



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Co Inc.

**Zerr Trust 1-23**

202 W Main St.  
Salem IL, 62881

**sec23 twp13s rge31**

Job Ticket: 042654

**DST#: 3**

ATTN: Tim Priest

Test Start: 2011.05.29 @ 02:27:41

## GENERAL INFORMATION:

Formation: **"K" zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:20:56

Time Test Ended: 08:00:11

Test Type: Conventional Bottom Hole

Tester: Rene Gonzalez

Unit No: 28

**Interval: 4169.00 ft (KB) To 4205.00 ft (KB) (TVD)**

Reference Elevations: 2871.00 ft (KB)

Total Depth: 4033.00 ft (KB) (TVD)

2863.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8675 Outside**

Press @ RunDepth: 31.96 psig @ 4170.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.29

End Date:

2011.05.29

Last Calib.:

1899.12.30

Start Time: 02:27:42

End Time:

08:14:11

Time On Btm:

2011.05.29 @ 04:20:41

Time Off Btm:

2011.05.29 @ 06:21:26

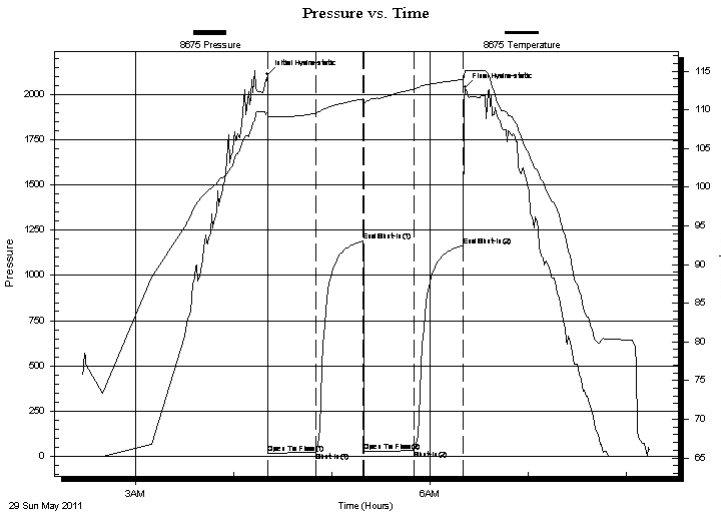
TEST COMMENT: IF:Surface blow died in 23min

IS:No return

FF:No blow

FS:No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.44	109.64	Initial Hydro-static
1	17.17	108.83	Open To Flow (1)
30	24.59	109.61	Shut-In(1)
59	1189.63	111.41	End Shut-In(1)
59	25.77	110.72	Open To Flow (2)
90	31.96	112.70	Shut-In(2)
120	1164.95	113.94	End Shut-In(2)
121	2037.53	115.09	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w ith oil spots	0.05

## 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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud with oil spots	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:

