



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Jones Oil, LLC.
 112 N. Gray
 St. John, KS 67576-1923
 ATTN: Keaton Johnes

2-24s-14w Stafford Co., KS

Bookstore 4

Job Ticket: 52495 **DST#: 1**

Test Start: 2014.04.23 @ 12:04:37

GENERAL INFORMATION:

Formation: **Lansing "B"**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 14:03:37

Time Test Ended: 17:34:07

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds

Unit No: 68

Interval: 3628.00 ft (KB) To 3651.00 ft (KB) (TVD)

Reference Elevations: 1949.00 ft (KB)

Total Depth: 3651.00 ft (KB) (TVD)

1944.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8790

Inside

Press@RunDepth: 31.36 psig @ 3629.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.23

End Date:

2014.04.23

Last Calib.: 2014.04.23

Start Time: 12:04:42

End Time:

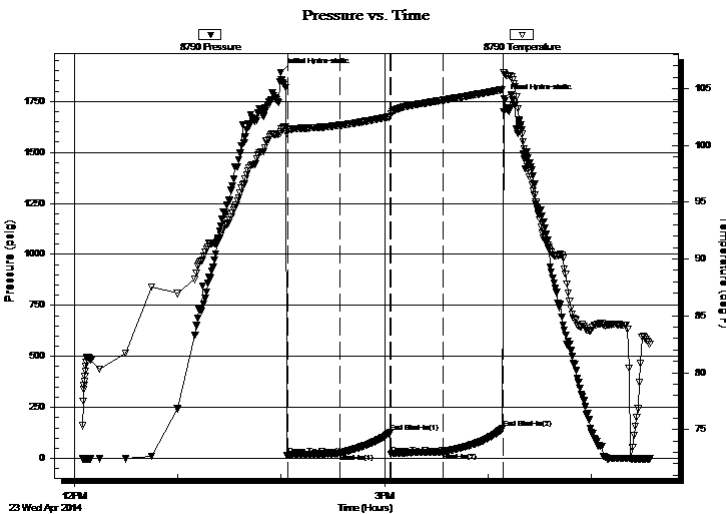
17:34:06

Time On Btm: 2014.04.23 @ 13:59:37

Time Off Btm: 2014.04.23 @ 16:09:22

TEST COMMENT: IF: Weak blow . surf. - 3"
 IS: No blow
 FF: Weak blow . 1" - surf.
 FS: No blow

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1891.85 | 101.16 | Initial Hydro-static |
| 4 | 14.67 | 101.37 | Open To Flow (1) |
| 35 | 25.57 | 101.78 | Shut-In(1) |
| 64 | 126.56 | 102.54 | End Shut-In(1) |
| 65 | 21.46 | 102.76 | Open To Flow (2) |
| 95 | 31.36 | 103.97 | Shut-In(2) |
| 129 | 147.38 | 104.90 | End Shut-In(2) |
| 130 | 1763.06 | 106.42 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------|--------------|
| 20.00 | OCM 2%o, 98%m | 0.10 |
| 0.00 | 160' GIP | 0.00 |
| | | |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (m ³ /d) |
|--|----------------|-----------------|------------------------------|
| | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jones Oil, LLC.

2-24s-14w Stafford Co., KS

112 N. Gray
St. John, KS 67576-1923

Bookstore 4

Job Ticket: 52495

DST#: 1

ATTN: Keaton Johnes

Test Start: 2014.04.23 @ 12:04:37

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:

7000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------|---------------|
| 20.00 | OCM 2%o, 98%m | 0.098 |
| 0.00 | 160' GIP | 0.000 |

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8790

Inside

Jones Oil, LLC.

Bookstore 4

DST Test Number: 1

