



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman Loeb, Inc
 PO Box 838
 Lawrenceville, IL 62439
 ATTN: George Payne, Jon Ch

34-16s-11w Barton
Kroutwurst #21
 Job Ticket: 64921 **DST#: 1**
 Test Start: 2016.03.11 @ 15:35:22

GENERAL INFORMATION:

Formation: **LKC "I"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 17:24:02 Tester: Ray Schwager
 Time Test Ended: 21:24:16 Unit No: 70
 Interval: **3272.00 ft (KB) To 3296.00 ft (KB) (TVD)** Reference Elevations: 1952.00 ft (KB)
 Total Depth: 3296.00 ft (KB) (TVD) 1941.00 ft (CF)
 Hole Diameter: 7.85 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

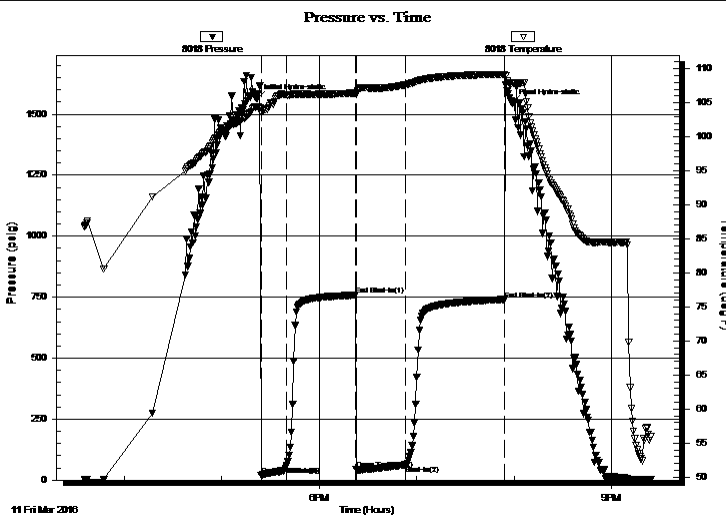
Serial #: 8018

Inside

Press @ Run Depth: 62.66 psig @ 3273.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.03.11 End Date: 2016.03.11 Last Calib.: 2016.03.11
 Start Time: 15:35:22 End Time: 21:24:16 Time On Btm: 2016.03.11 @ 17:21:32
 Time Off Btm: 2016.03.11 @ 19:58:46

TEST COMMENT: 15-IFP-w k bl thru-out 1/4" to 1 3/4" bl
 45-ISIP-no bl bk
 30-FFP-surace to a 3 1/4" bl
 60-FSIP-no bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1562.80	104.39	Initial Hydro-static
3	20.25	103.54	Open To Flow (1)
18	56.86	106.19	Shut-In(1)
61	758.27	106.43	End Shut-In(1)
61	44.33	106.19	Open To Flow (2)
92	62.66	107.64	Shut-In(2)
153	740.65	109.17	End Shut-In(2)
158	1545.43	107.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	90' GIP	0.00
30.00	SOCM 5%O95%M	0.15
60.00	SOCMW 5%O40%M55%W	0.30

Gas Rates

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

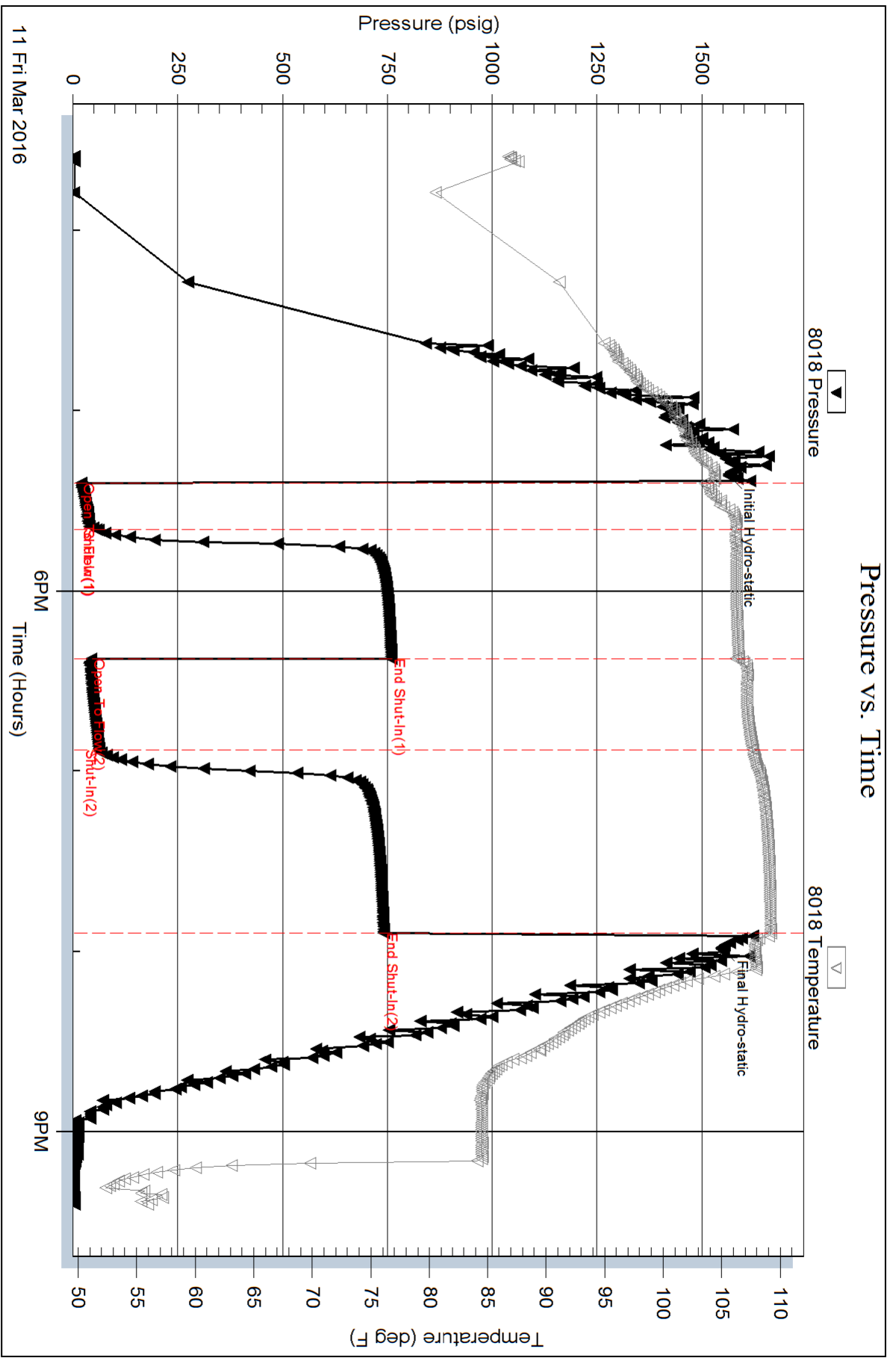
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Inside

