



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

12-16s-31w Scott Co.

202 W Main St
Salem, IL 62881

York #1-12

Job Ticket: 56361

DST#: 1

ATTN: Tim Priest

Test Start: 2014.03.06 @ 12:02:00

GENERAL INFORMATION:

Formation: " H & I "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:04:15

Time Test Ended: 19:29:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Samuel Esparza

Unit No: 71

Interval: 4089.00 ft (KB) To 4157.00 ft (KB) (TVD)

Total Depth: 4157.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2848.00 ft (KB)

2838.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8845

Inside

Press @ Run Depth: 21.01 psig @ 4090.00 ft (KB)

Start Date: 2014.03.06

End Date: 2014.03.06

Start Time: 12:02:05

End Time: 19:29:14

Capacity: 8000.00 psig

Last Calib.: 2014.03.06

Time On Btm: 2014.03.06 @ 14:04:00

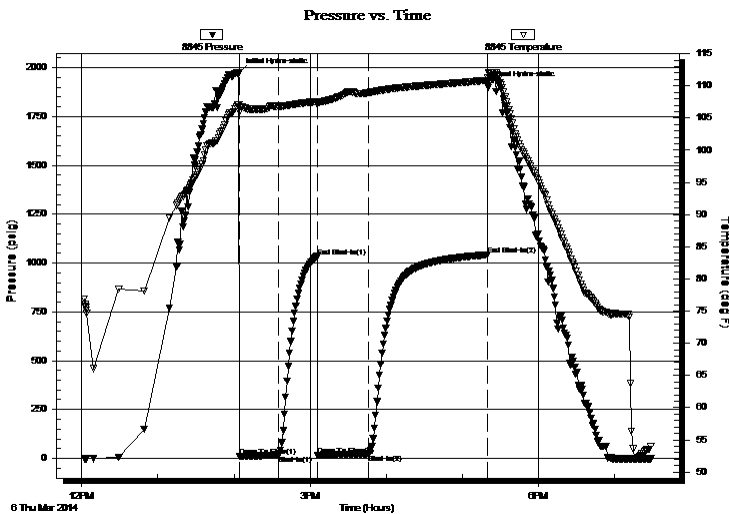
Time Off Btm: 2014.03.06 @ 17:20:15

TEST COMMENT: IF: 3/4"

IS: No Return.

FF: 1/4" Blow.

FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1972.82	107.09	Initial Hydro-static
1	10.39	105.94	Open To Flow (1)
31	14.47	106.87	Shut-In(1)
62	1033.33	107.58	End Shut-In(1)
62	16.44	107.05	Open To Flow (2)
102	21.01	108.94	Shut-In(2)
196	1042.49	110.86	End Shut-In(2)
197	1907.10	111.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (Oil Spots)	0.02

Gas Rates

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



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2838.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press @ Run Depth: psig @ 4090.00 ft (KB)

Start Date: 2014.03.06

Start Time: 12:02:05

End Date: 2014.03.06

End Time: 19:29:29

Capacity: 8000.00 psig

Last Calib.: 2014.03.06

Time On Btm:

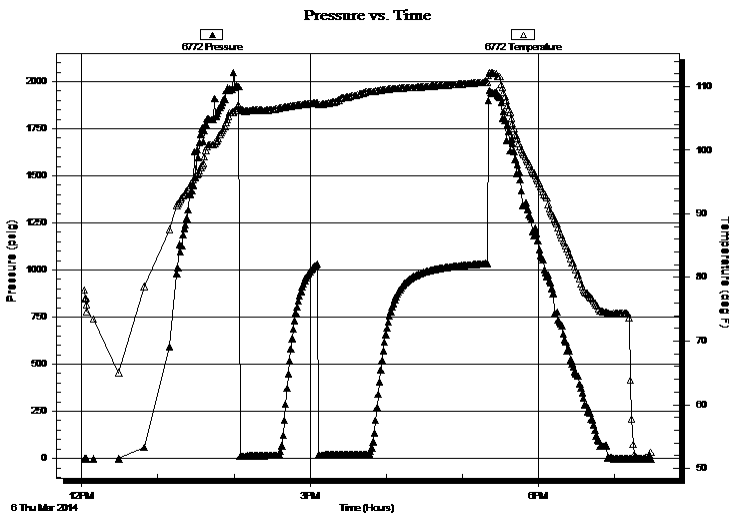
Time Off Btm:

TEST COMMENT: IF: 3/4"

IS: No Return.

FF: 1/4" Blow .

FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (Oil Spots)	0.02

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co., Inc.

12-16s-31w Scott Co.

202 W Main St
Salem, IL 62881

York #1-12

Job Ticket: 56361

DST#: 1

ATTN: Tim Priest

Test Start: 2014.03.06 @ 12:02:00

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: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m (Oil Spots)	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

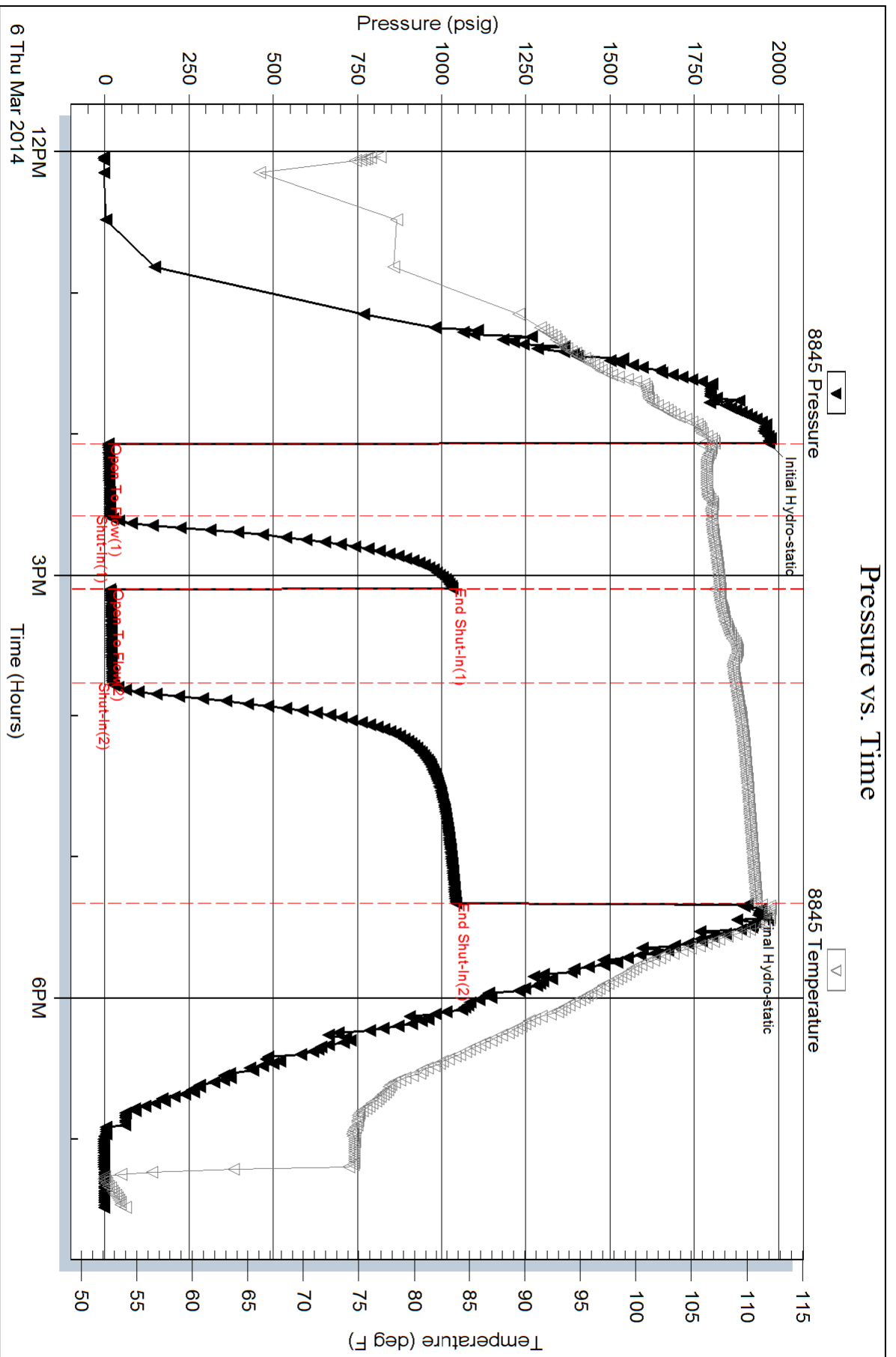
Serial #: 8845

Inside

Shakespeare Oil Co., Inc.

York #1-12

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 56361

Printed: 2014.03.06 @ 22:49:56

Serial #: 6772

Outside Shakespeare Oil Co., Inc.

York #1-12

DST Test Number: 1

