



**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: 45147

DST#: 6

ATTN: Tim Priest

Test Start: 2012.03.21 @ 21:51:00

GENERAL INFORMATION:

Formation: **Myric - Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:20:10

Time Test Ended: 05:41:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

Interval: 4315.00 ft (KB) To 4372.00 ft (KB) (TVD)

Reference Elevations: 2833.00 ft (KB)

Total Depth: 4372.00 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: 19.20 psig @ 4317.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.21

End Date:

2012.03.22

Last Calib.:

2012.03.22

Start Time: 21:51:00

End Time:

05:41:39

Time On Btm:

2012.03.22 @ 00:19:55

Time Off Btm:

2012.03.22 @ 03:12:54

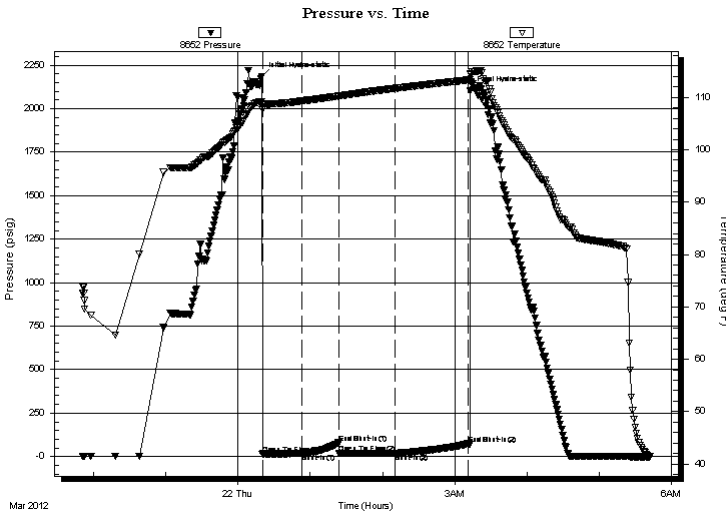
TEST COMMENT: IF- Weak Surface Blow Died in 22min

IS- No Blow

FF- No Blow

IS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2185.35	109.15	Initial Hydro-static
1	14.74	107.70	Open To Flow (1)
34	17.09	109.30	Shut-In(1)
64	78.73	110.23	End Shut-In(1)
64	16.95	110.19	Open To Flow (2)
111	19.20	111.71	Shut-In(2)
172	73.51	113.30	End Shut-In(2)
173	2105.58	114.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	OCM 1%oil 99%m Skim of Oil on top	0.05

* Recovery from multiple tests

Gas Rates

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



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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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OCM 1%oil 99%m Skim of Oil on top	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

