



DRILL STEM TEST REPORT

Prepared For: **Michael Weilert Oil Company**

866 230th Avenue
Hays, Kansas 67601+9605

ATTN: Roger Moses

Wann #1

7/14S/19W/Ellis

Start Date: 2012.10.25 @ 18:00:00

End Date: 2012.10.26 @ 00:14:30

Job Ticket #: 16905 DST #: 4

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.10.28 @ 22:45:46

Michael Weilert Oil Company
7/14S/19W/Ellis
Wann #1
DST # 4
Arbuckle
2012.10.25



DRILL STEM TEST REPORT

TOOL DIAGRAM

Michael Weilert Oil Company

7/14S/19W/Ellis

866 230th Avenue
Hays, Kansas 67601+9605

Wann #1

Job Ticket: 16905

DST#: 4

ATTN: Roger Moses

Test Start: 2012.10.25 @ 18:00:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|-----------------------------------|
| Drill Pipe: | Length: 3835.00 ft | Diameter: 3.80 inches | Volume: 53.79 bbl | Tool Weight: 2000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 20000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: lb |
| | | | <u>Total Volume: 53.79 bbl</u> | Tool Chased: ft |
| Drill Pipe Above KB: | 5.83 ft | | | String Weight: Initial lb |
| Depth to Top Packer: | 3853.00 ft | | | Final lb |
| Depth to Bottom Packer: | 3908.42 ft | | | |
| Interval between Packers: | 55.42 ft | | | |
| Tool Length: | 79.25 ft | | | |
| Number of Packers: | 3 | Diameter: 6.75 inches | | |
| Tool Comments: | | | | |

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|--------------------|-------|------|---------|---------|-------------------------------|
| Shut In Tool | 5.00 | | | 3834.17 | |
| Hydraulic Tool | 5.00 | | | 3839.17 | |
| Jars | 5.00 | | | 3844.17 | |
| Safety Joint | 2.00 | | | 3846.17 | |
| Packer | 5.00 | | | 3851.17 | 23.83 Bottom Of Top Packer |
| Packer | 1.83 | | | 3853.00 | |
| Handling Sub | 5.00 | | | 3858.00 | |
| Perforations | 6.00 | | | 3864.00 | |
| Recorder | 0.00 | 6749 | Inside | 3864.00 | |
| Recorder | 0.00 | 6999 | Inside | 3864.00 | |
| Blank Off Sub | 0.67 | | | 3864.67 | |
| Travel Collar | 1.61 | | | 3866.28 | |
| Packer Anchor Side | 1.63 | | | 3867.91 | |
| Packer Tail Side | 1.61 | | | 3869.52 | |
| Change Over Sub | 0.66 | | | 3870.18 | |
| Drill Pipe | 31.60 | | | 3901.78 | |
| Change Over Sub | 0.64 | | | 3902.42 | |
| Perforations | 3.00 | | | 3905.42 | |
| Recorder | 0.00 | 6651 | Outside | 3905.42 | |
| Bullnose | 3.00 | | | 3908.42 | 55.42 Bottom Packers & Anchor |

Total Tool Length: 79.25



DRILL STEM TEST REPORT

FLUID SUMMARY

Michael Weilert Oil Company

7/14S/19W/Ellis

866 230th Avenue
Hays, Kansas 67601+9605

Wann #1

Job Ticket: 16905

DST#: 4

ATTN: Roger Moses

Test Start: 2012.10.25 @ 18:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 11.97 in³
Resistivity: ohm.m
Salinity: 12200.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------------|---------------|
| 240.00 | Drilling Mud 100% | 3.367 |

Total Length: 240.00 ft Total Volume: 3.367 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

