

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc

21 14s 32w Logan, Ks

202 W. Main St.
Salem, IL 62881

Ottley 1-21

Job Ticket: 46682

DST#: 9

ATTN: Tim Priest

Test Start: 2012.04.08 @ 17:45:05

GENERAL INFORMATION:

Formation: FT Scott

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 19:27:30

Time Test Ended: 00:47:44

Test Type: Conventional Bottom Hole (Reset)

Tester: Cole Archibald

Unit No: 53

Interval: 4255.00 ft (KB) To 4290.00 ft (KB) (TVD)

Total Depth: 4290.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2763.00 ft (KB)

2753.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8522 Inside

Press@RunDepth: 42.47 psig @ 4256.00 ft (KB)

Start Date: 2012.04.08

End Date: 2012.04.09

Start Time: 17:45:05

End Time: 00:47:44

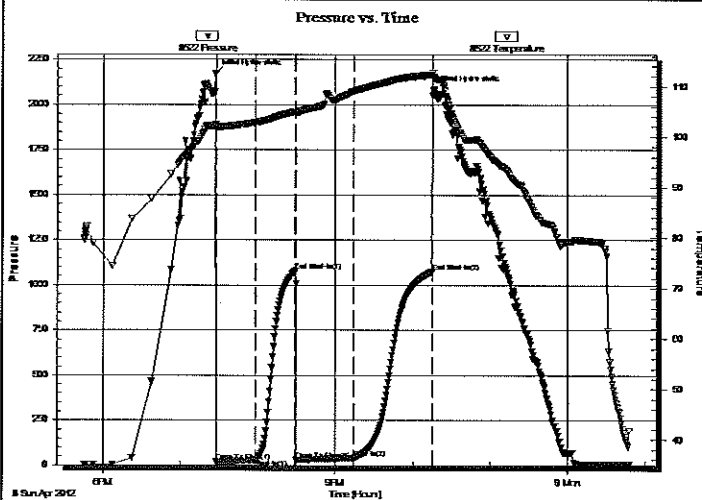
Capacity: 8000.00 psig

Last Calib.: 2012.04.08

Time On Btm: 2012.04.08 @ 19:26:45

Time Off Btm: 2012.04.08 @ 22:16:29

TEST COMMENT: 1 1/4 inch blow
No return
1 1/4 inch blow
No return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2172.19 | 102.49 | Initial Hydro-static |
| 1 | 18.84 | 101.76 | Open To Flow (1) |
| 32 | 28.73 | 102.83 | Shut-In(1) |
| 62 | 1077.50 | 105.02 | End Shut-In(1) |
| 63 | 32.25 | 104.74 | Open To Flow (2) |
| 108 | 42.47 | 109.05 | Shut-In(2) |
| 169 | 1074.18 | 112.29 | End Shut-In(2) |
| 170 | 2086.47 | 111.65 | Final Hydro-static |

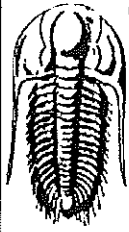
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------------|--------------|
| 30.00 | ow cm 10 % O 40 % W 50 % M | 0.15 |
| 0.00 | RW.239 @ 56 F* =40,000 chl | 0.00 |
| | | |
| | | |
| | | |

* 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: 46682

DST#: 9

ATTN: Tim Priest

Test Start: 2012.04.08 @ 17:45:05

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: | ppm |
| Viscosity: 59.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 9.18 cm ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 6000.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|----------------------------|---------------|
| 30.00 | ow cm 10 % O 40 % W 50 % M | 0.148 |
| 0.00 | RW.239 @ 56 F* =40,000 chl | 0.000 |

