



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

S17-17s-34w Scott, KS

202 W Main
Salem, IL 62881

BIEL 1-17

Job Ticket: 56251

DST#: 1

ATTN: Tim Priest

Test Start: 2014.01.21 @ 12:40:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:29:00

Time Test Ended: 20:01:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 4522.00 ft (KB) To 4547.00 ft (KB) (TVD)

Reference Elevations: 3156.00 ft (KB)

Total Depth: 4547.00 ft (KB) (TVD)

3146.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8357 Inside

Press @ Run Depth: 19.32 psig @ 4524.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.21

End Date:

2014.01.21

Last Calib.:

2014.01.21

Start Time: 12:40:05

End Time:

20:00:59

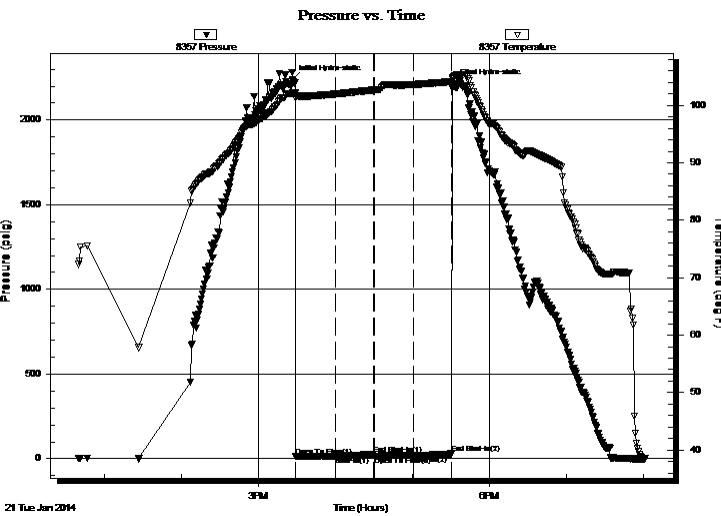
Time On Btm:

2014.01.21 @ 15:26:24

Time Off Btm:

2014.01.21 @ 17:31:30

TEST COMMENT: No blow.
No return.
No blow, flushed tool, surge died.
No return.



PRESSURE SUMMARY

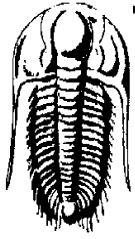
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2237.01 | 102.05 | Initial Hydro-static |
| 3 | 13.05 | 101.23 | Open To Flow (1) |
| 34 | 14.83 | 101.96 | Shut-In(1) |
| 64 | 27.06 | 102.66 | End Shut-In(1) |
| 64 | 15.06 | 102.66 | Open To Flow (2) |
| 94 | 19.32 | 103.59 | Shut-In(2) |
| 124 | 29.09 | 104.14 | End Shut-In(2) |
| 126 | 2216.53 | 104.86 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------|--------------|
| 0.00 | RW: @ Degrees F = PPM | 0.00 |
| 5.00 | M 100m oil spots in tool. | 0.02 |
| | | |
| | | |
| | | |

Gas Rates

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



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Test Start: 2014.01.21 @ 12:40:00

GENERAL INFORMATION:

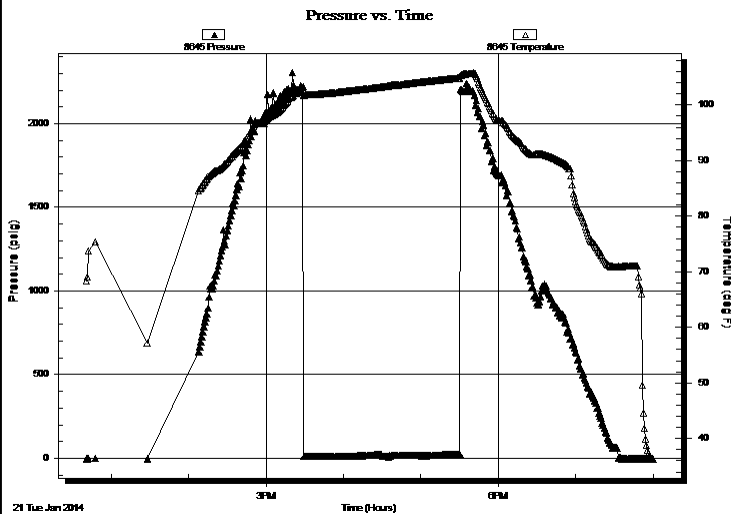
Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 15:29:00 Tester: Chuck Smith
 Time Test Ended: 20:01:00 Unit No: 62
 Interval: **4522.00 ft (KB) To 4547.00 ft (KB) (TVD)** Reference Elevations: 3156.00 ft (KB)
 Total Depth: 4547.00 ft (KB) (TVD) 3146.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8645

Outside

Press @ Run Depth: psig @ 4524.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.21 End Date: 2014.01.21 Last Calib.: 2014.01.21
 Start Time: 12:40:47 End Time: 19:59:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: No blow.
 No return.
 No blow, flushed tool, surge died.
 No return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
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Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------|--------------|
| 0.00 | RW: @ Degrees F = PPM | 0.00 |
| 5.00 | M 100m oil spots in tool. | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

Pressure vs. Time

