



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: 49924

DST#: 2

Test Start: 2012.12.07 @ 12:06:00

GENERAL INFORMATION:

Formation: **LKC " J "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:39:40

Time Test Ended: 18:24:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 58

Interval: 4190.00 ft (KB) To 4210.00 ft (KB) (TVD)

Total Depth: 4210.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2988.00 ft (KB)

2978.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8674

Inside

Press @ Run Depth: 22.24 psig @ 4192.00 ft (KB)

Start Date: 2012.12.07

End Date:

2012.12.07

Start Time: 12:06:00

End Time:

18:24:39

Capacity: 8000.00 psig

Last Calib.: 2012.12.07

Time On Btm: 2012.12.07 @ 13:39:10

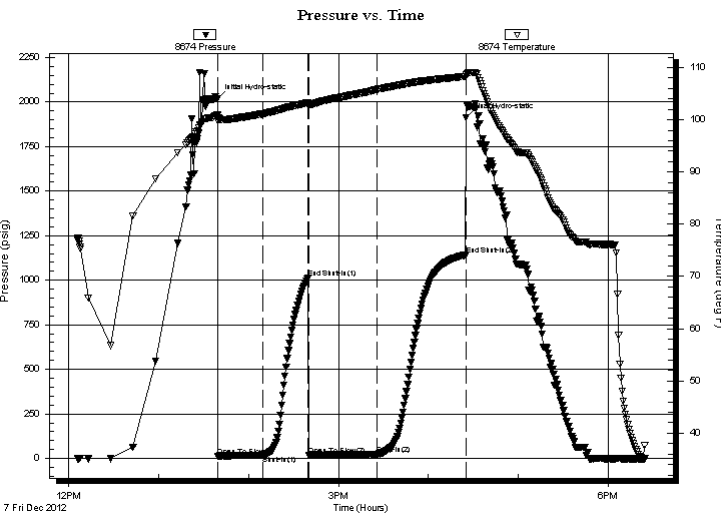
Time Off Btm: 2012.12.07 @ 16:25:09

TEST COMMENT: IF- Weak Surface Blow 1/2"

IS- No Blow

FF- Weak Surface Blow Built to 1/2"

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2021.34	100.89	Initial Hydro-static
1	13.00	100.33	Open To Flow (1)
31	16.42	101.16	Shut-In(1)
61	1012.05	103.23	End Shut-In(1)
61	18.14	102.91	Open To Flow (2)
107	22.24	105.85	Shut-In(2)
166	1142.34	108.32	End Shut-In(2)
166	1910.83	108.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM 5%oil 95%m	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. Inc

8-13s-32w Logan KS

202 W Main St
Salem IL 62881

Campbell # 3-8

Job Ticket: 49924

DST#: 2

ATTN: Tim Priest

Test Start: 2012.12.07 @ 12:06:00

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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OCM 5%oil 95%m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

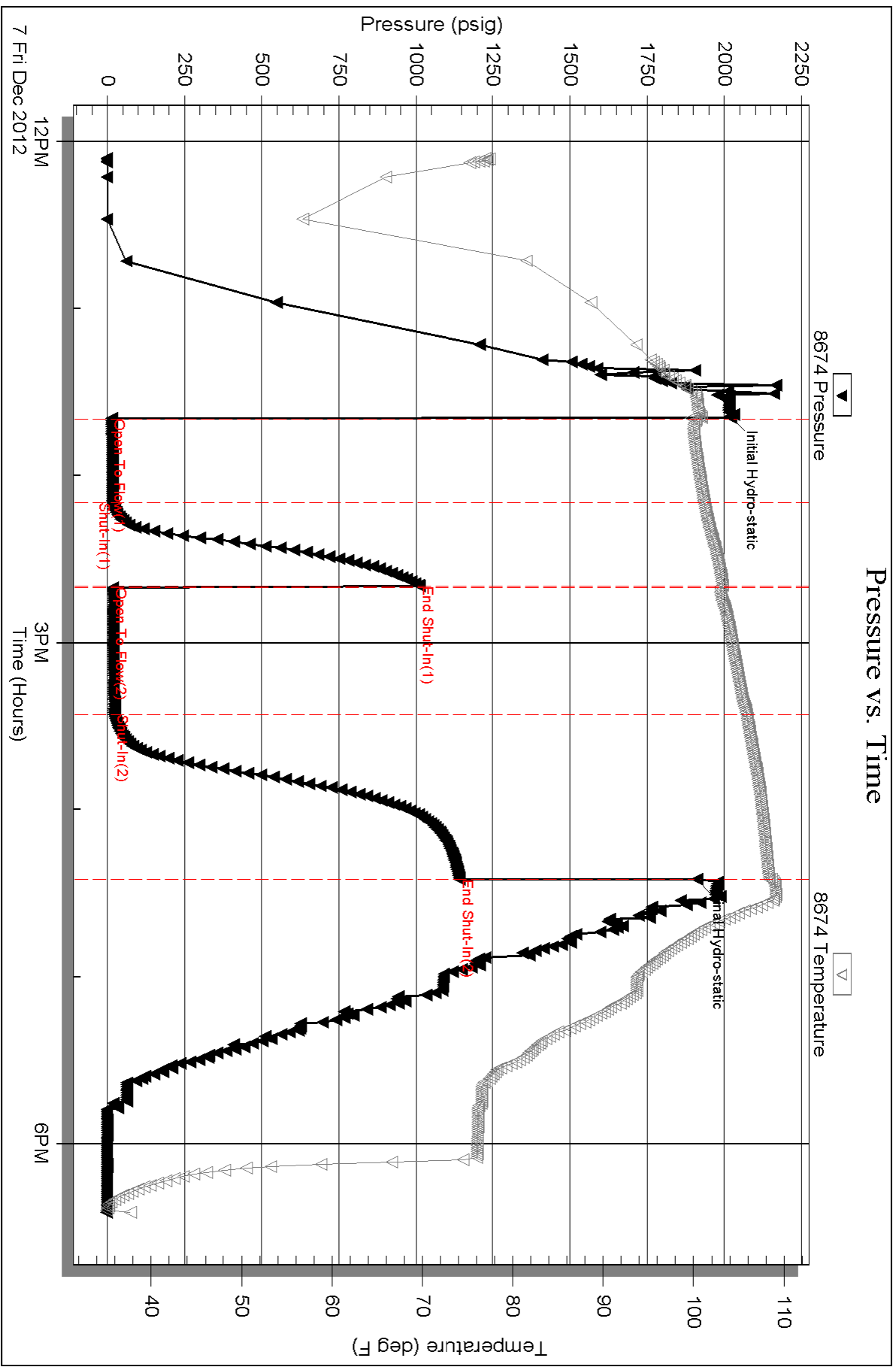
Serial #: 8674

Inside

Shakespeare Oil Co. Inc

Campbell # 3-8

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 49924

Printed: 2012.12.07 @ 23:07:33