



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

23-13-31 Gove Ks

202 W Main St
Salem IL 62881

Zerr Trust 3-23

Job Ticket: 48368

DST#: 6

ATTN: Tim Priest

Test Start: 2012.07.25 @ 18:16:44

GENERAL INFORMATION:

Formation: **K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:27:44
 Time Test Ended: 02:16:59
 Interval: **4172.00 ft (KB) To 4200.00 ft (KB) (TVD)**
 Total Depth: 4200.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2871.00 ft (KB)
 2864.00 ft (CF)
 KB to GR/CF: 7.00 ft

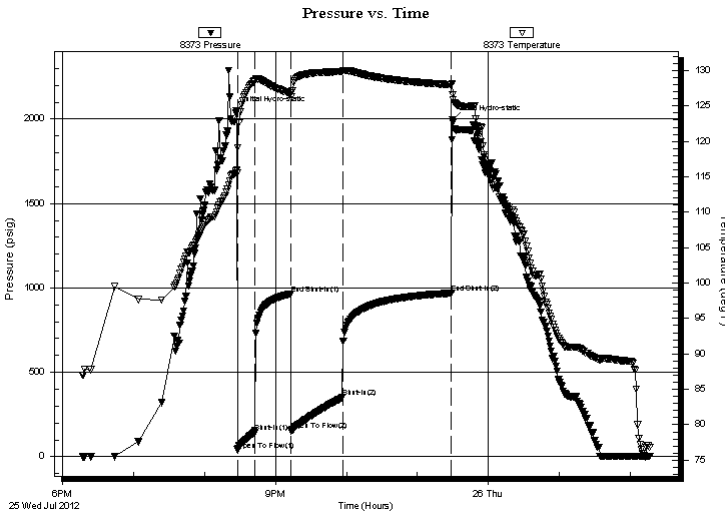
Serial #: 8373

Inside

Press @ Run Depth: 350.20 psig @ 4177.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.07.25 End Date: 2012.07.26 Last Calib.: 2012.07.26
 Start Time: 18:16:49 End Time: 02:16:58 Time On Btm: 2012.07.25 @ 20:26:44
 Time Off Btm: 2012.07.25 @ 23:29:44

TEST COMMENT: IF: BOB in 5 min.
 IS: No return.
 FF: BOB in 8 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2047.53	115.81	Initial Hydro-static
1	40.28	115.61	Open To Flow (1)
16	142.51	128.51	Shut-In(1)
46	966.06	126.81	End Shut-In(1)
47	154.31	126.35	Open To Flow (2)
90	350.20	129.83	Shut-In(2)
182	969.63	127.99	End Shut-In(2)
183	1995.98	126.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
372.00	water 100%w	4.09
186.00	mcw 90%w 10%m	2.61
196.00	mcw 60%w 40%m	2.75

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

50000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
372.00	water 100%w	4.089
186.00	mcw 90%w 10%m	2.609
196.00	mcw 60%w 40%m	2.749

Total Length: 754.00 ft Total Volume: 9.447 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .13@78=50000

Serial #: 8373

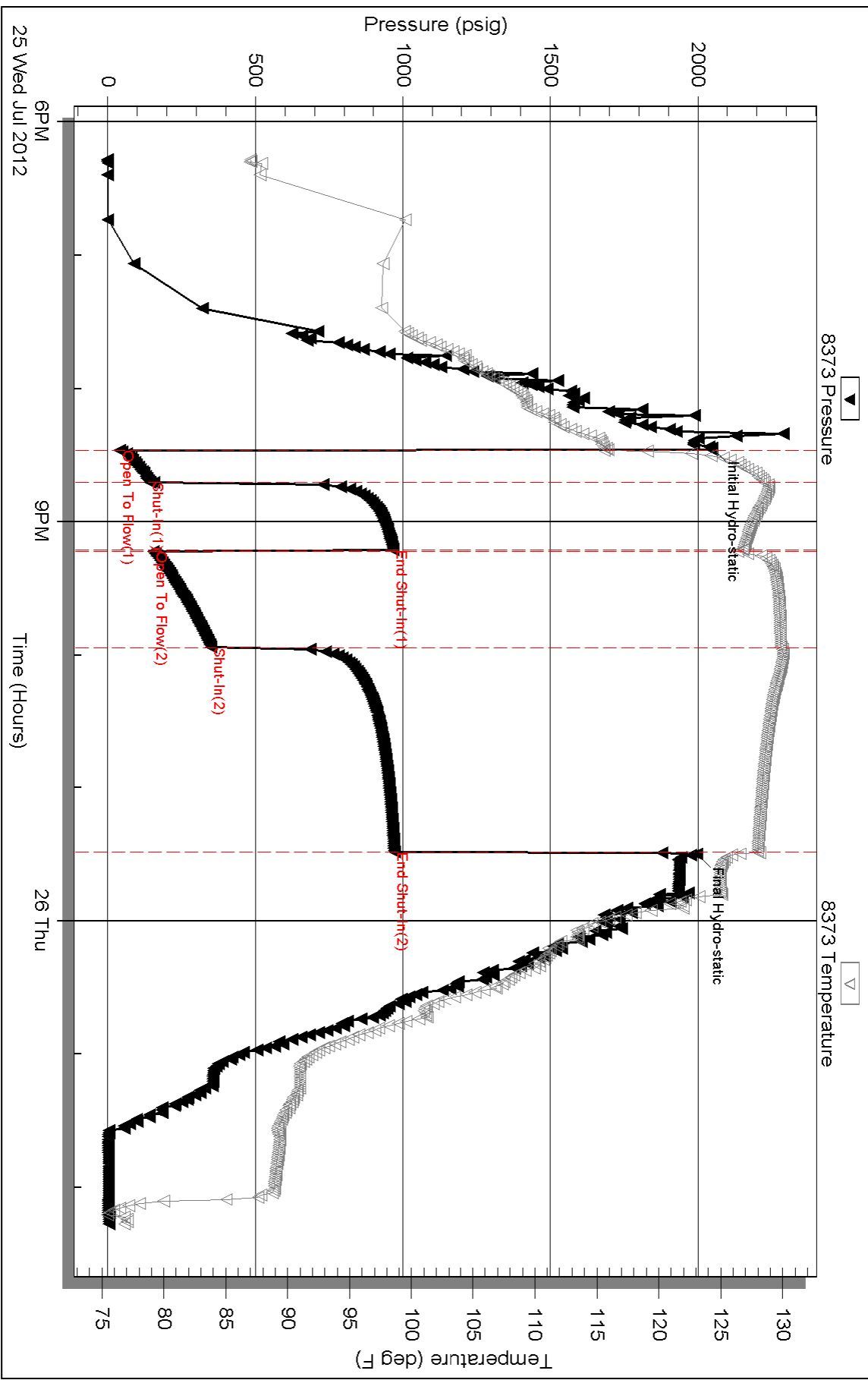
Inside

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DST Test Number: 6

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 48368

Printed: 2012.07.26 @ 07:54:48