



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespear Oil Co. Inc.

9-14s-32w Logan Co. KS

202 W Main St
Salem IL 62881

Ottley #1-9

Job Ticket: 45143

DST#: 2

ATTN: Tim Priest

Test Start: 2012.03.17 @ 22:28:00

GENERAL INFORMATION:

Formation: **Lansing "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:23:10

Time Test Ended: 06:19:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 3858.00 ft (KB) To 3882.00 ft (KB) (TVD)

Reference Elevations: 2833.00 ft (KB)

Total Depth: 3868.00 ft (KB) (TVD)

2823.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8652 Inside

Press @ Run Depth: 339.66 psig @ 3859.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.17

End Date:

2012.03.18

Last Calib.:

2012.03.18

Start Time:

22:28:00

End Time:

06:19:09

Time On Btm:

2012.03.18 @ 00:22:55

Time Off Btm:

2012.03.18 @ 02:41:55

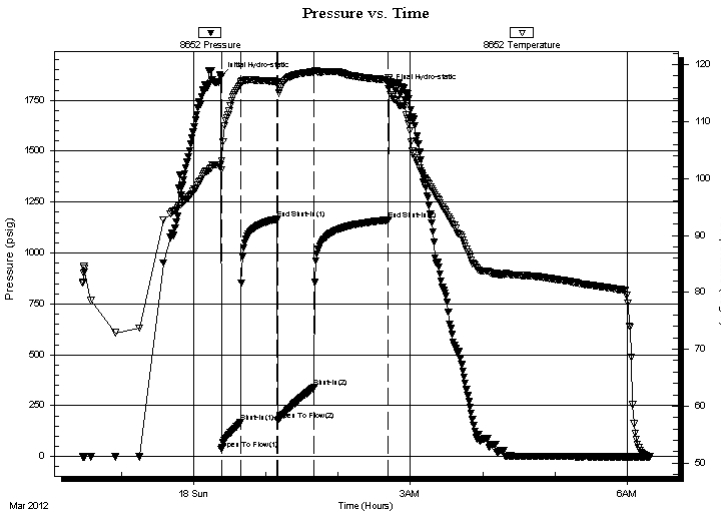
TEST COMMENT: IF- BOB in 2 3/4min

IS- No Blow

FF- BOB in 4min

FS- Weak Surface Blow in 38min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1865.76	102.39	Initial Hydro-static
1	35.06	101.50	Open To Flow (1)
17	169.41	116.57	Shut-In(1)
47	1166.10	117.07	End Shut-In(1)
47	177.96	116.43	Open To Flow (2)
78	339.66	118.76	Shut-In(2)
139	1162.07	117.28	End Shut-In(2)
139	1807.04	117.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
244.00	MCW 12%w 88%w	2.30
111.00	OGWCM 10%oil 15%g 30%w 45%m	1.56
71.00	MGCO 4%w 30%g 66%oil	1.00
183.00	GO 30%g 70%oil	2.57
101.00	GO 15%g 85%oil	1.42
0.00	183' of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespear Oil Co. Inc.

9-14s-32w Logan Co. KS

202 W Main St
Salem IL 62881

Ottley #1-9

Job Ticket: 45143

DST#: 2

ATTN: Tim Priest

Test Start: 2012.03.17 @ 22:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

48000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
244.00	MCW 12%m 88%w	2.302
111.00	OGWCM 10%oil 15%g 30%w 45%m	1.557
71.00	MGCO 4%m 30%g 66%oil	0.996
183.00	GO 30%g 70%oil	2.567
101.00	GO 15%g 85%oil	1.417
0.00	183' of GIP	0.000

Total Length: 710.00 ft Total Volume: 8.839 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