Herrman Loeb, Inc

Kroutwurst#21

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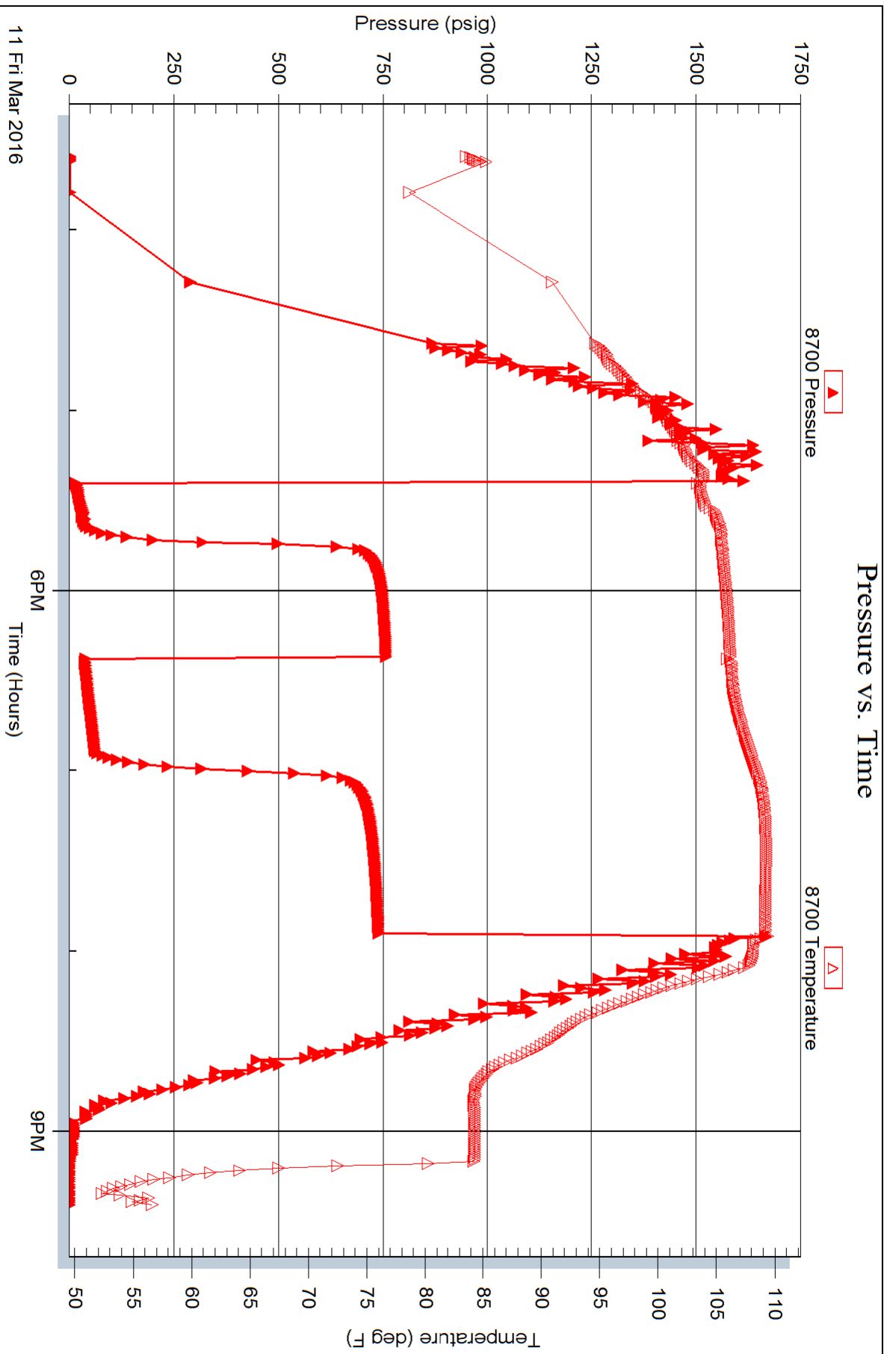
Printed: 2016.03.11 @ 22:13:15

Serial #: 8700

Outside Herrman Loeb, Inc

Kroutwurst#21

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Printed: 2016.03.11 @ 22:13:15