



**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: 042653

DST#: 2

ATTN: Tim Priest

Test Start: 2011.05.28 @ 12:10:15

GENERAL INFORMATION:

Formation: **I & J zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:51:15

Time Test Ended: 18:40:00

Test Type: Conventional Bottom Hole

Tester: Rene Gonzalkez

Unit No: 28

Interval: 4117.00 ft (KB) To 4180.00 ft (KB) (TVD)

Total Depth: 4033.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2871.00 ft (KB)

2863.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8675 Inside

Press @ Run Depth: 79.72 psig @ 4118.00 ft (KB)

Start Date: 2011.05.28

End Date:

2011.05.28

Start Time: 12:10:16

End Time:

18:47:00

Capacity: 8000.00 psig

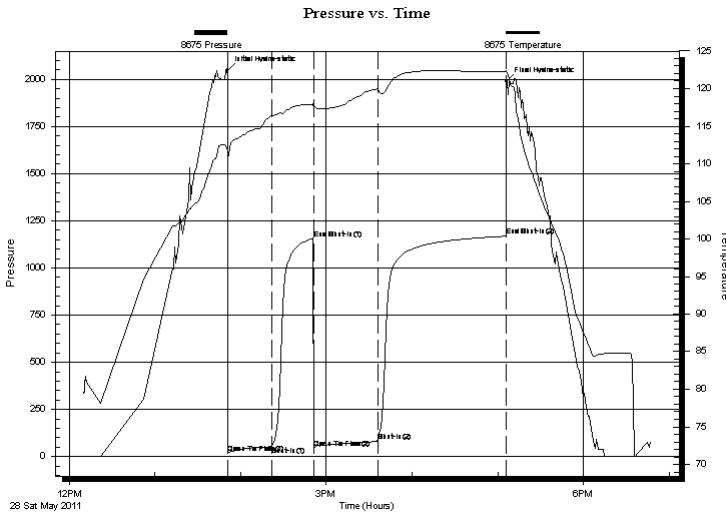
Last Calib.: 2011.05.28

Time On Btm: 2011.05.28 @ 13:51:00

Time Off Btm: 2011.05.28 @ 17:06:15

TEST COMMENT: IF:BOB in 14min
IS:Weak blow back died in 9min
FF:BOB in 8min
FS:Weak blow back died in 28min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2046.35	111.80	Initial Hydro-static
1	18.63	110.95	Open To Flow (1)
31	52.95	116.40	Shut-In(1)
60	1155.19	117.95	End Shut-In(1)
61	46.07	117.45	Open To Flow (2)
105	79.72	119.99	Shut-In(2)
195	1168.47	122.24	End Shut-In(2)
196	1988.14	122.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	25g 35m 40o	0.34
120.00	20m 20g 60o	1.50
0.00	900feet of gas	0.00

Gas Rates

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



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FLUID SUMMARY

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DST#: 2

ATTN: Tim Priest

Test Start: 2011.05.28 @ 12:10:15

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 in³

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
70.00	25g 35m 40o	0.344
120.00	20m 20g 60o	1.501
0.00	900feet of gas	0.000

Total Length: 190.00 ft

Total Volume: 1.845 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

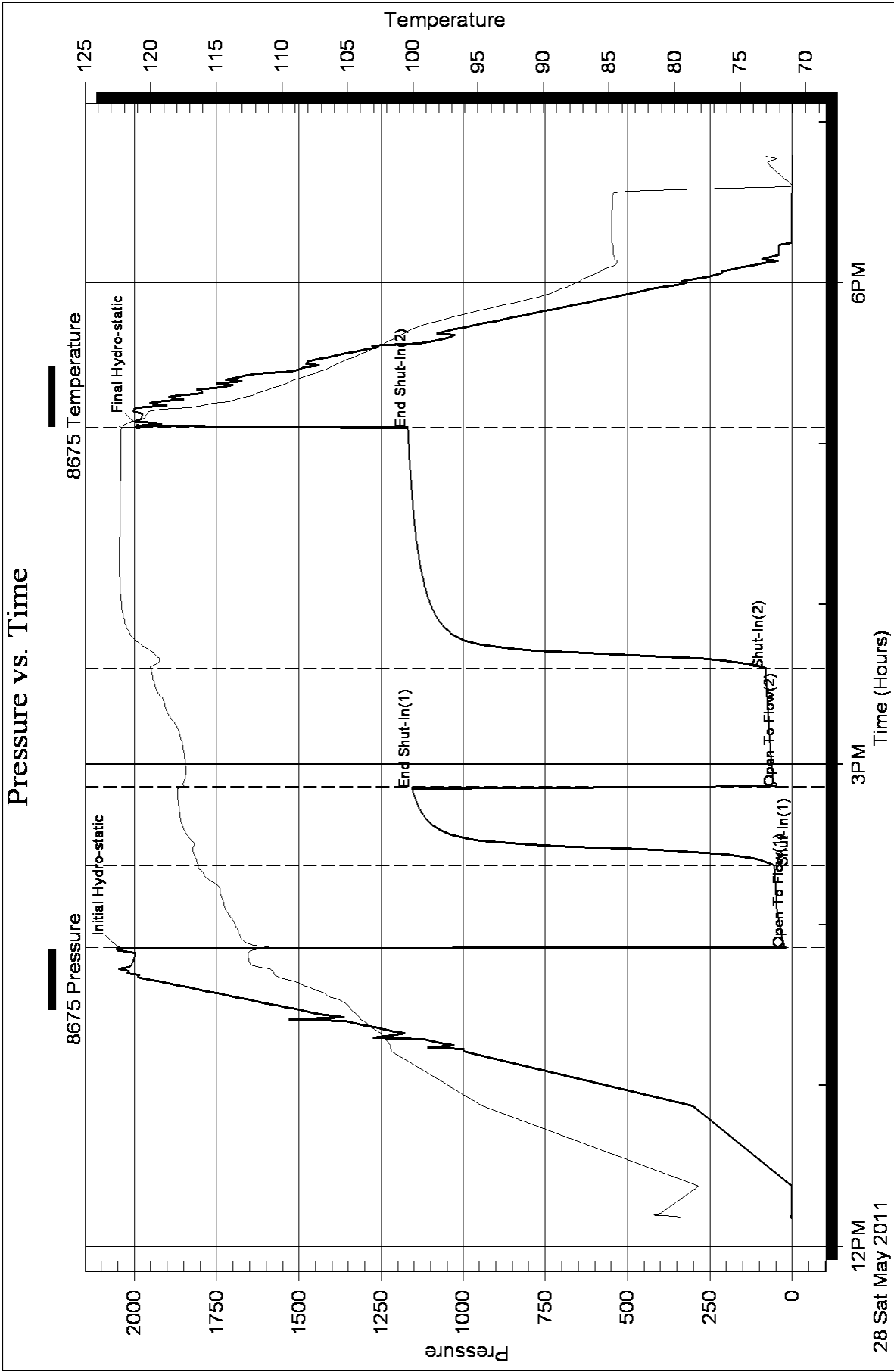
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



12PM
28 Sat May 2011

3PM
Time (Hours)

6PM