



**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: 48390

DST#: 5

Test Start: 2012.06.25 @ 15:21:15

GENERAL INFORMATION:

Formation: "K"
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 17:22:30
 Tester: Mike Roberts
 Time Test Ended: 21:50:15
 Unit No: 48
 Interval: **4200.00 ft (KB) To 4250.00 ft (KB) (TVD)**
 Reference Elevations: 2947.00 ft (KB)
 Total Depth: 4250.00 ft (KB) (TVD)
 2942.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Poor
 KB to GR/CF: 5.00 ft

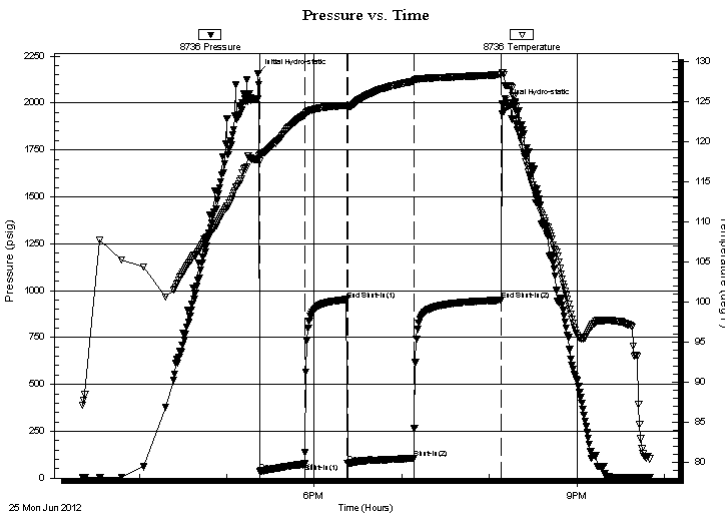
Serial #: 8736

Inside

Press @ Run Depth: 106.44 psig @ 4202.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.06.25 End Date: 2012.06.25 Last Calib.: 2012.06.25
 Start Time: 15:21:15 End Time: 21:50:15 Time On Btm: 2012.06.25 @ 17:21:30
 Time Off Btm: 2012.06.25 @ 20:08:45

TEST COMMENT: IF: Built to 1 1/2" blow
 IS: No return blow
 FF: Built to 1" blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2158.58	117.84	Initial Hydro-static
1	36.35	117.58	Open To Flow (1)
32	76.68	123.36	Shut-In(1)
61	952.47	124.56	End Shut-In(1)
62	79.47	124.31	Open To Flow (2)
107	106.44	127.57	Shut-In(2)
167	949.09	128.37	End Shut-In(2)
168	1996.06	128.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
154.00	mud w ith oil spots	1.03

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 48390

DST#: 5

ATTN: Pat Deenihan

Test Start: 2012.06.25 @ 15:21:15

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:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
154.00	mud w ith oil spots	1.031

Total Length: 154.00 ft

Total Volume: 1.031 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

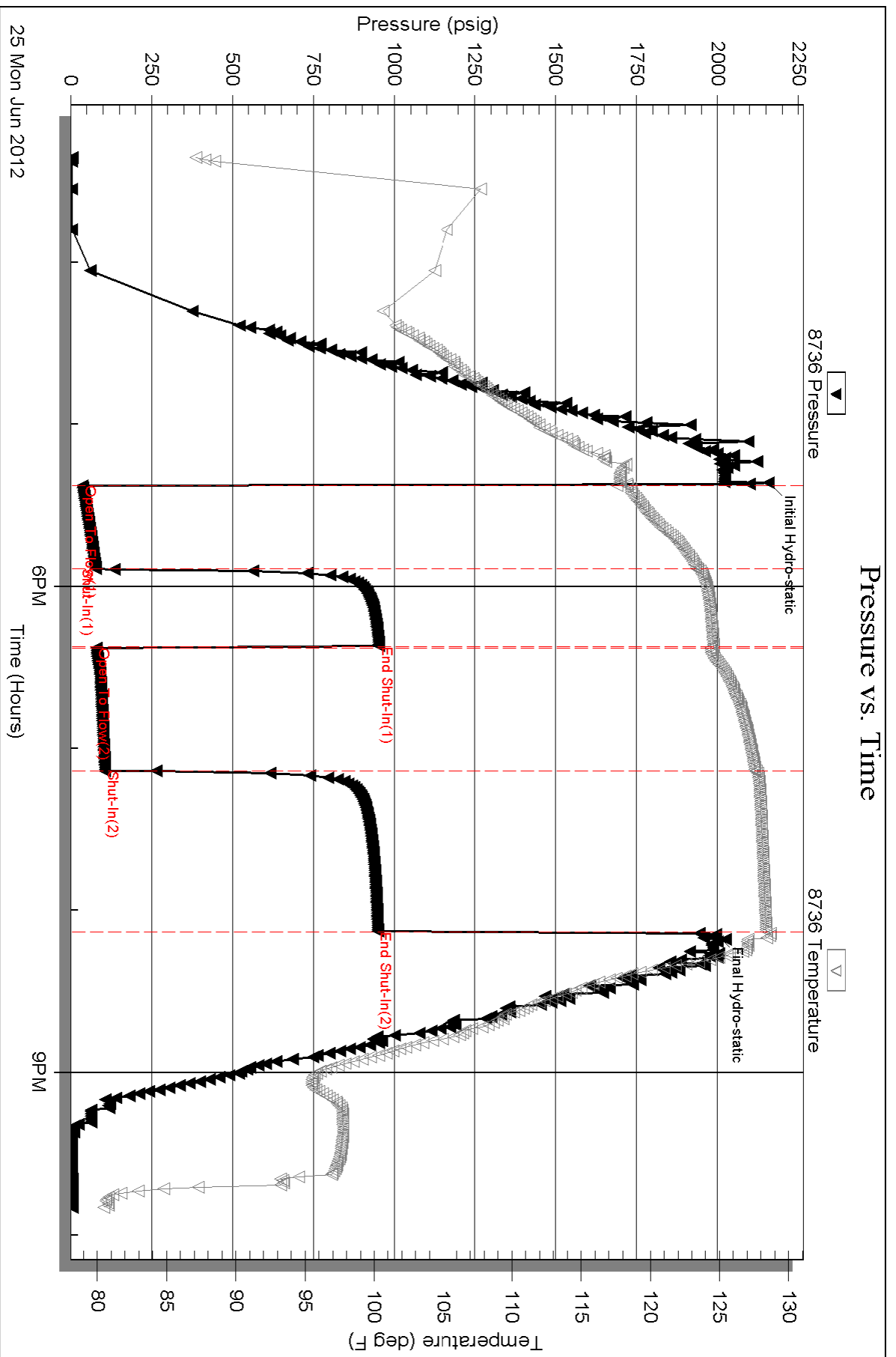
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Shakespeare Oil Co., Inc.

