



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. LLC

23/13s/31w Gove, Ks

202 W Main St.
Salem IL, 62881

Zerr Trust # 2-23

ATTN: Pat Deenihan

Job Ticket: 45402

DST#: 3

Test Start: 2011.10.09 @ 14:00:15

GENERAL INFORMATION:

Formation: **Myrick Station**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 17:00:45

Time Test Ended: 21:30:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4408.00 ft (KB) To 4438.00 ft (KB) (TVD)

Reference Elevations: 2892.00 ft (KB)

Total Depth: 4438.00 ft (KB) (TVD)

2882.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6771

Inside

Press @ Run Depth: 20.26 psig @ 4410.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.09

End Date:

2011.10.09

Last Calib.:

2011.10.09

Start Time: 14:00:15

End Time:

21:16:15

Time On Btm:

2011.10.09 @ 17:00:00

Time Off Btm:

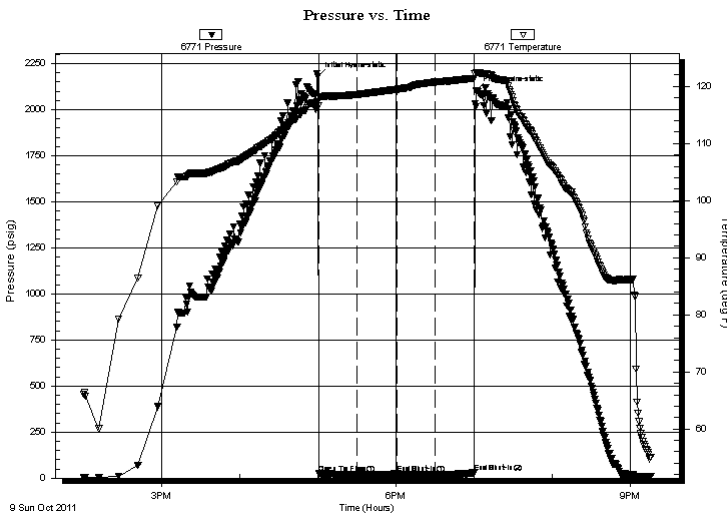
2011.10.09 @ 19:01:45

TEST COMMENT: Weak blow died in 6 min.

No return

No blow

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2180.52	118.04	Initial Hydro-static
1	23.41	116.60	Open To Flow (1)
30	20.10	118.57	Shut-In(1)
61	24.15	119.47	End Shut-In(1)
61	23.43	119.48	Open To Flow (2)
90	20.26	120.75	Shut-In(2)
121	29.21	121.42	End Shut-In(2)
122	2104.16	122.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100% m	0.01

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Test Start: 2011.10.09 @ 14:00:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100%m	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6771

Inside

Shakespeare Oil Co. LLC

Zerr Trust # 2-23

DST Test Number: 3