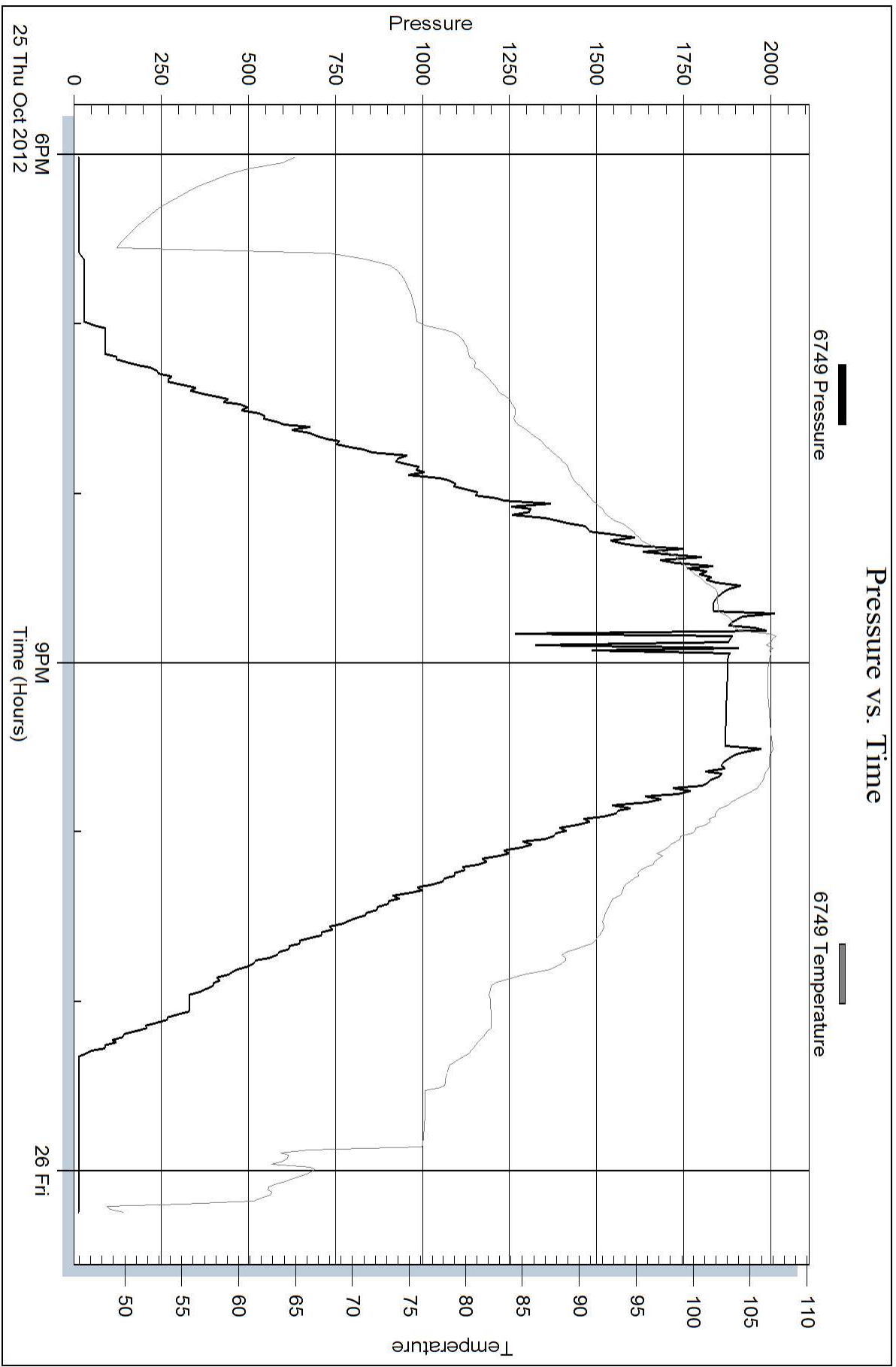
Serial #: 6749

Inside

Michael Weibert Oil Company

Wann #1

DST Test Number: 4

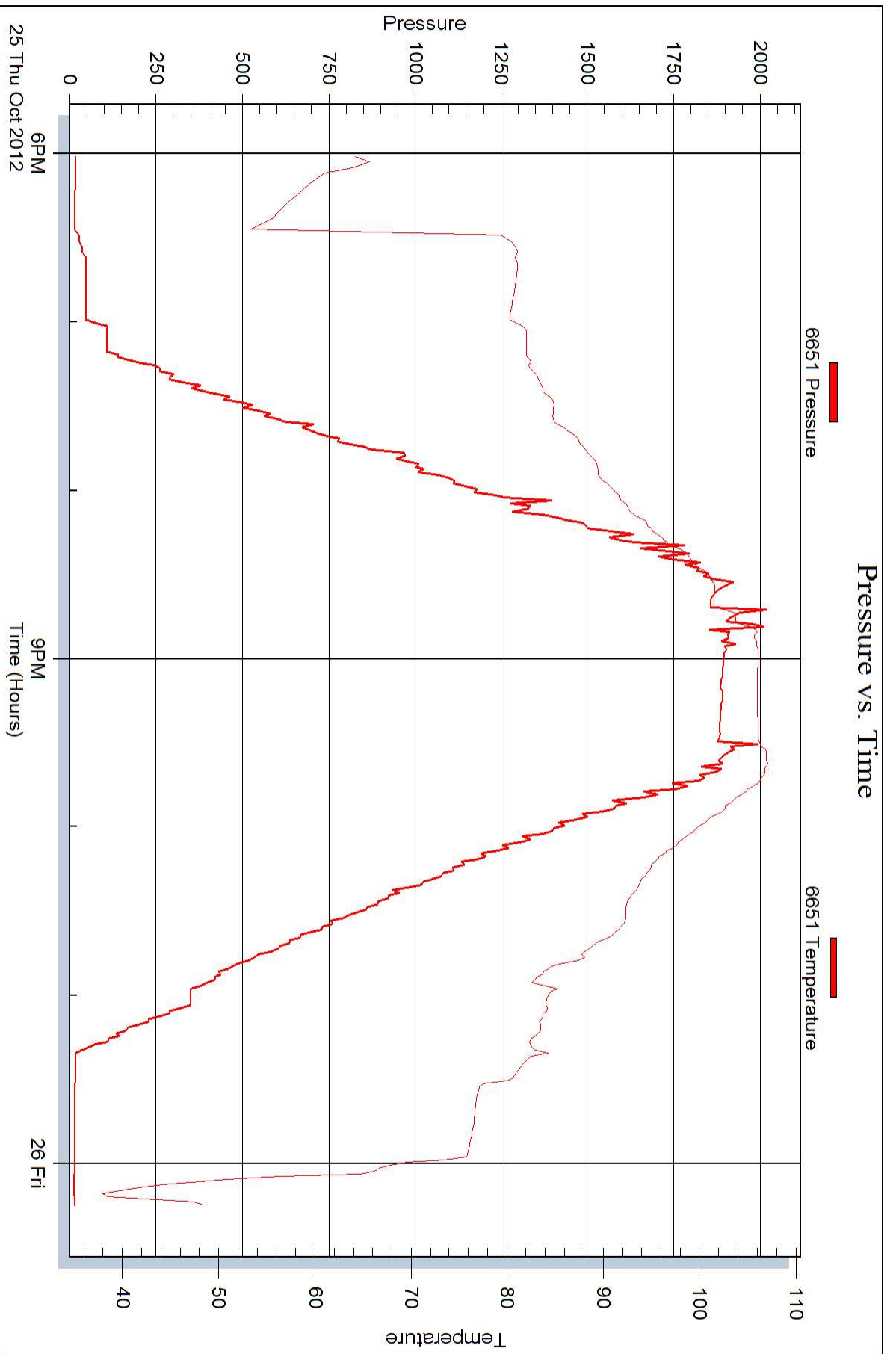


Serial #: 6651

