



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

27-16s-34w Scott, KS

202 W. Main St
Salem IL
62881

Stoll Comm 1-27

Job Ticket: 55510

DST#: 5

ATTN: Tim Priest

Test Start: 2013.10.03 @ 05:44:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:47:30

Time Test Ended: 14:17:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4670.00 ft (KB) To 4734.00 ft (KB) (TVD)

Total Depth: 4734.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3139.00 ft (KB)

3129.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8677 Inside

Press @ Run Depth: 82.60 psig @ 4671.00 ft (KB)

Start Date: 2013.10.03

End Date: 2013.10.03

Start Time: 05:44:05

End Time: 14:17:15

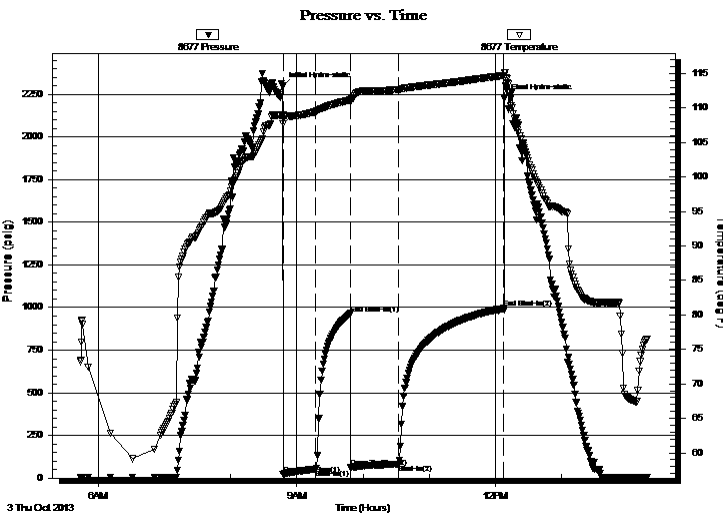
Capacity: 8000.00 psig

Last Calib.: 2013.10.03

Time On Btm: 2013.10.03 @ 08:47:15

Time Off Btm: 2013.10.03 @ 12:08:00

TEST COMMENT: IF: 2 1/2" blow.
IS: No return.
FF: 1 1/2" blow.
FS: Surface return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2297.28	109.01	Initial Hydro-static
1	21.04	107.68	Open To Flow (1)
30	53.72	109.47	Shut-In(1)
61	964.00	111.14	End Shut-In(1)
62	61.72	111.00	Open To Flow (2)
105	82.60	112.66	Shut-In(2)
201	995.86	114.70	End Shut-In(2)
201	2223.55	115.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
135.00	w cm 30w 70m (thick mud) oil spots	0.81

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. Inc

27-16s-34w Scott, KS

202 W. Main St
Salem IL
62881

Stoll Comm 1-27

Job Ticket: 55510

DST#: 5

ATTN: Tim Priest

Test Start: 2013.10.03 @ 05:44:00

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:

21000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
135.00	w cm 30w 70m (thick mud) oil spots	0.810

Total Length: 135.00 ft Total Volume: 0.810 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .315 @ 70f = 21,000ppm

Serial #: 8677

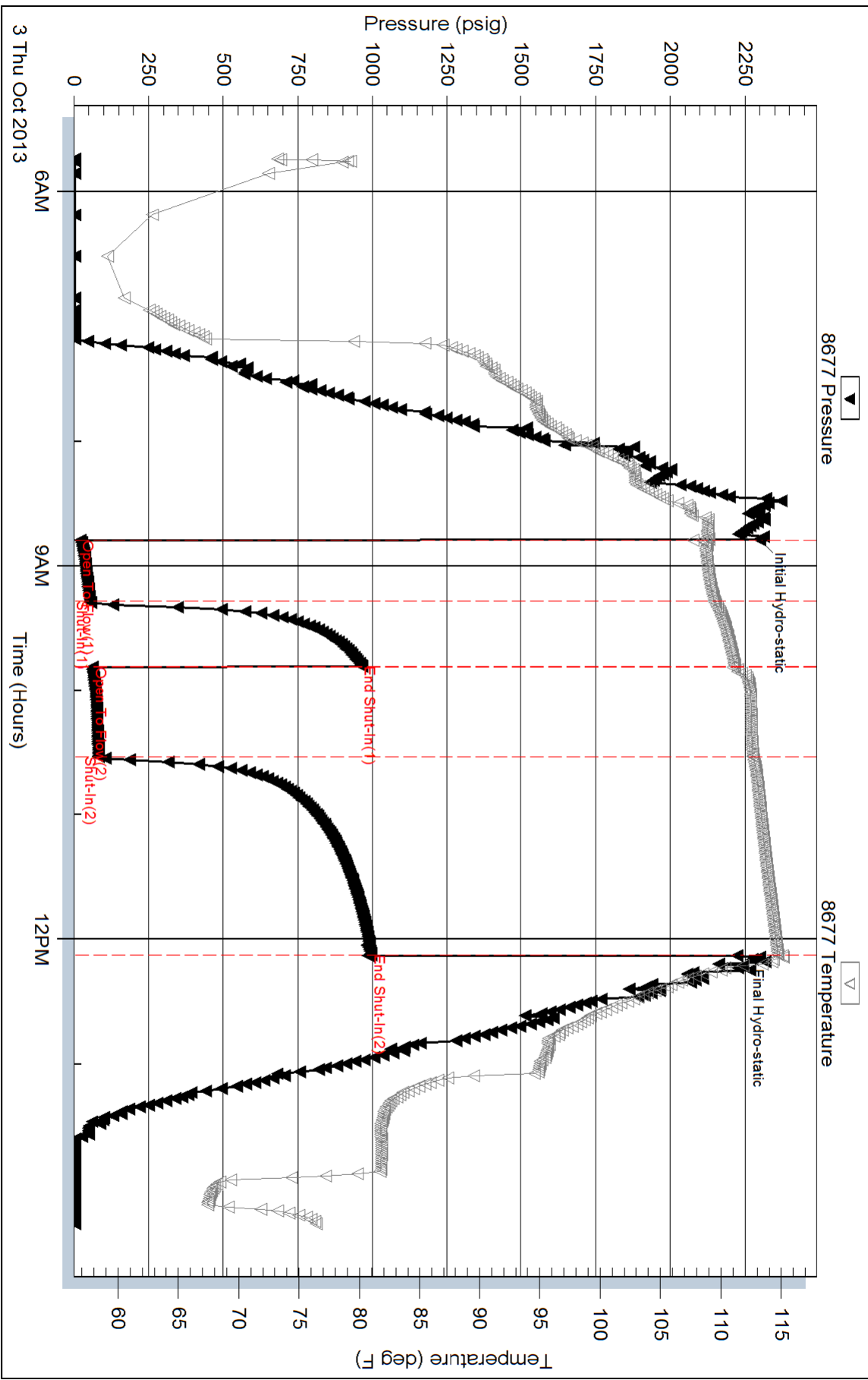
Inside

Shakespeare Oil Co. Inc

Stoll Comm 1-27

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 55510

Printed: 2013.10.03 @ 14:35:20