



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

15-14-32 Logan, Ks

202 w main st.
Salem, IL 62881

Ottley 9-15

Job Ticket: 59010

DST#: 1

ATTN: Tim Priest

Test Start: 2014.07.26 @ 03:20:22

GENERAL INFORMATION:

Formation: **Lansing A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:43:52

Time Test Ended: 11:03:22

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 60

Interval: 3742.00 ft (KB) To 3770.00 ft (KB) (TVD)

Reference Elevations: 2762.00 ft (KB)

Total Depth: 3770.00 ft (KB) (TVD)

2755.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8373 Inside

Press @ Run Depth: 362.22 psig @ 3747.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.26

End Date: 2014.07.26

Last Calib.: 2014.07.26

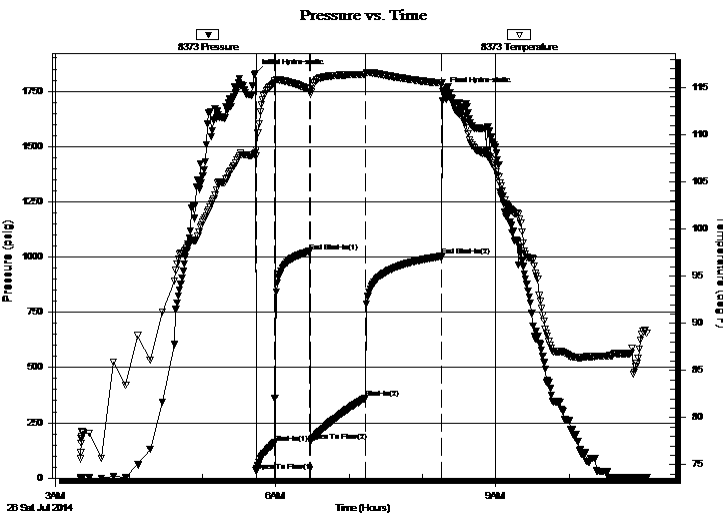
Start Time: 03:20:27

End Time: 11:03:21

Time On Btm: 2014.07.26 @ 05:43:22

Time Off Btm: 2014.07.26 @ 08:16:52

TEST COMMENT: IF: BOB in 6 min.
IS: No return.
FF: BOB in 8 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1830.92	108.10	Initial Hydro-static
1	32.80	107.78	Open To Flow (1)
16	159.34	115.48	Shut-In(1)
44	1024.82	114.86	End Shut-In(1)
45	167.60	114.30	Open To Flow (2)
90	362.22	116.40	Shut-In(2)
153	1003.24	115.53	End Shut-In(2)
154	1746.29	114.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
434.00	water 100%w	4.46
339.00	mcw 70%w 30%m	4.76
2.00	free oil 100% o	0.03

Gas Rates

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



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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:

25000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	water 100%w	4.457
339.00	mcw 70%w 30%m	4.755
2.00	free oil 100% o	0.028

Total Length: 775.00 ft Total Volume: 9.240 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .22@87=25000

Pressure vs. Time

