

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Furture Petroleum Co

Button

1455 W Loop S
PO Box 540225
Houston, TX 77254
ATTN: Chris Haefele

29-19s-15x

Job Ticket: 33074

DST#: 1

Test Start: 2008.12.12 @ 10:37:30

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	5	0.50	26.00	269.83
2	15	0.50	20.00	229.35
2	25	0.38	25.00	142.87
2	35	0.38	21.00	128.21

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Serial #: 8372

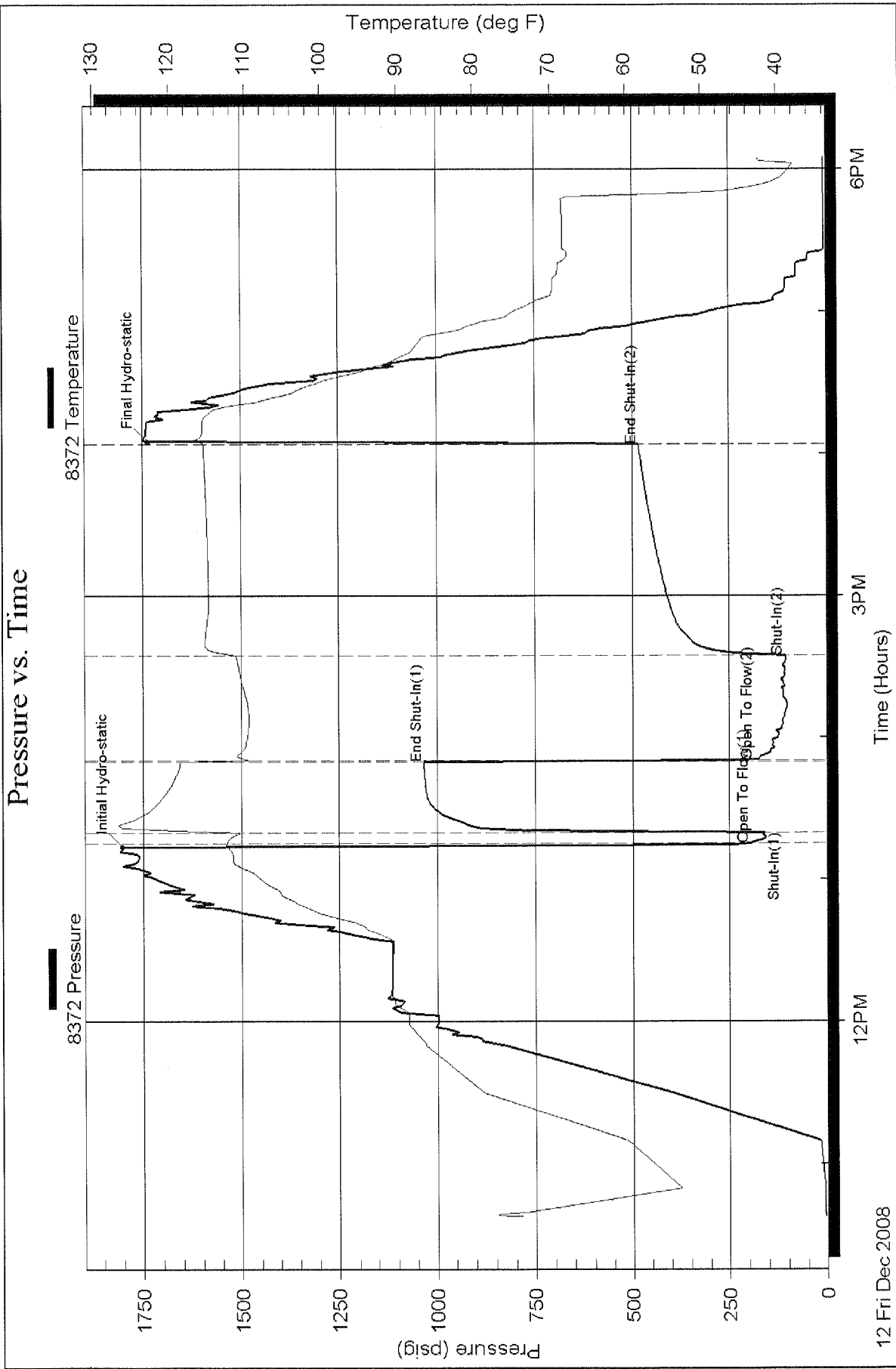
Inside

Furture Petroleum Co

29-19s-15x

DST Test Number: 1

Pressure vs. Time

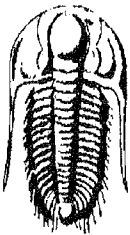


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Trilobite Testing, Inc

Ref. No: 33074

Printed: 2008.12.12 @ 21:59:50 Page 3



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Future Petroleum Co

1455 W Loop S
PO Box 540225
Houston Tx 77254
ATTN: Chris Haefele

Button

Sec29Twp19sRge15w

Job Ticket: 33075

DST#: 2

Test Start: 2008.12.12 @ 19:47:35

GENERAL INFORMATION:

Formation: **KC "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:12:35

Time Test Ended: 01:57:50

Test Type: Conventional Straddle

