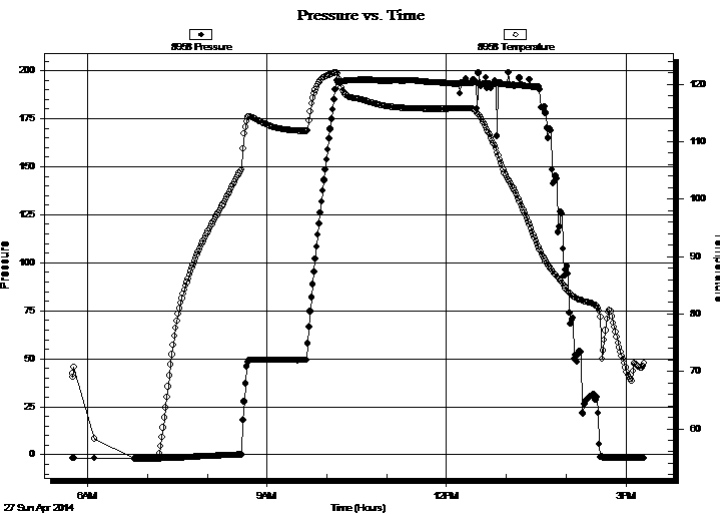
Capacity: 8000.00 psig

Last Calib.: 2014.04.27

Time On Btm:

Time Off Btm:

TEST COMMENT: 05 - IF- B.O.B. in 3 minutes
60 - IS- No return
30 - FF- B.O.B. in 3 minutes
120 - FS- B.O.B. in 68 minutes



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GHOCM, 10%G, 40%M, 50%O	0.60
496.00	GO, 20%G, 80%O	6.96
0.00	806' of G.I.P.	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Walt LivingTrust1-22

Job Ticket: 54034

DST#: 3

ATTN: Chris Mitchell

Test Start: 2014.04.27 @ 05:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	GHOCM, 10%G, 40%M, 50%O	0.596
496.00	GO, 20%G, 80%O	6.958
0.00	806' of G.I.P.	0.000

Total Length: 558.00 ft Total Volume: 7.554 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

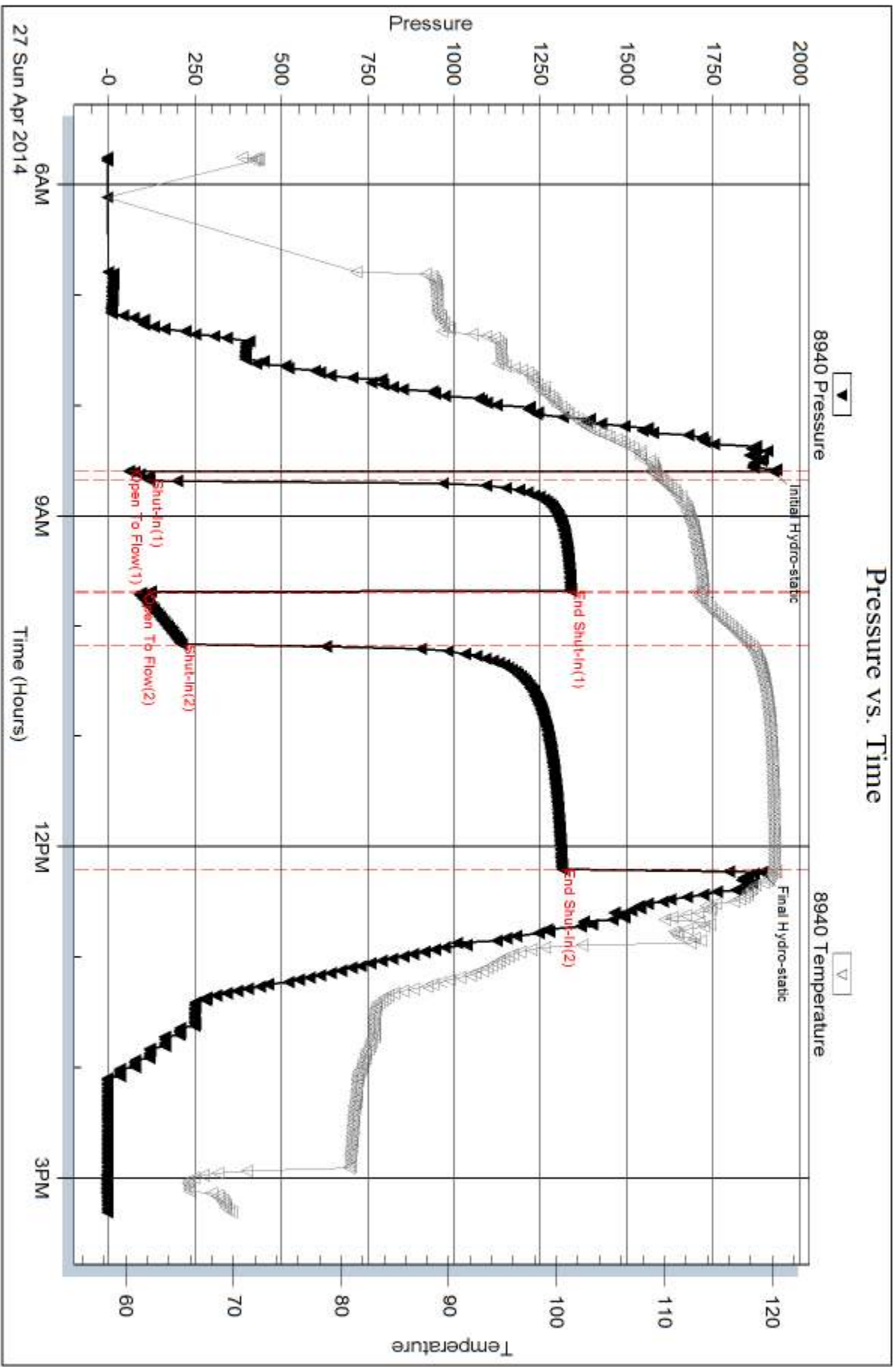
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 2,000ML Oil, 310 PSI

