



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespear Oil Co, Inc

21 14s 32w Logan, Ks

202 W. Main St.
Salem, IL 62881

Ottley 1-21

Job Ticket: 44525

DST#: 2

ATTN: Tim Priest

Test Start: 2012.04.01 @ 08:56:00

GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:33:00

Time Test Ended: 14:59:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Waler

Unit No: 53

Interval: 3774.00 ft (KB) To 3804.00 ft (KB) (TVD)

Reference Elevations: 2763.00 ft (KB)

Total Depth: 3804.00 ft (KB) (TVD)

2753.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8678

Inside

Press @ Run Depth: 122.40 psig @ 3775.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.01

End Date:

2012.04.01

Last Calib.:

2012.04.01

Start Time: 08:56:05

End Time:

14:59:14

Time On Btm:

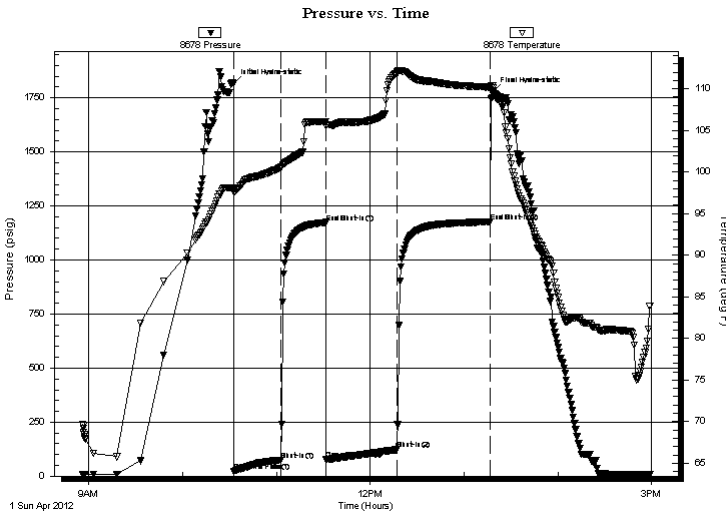
2012.04.01 @ 10:32:30

Time Off Btm:

2012.04.01 @ 13:18:45

TEST COMMENT: IF: 6" blow.
IS: No return.
FF: 9" blow.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1817.53	98.00	Initial Hydro-static
1	22.28	97.54	Open To Flow (1)
30	74.68	100.50	Shut-In(1)
59	1173.59	106.05	End Shut-In(1)
60	78.15	105.53	Open To Flow (2)
105	122.40	111.90	Shut-In(2)
165	1176.49	110.21	End Shut-In(2)
167	1778.46	110.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
220.00	mcw 30m 70w (oil spots)	1.72
3.00	oil 100o	0.03

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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DST#: 2

ATTN: Tim Priest

Test Start: 2012.04.01 @ 08:56:00

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:

56000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
220.00	mcw 30m 70w (oil spots)	1.721
3.00	oil 100o	0.030

Total Length: 223.00 ft Total Volume: 1.751 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .120 @ 77F = 56,000ppm

Pressure vs. Time

