



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Russell oil, Inc
 PO Box 8050
 Edmond, Ok 73083
 ATTN: Kit Noah

21 11s 32w Logan Ks
Porter B #21-1
 Job Ticket: 61303 **DST#: 2**
 Test Start: 2017.01.11 @ 16:50:00

GENERAL INFORMATION:

Formation: **LKC H**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:22:00
 Time Test Ended: 22:06:15
 Interval: **4208.00 ft (KB) To 4234.00 ft (KB) (TVD)**
 Total Depth: 4234.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 3065.00 ft (KB)
 3060.00 ft (CF)
 KB to GR/CF: 5.00 ft

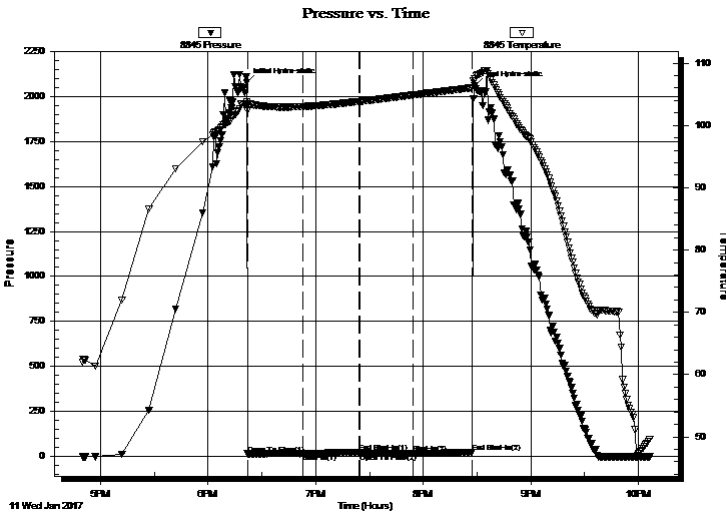
Serial #: 8845

Outside

Press@RunDepth: 15.48 psig @ 4209.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.01.11 End Date: 2017.01.11 Last Calib.: 2017.01.11
 Start Time: 16:50:05 End Time: 22:06:14 Time On Btm: 2017.01.11 @ 18:21:45
 Time Off Btm: 2017.01.11 @ 20:28:45

TEST COMMENT: IF: 1" blow , receded to 1/2"
 IS: No return.
 FF: No blow .
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2078.17	103.74	Initial Hydro-static
1	13.07	102.43	Open To Flow (1)
32	15.03	103.03	Shut-In(1)
63	23.42	103.83	End Shut-In(1)
63	14.82	103.84	Open To Flow (2)
93	15.48	104.86	Shut-In(2)
126	22.39	106.03	End Shut-In(2)
127	2059.84	107.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Mud 100m	0.02

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Edmond, Ok 73083

Porter B #21-1

Job Ticket: 61303

DST#: 2

ATTN: Kit Noah

Test Start: 2017.01.11 @ 16:50:00

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: 57.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
4.00	Mud 100m	0.020

