



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil Inc
 P.O. Box 8050
 Edmond, Ok 73083
 ATTN: Kitt Noah

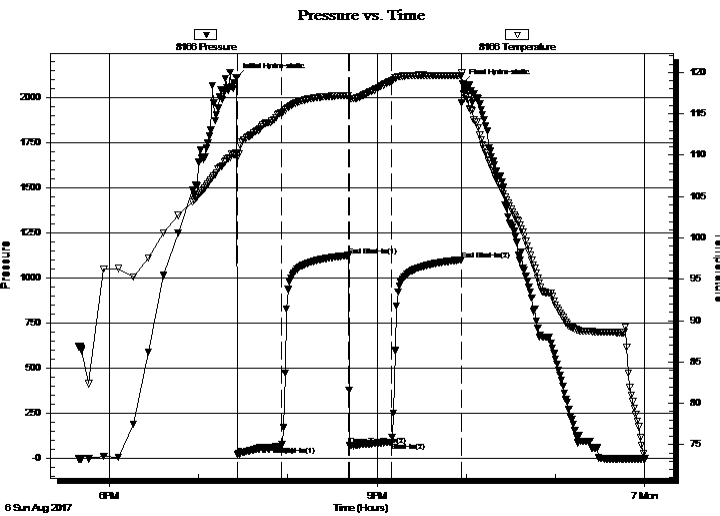
29-11s-32w Logan, Ks
Bowie 29-1
 Job Ticket: 63869 **DST#: 5**
 Test Start: 2017.08.06 @ 17:39:11

GENERAL INFORMATION:

Formation: **LKC J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:26:11
 Time Test Ended: 00:00:41
 Interval: **4267.00 ft (KB) To 4300.00 ft (KB) (TVD)**
 Total Depth: 4300.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 3078.00 ft (KB)
 3073.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8166 Outside
 Press@RunDepth: 91.34 psig @ 4268.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.08.06 End Date: 2017.08.07 Last Calib.: 2017.08.07
 Start Time: 17:39:16 End Time: 00:00:40 Time On Btm: 2017.08.06 @ 19:25:41
 Time Off Btm: 2017.08.06 @ 21:57:41

TEST COMMENT: IF: BOB in 17 min.
 IS: Surface blow built to 1/4 died in 20 min.
 FF: BOB in 11 min.
 FS: Surface blow built to 1/4 died in 15 min.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2111.90 | 110.32 | Initial Hydro-static |
| 1 | 19.92 | 109.66 | Open To Flow (1) |
| 30 | 68.30 | 115.16 | Shut-In(1) |
| 75 | 1125.06 | 117.23 | End Shut-In(1) |
| 76 | 73.26 | 116.85 | Open To Flow (2) |
| 104 | 91.34 | 118.95 | Shut-In(2) |
| 151 | 1101.26 | 119.61 | End Shut-In(2) |
| 152 | 2076.36 | 118.57 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 124.00 | gocm 40%g 20%o 40%m | 0.65 |
| 87.00 | go 10%g 90%o | 1.22 |
| 0.00 | 471 GIP | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

Russell Oil Inc

29-11s-32w Logan, Ks

P.O. Box 8050
Edmond, Ok 73083

Bowie 29-1

Job Ticket: 63869

DST#: 5

ATTN: Kitt Noah

Test Start: 2017.08.06 @ 17:39:11

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 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 |
|--------------|---------------------|---------------|
| 124.00 | gocm 40%g 20%o 40%m | 0.646 |
| 87.00 | go 10%g 90%o | 1.220 |
| 0.00 | 471 GIP | 0.000 |

