



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Company
202 West Main Street
Salem IL
62881
ATTN: Tim Priest

24-16-34 Scott Co KS

Koehn 1 24

Job Ticket: 64588

DST#: 2

Test Start: 2016.07.21 @ 18:34:15

GENERAL INFORMATION:

Formation: **Marmaton A-B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened:
 Time Test Ended: 22:59:30
 Interval: **4449.00 ft (KB) To 4500.00 ft (KB) (TVD)**
 Total Depth: 4500.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3109.00 ft (KB)
 3101.00 ft (CF)
 KB to GR/CF: 8.00 ft

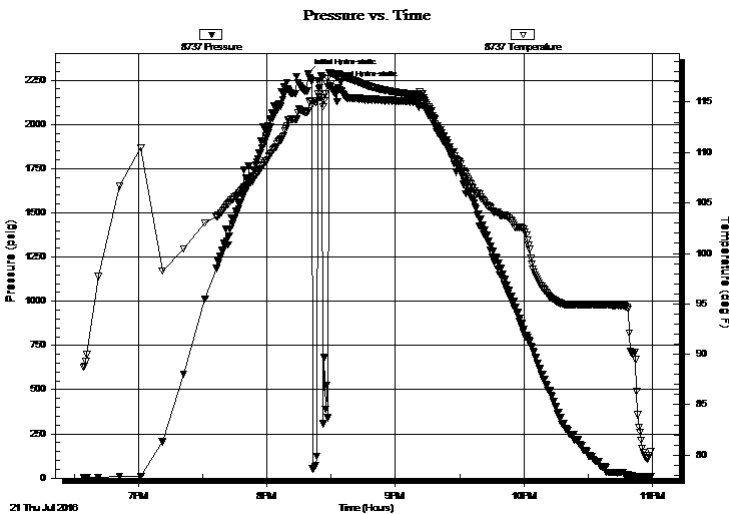
Serial #: 8737 Outside

Press@RunDepth: psig @ 4461.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.07.21 End Date: 2016.07.21 Last Calib.: 2016.07.21
 Start Time: 18:34:15 End Time: 22:59:30 Time On Btm: 2016.07.21 @ 20:19:15
 Time Off Btm: 2016.07.21 @ 20:29:15

TEST COMMENT: IF:PACKER FAILURE
 IS:
 FF:
 FS:

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2289.03	114.10	Initial Hydro-static
10	2220.02	117.88	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
434.00	mud 100%m	6.09

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Company

24-16-34 Scott Co KS

202 West Main Street
Salem IL
62881
ATTN: Tim Priest

Koehn 1 24

Job Ticket: 64588

DST#: 2

Test Start: 2016.07.21 @ 18:34:15

GENERAL INFORMATION:

Formation: **Marmaton A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 22:59:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

Interval: 4449.00 ft (KB) To 4500.00 ft (KB) (TVD)

Reference Elevations: 3109.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

3101.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8646 Inside

Press@RunDepth: psig @ 4461.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.07.21

End Date:

2016.07.21

Last Calib.:

2016.07.21

Start Time: 18:34:15

End Time:

22:59:30

Time On Btm:

Time Off Btm:

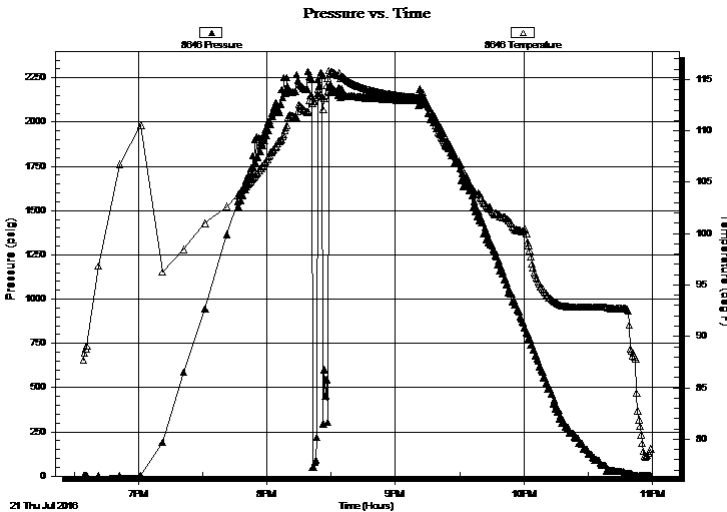
TEST COMMENT: IF:PACKER FAILURE

IS:

FF:

FS:

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
434.00	mud 100%m	6.09

Gas Rates

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

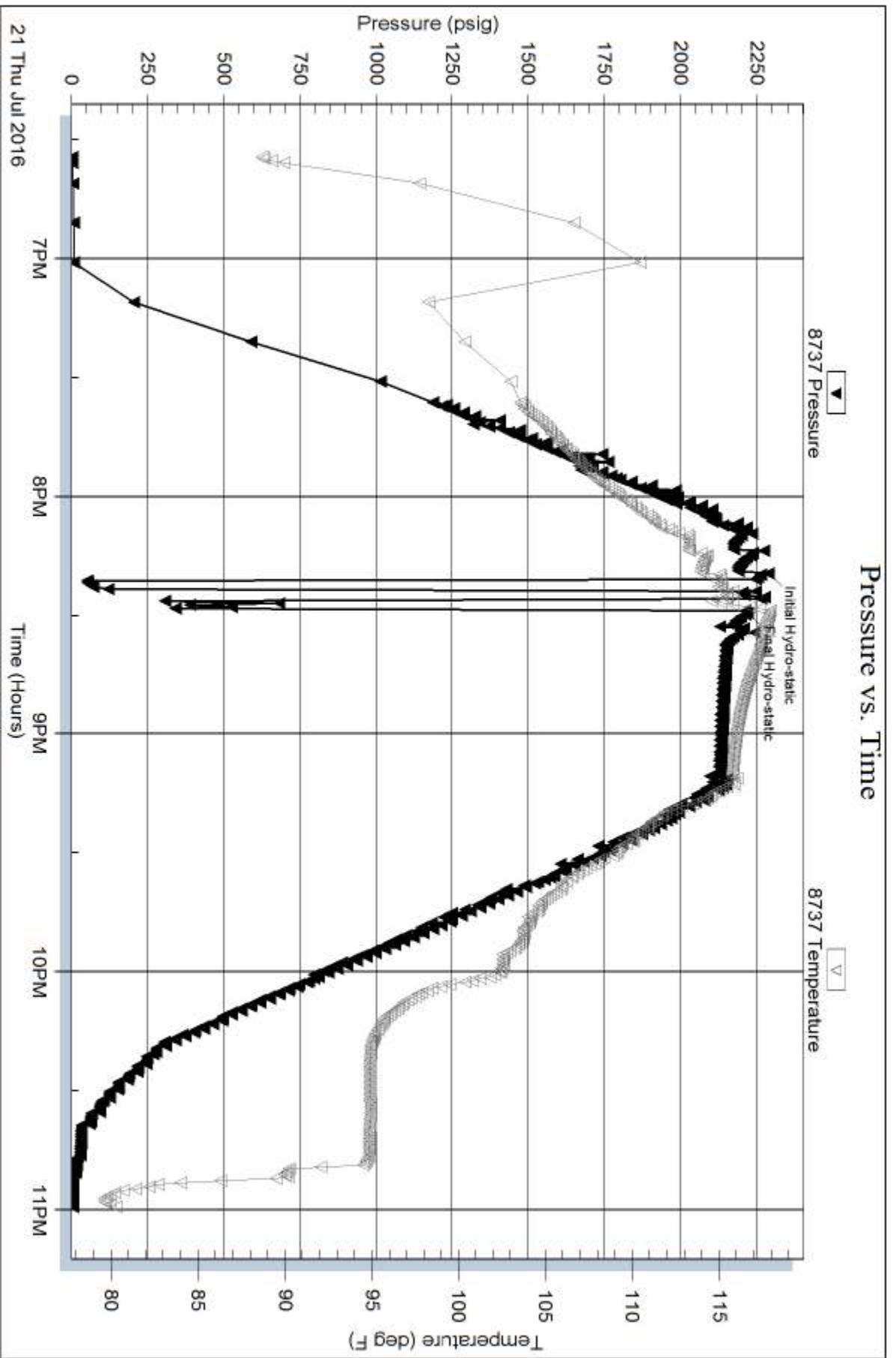
* Recovery from multiple tests

Serial #: 8737