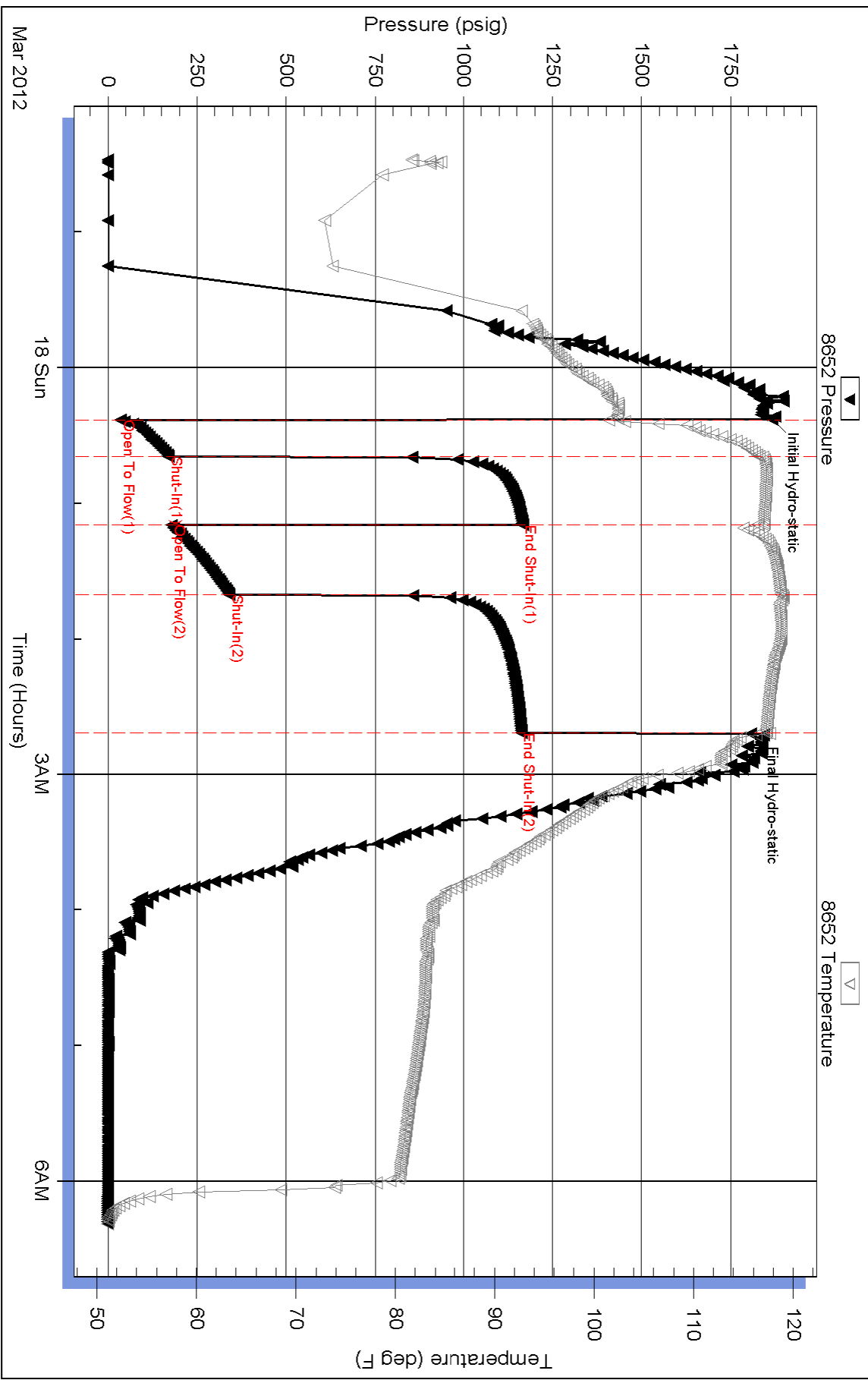
Laboratory Name:

Laboratory Location:

Recovery Comments: API is 25 @ 60f = 25

RW is .298 @ 36f = 48000

Pressure vs. Time



Serial #: 8322

Outside Shakespeare Oil Co. Inc.

Oilley #1-9

DST Test Number: 2

