



**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: 43687

DST#: 2

Test Start: 2011.08.30 @ 23:26:12

GENERAL INFORMATION:

Formation: **E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:17:52

Time Test Ended: 07:40:36

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4118.00 ft (KB) To 4150.00 ft (KB) (TVD)

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4150.00 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: 239.97 psig @ 4119.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.30

End Date:

2011.08.31

Last Calib.: 2011.08.31

Start Time: 23:26:12

End Time:

07:40:36

Time On Btm: 2011.08.31 @ 01:16:52

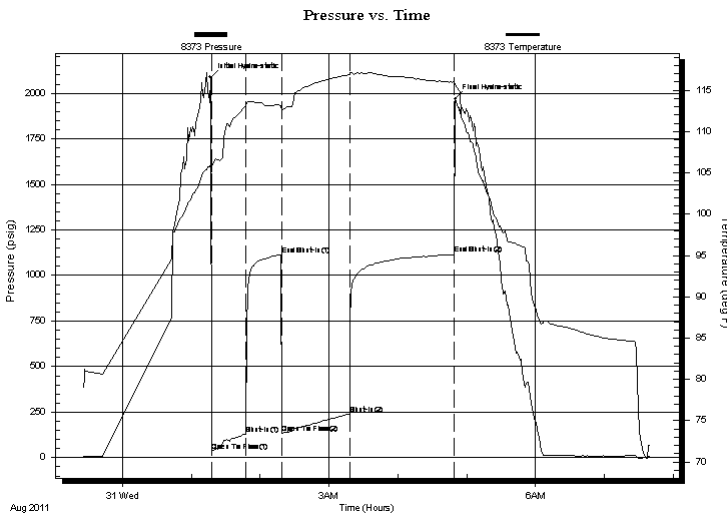
Time Off Btm: 2011.08.31 @ 04:50:06

TEST COMMENT: IF: 1/4 blow BOB in 20 min.

IS: No return.

FF: Surface blow BOB in 23 min.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2086.29	106.08	Initial Hydro-static
1	33.78	105.17	Open To Flow (1)
31	128.18	113.10	Shut-In(1)
62	1113.39	113.15	End Shut-In(1)
62	134.27	112.71	Open To Flow (2)
121	239.97	116.91	Shut-In(2)
213	1115.98	116.01	End Shut-In(2)
214	1968.11	115.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	mcw 90%w 10%m	1.49
186.00	mcw 80%w 20%m	2.61
144.00	w cm 10%w 90%m	2.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co

Nichols 1-15

202 W Main St.
Salem, IL 62881

15-16-34 Scott, KS

Job Ticket: 43687

DST#: 2

ATTN: Tim Priest

Test Start: 2011.08.30 @ 23:26:12

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:

23000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
186.00	mcw 90%w 10%m	1.489
186.00	mcw 80%w 20%m	2.609
144.00	w cm 10%w 90%m	2.020

Total Length: 516.00 ft Total Volume: 6.118 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .31@69=23000

