



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co.

Campbell 1-17

202 W Main St.
Salem IL 62881

17-13-32 Logan, Ks

ATTN: Lansing A & B

Job Ticket: 39091

DST#: 2

Test Start: 2010.07.06 @ 01:06:22

GENERAL INFORMATION:

Formation: **Lansing D-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:58:17

Time Test Ended: 08:47:46

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4051.00 ft (KB) To 4096.00 ft (KB) (TVD)

Reference Elevations: 3027.00 ft (KB)

Total Depth: 4096.00 ft (KB) (TVD)

3017.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373 Inside

Press @ Run Depth: 680.81 psig @ 4052.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.07.06

End Date: 2010.07.06

Last Calib.: 2010.07.06

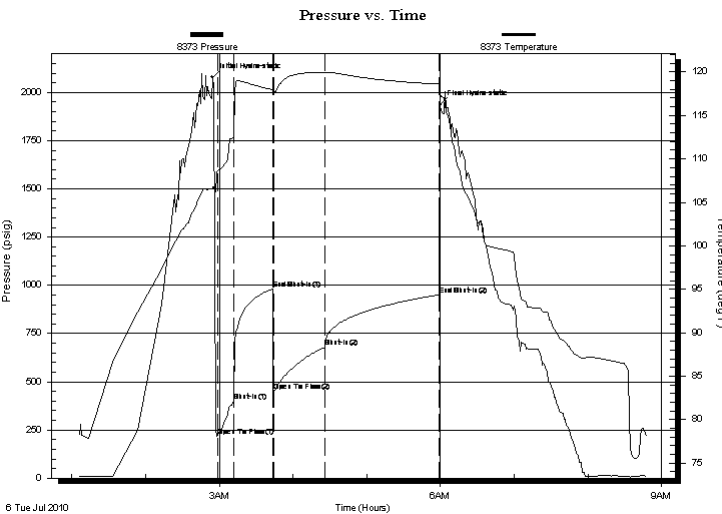
Start Time: 01:06:22

End Time: 08:47:46

Time On Btm: 2010.07.06 @ 02:54:17

Time Off Btm: 2010.07.06 @ 05:59:46

TEST COMMENT: IF: BOB in 1 min.
IS: No return.
FF: BOB in 2 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2078.01	106.58	Initial Hydro-static
4	218.08	108.58	Open To Flow (1)
18	396.98	112.60	Shut-In(1)
50	982.87	117.97	End Shut-In(1)
50	453.32	117.70	Open To Flow (2)
92	680.81	119.91	Shut-In(2)
185	951.40	118.62	End Shut-In(2)
186	1936.02	117.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
868.00	water 100%w	11.05
248.00	mcw trace of oil 90%w 10%m	3.48
372.00	w cm trace of oil 30%w 70%m	5.22
1.00	free oil 100%o	0.01

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:

36000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
868.00	water 100%w	11.046
248.00	mcw trace of oil 90%w 10%m	3.479
372.00	w cm trace of oil 30%w 70%m	5.218
1.00	free oil 100%o	0.014

Total Length: 1489.00 ft Total Volume: 19.757 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .21@67= 36000

Pressure vs. Time

