



**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: 51270

DST#: 3

ATTN: Tim Priest

Test Start: 2013.01.19 @ 07:12:00

GENERAL INFORMATION:

Formation: **Altamont "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:23:15

Time Test Ended: 13:29:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4253.00 ft (KB) To 4300.00 ft (KB) (TVD)

Reference Elevations: 2889.00 ft (KB)

Total Depth: 4300.00 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 @ RunDepth: 12.06 psig @ 4254.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.19

End Date:

2013.01.19

Last Calib.:

2013.01.19

Start Time:

07:12:05

End Time:

13:28:59

Time On Btm:

2013.01.19 @ 09:23:00

Time Off Btm:

2013.01.19 @ 11:30:30

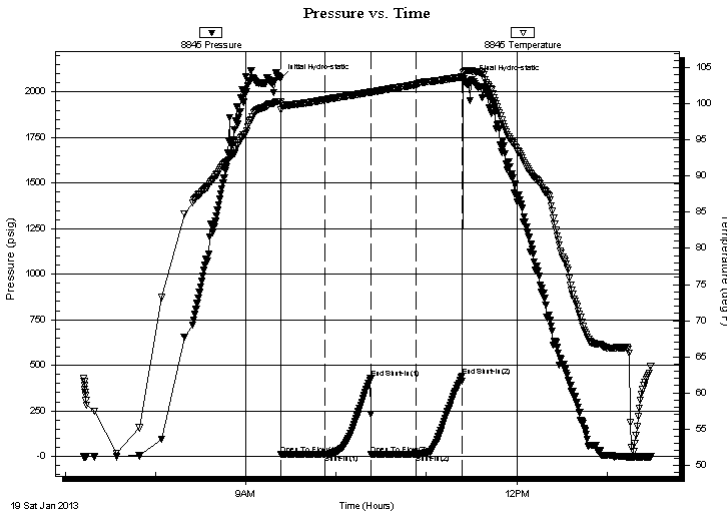
TEST COMMENT: IF: Weak surface blow died @ 6 min.

IS: No return.

FF: No blow.

FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2074.64	100.27	Initial Hydro-static
1	10.41	99.15	Open To Flow (1)
30	11.54	100.59	Shut-In(1)
60	427.16	101.65	End Shut-In(1)
61	11.40	101.58	Open To Flow (2)
90	12.06	102.68	Shut-In(2)
121	441.18	103.74	End Shut-In(2)
128	2068.28	104.56	Final Hydro-static

Recovery

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

Gas Rates

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

* Recovery from multiple tests



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ATTN: Tim Priest

Test Start: 2013.01.19 @ 07:12:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 4.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10500.00 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 #: 8845

Outside Shakespeare Oil Co. Inc.

Zanobia #1-20

DST Test Number: 3

