



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co.

10-16s-34w Scott co.

202 W Main st.
Salem, IL 62881

Koehn #1-10

Job Ticket: 59604

DST#: 3

ATTN: Tim Priest

Test Start: 2014.09.03 @ 06:36:00

GENERAL INFORMATION:

Formation: **Marmaton "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:28:15

Time Test Ended: 14:47:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 72

Interval: 4404.00 ft (KB) To 4460.00 ft (KB) (TVD)

Reference Elevations: 3127.00 ft (KB)

Total Depth: 4460.00 ft (KB) (TVD)

3122.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845

Inside

Press@RunDepth: 120.55 psig @ 4405.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.03

End Date:

2014.09.03

Last Calib.:

2014.09.03

Start Time: 06:36:05

End Time:

14:47:14

Time On Btm:

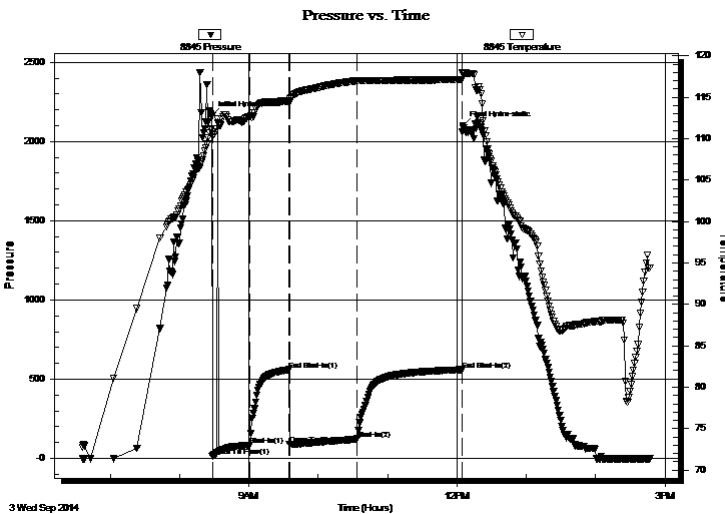
2014.09.03 @ 08:28:00

Time Off Btm:

2014.09.03 @ 12:05:15

TEST COMMENT: IF: 5 1/2" Blow .
IS: No Return
FF: 9" Blow .
FS: No Return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2163.90 | 111.18 | Initial Hydro-static |
| 1 | 13.46 | 110.26 | Open To Flow (1) |
| 33 | 83.24 | 112.64 | Shut-In(1) |
| 67 | 559.37 | 114.50 | End Shut-In(1) |
| 67 | 88.44 | 114.34 | Open To Flow (2) |
| 126 | 120.55 | 116.99 | Shut-In(2) |
| 217 | 559.28 | 117.14 | End Shut-In(2) |
| 218 | 2099.51 | 117.81 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------|--------------|
| 125.00 | GOWCM 10g 5w 35o 50m | 0.62 |
| 195.00 | GO 10g 90o | 2.74 |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 59604

DST#: 3

ATTN: Tim Priest

Test Start: 2014.09.03 @ 06:36:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|----------------------|---------------|
| 125.00 | GOWCM 10g 5w 35o 50m | 0.624 |
| 195.00 | GO 10g 90o | 2.735 |

Total Length: 320.00 ft Total Volume: 3.359 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 34 @ 100 degrees= 30 deg API

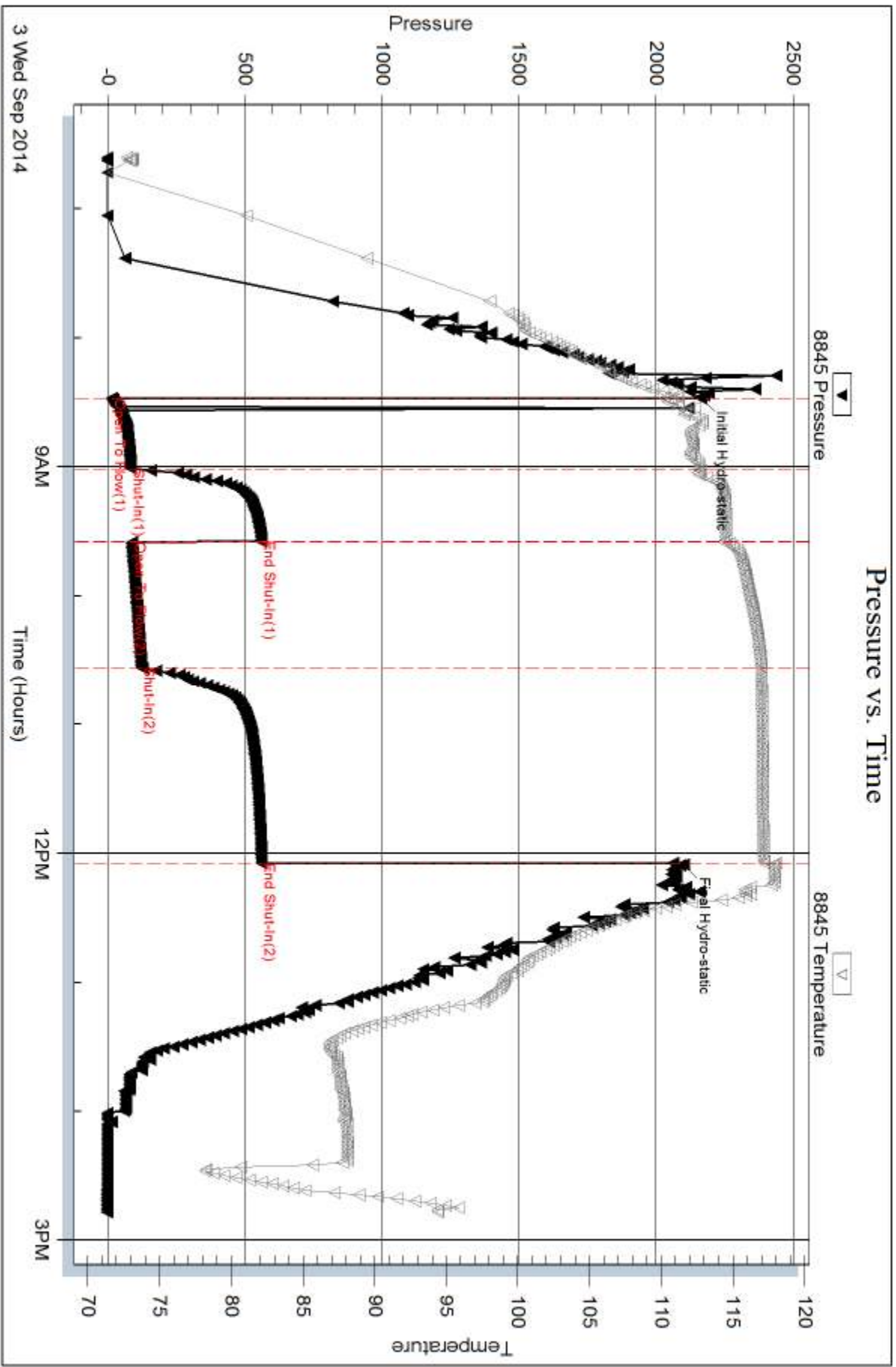
Serial #: 8845

Inside

Shakespeare Oil Co.

Koehn #1-10

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59604

Printed: 2014.09.04 @ 08:03:56