



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Red Oak Energy Inc.
 7701 E Kellogg Dr Ste 710
 Wichita KS 67207-1738
 ATTN: Sean Deenihan

32 6s 33w Thomas KS
Shull 1
 Job Ticket: 64006 **DST#: 1**
 Test Start: 2017.04.08 @ 19:00:00

GENERAL INFORMATION:

Formation: **LKC " D "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:24:30
 Time Test Ended: 01:50:00
 Interval: **4031.00 ft (KB) To 4098.00 ft (KB) (TVD)**
 Total Depth: 4098.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 3079.00 ft (KB)
 3074.00 ft (CF)
 KB to GR/CF: 5.00 ft

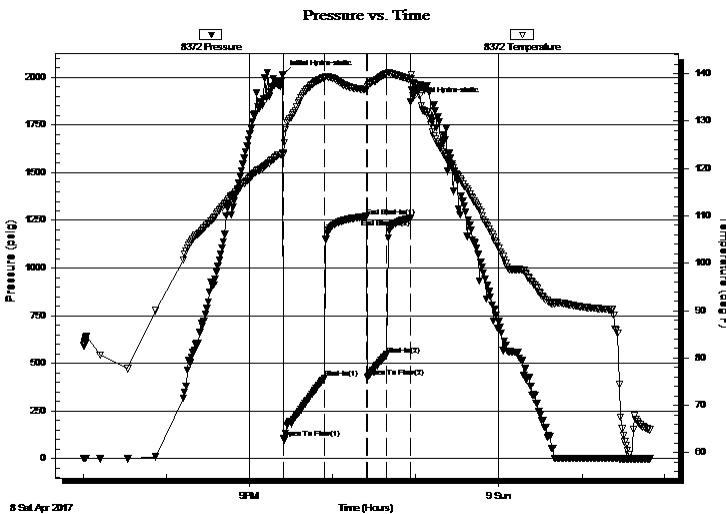
Serial #: 8372

Outside

Press@RunDepth: 545.11 psig @ 4032.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.04.08 End Date: 2017.04.09 Last Calib.: 2017.04.09
 Start Time: 19:00:01 End Time: 01:49:30 Time On Btm: 2017.04.08 @ 21:24:00
 Time Off Btm: 2017.04.08 @ 22:56:30

TEST COMMENT: 30-IFP- BOB in 3 1/2min.
 30-ISIP- No Blow
 15-FFP- BOB in 4 1/2min.
 15-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2016.56	123.37	Initial Hydro-static
1	104.21	123.00	Open To Flow (1)
30	421.03	139.22	Shut-In(1)
61	1269.71	136.59	End Shut-In(1)
61	425.72	137.20	Open To Flow (2)
75	545.11	140.01	Shut-In(2)
92	1259.57	138.81	End Shut-In(2)
93	1871.93	139.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
697.00	MCW 5%w 95%w	8.07
252.00	MCW 35%w 65%w	3.53
126.00	WCM 45%w 55%w	1.77

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc.

32 6s 33w Thomas KS

7701 E Kellogg Dr Ste 710
Wichita KS 67207-1738

Shull 1

Job Ticket: 64006

DST#: 1

ATTN: Sean Deenihan

Test Start: 2017.04.08 @ 19:00:00

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:

53000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
697.00	MCW 5%m 95%w	8.074
252.00	MCW 35%m 65%w	3.535
126.00	WCM 45%w 55%m	1.767

Total Length: 1075.00 ft Total Volume: 13.376 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

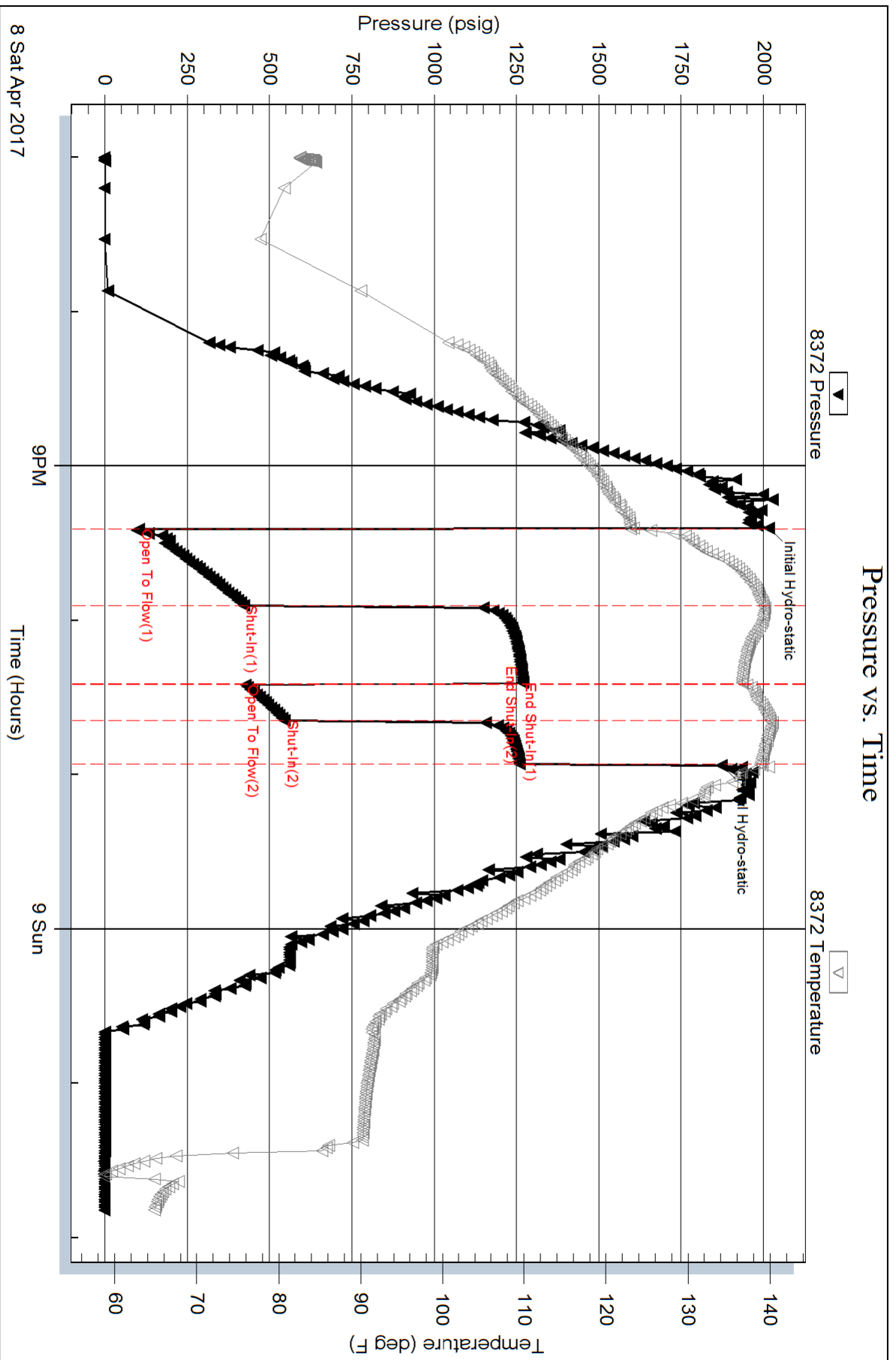
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .115 @ 68

Pressure vs. Time



Serial #: 8789

Inside

Red Oak Energy Inc.

Shull 1

DST Test Number: 1

