



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Eternity Exploration LLC

13-9s-32w Thomas, Ks

338 Spyglass Dr.
Coppell, Tx 75019

#1 Landenburger

ATTN: Kim Shoemaker

Job Ticket: 65644

DST#: 1

Test Start: 2016.12.07 @ 03:06:40

GENERAL INFORMATION:

Formation: **LKC H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:06:40

Time Test Ended: 10:42:40

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 4185.00 ft (KB) To 4269.00 ft (KB) (TVD)

Reference Elevations: 3032.00 ft (KB)

Total Depth: 4269.00 ft (KB) (TVD)

3027.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8166 Outside

Press@RunDepth: 81.56 psig @ 4186.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.12.07 End Date: 2016.12.07

Last Calib.: 2016.12.07

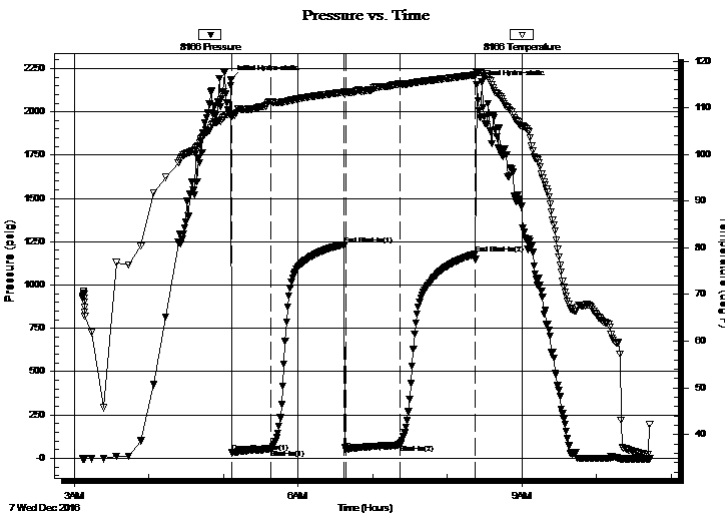
Start Time: 03:06:45 End Time: 10:42:39

Time On Btm: 2016.12.07 @ 05:06:10

Time Off Btm: 2016.12.07 @ 08:23:40

TEST COMMENT: IF: 1/4 blow built to 4 1/2 in 30 min.
IS: No return.
FF: Surface blow built to 4 in 45 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2186.71	108.57	Initial Hydro-static
1	31.61	108.22	Open To Flow (1)
32	53.55	111.25	Shut-In(1)
91	1233.65	113.35	End Shut-In(1)
92	47.00	113.27	Open To Flow (2)
136	81.56	115.10	Shut-In(2)
196	1177.86	117.04	End Shut-In(2)
198	2156.08	117.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocm 10%o 90%m	0.87
62.00	ocm 5%o 95%m	0.87

Gas Rates

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



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FLUID SUMMARY

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#1 Landenburger

Job Ticket: 65644

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2016.12.07 @ 03:06:40

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	ocm 10%o 90%m	0.870
62.00	ocm 5%o 95%m	0.870

Total Length: 124.00 ft

Total Volume: 1.740 bbl

Num Fluid Samples: 0

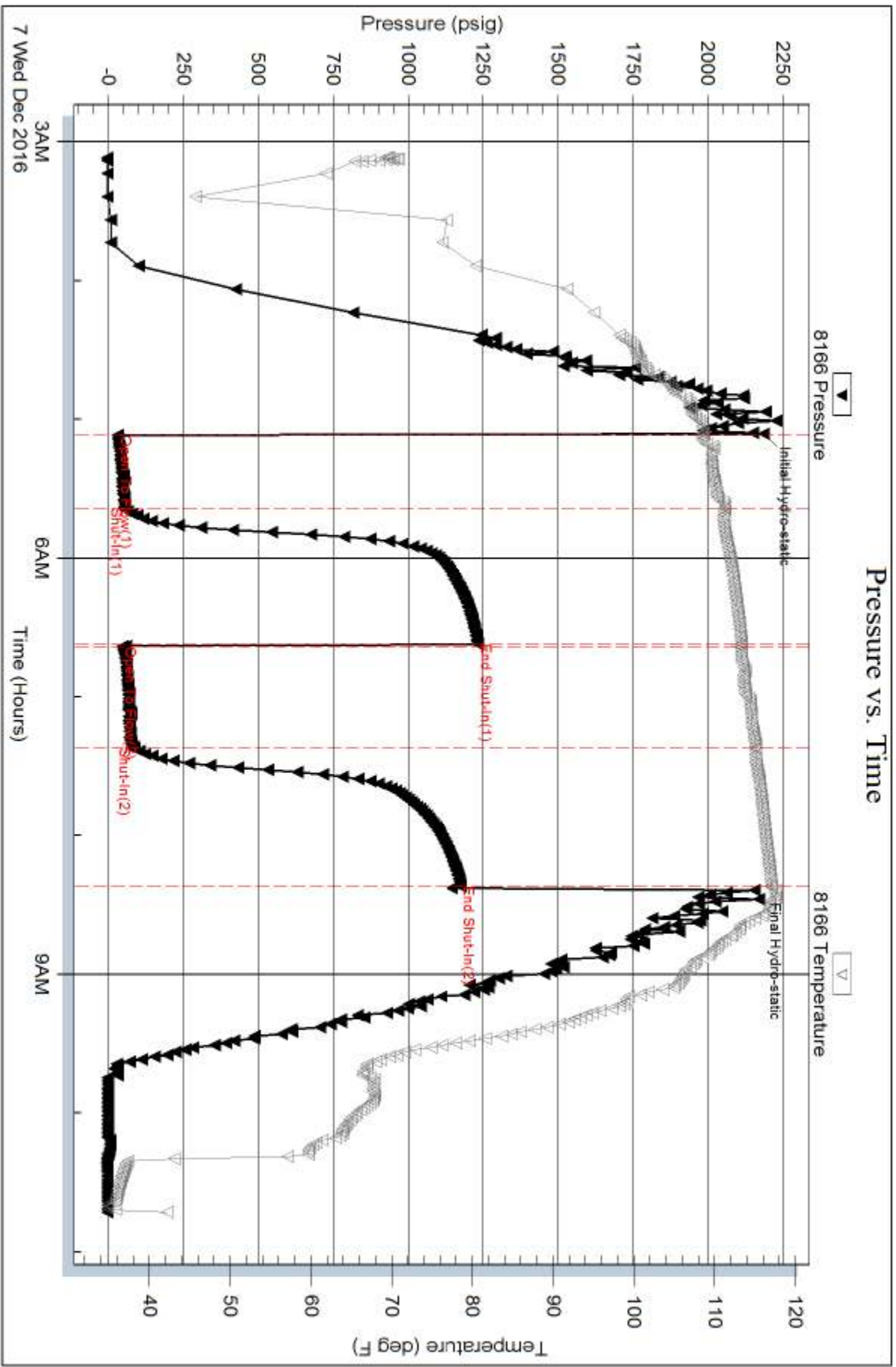
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