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

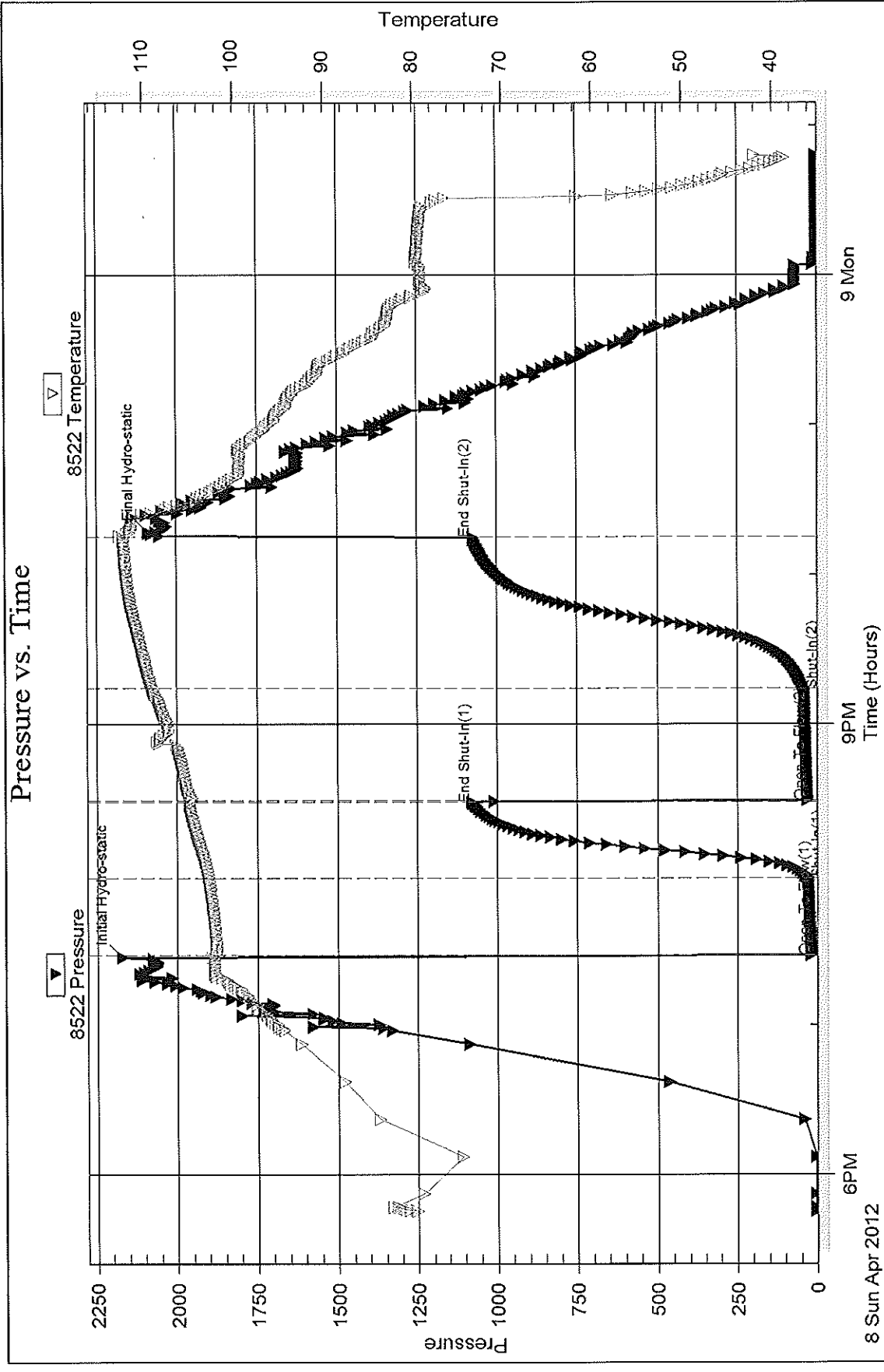
Serial #: 8522

Inside

Shakespear Oil Co, Inc

Obtley 1-21

DST Test Number: 9



Trilobite Testing, Inc

Ref. No: 46682

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