



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Assoc. Inc.

6-2s-36w Rawlins, KS

1515 Wynkoop STE 700
Denver, CO, 80202

Krueger Trust #3-6

Job Ticket: 62206

DST#: 1

ATTN: Christopher Mitchell

Test Start: 2015.04.26 @ 23:05:00

GENERAL INFORMATION:

Formation: **LKC "D"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 02:21:00
 Tester: Donovan Baumann
 Time Test Ended: 08:45:30
 Unit No: 82
 Interval: **4336.00 ft (KB) To 4349.00 ft (KB) (TVD)**
 Reference Elevations: 3314.00 ft (KB)
 Total Depth: 4349.00 ft (KB) (TVD)
 3309.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 5.00 ft

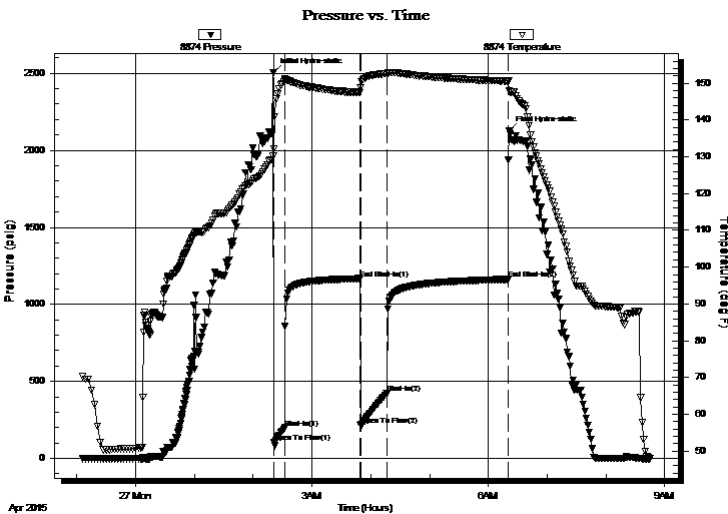
Serial #: 8874

Inside

Press@RunDepth: 422.57 psig @ 4337.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.04.26 End Date: 2015.04.27 Last Calib.: 2015.04.27
 Start Time: 23:06:00 End Time: 08:45:30 Time On Btm: 2015.04.27 @ 02:20:30
 Time Off Btm: 2015.04.27 @ 06:21:30

TEST COMMENT: 10 - IF - Strong surface blow built to 5 in. in 10 min.
 75 - ISI - No return
 30 - FF - Strong surface blow built to BOB in 10 min.
 120 - FSI - No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2506.34	130.24	Initial Hydro-static
1	102.63	132.03	Open To Flow (1)
12	198.13	150.70	Shut-In(1)
89	1163.10	147.52	End Shut-In(1)
89	213.69	148.85	Open To Flow (2)
116	422.57	152.60	Shut-In(2)
240	1162.07	150.53	End Shut-In(2)
241	2128.60	147.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
500.00	MCW - 5M - 95W	5.32
388.00	WCM - 30W - 70M	5.44

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:

30000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
500.00	MCW - 5M - 95W	5.323
388.00	WCM - 30W - 70M	5.443

Total Length: 888.00 ft Total Volume: 10.766 bbl

Num Fluid Samples: 0

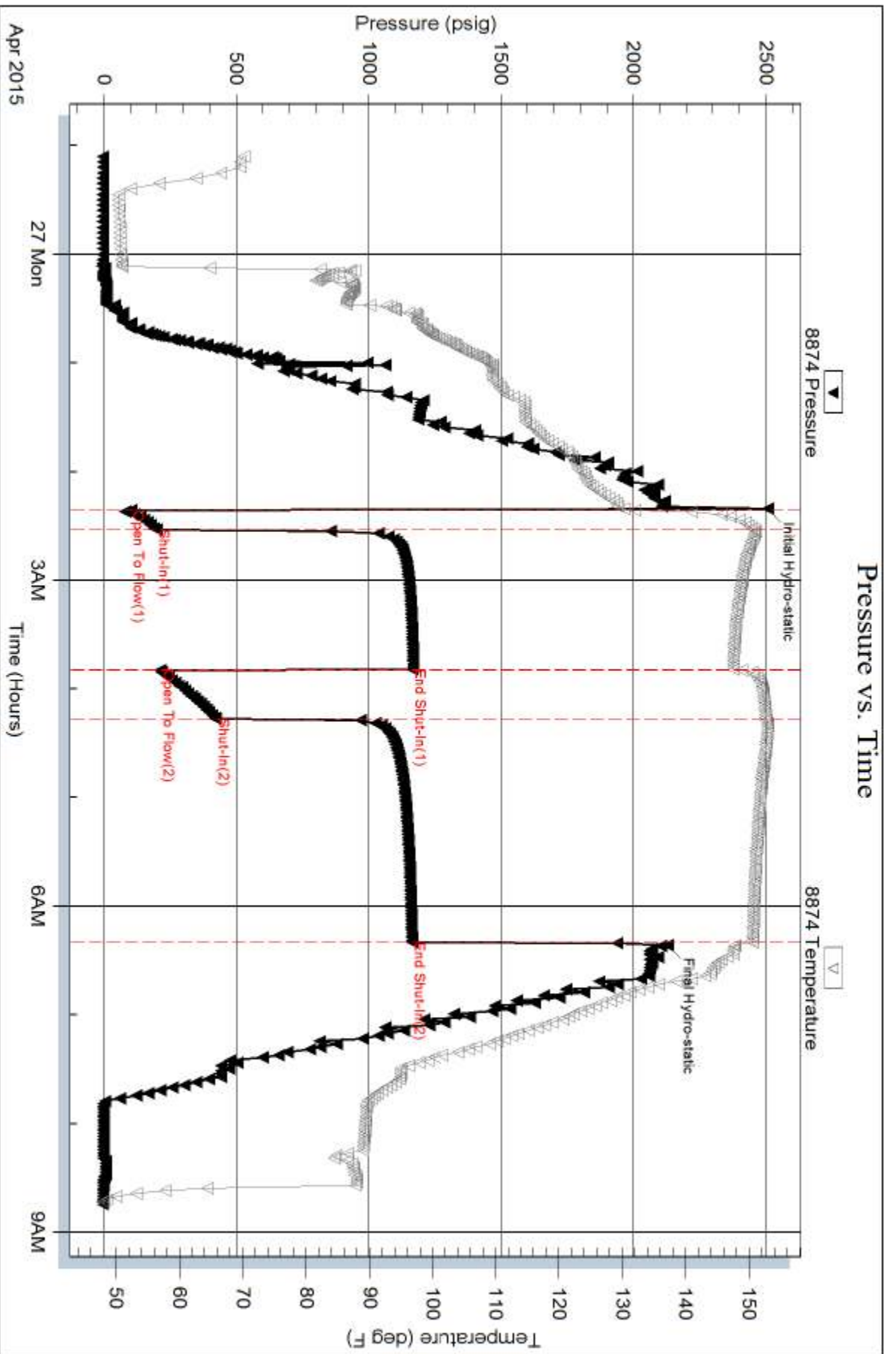
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API RW - .33 @ 50 DEG.



