



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

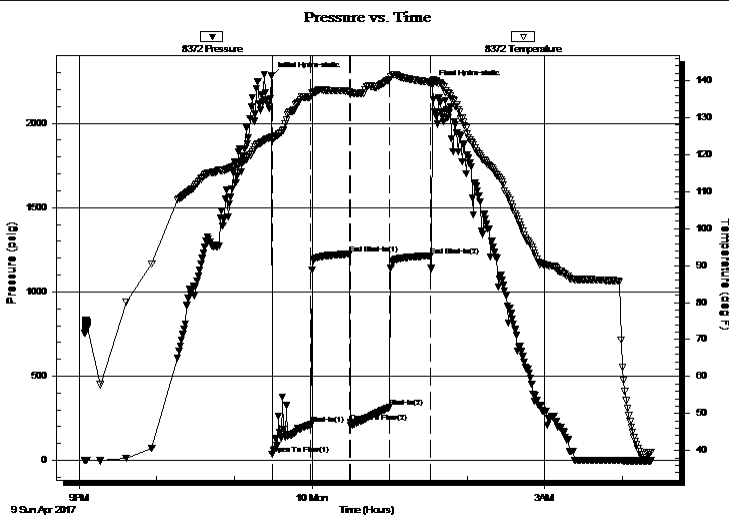
32 6s 33w Thomas KS
Shull 1
 Job Ticket: 64007 **DST#: 2**
 Test Start: 2017.04.09 @ 21:04:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 23:29:00 Tester: Jim Svaty
 Time Test Ended: 04:23:00 Unit No: 76
 Interval: **4244.00 ft (KB) To 4376.00 ft (KB) (TVD)** Reference Elevations: 3079.00 ft (KB)
 Total Depth: 4376.00 ft (KB) (TVD) 3074.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8372 **Outside**
 Press@RunDepth: 314.24 psig @ 4248.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.04.09 End Date: 2017.04.10 Last Calib.: 2017.04.10
 Start Time: 21:04:01 End Time: 04:22:30 Time On Btm: 2017.04.09 @ 23:28:30
 Time Off Btm: 2017.04.10 @ 01:33:00

TEST COMMENT: 30-IFP- BOB in 13min.
 30-ISIP- No Blow
 30-FFP- BOB in 15 1/2min.
 30-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2279.73	124.79	Initial Hydro-static
1	37.18	124.04	Open To Flow (1)
31	212.41	135.76	Shut-In(1)
61	1224.70	136.94	End Shut-In(1)
61	223.91	136.30	Open To Flow (2)
92	314.24	140.35	Shut-In(2)
123	1214.57	139.61	End Shut-In(2)
125	2226.97	140.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
187.00	MCW 15% m 85% w	0.92
315.00	MCW 40% m 60% w	4.42
113.00	Mud 100%	1.59

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Shull 1

Job Ticket: 64007

DST#: 2

ATTN: Sean Deenihan

Test Start: 2017.04.09 @ 21:04:00

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:

67500 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
187.00	MCW 15%m 85%w	0.920
315.00	MCW 40%m 60%w	4.419
113.00	Mud 100%	1.585

Total Length: 615.00 ft Total Volume: 6.924 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

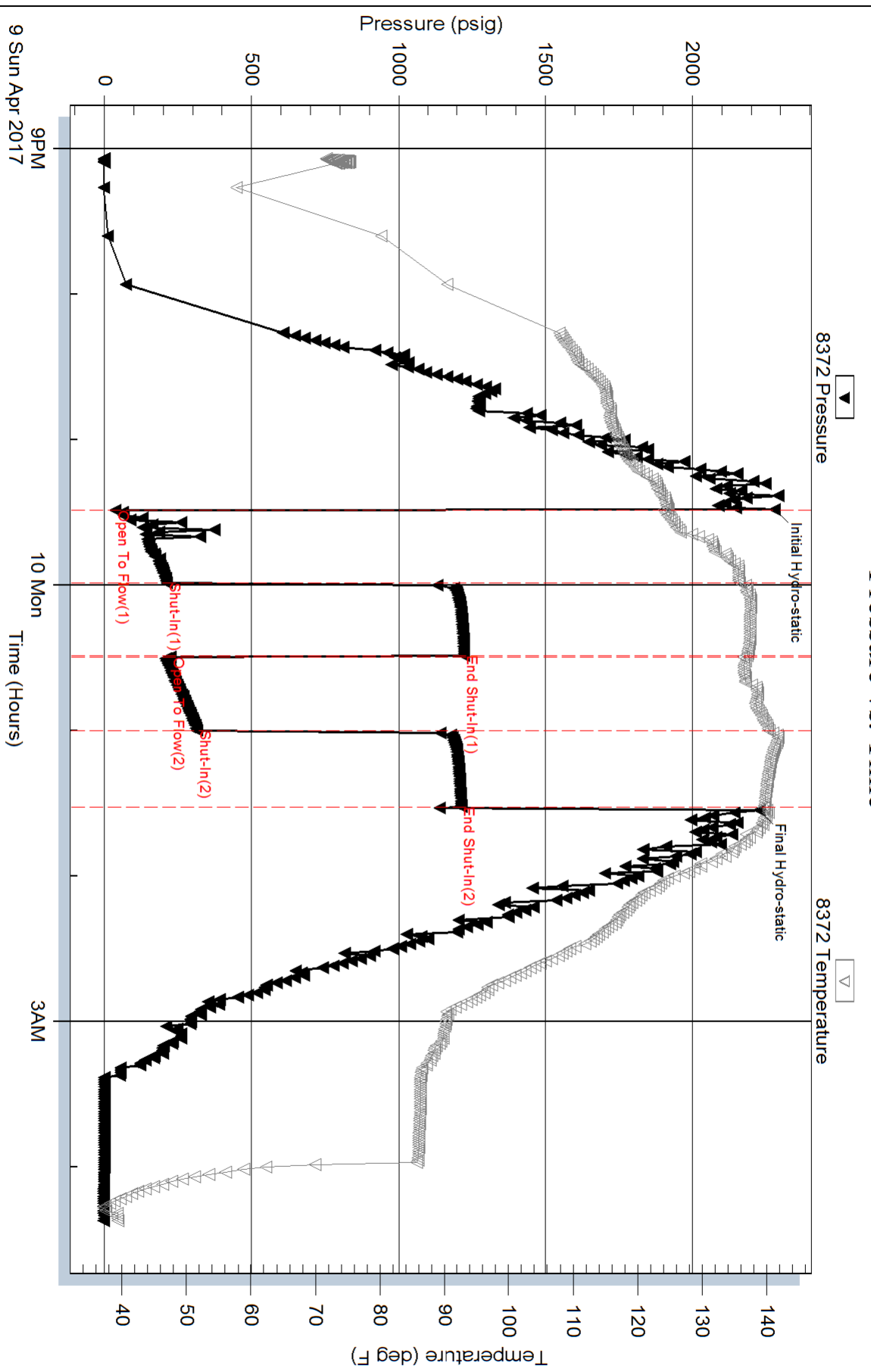
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .220 @ 37

Pressure vs. Time



Serial #: 8789

Inside

Red Oak Energy Inc.

Shull 1

DST Test Number: 2

