



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

S8-14s-32wLogan, KS

202 W Main St.
Salem, IL 62881

Ottley #1-8

Job Ticket: 50074

DST#: 7

ATTN: Tim Priest

Test Start: 2012.09.14 @ 07:53:00

GENERAL INFORMATION:

Formation: **Myric Station - John**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:58:20

Time Test Ended: 15:21:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4338.00 ft (KB) To 4465.00 ft (KB) (TVD)

Total Depth: 4465.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2842.00 ft (KB)

2832.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 53.45 psig @ 4342.00 ft (KB)

Start Date: 2012.09.14

End Date:

2012.09.14

Start Time: 07:53:01

End Time:

15:21:40

Capacity: 8000.00 psig

Last Calib.: 2012.09.14

Time On Btm: 2012.09.14 @ 09:55:50

Time Off Btm: 2012.09.14 @ 13:30:09

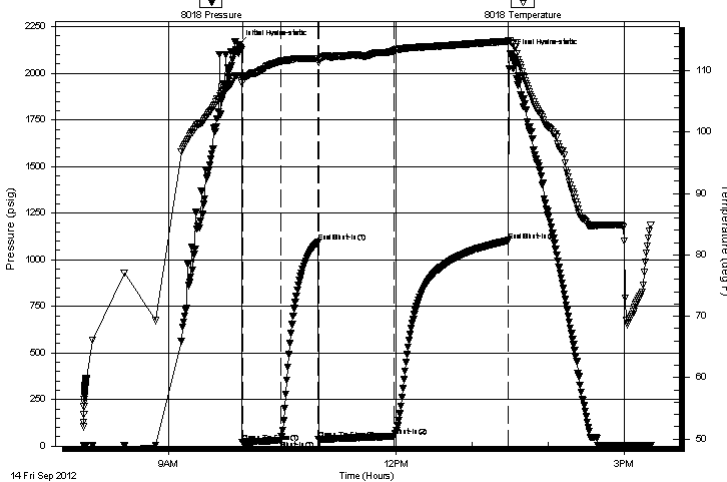
TEST COMMENT: 1 1/2" Blow .

No return.

Surface blow through out.

No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.74	109.21	Initial Hydro-static
3	18.72	108.11	Open To Flow (1)
33	31.44	111.55	Shut-In(1)
63	1094.71	111.98	End Shut-In(1)
63	34.97	111.30	Open To Flow (2)
123	53.45	113.30	Shut-In(2)
213	1103.30	114.83	End Shut-In(2)
215	2107.33	114.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	OCM 2o 98m	0.44

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Ottley #1-8

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DST#: 7

ATTN: Tim Priest

Test Start: 2012.09.14 @ 07:53:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	OCM 2o 98m	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

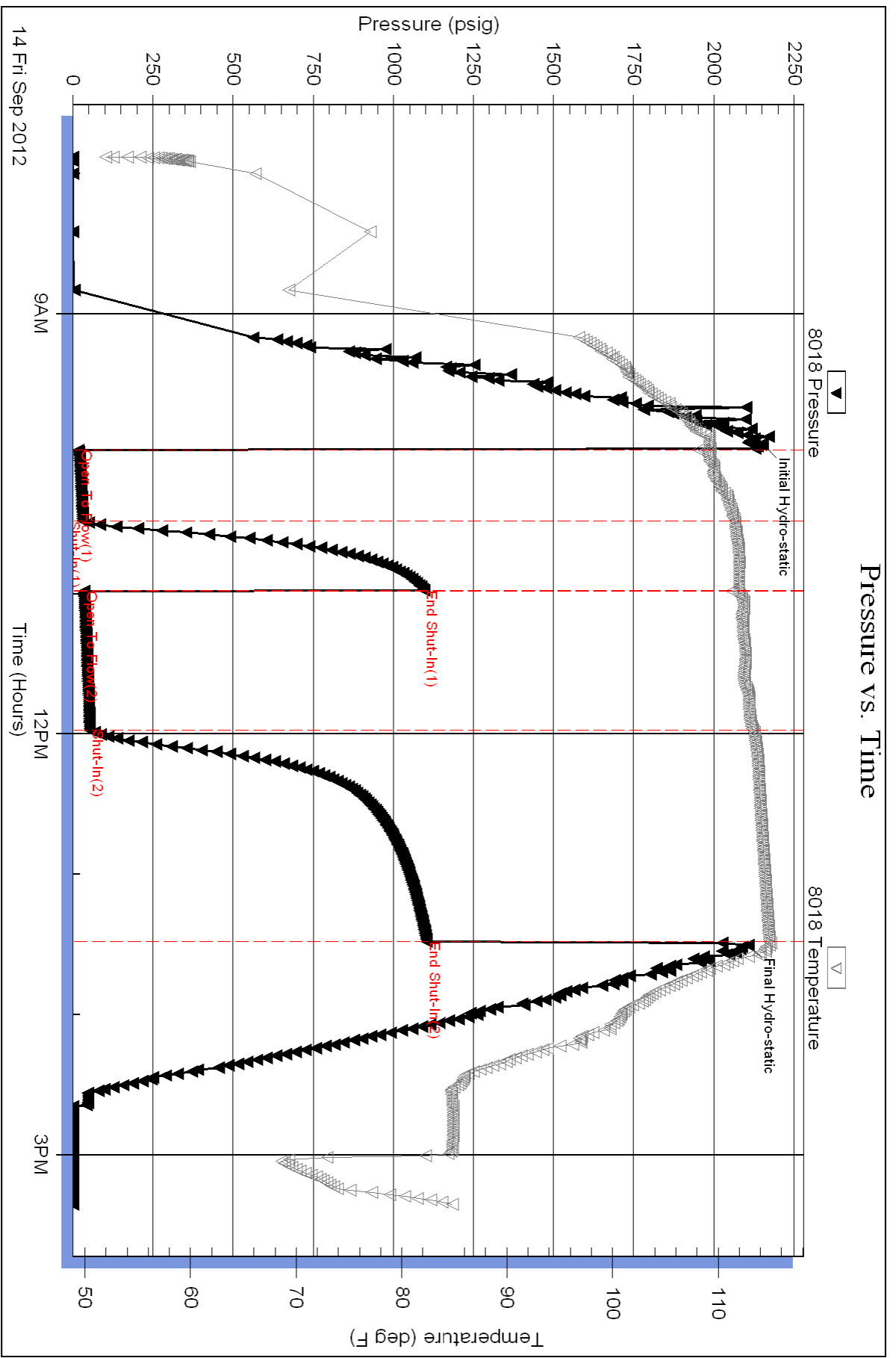
Serial #: 8018

Inside

Shakespeare Oil Co., Inc.

Oilley #1-8

DST Test Number: 7



Triobite Testing, Inc

Ref. No: 50074

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