



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespear Oil Co, Inc

21 14s 32w Logan, Ks

202 W. Main St.
Salem, IL 62881

Ottley 1-21

Job Ticket: 46678

DST#: 5

ATTN: Tim Priest

Test Start: 2012.04.03 @ 19:20:00

GENERAL INFORMATION:

Formation: **LKC "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:37:45

Time Test Ended: 04:40:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Waler

Unit No: 53

Interval: 3920.00 ft (KB) To 3942.00 ft (KB) (TVD)

Reference Elevations: 2763.00 ft (KB)

Total Depth: 3942.00 ft (KB) (TVD)

2753.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8522 Inside

Press @ Run Depth: 274.59 psig @ 3921.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.03

End Date:

2012.04.04

Last Calib.: 2012.04.04

Start Time: 19:20:05

End Time:

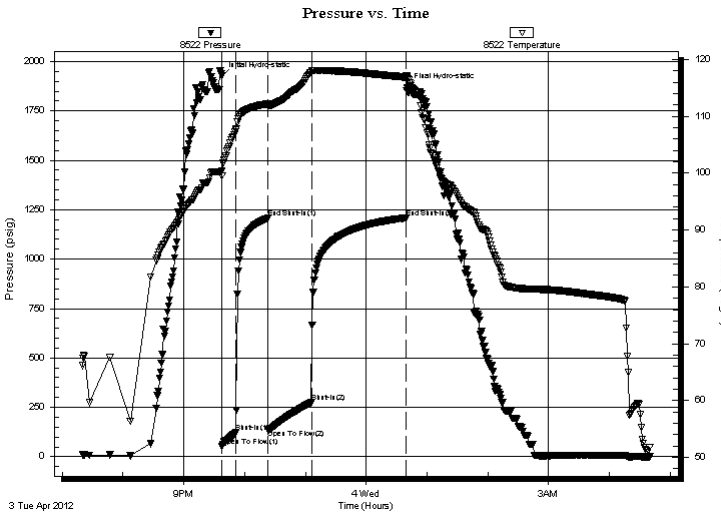
04:40:00

Time On Btm: 2012.04.03 @ 21:37:30

Time Off Btm: 2012.04.04 @ 00:40:00

TEST COMMENT: IF: BOB @ 4 min.
IS: 9" return.
FF: BOB @ 3 min.
FS: BOB @ 30 min.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1925.84 | 100.30 | Initial Hydro-static |
| 1 | 52.78 | 99.50 | Open To Flow (1) |
| 14 | 121.83 | 107.54 | Shut-In(1) |
| 46 | 1207.28 | 112.17 | End Shut-In(1) |
| 46 | 138.25 | 111.83 | Open To Flow (2) |
| 89 | 274.59 | 117.77 | Shut-In(2) |
| 182 | 1206.86 | 116.83 | End Shut-In(2) |
| 183 | 1868.78 | 116.90 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------|--------------|
| 130.00 | gw ocm 10g 15w 35o 40m | 0.67 |
| 480.00 | gmco 30g 2m 68o | 4.77 |
| 0.00 | 870' GIP | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespear Oil Co, Inc

21 14s 32w Logan, Ks

202 W. Main St.
Salem, IL 62881

Ottley 1-21

Job Ticket: 46678

DST#: 5

ATTN: Tim Priest

Test Start: 2012.04.03 @ 19:20:00

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:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------------|---------------|
| 130.00 | gw ocm 10g 15w 35o 40m | 0.675 |
| 480.00 | gmco 30g 2m 68o | 4.775 |
| 0.00 | 870' GIP | 0.000 |

Total Length: 610.00 ft Total Volume: 5.450 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8522

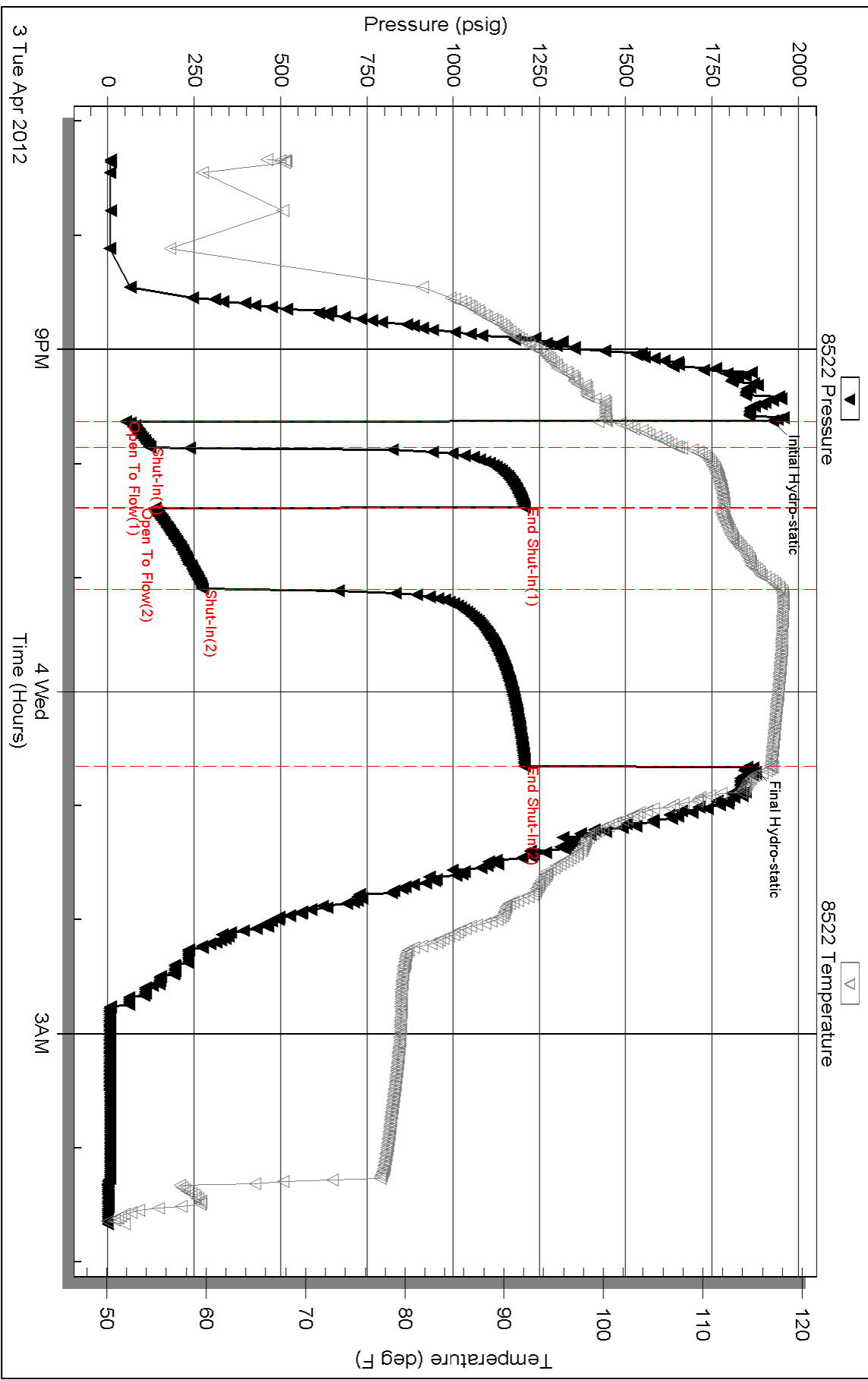
Inside

Shakespeare Oil Co, Inc

Ottley 1-21

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 46678

Printed: 2012.04.04 @ 08:05:08