Total Length: 4.00 ft Total Volume: 0.020 bbf

Num Fluid Samples: 0

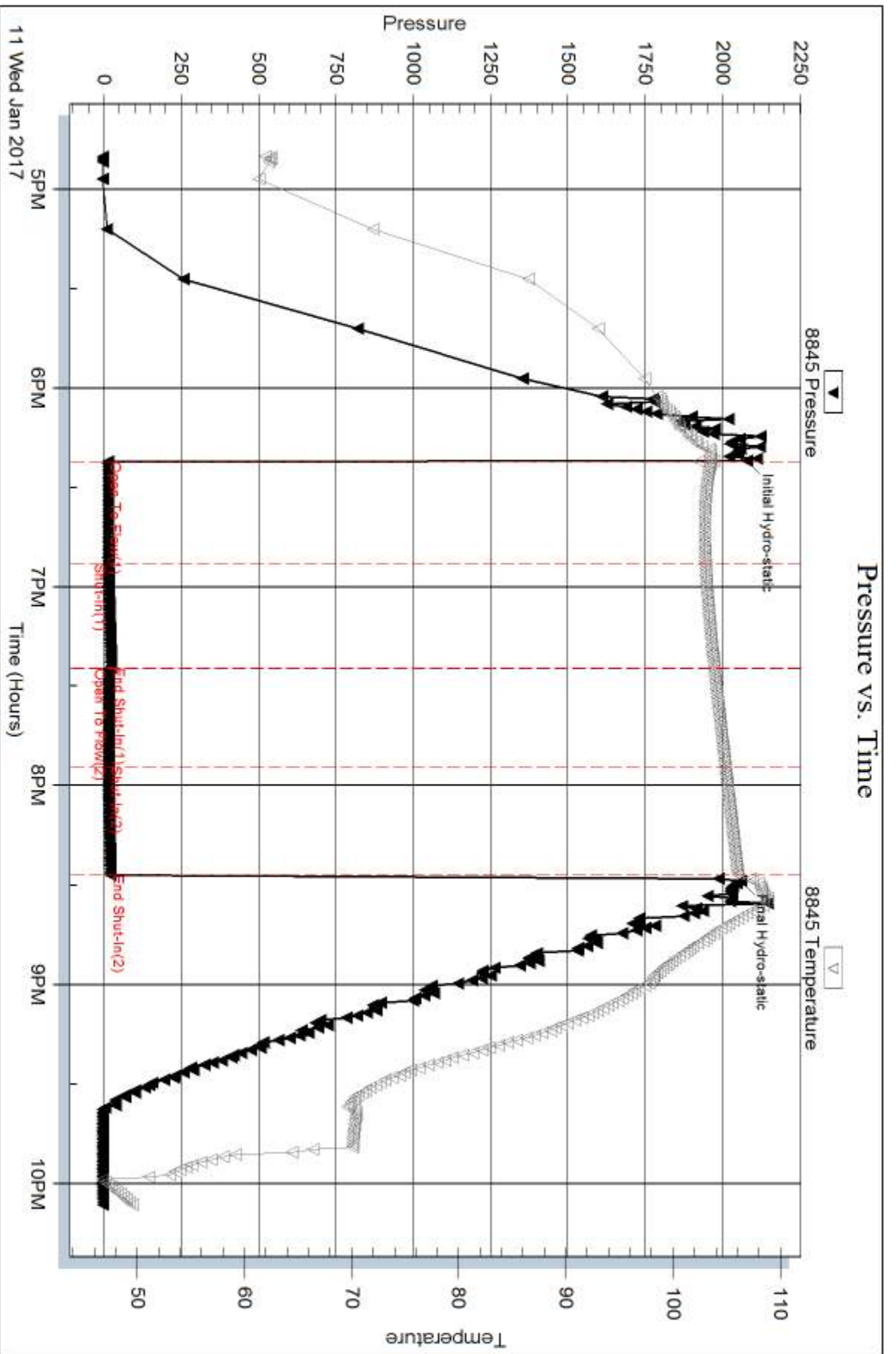
Num Gas Bombs: 0

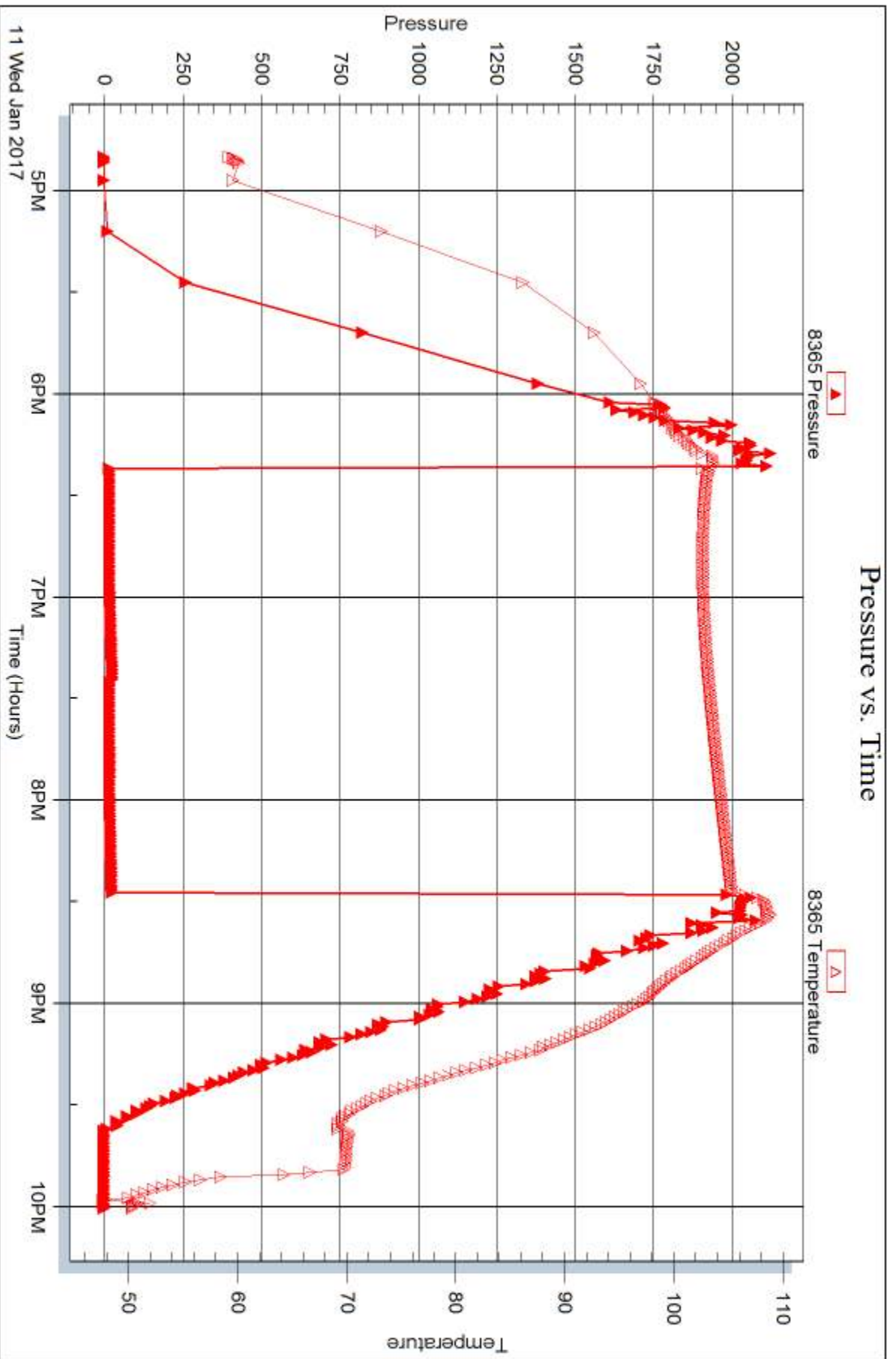
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





11 Wed Jan 2017