



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

8-13s-32w Logan KS

202 W Main St
Salem IL 62881

Campbell # 3-8

ATTN: Tim Priest

Job Ticket: 49978

DST#: 5

Test Start: 2012.12.10 @ 16:32:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:22:25

Time Test Ended: 22:51:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 58

Interval: 4537.00 ft (KB) To 4568.00 ft (KB) (TVD)

Reference Elevations: 2988.00 ft (KB)

Total Depth: 4190.00 ft (KB) (TVD)

2978.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8674 Inside

Press @ Run Depth: 22.66 psig @ 4540.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.12.10

End Date:

2012.12.10

Last Calib.:

2012.12.10

Start Time: 16:32:00

End Time:

22:51:09

Time On Btm:

2012.12.10 @ 18:22:10

Time Off Btm:

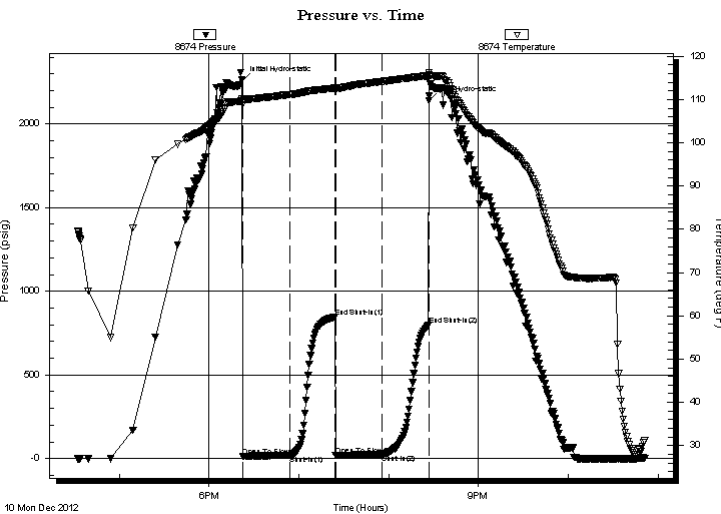
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TEST COMMENT: IF- Weak Surface Blow 3/4"

IS- No Blow

FF- No Blow

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2261.66	110.24	Initial Hydro-static
1	12.67	108.77	Open To Flow (1)
32	17.89	111.15	Shut-In(1)
62	845.66	112.66	End Shut-In(1)
63	19.37	112.21	Open To Flow (2)
93	22.66	114.16	Shut-In(2)
125	797.16	115.48	End Shut-In(2)
125	2141.22	116.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% m with Skim of Oil on Top	0.05

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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DST#: 5

ATTN: Tim Priest

Test Start: 2012.12.10 @ 16:32:00

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: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% m with Skim of Oil on Top	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

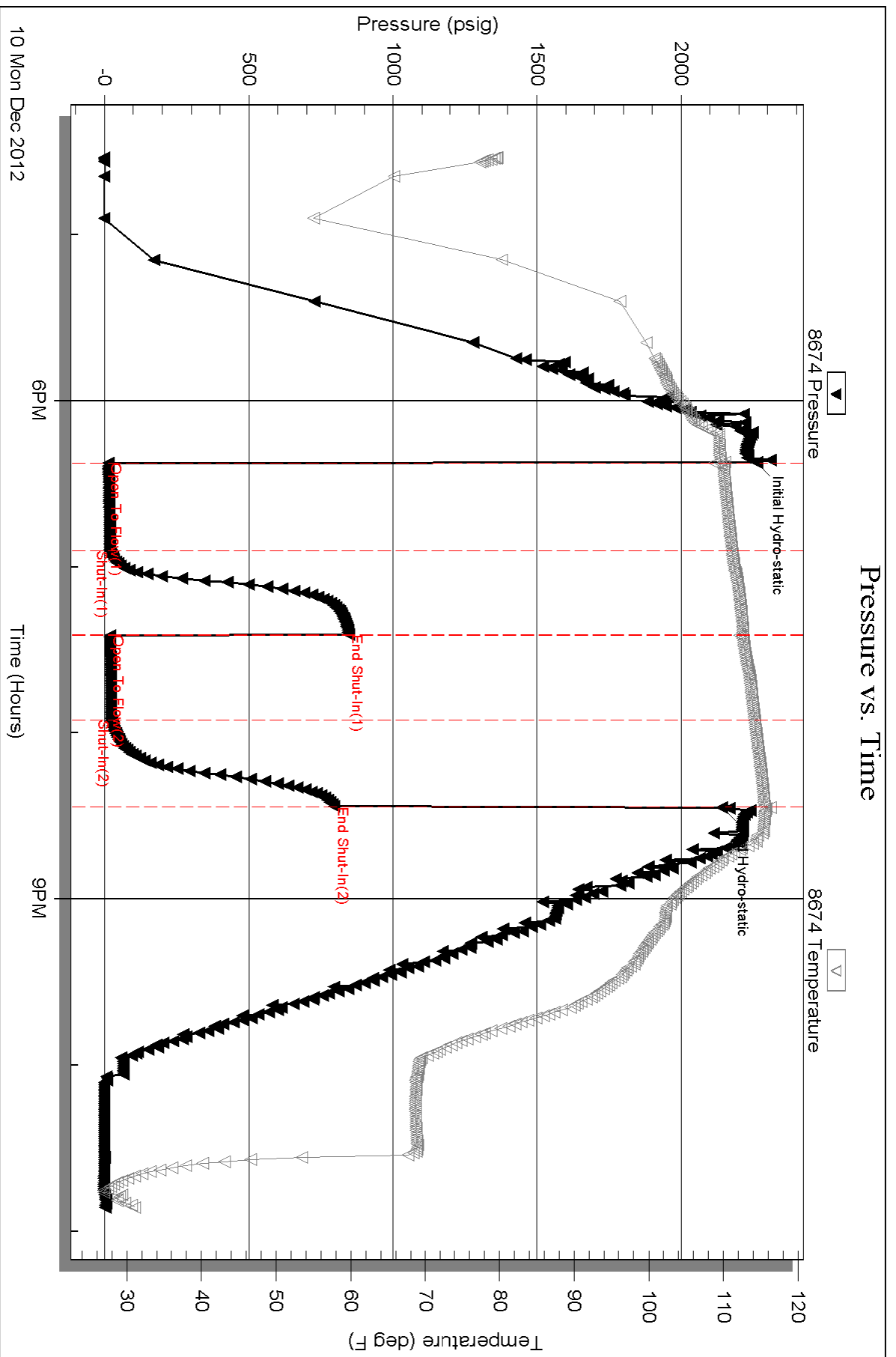
Serial #: 8674

Inside

Shakespeare Oil Co. Inc

Campbell # 3-8

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 49978

Printed: 2012.12.11 @ 06:38:18