



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Company

11-13s-32w Logan Co, KS

202 West Main ST
Salem IL, 62881

Teeter #2-11

Job Ticket: 54584

DST#: 2

ATTN: Tim Priest

Test Start: 2013.12.07 @ 01:50:00

GENERAL INFORMATION:

Formation: **Johnson Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:42:15

Time Test Ended: 12:01:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4566.00 ft (KB) To 4599.00 ft (KB) (TVD)

Reference Elevations: 2993.00 ft (KB)

Total Depth: 4599.00 ft (KB) (TVD)

2983.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 38.17 psig @ 4571.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.07 End Date: 2013.12.07

Last Calib.: 2013.12.07

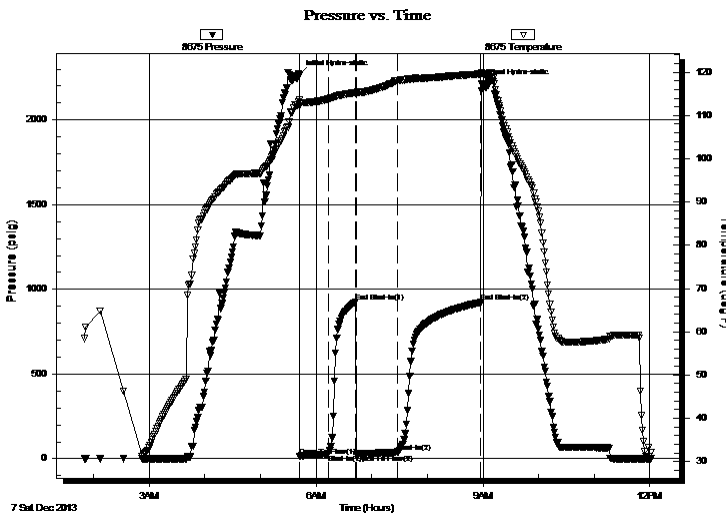
Start Time: 01:50:15 End Time: 12:01:30

Time On Btm: 2013.12.07 @ 05:42:00

Time Off Btm: 2013.12.07 @ 08:58:45

TEST COMMENT: Built to 2" blow
No return blow
Built to 3/4" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2265.06	113.57	Initial Hydro-static
1	15.68	112.13	Open To Flow (1)
31	26.93	113.79	Shut-In(1)
61	925.27	115.30	End Shut-In(1)
61	28.71	114.80	Open To Flow (2)
106	38.17	118.11	Shut-In(2)
196	922.81	119.59	End Shut-In(2)
197	2216.10	119.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	100%Mud with oil spots	0.25

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Teeter #2-11

Job Ticket: 54584

DST#: 2

ATTN: Tim Priest

Test Start: 2013.12.07 @ 01:50:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	100%Mud w ith oil spots	0.246

Total Length: 50.00 ft Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

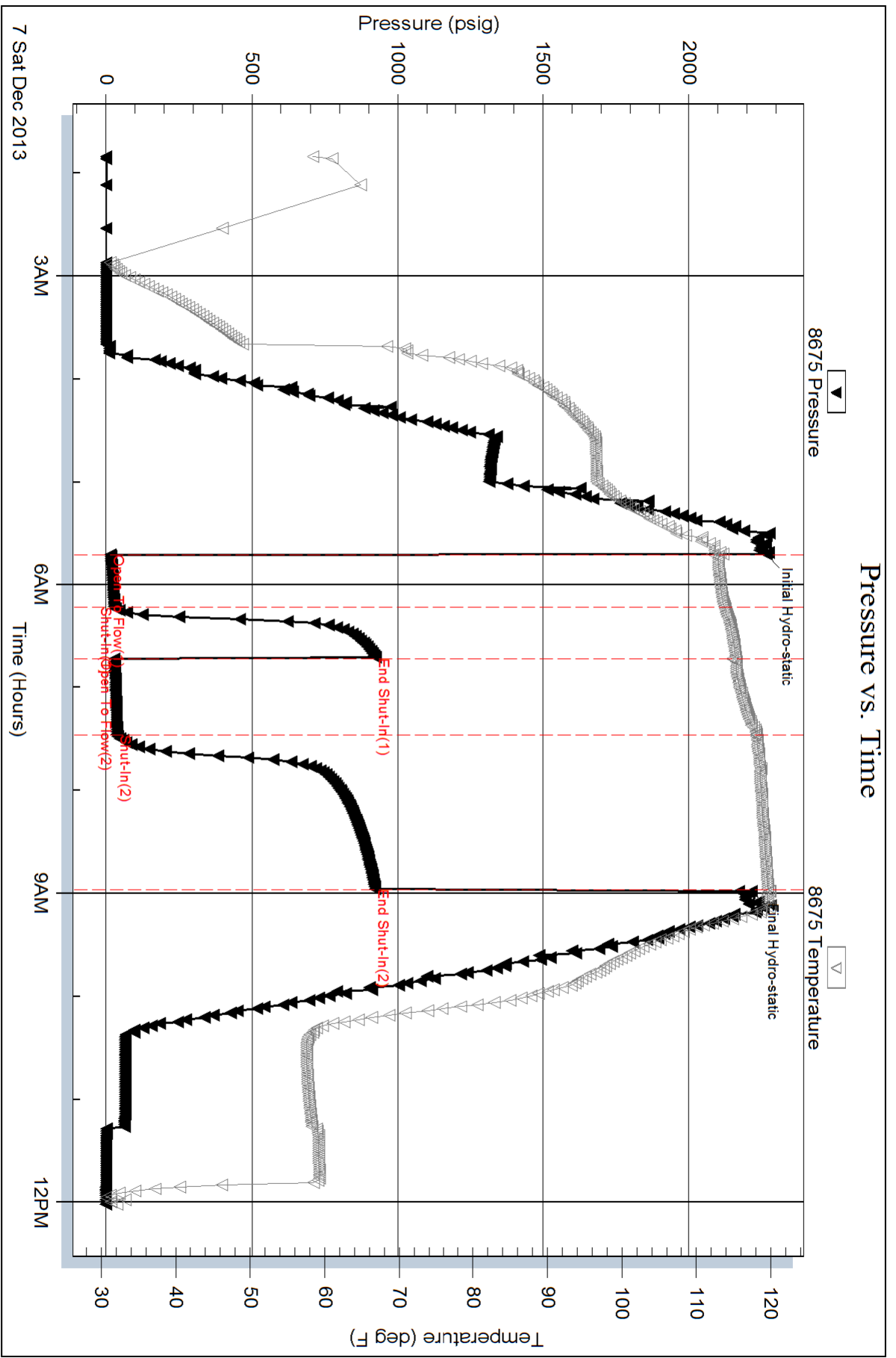
Serial #: 8675

Inside

Shakespeare Oil Company

Teeler #2-11

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 54584

Printed: 2013.12.08 @ 02:45:49