



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespear Oil Co. inc.

Ottley 4-14

202 W main St.
Salem, IL. 62881

14/14/32/ Logan ks

ATTN: Tim Priest

Job Ticket: 04006

DST#: 6

Test Start: 2011.02.20 @ 16:50:49

GENERAL INFORMATION:

Formation: **Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:51:49

Time Test Ended: 02:15:49

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 55

Interval: 4413.00 ft (KB) To 4439.00 ft (KB) (TVD)

Reference Elevations: 2799.00 ft (KB)

Total Depth: 4439.00 ft (KB) (TVD)

2793.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 6771 Inside

Press @ Run Depth: 391.27 psig @ 4414.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.02.20 End Date: 2011.02.21

Last Calib.: 2011.02.21

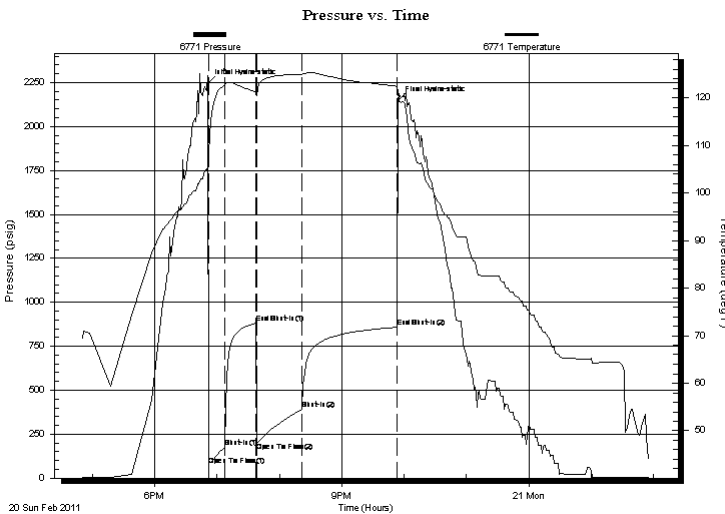
Start Time: 16:50:49 End Time: 01:56:49

Time On Btm: 2011.02.20 @ 18:51:19

Time Off Btm: 2011.02.20 @ 21:54:04

TEST COMMENT: B.O.B. in 2 min.
Bled off for 10 min. , Return to B.O.B. in 10 min.
B.O.B. @ open
Bled off for 7 min. ,Return to B.O.B. in 13 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2244.37	106.20	Initial Hydro-static
1	72.27	106.35	Open To Flow (1)
16	176.22	122.84	Shut-In(1)
46	881.90	121.19	End Shut-In(1)
47	205.29	120.49	Open To Flow (2)
91	391.27	124.99	Shut-In(2)
182	858.07	122.46	End Shut-In(2)
183	2147.19	121.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	g o c m 20%g 25%o 55%m	0.59
120.00	g m c o 20%g 35%m 45%o	1.67
840.00	c g o 25%g 75%o	11.78
0.00	2640' gas in pipe	0.00

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:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	g o c m 20%g 25%o 55%m	0.590
120.00	g m c o 20%g 35%m 45%o	1.674
840.00	c g o 25%g 75%o	11.783
0.00	2640' gas in pipe	0.000

Total Length: 1080.00 ft

Total Volume: 14.047 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

