



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**15-14-32 Logan, Ks**

202 w main st.  
Salem, IL 62881

**Ottley 9-15**

Job Ticket: 59012

**DST#: 3**

ATTN: Tim Priest

Test Start: 2014.07.27 @ 14:31:01

## GENERAL INFORMATION:

Formation: **C&D Zone**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:47:01  
 Time Test Ended: 21:25:01  
 Interval: **3795.00 ft (KB) To 3840.00 ft (KB) (TVD)**  
 Total Depth: 3840.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brandon Turley  
 Unit No: 60  
 Reference Elevations: 2762.00 ft (KB)  
 2755.00 ft (CF)  
 KB to GR/CF: 7.00 ft

## Serial #: 8373

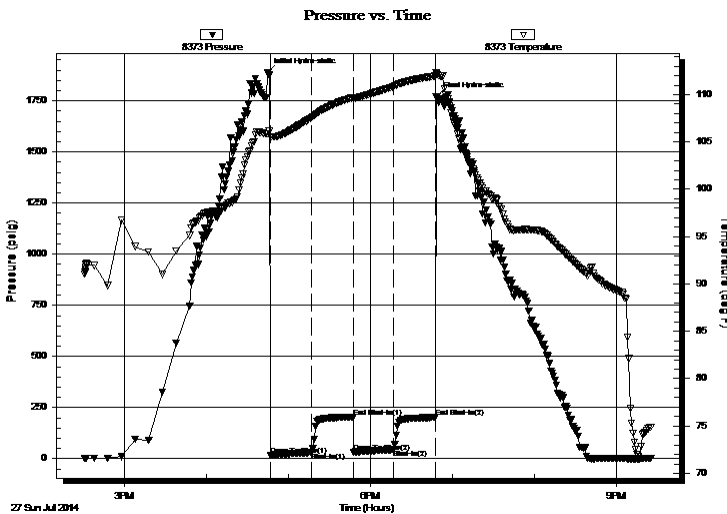
Inside

Press @ Run Depth: 44.94 psig @ 3800.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.07.27 End Date: 2014.07.27 Last Calib.: 2014.07.27  
 Start Time: 14:31:06 End Time: 21:25:00 Time On Btm: 2014.07.27 @ 16:45:01  
 Time Off Btm: 2014.07.27 @ 18:48:31

TEST COMMENT: IF: Surface blow died in 8 min.  
 IS: No return.  
 FF: No blow.  
 FS: No return.

## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1889.00	105.86	Initial Hydro-static
2	17.84	105.56	Open To Flow (1)
32	30.89	107.56	Shut-In(1)
63	204.03	109.69	End Shut-In(1)
63	32.81	109.60	Open To Flow (2)
92	44.94	110.85	Shut-In(2)
123	201.98	111.95	End Shut-In(2)
124	1771.49	112.16	Final Hydro-static



## Recovery

Length (ft)	Description	Volume (bbl)
60.00	w cm 10%w 90%m	0.30

## Gas Rates

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

\* Recovery from multiple tests



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**FLUID SUMMARY**

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ATTN: Tim Priest

Test Start: 2014.07.27 @ 14:31:01

## 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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5500.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	w cm 10%w 90%m	0.295

Total Length: 60.00 ft      Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

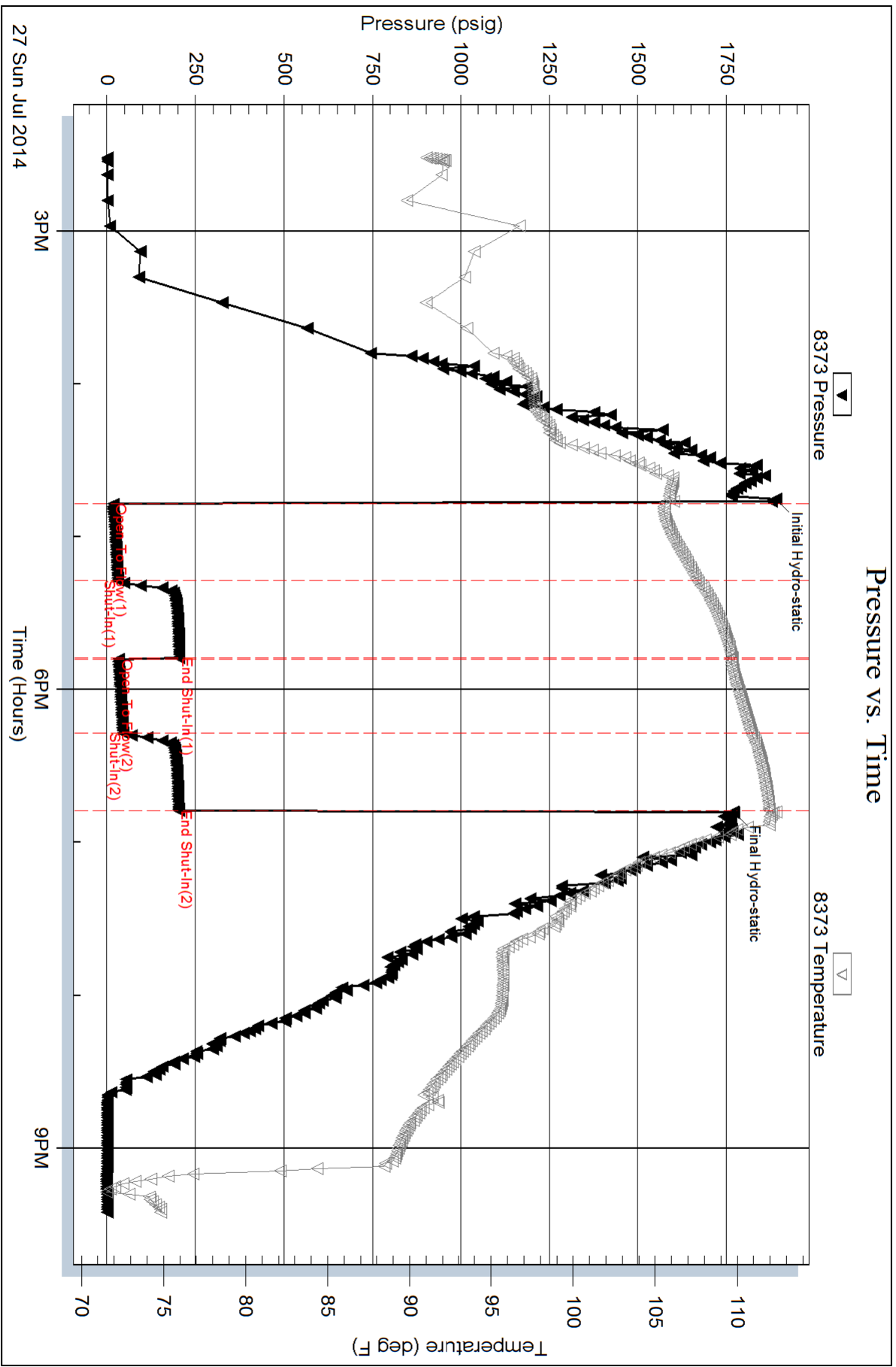
Serial #: 8373

Inside

Shakespeare Oil Co. Inc

Ottley 9-15

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59012

Printed: 2014.07.27 @ 23:07:03