



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Com. INC.

9-16S-34W-Scott KS

202 W Main St.
Salem, IL 62881

KFY #1-9

Job Ticket: 49812

DST#: 4

ATTN: Tim Priest

Test Start: 2012.10.27 @ 09:22:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:18:15

Time Test Ended: 15:11:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 58

Interval: 4628.00 ft (KB) To 4718.00 ft (KB) (TVD)

Reference Elevations: 3142.00 ft (KB)

Total Depth: 4718.00 ft (KB) (TVD)

3132.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8674 Inside

Press @ Run Depth: 19.55 psig @ 4629.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.27

End Date:

2012.10.27

Last Calib.: 2012.10.27

Start Time: 09:22:05

End Time:

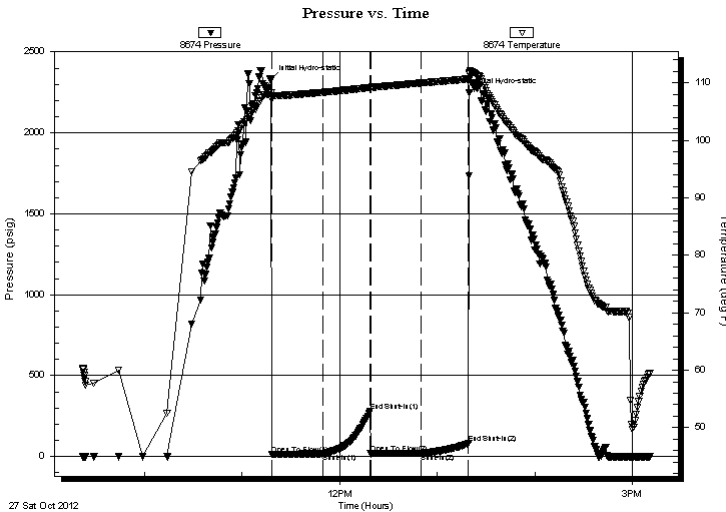
15:10:59

Time On Btm: 2012.10.27 @ 11:18:00

Time Off Btm: 2012.10.27 @ 13:19:45

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

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2332.30	108.27	Initial Hydro-static
1	13.84	107.04	Open To Flow (1)
32	18.32	108.34	Shut-In(1)
61	279.29	109.19	End Shut-In(1)
61	18.04	109.00	Open To Flow (2)
92	19.55	109.95	Shut-In(2)
122	82.34	110.67	End Shut-In(2)
122	2247.60	111.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (Oil Spots)	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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Test Start: 2012.10.27 @ 09:22:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m (Oil Spots)	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 #: 8674

Inside

Shakespeare Oil Com, INC.

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DST Test Number: 4