Gravity: 36 @60 Degrees = 36



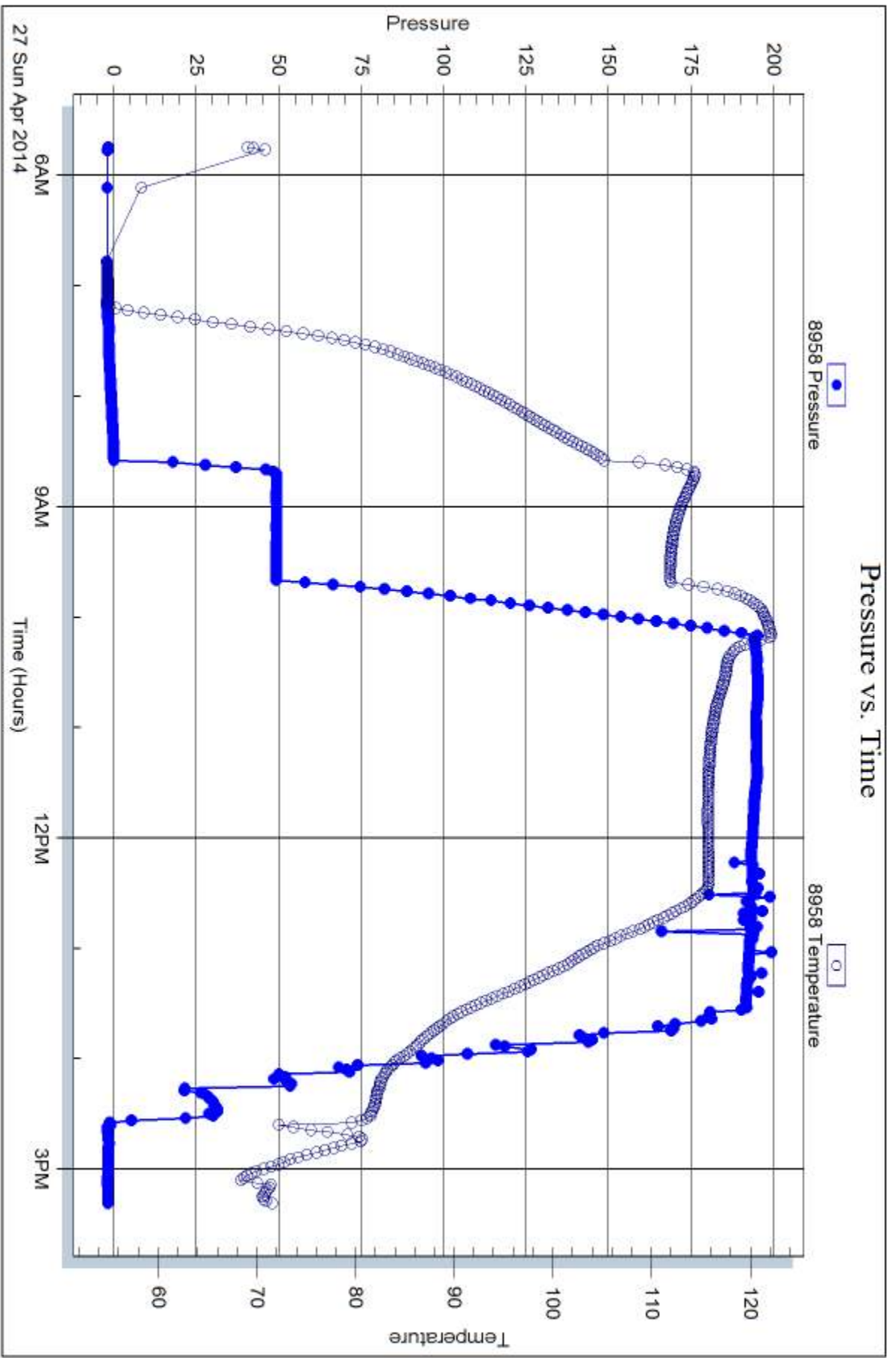
Serial #: 8958

Fluid

Samuel Gary J. & Associates

Well LivingTrust1-22

DST Test Number: 3



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Ref. No: 54034

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