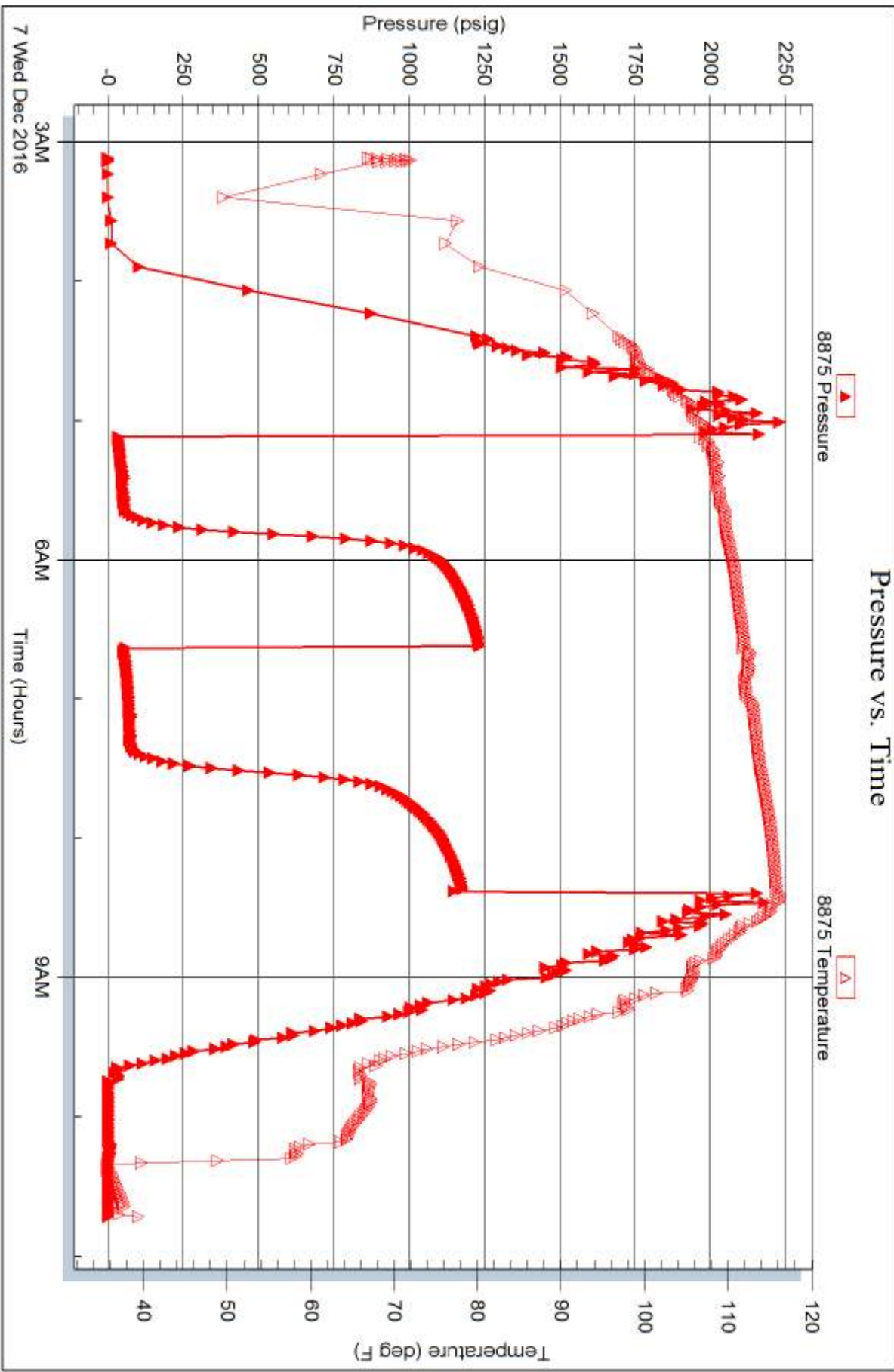
Serial #: 8875

Inside

Eternity Exploration LLC

#1 Landenburger

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 65644

Printed: 2016.12.07 @ 10:55:13