



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

27-13s-31w Gove Co.

202 W Main st
Salem, IL 62881

Parsons #2-27

Job Ticket: 50143

DST#: 1

ATTN: Tim Priest

Test Start: 2012.09.22 @ 03:32:00

GENERAL INFORMATION:

Formation: **"B" Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:24:00

Time Test Ended: 09:51:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Sam Esparza

Unit No: 64

Interval: 3918.00 ft (KB) To 3948.00 ft (KB) (TVD)

Reference Elevations: 2848.00 ft (KB)

Total Depth: 3948.00 ft (KB) (TVD)

2838.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press @ Run Depth: 61.58 psig @ 3919.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.22

End Date: 2012.09.22

Last Calib.: 2012.09.22

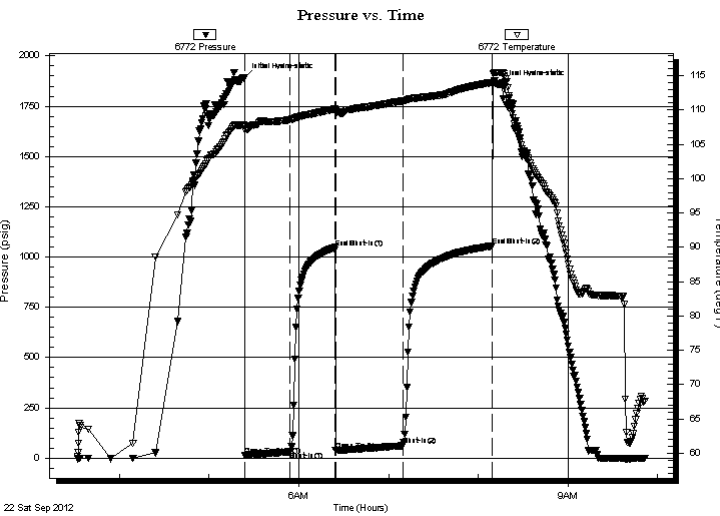
Start Time: 03:32:05

End Time: 09:51:44

Time On Btm: 2012.09.22 @ 05:23:45

Time Off Btm: 2012.09.22 @ 08:12:30

TEST COMMENT: IF: 2" blow.
IS: No return.
FF: 1" blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1891.99	107.73	Initial Hydro-static
1	14.41	107.17	Open To Flow (1)
31	31.51	108.57	Shut-In(1)
61	1047.48	110.13	End Shut-In(1)
61	37.74	109.81	Open To Flow (2)
106	61.58	111.30	Shut-In(2)
166	1056.05	114.02	End Shut-In(2)
169	1857.58	115.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 40m 60w	0.30
20.00	WOCM 10w 30o 60m	0.10

Gas Rates

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



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FLUID SUMMARY

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Parsons #2-27

Job Ticket: 50143

DST#: 1

ATTN: Tim Priest

Test Start: 2012.09.22 @ 03:32:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MW 40m 60w	0.295
20.00	WOCM 10w 30o 60m	0.098

Total Length: 80.00 ft Total Volume: 0.393 bbl

Num Fluid Samples: 0

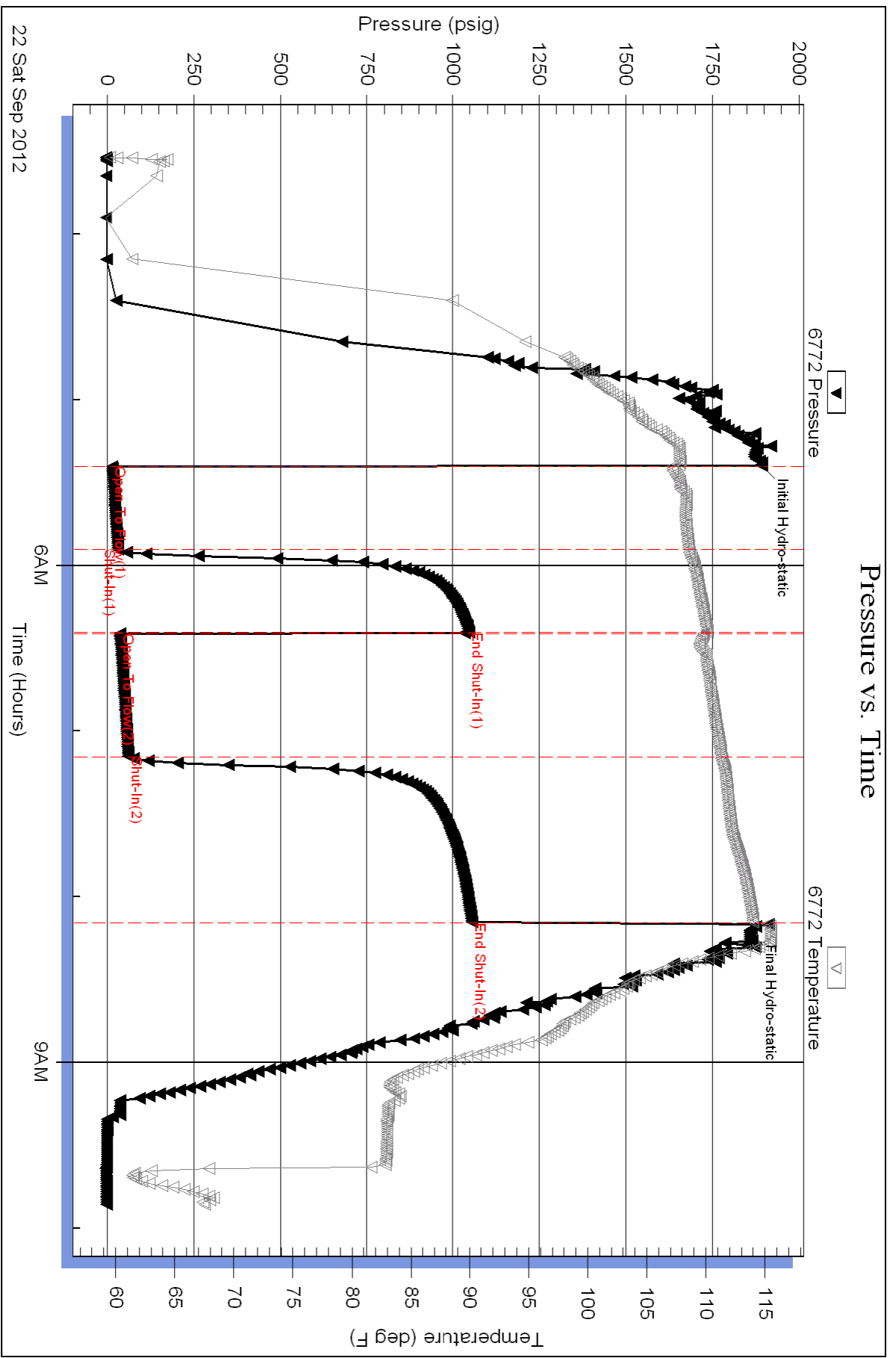
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6669

Inside

Shakespeare Oil Co., Inc.

Parsons #2-27

DST Test Number: 1