Total Length: 211.00 ft Total Volume: 1.866 bbl

Num Fluid Samples: 0

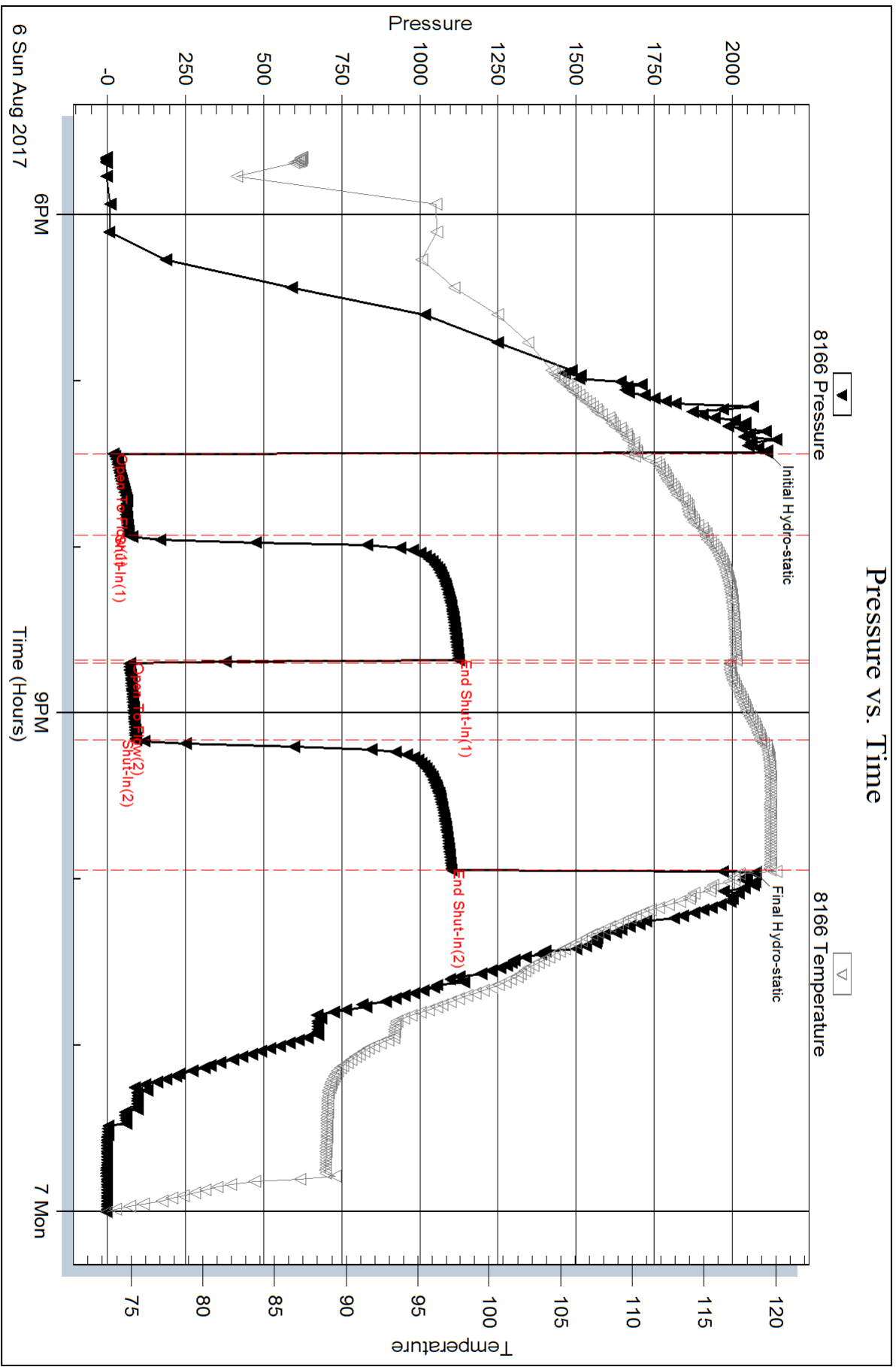
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 35@60=35



