



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

14-14s-32w Logan,KS

202 W Main St
Salem, IL 62881

K Ottley #1-14

Job Ticket: 48256

DST#: 1

ATTN: Steve Davis

Test Start: 2012.06.01 @ 15:56:09

GENERAL INFORMATION:

Formation: **B**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 18:07:54
 Time Test Ended: 22:00:54
 Interval: **3846.00 ft (KB) To 3870.00 ft (KB) (TVD)**
 Total Depth: 3870.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2824.00 ft (KB)
 2819.00 ft (CF)
 KB to GR/CF: 5.00 ft

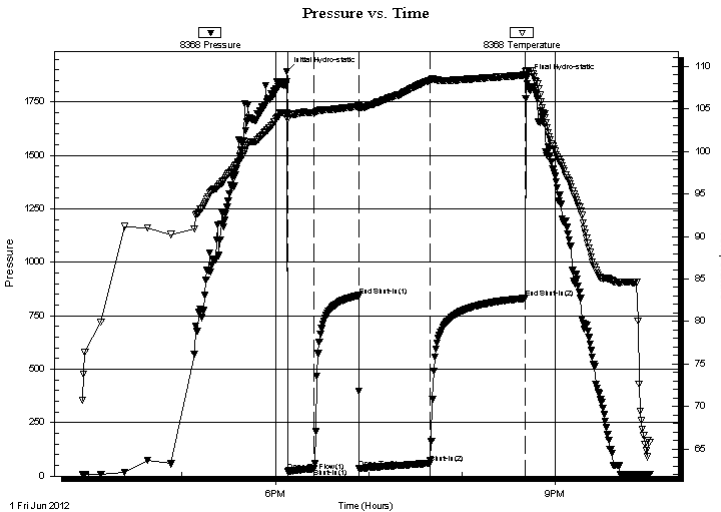
Serial #: 8368

Inside

Press @ Run Depth: 60.39 psig @ 3847.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.06.01 End Date: 2012.06.01 Last Calib.: 2012.06.01
 Start Time: 15:56:09 End Time: 22:00:54 Time On Btm: 2012.06.01 @ 18:07:24
 Time Off Btm: 2012.06.01 @ 20:41:24

TEST COMMENT: Weak 1/4" blow
 No return
 Surface blow in 9 min
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1893.59	104.52	Initial Hydro-static
1	23.11	103.72	Open To Flow (1)
18	34.73	104.57	Shut-In(1)
46	844.81	105.33	End Shut-In(1)
47	35.80	105.06	Open To Flow (2)
92	60.39	108.37	Shut-In(2)
153	831.86	108.98	End Shut-In(2)
154	1861.31	109.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	w c m 50%w 50%m	0.32

Gas Rates

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



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FLUID SUMMARY

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DST#: 1

ATTN: Steve Davis

Test Start: 2012.06.01 @ 15:56:09

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:

29500 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.56 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	w c m 50%w 50%m	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .247 @ 65*f = 29,500

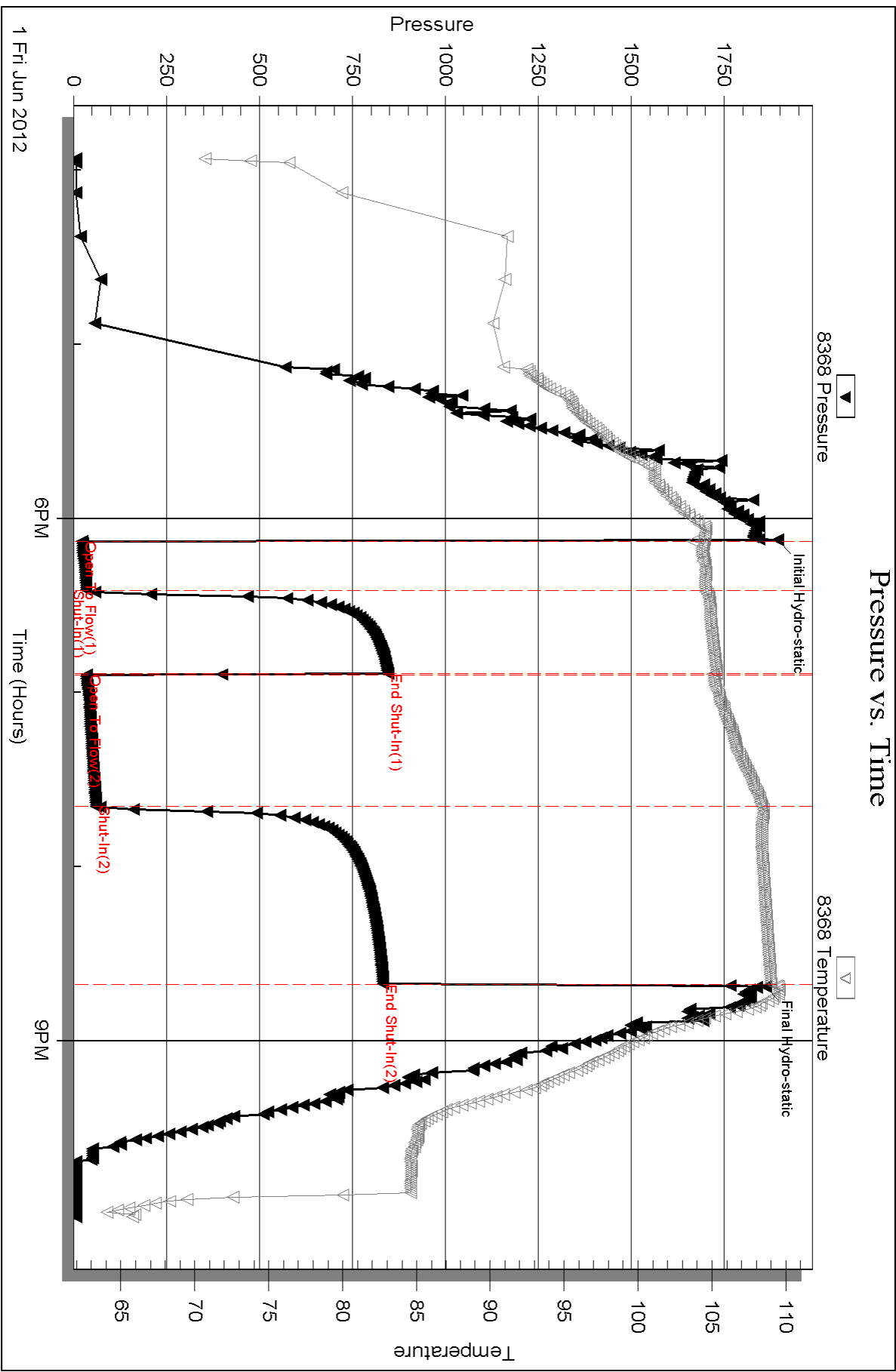
Serial #: 8368

Inside

Shakespeare Oil Co Inc

K Otley #1-14

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 48256

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