



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc

16-14s-32w

202 W Main St
Salem, IL 62881

Ottley #4-16

ATTN: Tim Priest

Job Ticket: 53032

DST#: 4

Test Start: 2013.07.31 @ 16:45:00

GENERAL INFORMATION:

Formation: **Lkc "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:49:00

Time Test Ended: 22:31:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 58

Interval: 4061.00 ft (KB) To 4095.00 ft (KB) (TVD)

Reference Elevations: 2818.00 ft (KB)

Total Depth: 4095.00 ft (KB) (TVD)

2808.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8355 Outside

Press @ Run Depth: 15.51 psig @ 4066.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.31

End Date:

2013.07.31

Last Calib.: 2013.07.31

Start Time: 16:45:05

End Time:

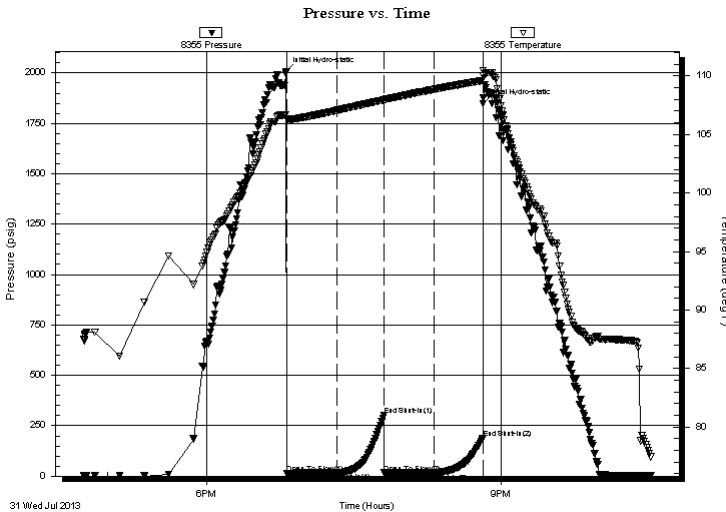
22:31:44

Time On Btm: 2013.07.31 @ 18:48:45

Time Off Btm: 2013.07.31 @ 20:49:00

TEST COMMENT: IF: 1/4 in. Blow
IS: No return
FF: No blow
FS: No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.11	106.69	Initial Hydro-static
1	15.22	106.30	Open To Flow (1)
31	16.37	107.05	Shut-In(1)
60	303.21	107.96	End Shut-In(1)
60	15.97	107.97	Open To Flow (2)
91	15.51	108.85	Shut-In(2)
120	187.71	109.61	End Shut-In(2)
121	1848.93	110.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m	0.02

* 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#: 4

ATTN: Tim Priest

Test Start: 2013.07.31 @ 16:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.37 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
5.00	Mud 100m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8355

Outside Shakespeare Oil Co, Inc

Oilley #4-16

DST Test Number: 4

