



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

**8-6S-38W Sherman, KS**

202 W Main St.  
Salem, IL 62881

**Beims #1-8**

Job Ticket: 65240

**DST#: 3**

ATTN: Tim Priest

Test Start: 2015.11.20 @ 07:15:00

## GENERAL INFORMATION:

Formation: **Altamont "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:08:30

Time Test Ended: 14:17:00

Test Type: Conventional Straddle (Initial)

Tester: Kevin Mack

Unit No: 82

**Interval: 4701.00 ft (KB) To 4734.00 ft (KB) (TVD)**

Total Depth: 5170.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3539.00 ft (KB)

3529.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8653 Outside**

Press@RunDepth: 834.94 psig @ 4702.00 ft (KB)

Start Date: 2015.11.20

End Date: 2015.11.20

Start Time: 07:16:00

End Time: 14:17:00

Capacity: 8000.00 psig

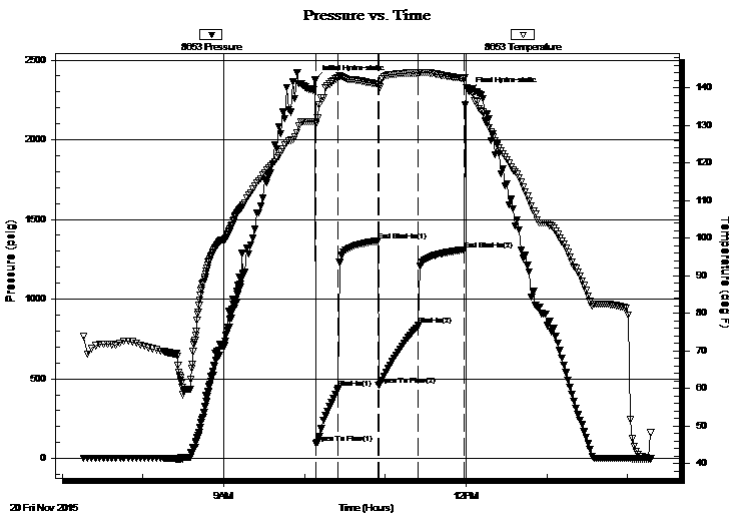
Last Calib.: 2015.11.20

Time On Btm: 2015.11.20 @ 10:08:00

Time Off Btm: 2015.11.20 @ 12:02:00

**TEST COMMENT:** 15 - IF- BoB in 1 1/2 min.  
30 - IS- No Return  
30 - FF- BoB in 2 1/2 min.  
30 - FS- No Return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2375.13	131.15	Initial Hydro-static
1	92.94	130.39	Open To Flow (1)
17	439.33	142.87	Shut-In(1)
47	1364.83	140.96	End Shut-In(1)
47	461.66	140.46	Open To Flow (2)
77	834.94	144.02	Shut-In(2)
111	1310.53	142.52	End Shut-In(2)
114	2302.65	139.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
819.00	MW 5M 95W	11.49
315.00	MW 30M 70W	4.42
378.00	WM 40W 60M	5.30
330.00	MW 15W 85M	4.63

## Gas Rates

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





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## FLUID SUMMARY

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**Beims #1-8**

Job Ticket: 65240

**DST#: 3**

ATTN: Tim Priest

Test Start: 2015.11.20 @ 07:15:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

23000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
819.00	MW 5M 95W	11.488
315.00	MW 30M 70W	4.419
378.00	WM 40W 60M	5.302
330.00	MW 15W 85M	4.629

Total Length: 1842.00 ft      Total Volume: 25.838 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

