



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

S30-16s-34w Scott,KS

202 W Main
Salem, IL 62881

Bohnenblust #1-30

Job Ticket: 61561

DST#: 3

ATTN: Tim Priest

Test Start: 2015.02.04 @ 07:22:00

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:59:50

Time Test Ended: 14:07:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: 4597.00 ft (KB) To 4625.00 ft (KB) (TVD)

Total Depth: 4625.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3170.00 ft (KB)

3162.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8357

Inside

Press@RunDepth: 16.56 psig @ 4601.00 ft (KB)

Start Date: 2015.02.04

End Date:

2015.02.04

Start Time: 07:22:02

End Time:

14:07:20

Capacity: 8000.00 psig

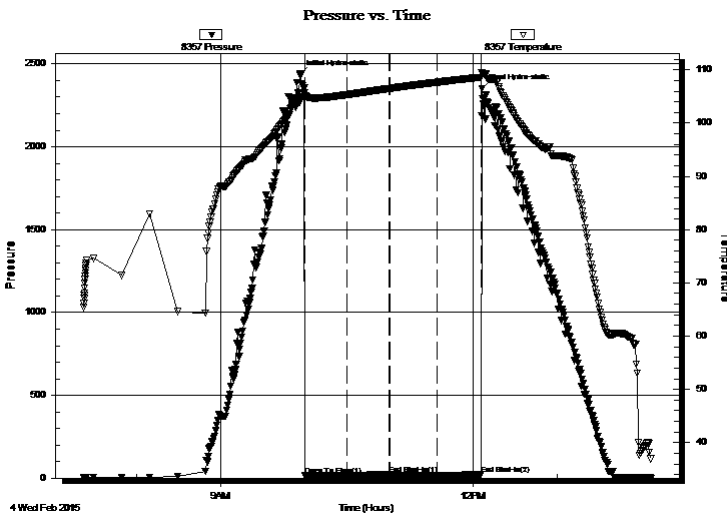
Last Calib.: 2015.02.04

Time On Btm: 2015.02.04 @ 09:56:40

Time Off Btm: 2015.02.04 @ 12:06:39

TEST COMMENT: 30- Weak surface blow .
30- No return.
30- No blow .
30- No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2436.39	104.26	Initial Hydro-static
4	16.38	104.84	Open To Flow (1)
34	16.40	105.32	Shut-In(1)
64	23.46	106.50	End Shut-In(1)
64	14.57	106.51	Open To Flow (2)
98	16.56	107.68	Shut-In(2)
129	22.13	108.62	End Shut-In(2)
130	2350.47	109.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	M 100m	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2015.02.04 @ 07:22:00

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:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	M 100m	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

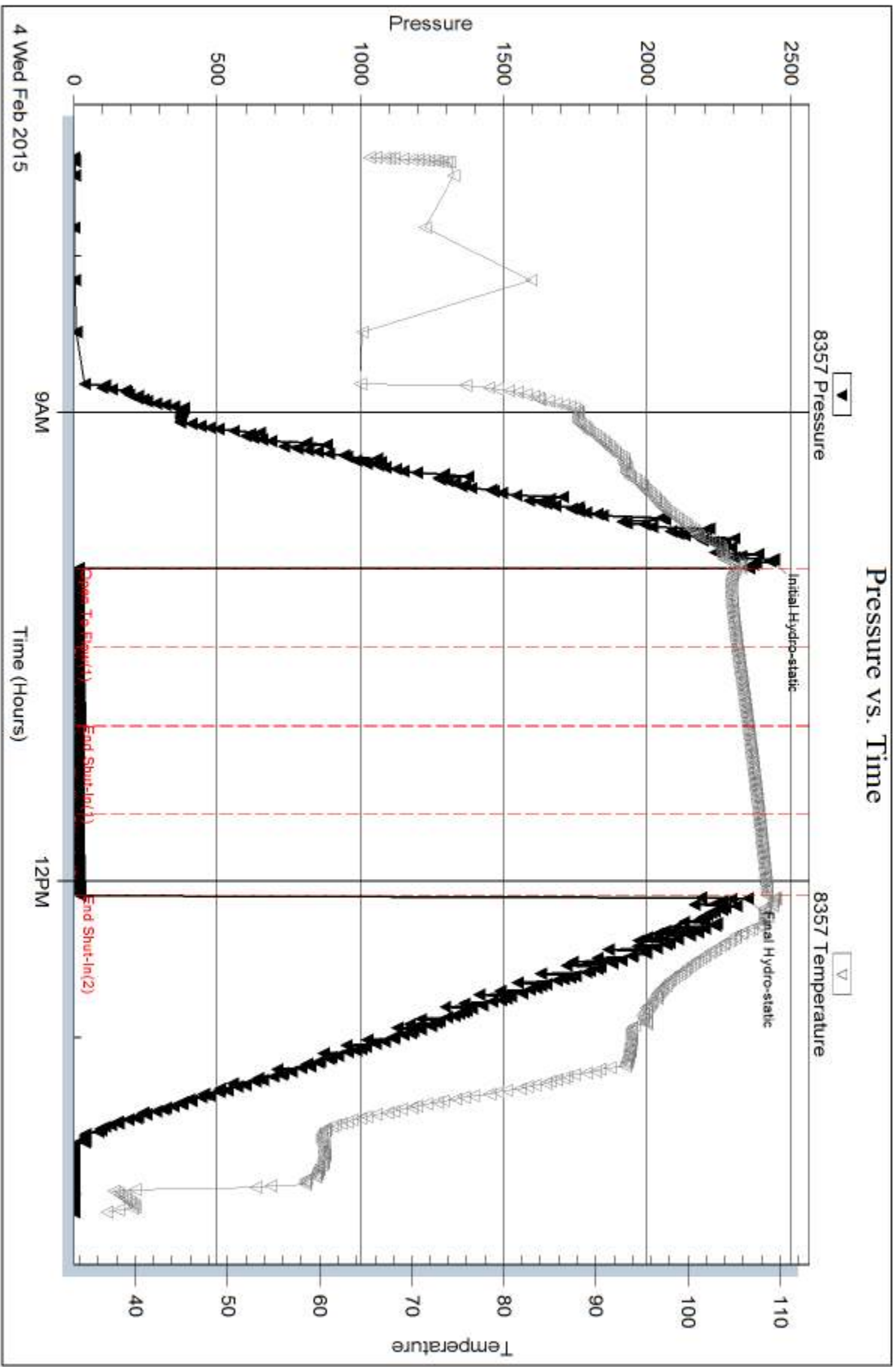
Serial #: 8357

Inside

Shakespeare Oil Co. Inc.

Bohnenblust #1-30

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 61561

Printed: 2015.02.04 @ 14:24:56