Outside Shakespeare Oil Company

Koehn 1 24

DST Test Number: 2



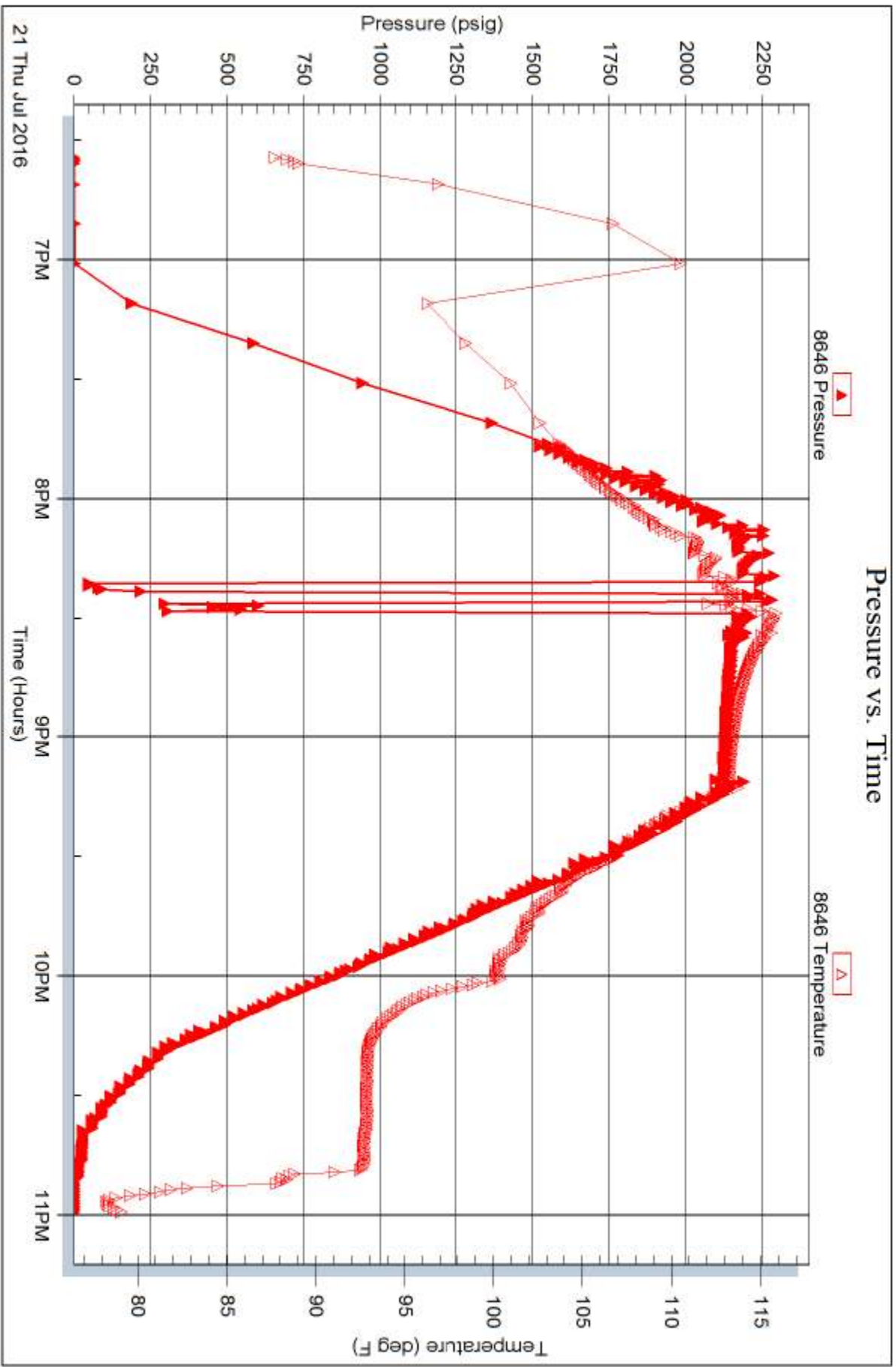
Serial #: 8646

Inside

Shakespeare Oil Company

Koehn 1 24

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 64588

Printed: 2016.07.22 @ 06:39:46