



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Inc.

**32-17-33 Scott Co. KS**

202 W. Main St  
Salem II.  
62881  
ATTN: Tim Priest

**B4US 1-32**

Job Ticket: 56448

**DST#: 1**

Test Start: 2014.05.06 @ 14:19:15

## GENERAL INFORMATION:

Formation: **Pleasanton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:04:30

Time Test Ended: 23:09:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

**Interval: 4403.00 ft (KB) To 4441.00 ft (KB) (TVD)**

Reference Elevations: 3066.00 ft (KB)

Total Depth: 4441.00 ft (KB) (TVD)

3056.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8846 Inside**

Press@RunDepth: 548.35 psig @ 4436.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.06

End Date:

2014.05.06

Last Calib.:

2014.05.06

Start Time: 14:19:15

End Time:

23:09:45

Time On Btm:

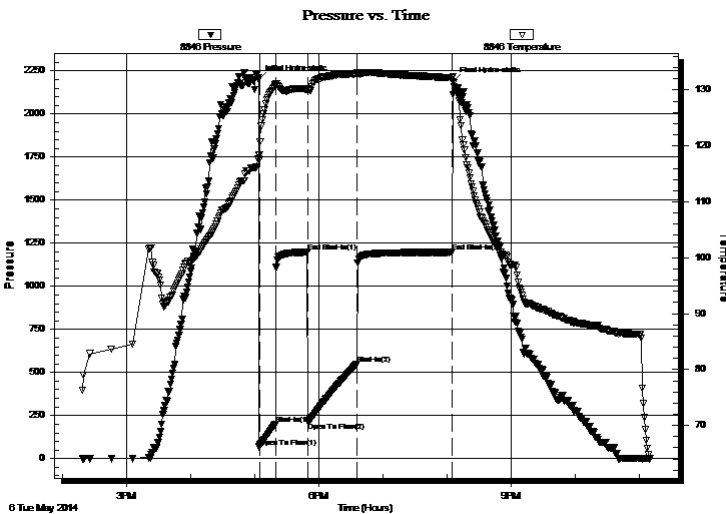
2014.05.06 @ 17:04:00

Time Off Btm:

2014.05.06 @ 20:05:30

**TEST COMMENT:** IF:BOB in 6 min.  
IS:No return blow  
FF:BOB in 6 min.  
FS: Built to weak surface blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.53	118.36	Initial Hydro-static
1	67.43	118.38	Open To Flow (1)
16	200.73	130.86	Shut-In(1)
46	1198.15	130.18	End Shut-In(1)
46	214.02	129.96	Open To Flow (2)
92	548.35	132.91	Shut-In(2)
181	1197.86	132.15	End Shut-In(2)
182	2188.02	132.42	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
123.00	sw 100% sw	0.60
392.00	mcw 10%m 90%w	4.99
186.00	gmw o 5%g 10%m 20%w 65%o	2.61
124.00	gw om 5%g 20%w 25%o 50%m	1.74
310.00	mw gco 10%w 10%m 20%g 60%o	4.35
186.00	mcgo 10%m 20%g 70%o	2.61

## Gas Rates

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



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## FLUID SUMMARY

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Job Ticket: 56448

**DST#: 1**

ATTN: Tim Priest

Test Start: 2014.05.06 @ 14:19:15

### 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:

20000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.94 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
123.00	sw 100% sw	0.605
392.00	mcw 10%m 90%w	4.989
186.00	gmw o 5%g 10%m 20%w 65%o	2.609
124.00	gw om 5%g 20%w 25%o 50%m	1.739
310.00	mw gco 10%w 10%m 20%g 60%o	4.348
186.00	mcgo 10%m 20%g 70%o	2.609

Total Length: 1321.00 ft      Total Volume: 16.899 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .383@66.9\*= 20,000 ppm

API= under 19 w ont register on guage (THICK)