Tester: Brett Dickinson

Unit No: 38

Interval: 3435.00 ft (KB) To 3462.00 ft (KB) (TVD)

Total Depth: 3800.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1952.00 ft (KB)

1947.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8368

Outside

Press@RunDepth: 53.18 psig @ 3458.00 ft (KB)

Start Date: 2008.12.12

End Date:

2008.12.13

Start Time: 19:47:36

End Time:

01:57:50

Capacity: 7000.00 psig

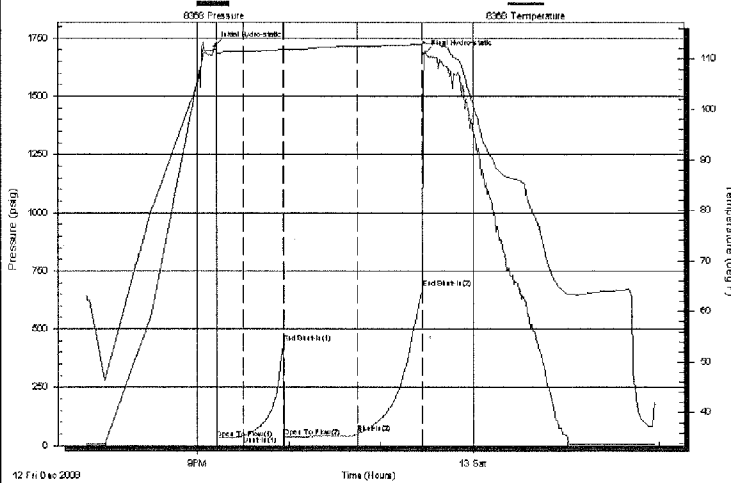
Last Calib.: 2008.12.13

Time On Btm: 2008.12.12 @ 21:11:20

Time Off Btm: 2008.12.12 @ 23:28:50

TEST COMMENT: IF- 1in blow built to 3in
IS- very weak surface blow
FF- weak surface blow built to 1in
FS- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1712.37	111.77	Initial Hydro-static
2	30.92	110.85	Open To Flow (1)
19	41.96	111.46	Shut-In (1)
45	441.75	111.86	End Shut-In (1)
46	38.66	111.83	Open To Flow (2)
94	53.18	112.46	Shut-In (2)
137	675.33	112.89	End Shut-In (2)
138	1680.60	113.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MCO 30%M 70%O	0.70
		0.84
		0.63

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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MAR 12 2009

