



**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: 43175

DST#: 1

Test Start: 2011.07.27 @ 00:09:15

GENERAL INFORMATION:

Formation: **Lansing "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:59:15

Time Test Ended: 09:25:30

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 3999.00 ft (KB) To 4028.00 ft (KB) (TVD)

Total Depth: 4028.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 3039.00 ft (KB)

3034.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6669 Outside

Press @ Run Depth: 1194.24 psig @ 4054.00 ft (KB)

Start Date: 2011.07.27

End Date: 2011.07.27

Start Time: 00:09:15

End Time: 09:25:30

Capacity: 8000.00 psig

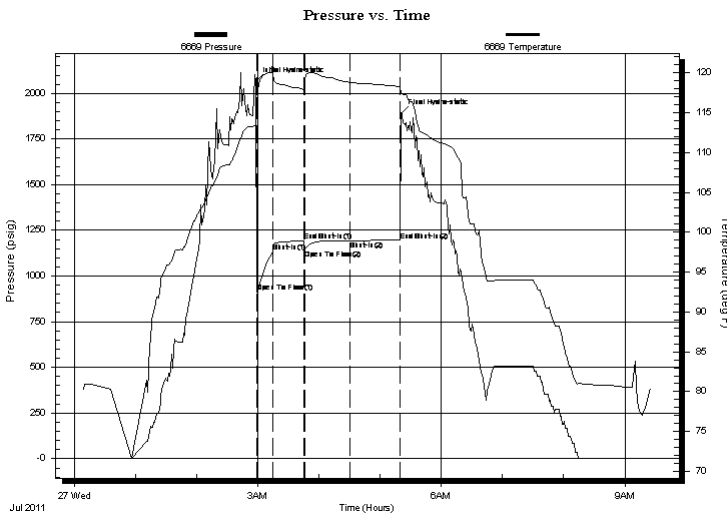
Last Calib.: 2011.07.28

Time On Btm: 2011.07.27 @ 02:58:15

Time Off Btm: 2011.07.27 @ 05:20:30

TEST COMMENT: IF:BOB in 30 sec.
IS:No return blow
FF:BOB in 1 min
FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2063.47	113.44	Initial Hydro-static
1	910.46	116.18	Open To Flow (1)
17	1134.35	120.04	Shut-In(1)
48	1192.15	117.87	End Shut-In(1)
48	1143.57	118.57	Open To Flow (2)
92	1194.24	118.81	Shut-In(2)
142	1194.49	118.29	End Shut-In(2)
143	1888.52	117.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1054.00	sw 100% sw	13.66

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:

25000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1054.00	sw 100% sw	13.655

Total Length: 1054.00 ft Total Volume: 13.655 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .287 @ 71.4*= 25,000 ppm

