



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

20-15s-33w Logan Co.

202 West Main st
Salem, IL 62881

Zanobia #1-20

Job Ticket: 51271

DST#: 4

ATTN: Tim Priest

Test Start: 2013.01.20 @ 10:40:00

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:07:00

Time Test Ended: 17:23:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4358.00 ft (KB) To 4395.00 ft (KB) (TVD)

Reference Elevations: 2889.00 ft (KB)

Total Depth: 4395.00 ft (KB) (TVD)

2879.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8845 Outside

Press @ Run Depth: 13.65 psig @ 4359.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.20

End Date: 2013.01.20

Last Calib.: 2013.01.20

Start Time: 10:40:05

End Time: 17:23:44

Time On Btm: 2013.01.20 @ 13:06:45

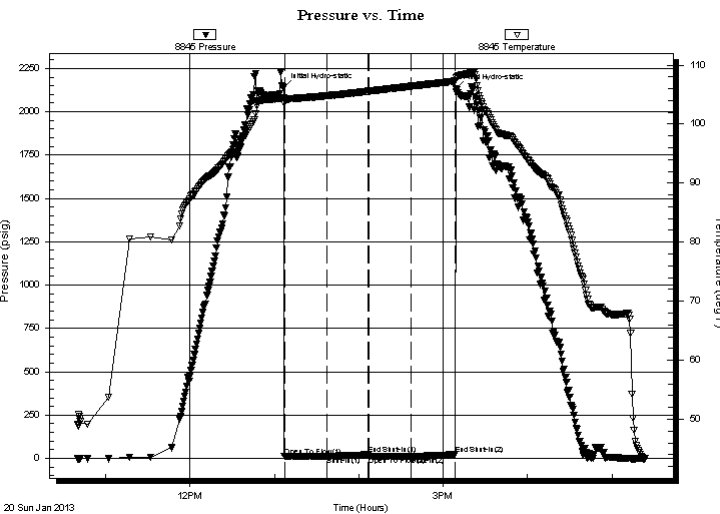
Time Off Btm: 2013.01.20 @ 15:09:15

TEST COMMENT: IF: Weak surface blow died @ 28 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2141.61	104.49	Initial Hydro-static
1	11.64	103.56	Open To Flow (1)
31	12.96	104.79	Shut-In(1)
60	23.85	105.56	End Shut-In(1)
61	12.01	105.57	Open To Flow (2)
91	13.65	106.41	Shut-In(2)
122	21.72	107.26	End Shut-In(2)
123	2134.91	107.89	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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Test Start: 2013.01.20 @ 10:40:00

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:

bbf

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	Mud 100m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8845

Outside Shakespeare Oil Co. Inc.

Zanobia #1-20

DST Test Number: 4