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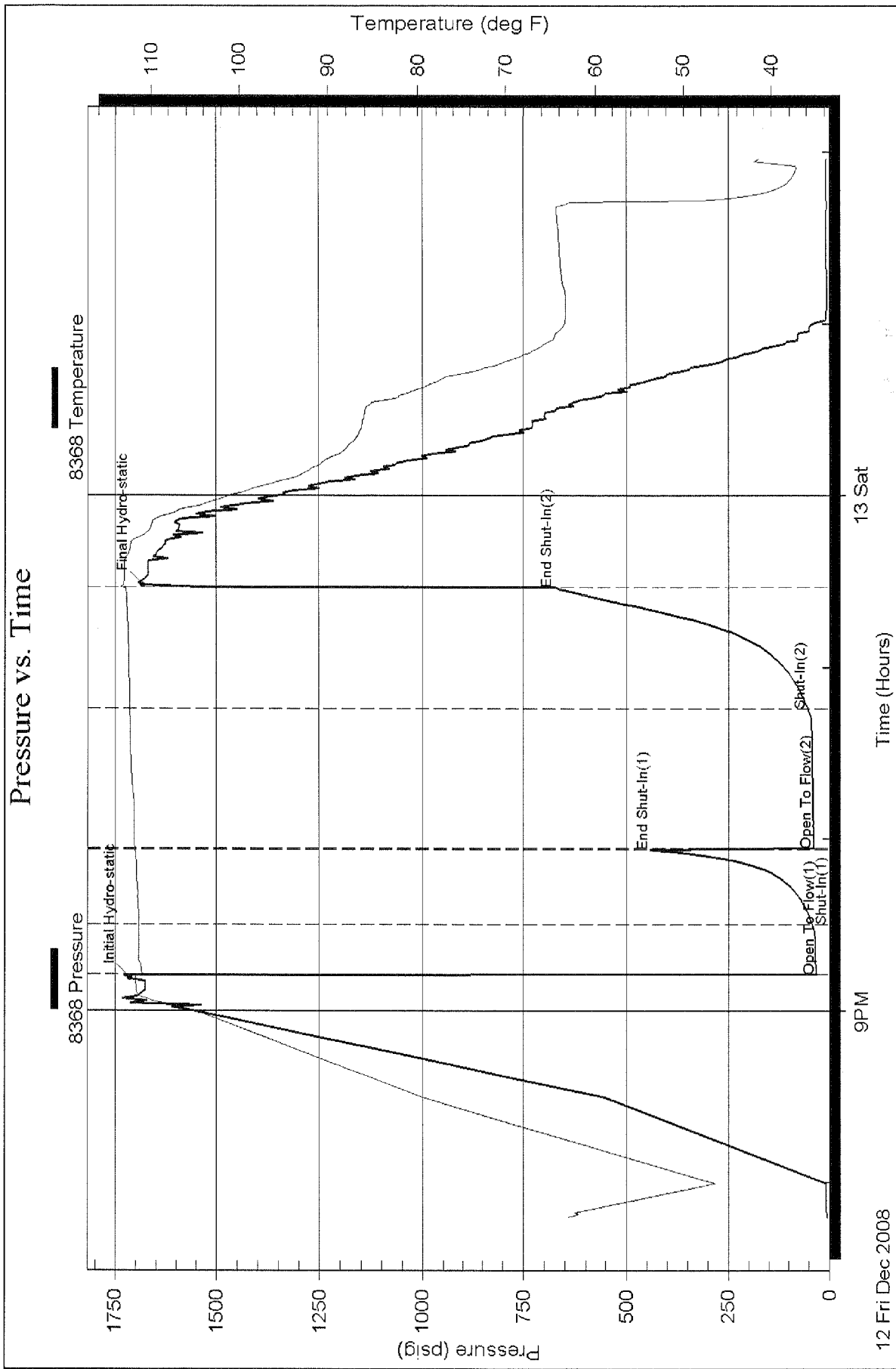
Serial #: 8368

Outside

Future Petroleum Co

Sec29Tw p19sRge15w

DST Test Number: 2



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Ref. No: 33075

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