



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co.

17-13s-32w-Logan KS

202 W Main St.
Salem, IL 62881

Campbell #2-17

ATTN: Steve Davis

Job Ticket: 48885

DST#: 5

Test Start: 2012.09.07 @ 18:50:00

GENERAL INFORMATION:

Formation: **Myric Station & Fort**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:12:45

Time Test Ended: 01:53:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 46

Interval: 4468.00 ft (KB) To 4520.00 ft (KB) (TVD)

Reference Elevations: 3037.50 ft (KB)

Total Depth: 4520.00 ft (KB) (TVD)

3027.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.50 ft

Serial #: 8675

Inside

Press @ Run Depth: 58.55 psig @ 4469.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.07 End Date: 2012.09.08

Last Calib.: 2012.09.09

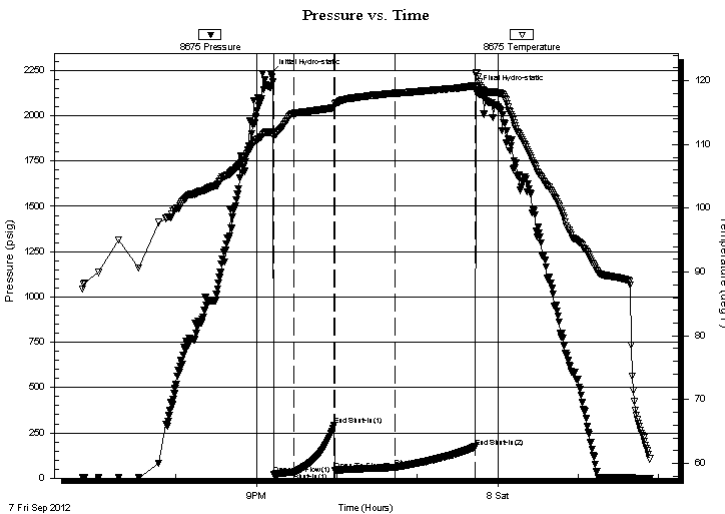
Start Time: 18:50:15 End Time: 01:53:45

Time On Btm: 2012.09.07 @ 21:11:00

Time Off Btm: 2012.09.07 @ 23:43:45

TEST COMMENT: Built to 2 1/4" blow
No return blow
Built to 2 1/2" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.65	111.99	Initial Hydro-static
2	20.99	111.25	Open To Flow (1)
17	33.31	114.87	Shut-In(1)
47	290.70	115.76	End Shut-In(1)
48	43.40	116.40	Open To Flow (2)
92	58.55	118.03	Shut-In(2)
152	172.22	119.18	End Shut-In(2)
153	2142.82	121.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	100%Mud with oil scum	1.26

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co.

17-13s-32w-Logan KS

202 W Main St.
Salem, IL 62881

Campbell #2-17

Job Ticket: 48885

DST#: 5

ATTN: Steve Davis

Test Start: 2012.09.07 @ 18:50:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	100%Mud w ith oil scum	1.262

Total Length: 90.00 ft Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8675

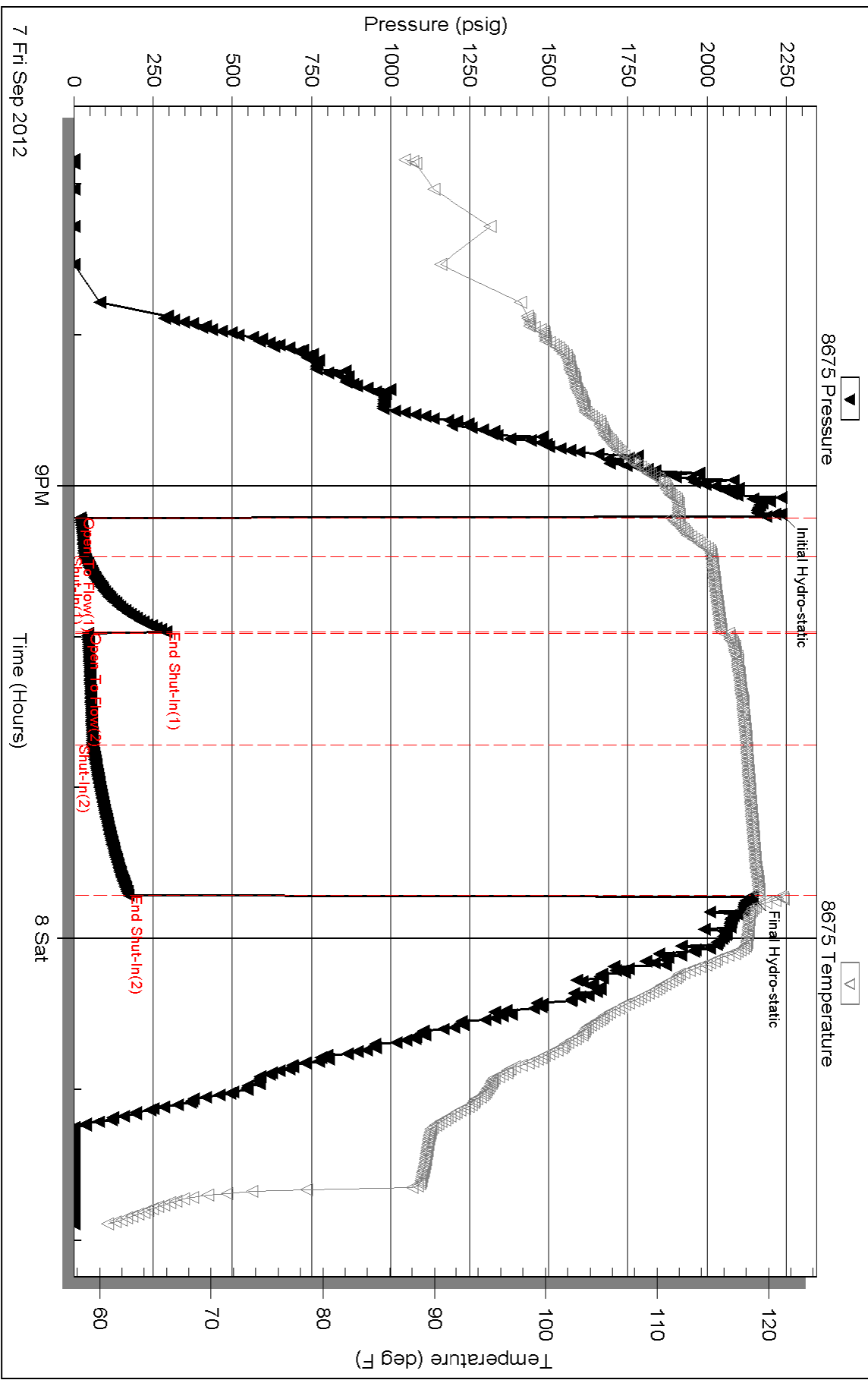
Inside

Shakespeare Oil Co.

Campbell #2-17

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 48885

Printed: 2012.09.09 @ 06:40:36