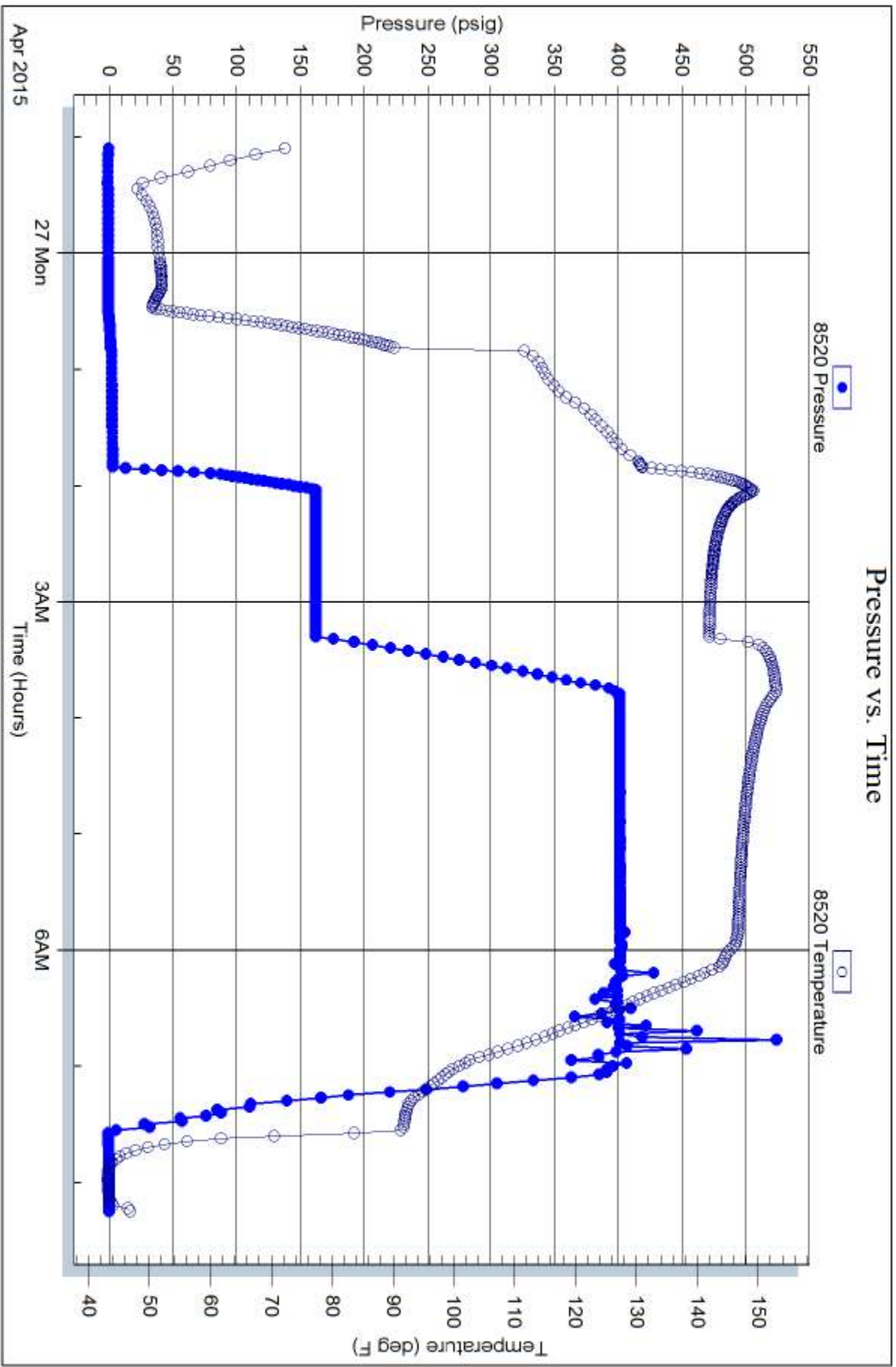
Serial #: 8520

Fluid

Samuel Gary Jr. & Assoc. Inc.

Krueger Trust #3-6

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 62206

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