Serial #: 8846

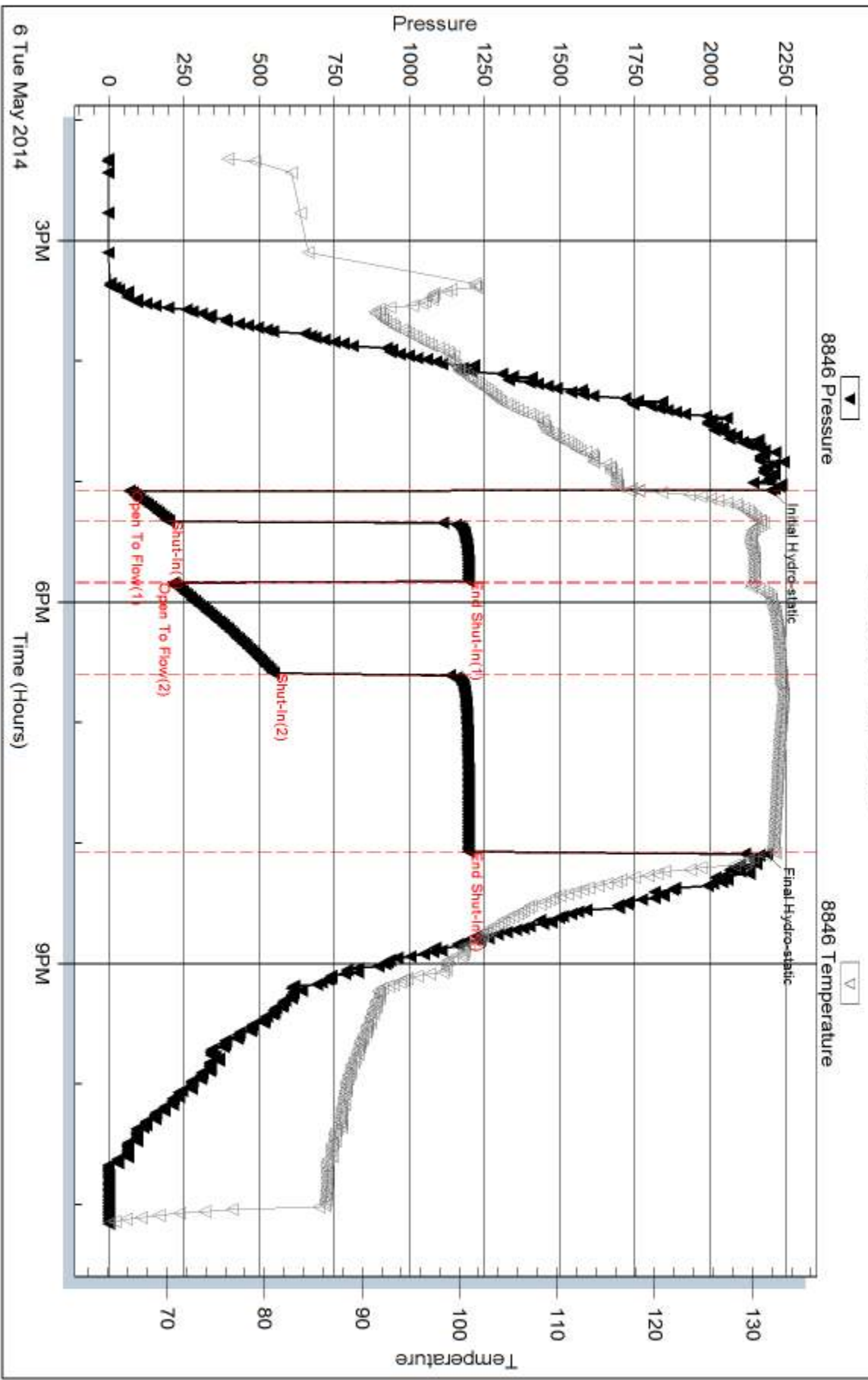
Inside

Shakespeare Oil Inc.

B4US 1-32

DST Test Number: 1

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 56448

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