



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

ATTN: Tim Priest

Job Ticket: 43686

DST#: 1

Test Start: 2011.08.30 @ 04:31:00

GENERAL INFORMATION:

Formation: **C**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
 Time Tool Opened: 07:24:10 Tester: **Brandon Turley**
 Time Test Ended: 12:28:09 Unit No: **35**
Interval: 4072.00 ft (KB) To 4100.00 ft (KB) (TVD) Reference Elevations: **3130.00 ft (KB)**
 Total Depth: **4100.00 ft (KB) (TVD)** **3120.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **10.00 ft**

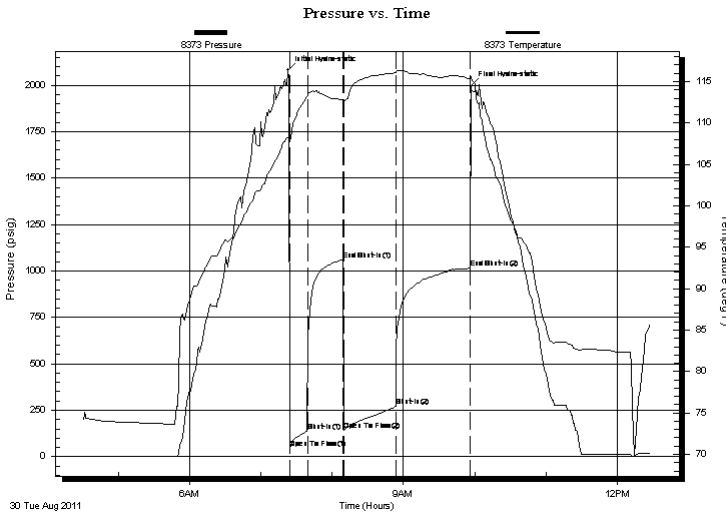
Serial #: 8373

Inside

Press @ Run Depth: 270.20 psig @ 4073.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.08.30 End Date: 2011.08.30 Last Calib.: 2011.08.30
 Start Time: 04:31:00 End Time: 12:28:09 Time On Btm: 2011.08.30 @ 07:22:55
 Time Off Btm: 2011.08.30 @ 09:56:39

TEST COMMENT: IF: 1/4 blow BOB in 8 min.
 IS: No return.
 FF: BOB in 11 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.35	108.25	Initial Hydro-static
2	47.52	107.68	Open To Flow (1)
17	138.46	113.25	Shut-In(1)
47	1061.74	112.85	End Shut-In(1)
47	144.41	112.48	Open To Flow (2)
91	270.20	116.04	Shut-In(2)
153	1015.96	115.39	End Shut-In(2)
154	1996.28	115.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
372.00	mcw 95%w 5%m	4.10
248.00	mw 50%w 50%m	3.48
102.00	w cm 20%w 80%m	1.43

Gas Rates

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



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FLUID SUMMARY

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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:

26000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
372.00	mcw 95%w 5%m	4.098
248.00	mw 50%w 50%m	3.479
102.00	w cm 20%w 80%m	1.431

Total Length: 722.00 ft Total Volume: 9.008 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .23@81=26000