Outside Michael Weibert Oil Company

Wann #1

DST Test Number: 4



Superior Testers Enterprises LLC

Ref. No: 16905

Printed: 2012.10.28 @ 22:45:48

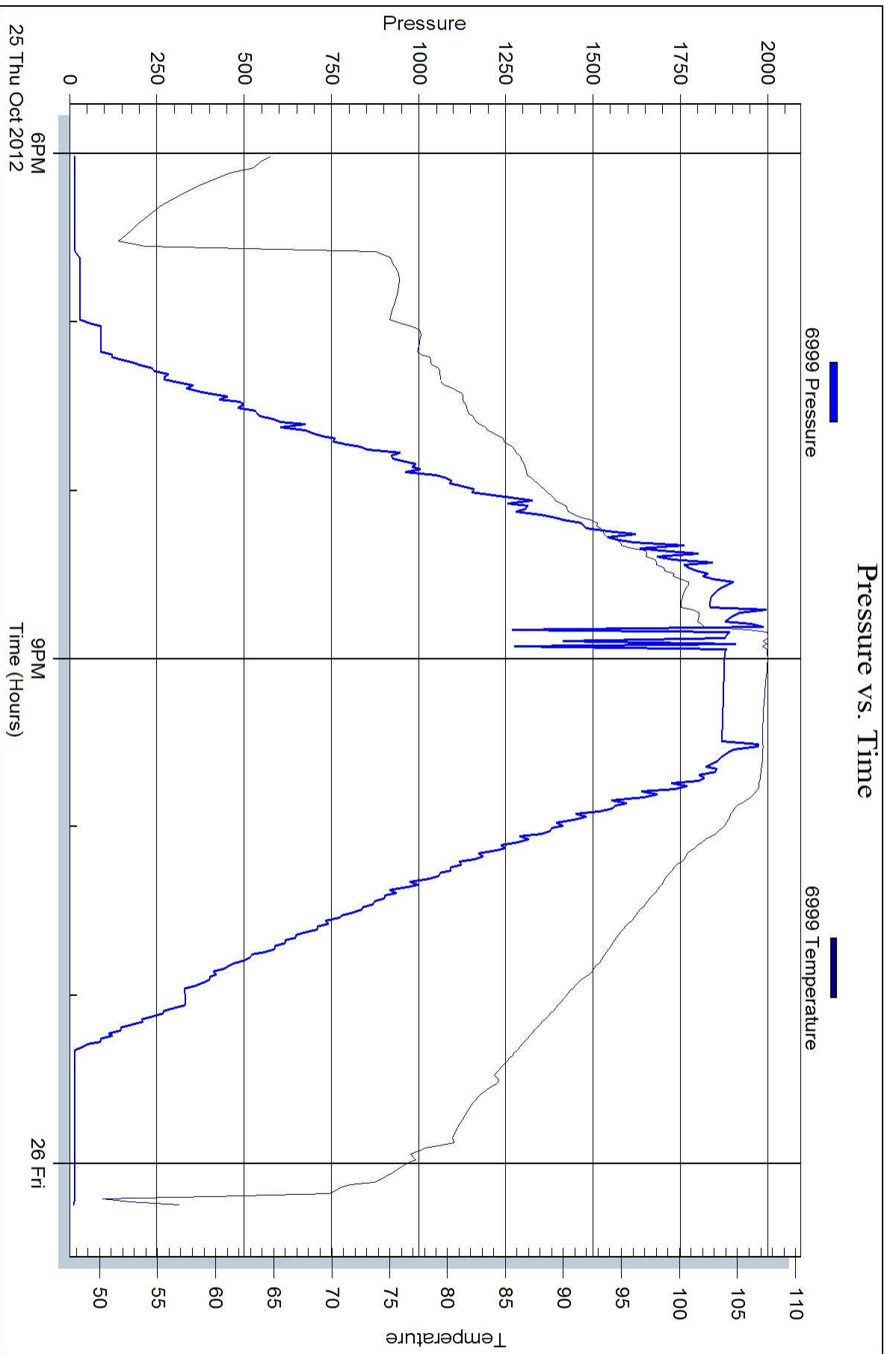
Serial #: 6999

Inside

Michael Weibert Oil Company

Wann #1

DST Test Number: 4



Superior Testers Enterprises LLC

Ref. No: 16905

Printed: 2012.10.28 @ 22:45:48