



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: 45141

DST#: 1

ATTN: Tim Priest

Test Start: 2012.03.17 @ 10:10:00

GENERAL INFORMATION:

Formation: **Lansing "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:03:10

Time Test Ended: 16:13:39

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 40

Interval: 3824.00 ft (KB) To 3868.00 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: 498.82 psig @ 3825.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.17

End Date:

2012.03.17

Last Calib.: 2012.03.17

Start Time: 10:10:00

End Time:

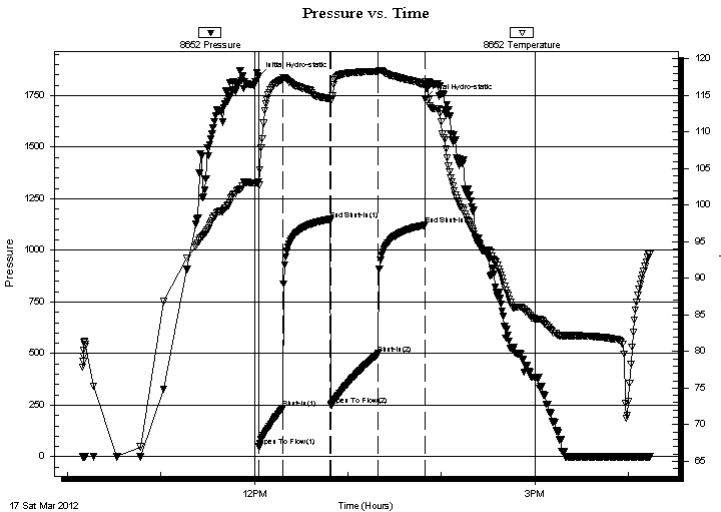
16:13:39

Time On Btm: 2012.03.17 @ 12:02:55

Time Off Btm: 2012.03.17 @ 13:49:40

TEST COMMENT: IF- BOB in 2min
IS- No Blow
FF- BOB in 2 1/2min
FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1841.70	103.21	Initial Hydro-static
1	48.79	102.72	Open To Flow (1)
16	236.02	117.22	Shut-In(1)
46	1150.23	114.53	End Shut-In(1)
46	249.39	114.22	Open To Flow (2)
77	498.82	118.29	Shut-In(2)
107	1122.47	116.45	End Shut-In(2)
107	1736.45	116.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
486.00	MCW 4%m 96%w	5.70
366.00	MCW 10%m 90%w	5.13
183.00	OMCW 1%oil 30%m 69%w	2.57
19.00	OMCW 3%oil 35%m 62%w	0.27
1.00	Oil	0.01

Gas Rates

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



**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: 45141

DST#: 1

ATTN: Tim Priest

Test Start: 2012.03.17 @ 10:10:00

GENERAL INFORMATION:

Formation: **Lansing "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:03:10

Time Test Ended: 16:13:39

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 40

Interval: **3824.00 ft (KB) To 3868.00 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 #: 8322

Press@RunDepth: psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.17

End Date:

2012.03.17

Last Calib.:

2012.03.17

Start Time: 10:10:05

End Time:

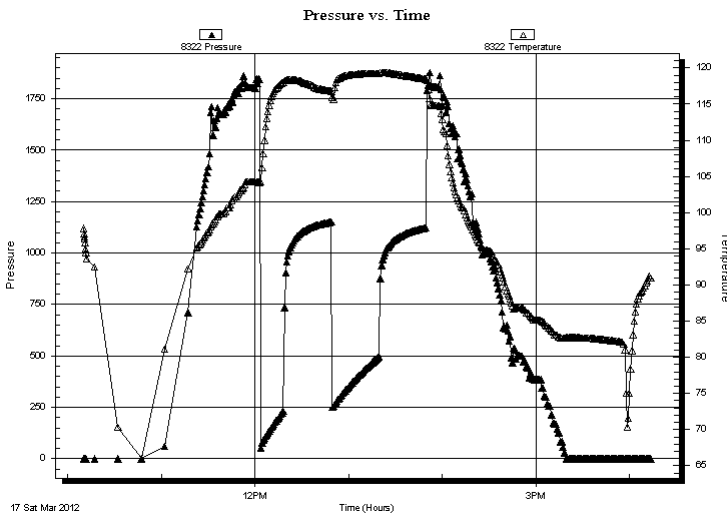
16:13:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF- BOB in 2min
IS- No Blow
FF- BOB in 2 1/2min
FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
486.00	MCW 4%m 96%w	5.70
366.00	MCW 10%m 90%w	5.13
183.00	OMCW 1%oil 30%m 69%w	2.57
19.00	OMCW 3%oil 35%m 62%w	0.27
1.00	Oil	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC.**

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: 45141

DST#: 1

ATTN: Tim Priest

Test Start: 2012.03.17 @ 10:10:00

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:

71000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
486.00	MCW 4%m 96%w	5.697
366.00	MCW 10%m 90%w	5.134
183.00	OMCW 1%oil 30%m 69%w	2.567
19.00	OMCW 3%oil 35%m 62%w	0.267
1.00	Oil	0.014

Total Length: 1055.00 ft Total Volume: 13.679 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .089 @ 83f = 71000

Serial #: 8652

Inside

Shakespeare Oil Co. Inc.

Oilley #1-9

DST Test Number: 1