Habiger #1

DST Test Number: 5

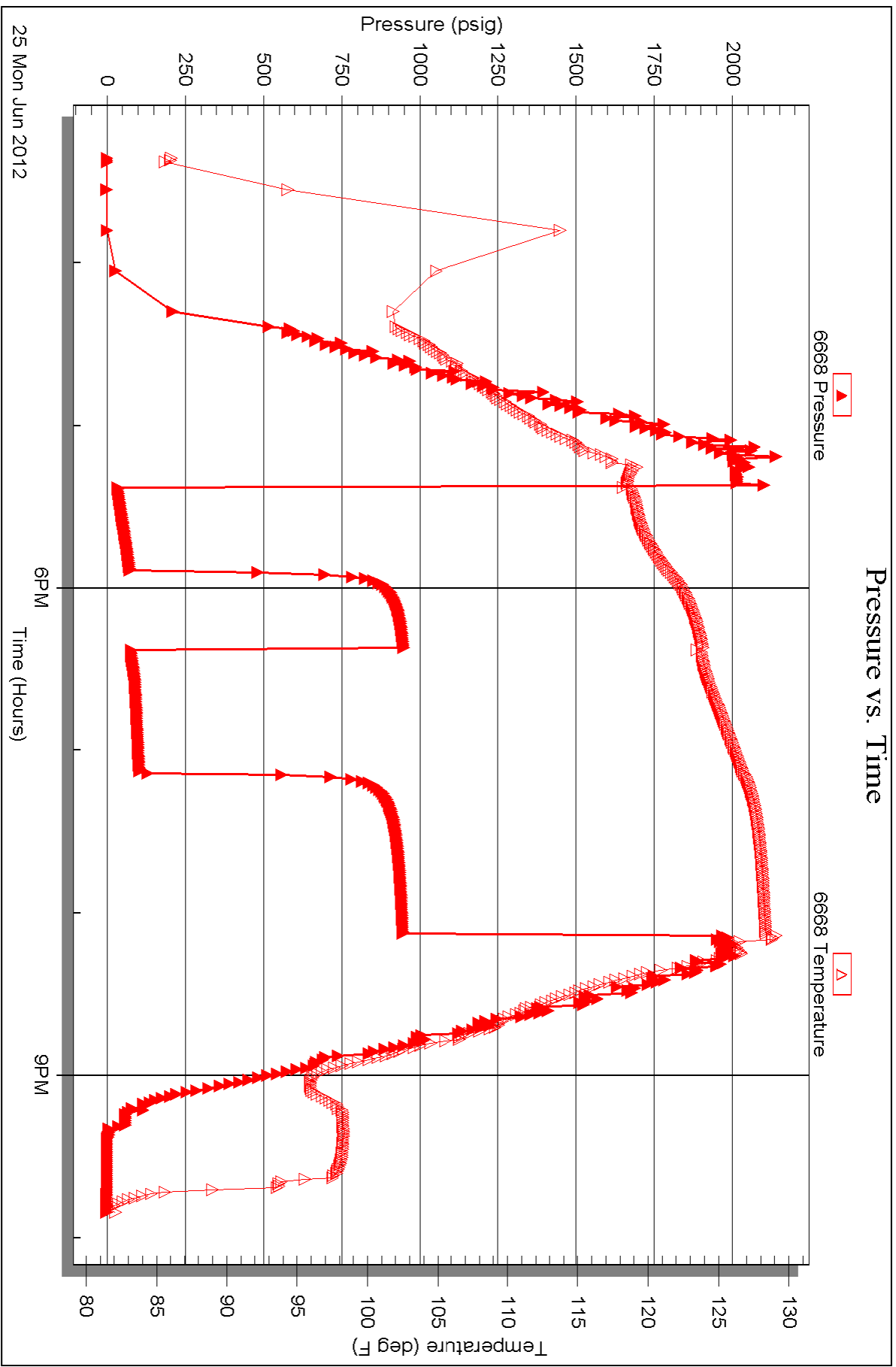


Serial #: 6668

Outside Shakespeare Oil Co., Inc.

Habiger #1

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 48390

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