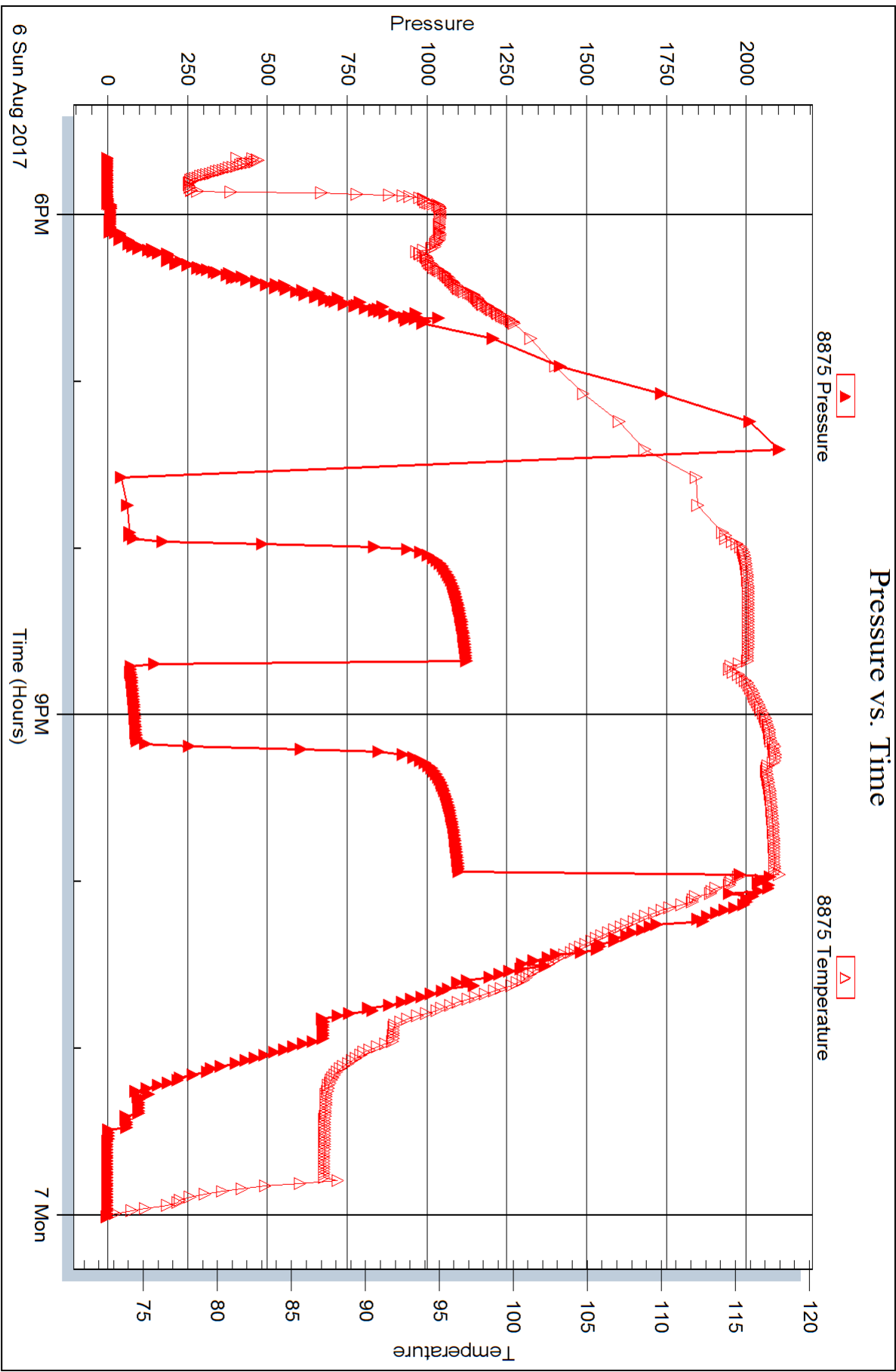
Serial #: 8875

Inside

Russell Oil Inc

Bowie 29-1

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 63869

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