



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.
202 West Main Street
Salem IL
62881
ATTN: Pat Deenihan

Pope 1-20

20-13-32w Logan Co K

Job Ticket: 43278

DST#: 4

Test Start: 2011.07.30 @ 16:06:15

GENERAL INFORMATION:

Formation: **Lansing "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:45:15

Time Test Ended: 21:34:45

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4162.00 ft (KB) To 4223.00 ft (KB) (TVD)

Reference Elevations: 3039.00 ft (KB)

Total Depth: 4223.00 ft (KB) (TVD)

3034.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 6669 Outside

Press @ Run Depth: 87.63 psig @ 4218.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.30

End Date: 2011.07.30

Last Calib.: 2011.07.30

Start Time: 16:06:15

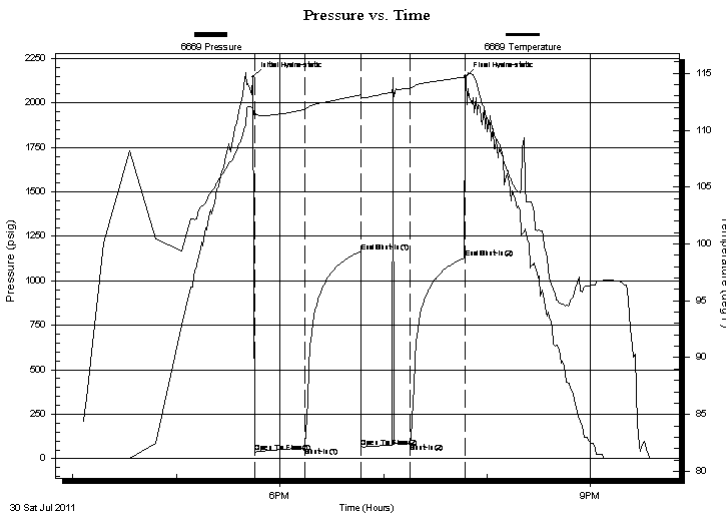
End Time: 21:34:45

Time On Btm: 2011.07.30 @ 17:44:30

Time Off Btm: 2011.07.30 @ 19:47:45

TEST COMMENT: IF: Weak blow built to 3/4"
IS: No return blow
FF: No blow --- flushed tool --- no blow
FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2145.92	111.97	Initial Hydro-static
1	36.24	111.08	Open To Flow (1)
30	62.57	111.81	Shut-In(1)
63	1164.10	113.10	End Shut-In(1)
63	67.19	112.75	Open To Flow (2)
91	87.63	113.70	Shut-In(2)
123	1128.96	114.66	End Shut-In(2)
124	2147.78	114.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	mud	0.32

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:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
65.00	mud	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

