



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

28-17s-31w

202 W Main St.
Salem IL 62881

Habiger #1

ATTN: Pat Deenihan

Job Ticket: 48388

DST#: 3

Test Start: 2012.06.23 @ 12:45:00

GENERAL INFORMATION:

Formation: **Lansing I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:28:30

Time Test Ended: 18:16:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 48

Interval: 4148.00 ft (KB) To 4180.00 ft (KB) (TVD)

Reference Elevations: 2947.00 ft (KB)

Total Depth: 4180.00 ft (KB) (TVD)

2942.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8736 Inside

Press @ Run Depth: 68.31 psig @ 4149.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.23 End Date: 2012.06.23

Last Calib.: 2012.06.24

Start Time: 12:45:15 End Time: 18:16:45

Time On Btm: 2012.06.23 @ 14:28:15

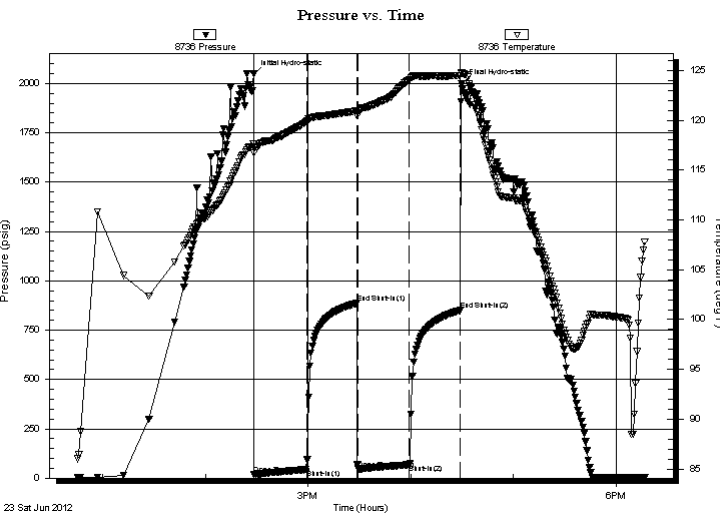
Time Off Btm: 2012.06.23 @ 16:29:45

TEST COMMENT: IF: Built to weak surface blow

IS: No return blow

FF: No blow

FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2046.95	117.66	Initial Hydro-static
1	19.08	116.73	Open To Flow (1)
31	43.80	119.88	Shut-In(1)
61	886.09	120.94	End Shut-In(1)
61	46.81	120.77	Open To Flow (2)
91	68.31	124.07	Shut-In(2)
121	850.84	124.51	End Shut-In(2)
122	1997.82	124.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	mud with oil spots	0.34

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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28-17s-31w

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Habiger #1

Job Ticket: 48388

DST#: 3

ATTN: Pat Deenihan

Test Start: 2012.06.23 @ 12:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	mud w ith oil spots	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

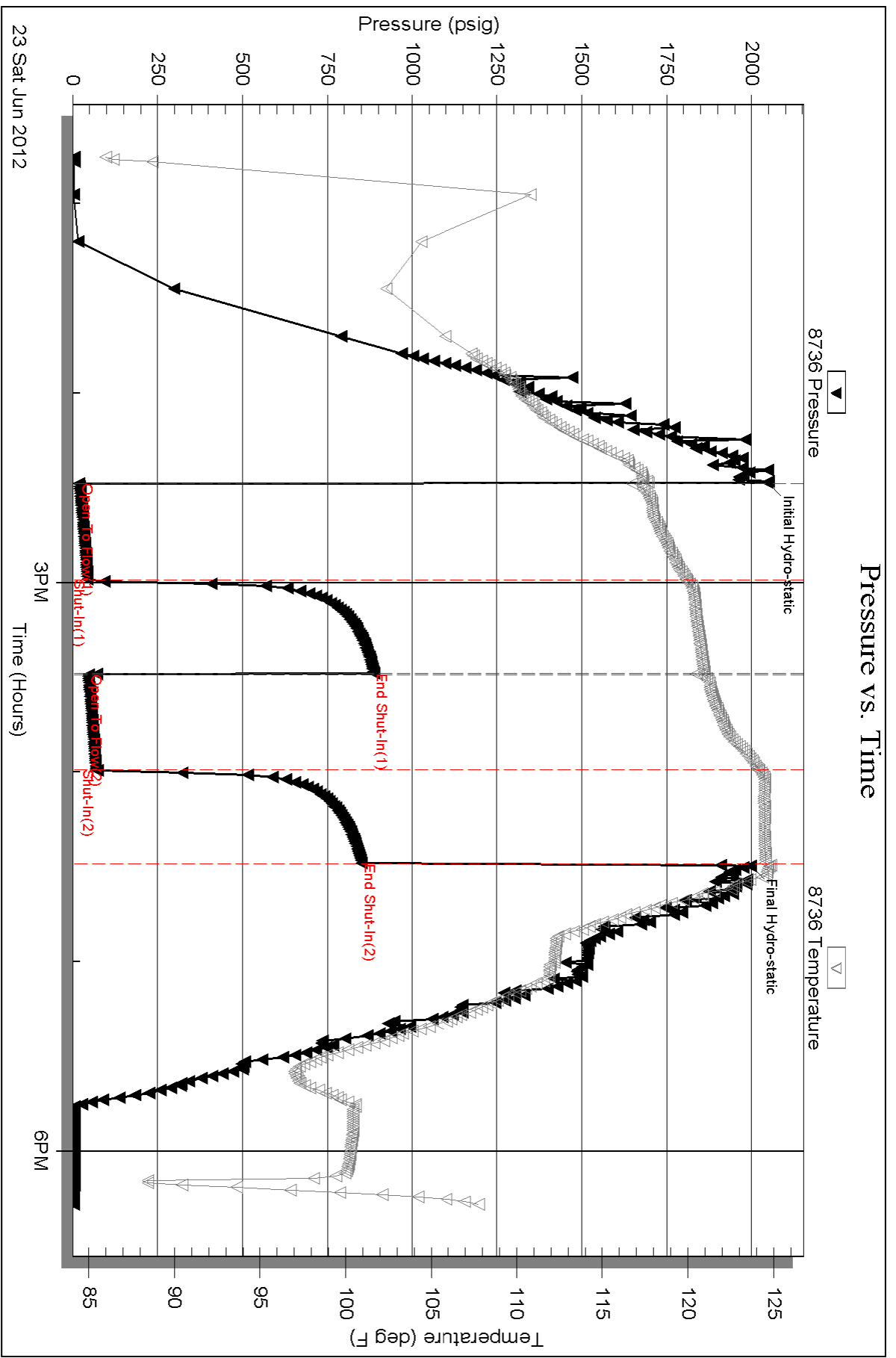
Serial #: 8736

Inside

Shakespeare Oil Co., Inc.

Habiger #1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 48388

Printed: 2012.06.24 @ 23:35:21

Serial #: 6668

Outside Shakespeare Oil Co., Inc.

Habiger #1

DST Test Number: 3

