



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

S28-14s-32w Logan/KS

202 W Main
Salem, IL 62881

Ottley #2-28

Job Ticket: 48496

DST#: 2

ATTN: Tim Priest

Test Start: 2015.01.10 @ 23:10:00

GENERAL INFORMATION:

Formation: **Lansing 'D-E-F'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:51:10

Time Test Ended: 06:58:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: 3744.00 ft (KB) To 3774.00 ft (KB) (TVD)

Reference Elevations: 2682.00 ft (KB)

Total Depth: 3774.00 ft (KB) (TVD)

2672.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8357

Inside

Press @ Run Depth: 16.96 psig @ 3748.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.10

End Date: 2015.01.11

Last Calib.: 2015.01.11

Start Time: 21:10:02

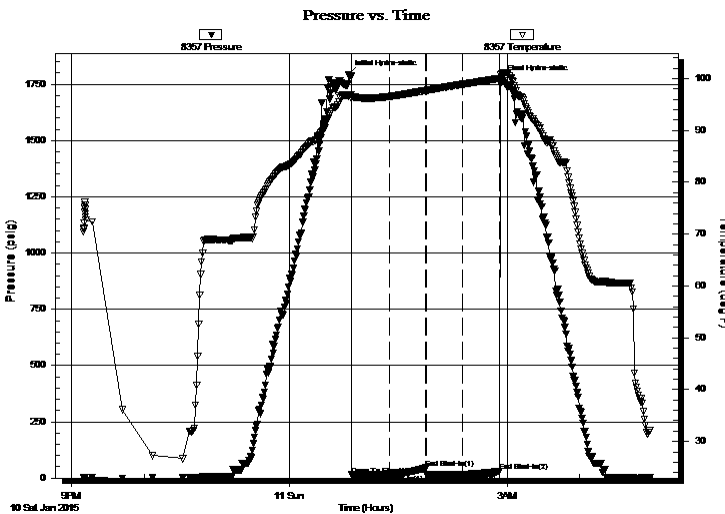
End Time: 04:58:20

Time On Btm: 2015.01.11 @ 00:48:50

Time Off Btm: 2015.01.11 @ 02:54:40

TEST COMMENT: 30- 1/2" Blow .
30- No return.
30- No blow .
30- No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1791.16	96.57	Initial Hydro-static
3	14.23	96.07	Open To Flow (1)
34	16.59	96.54	Shut-In(1)
64	45.23	97.69	End Shut-In(1)
65	16.18	97.69	Open To Flow (2)
95	16.96	98.89	Shut-In(2)
126	30.24	100.02	End Shut-In(2)
126	1768.65	100.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	VSOCM 1 to 99m	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	VSOCM 1o 99m	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8357

Inside

Shakespeare Oil Co. Inc.

Ottley #2-28

DST Test Number: 2

Pressure vs. Time

