



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

14-14-32 Logan, Ks

202 W Main St
Saem, Il
62881

K Ottley #1-14

Job Ticket: 46593

DST#: 6

ATTN: Steve Davis

Test Start: 2012.06.04 @ 00:17:15

GENERAL INFORMATION:

Formation: **myran station**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 02:27:00

Time Test Ended: 06:36:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Cole Archibald

Unit No: 55

Interval: 4302.00 ft (KB) To 4330.00 ft (KB) (TVD)

Reference Elevations: 2824.00 ft (KB)

Total Depth: 4330.00 ft (KB) (TVD)

2819.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6771 Outside

Press @ Run Depth: 23.41 psig @ 4303.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.04

End Date:

2012.06.04

Last Calib.:

2012.06.05

Start Time:

12:17:15

End Time:

18:36:30

Time On Btm:

2012.06.04 @ 14:26:45

Time Off Btm:

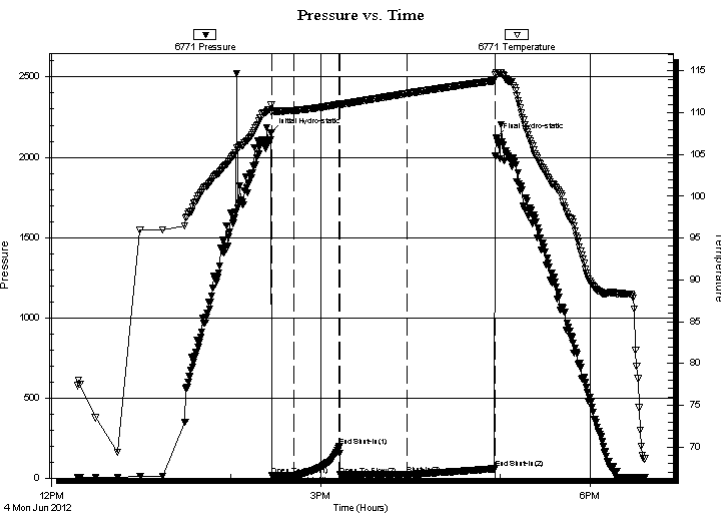
2012.06.04 @ 16:57:15

TEST COMMENT: dying surface blow

no return

no blow

no return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2155.10 | 110.90 | Initial Hydro-static |
| 1 | 18.06 | 110.04 | Open To Flow (1) |
| 16 | 19.41 | 110.27 | Shut-In(1) |
| 46 | 195.74 | 111.03 | End Shut-In(1) |
| 46 | 20.59 | 110.99 | Open To Flow (2) |
| 91 | 23.41 | 112.29 | Shut-In(2) |
| 150 | 58.78 | 113.83 | End Shut-In(2) |
| 151 | 2123.93 | 114.83 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | M | 0.02 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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K Ottley #1-14

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DST#: 6

ATTN: Steve Davis

Test Start: 2012.06.04 @ 00:17:15

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: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 5.00 | M | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6771

Outside Shakespeare Oil Co Inc

K Otley #1-14

DST Test Number: 6

