



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

26-16-34 Scott Ks

202 W Main St.
Salem, IL 62881

Carson 1-26

Job Ticket: 54933

DST#: 1

ATTN: Tim Priest

Test Start: 2013.09.02 @ 22:03:44

GENERAL INFORMATION:

Formation: **Lansing I-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:30:14

Time Test Ended: 05:42:44

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 60

Interval: 4271.00 ft (KB) To 4314.00 ft (KB) (TVD)

Reference Elevations: 3121.00 ft (KB)

Total Depth: 4314.00 ft (KB) (TVD)

3114.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 448.71 psig @ 4276.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.02

End Date:

2013.09.03

Last Calib.:

2013.09.03

Start Time:

22:03:49

End Time:

05:42:43

Time On Btm:

2013.09.03 @ 00:28:14

Time Off Btm:

2013.09.03 @ 03:00:14

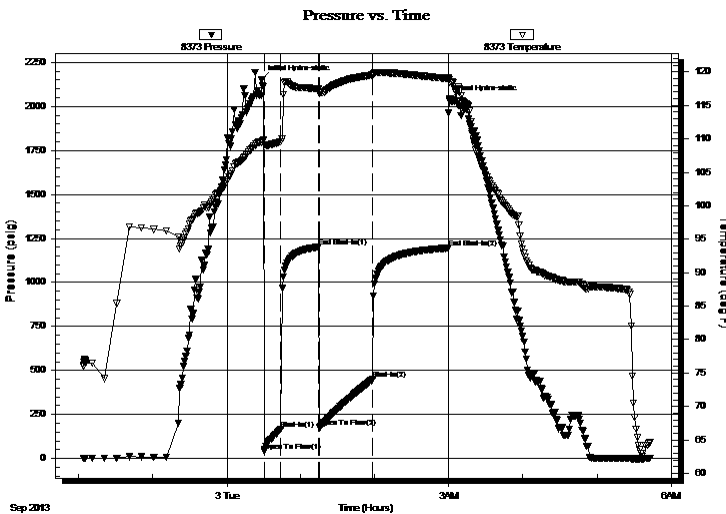
TEST COMMENT: IF: 1/4 blow BOB in 6 min.

IS: No return.

FF: BOB in 7 min.

FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2150.99	109.50	Initial Hydro-static
2	42.00	109.14	Open To Flow (1)
16	166.57	109.62	Shut-In(1)
46	1201.11	117.46	End Shut-In(1)
47	175.60	116.84	Open To Flow (2)
90	448.71	119.53	Shut-In(2)
151	1195.44	119.00	End Shut-In(2)
152	2040.19	118.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
660.00	mcw 95%w 5%m	8.49
300.00	w cm 30%w 70%m	4.39

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:

52000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
660.00	mcw 95%w 5%m	8.487
300.00	w cm 30%w 70%m	4.387

Total Length: 960.00 ft Total Volume: 12.874 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .16@65=52000