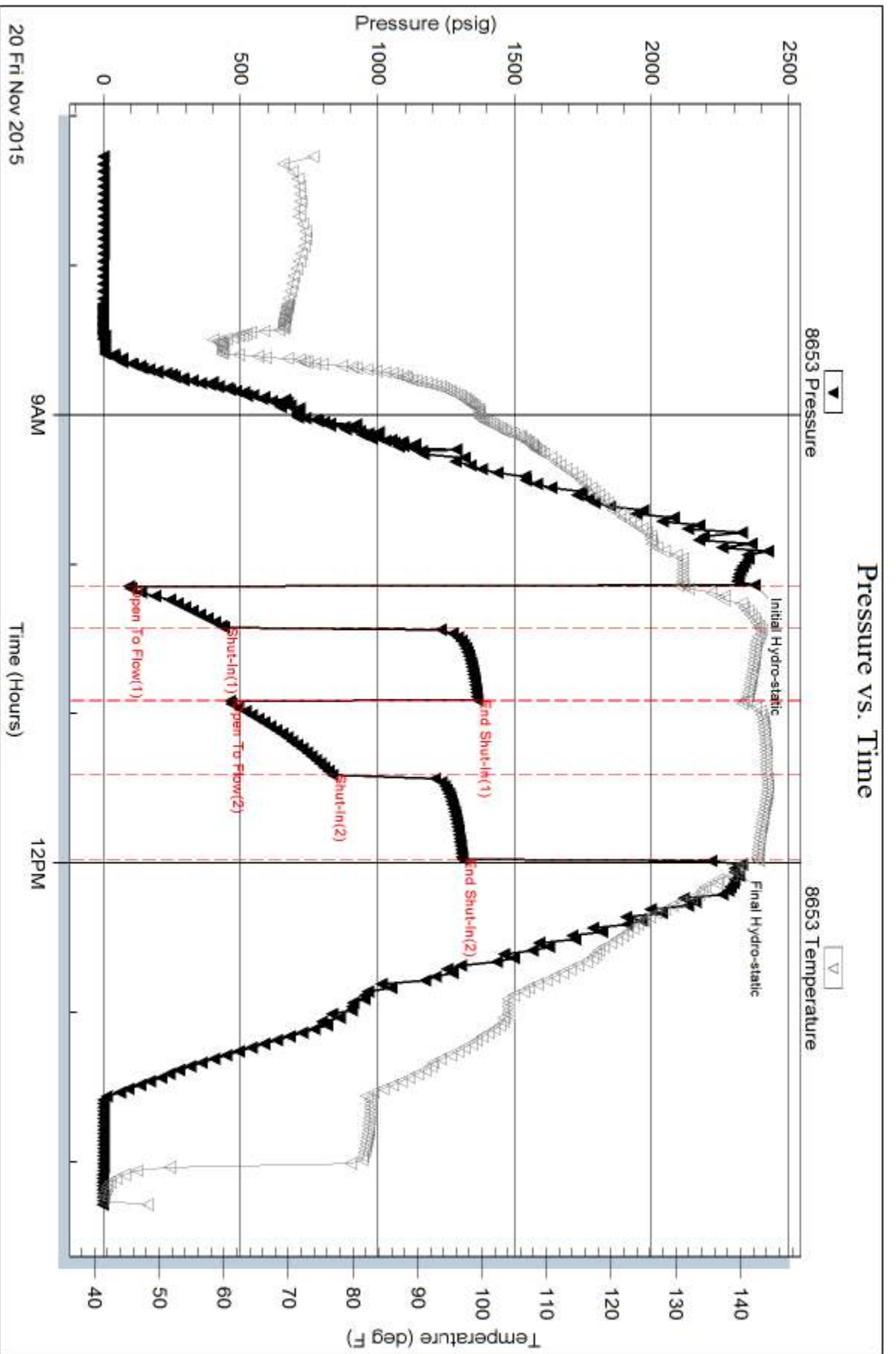
Recovery Comments: RW = .39 @ 54 DEG = 23,000PPM

Serial #: 8653

Outside Shakespeare Oil Co., Inc.

Beins #1-8

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 65240

Printed: 2015.11.20 @ 17:10:55

