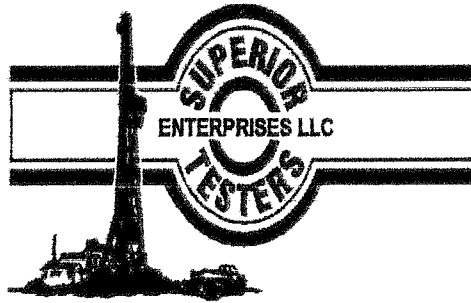


15-009-25353

7-16s-11w

IND



DRILL STEM TEST REPORT

Prepared For: **RICE PRODUCTION COMPANY**

1219 RANDOM RD
HOISINGTON KS 67544

ATTN: -

7-16S-11W BARTON

DEMEL #2

Start Date: 2009.12.12 @ 03:00:00

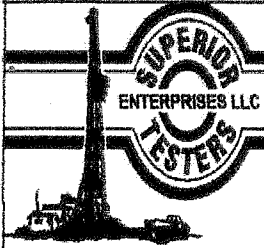
End Date: 2009.12.12 @ 09:18:00

Job Ticket #: 15877 DST #: 1

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

Printed: 2009.12.14 @ 13:36:01

RICE PRODUCTION COMPANY DEMEL #2 7-16S-11W BARTON DST # 1 LKC-I 2009.12.12



DRILL STEM TEST REPORT

TOOL DIAGRAM

RICE PRODUCTION COMPANY

DEMEL #2

1219 RANDOM RD
HOISINGTON KS 67544

7-16S-11W BARTON

Job Ticket: 15877

DST#: 1

ATTN: -

Test Start: 2009.12.12 @ 03:00:00

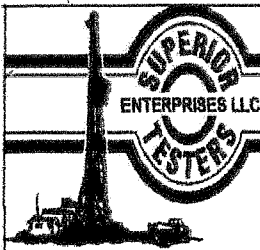
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3112.00 ft | Diameter: 3.88 inches | Volume: 45.51 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: 65000.00 lb |
| | | | <u>Total Volume: 45.51 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 3.00 ft | | | String Weight: Initial 60000.00 lb |
| Depth to Top Packer: | 3130.00 ft | | | Final 60000.00 lb |
| Depth to Bottom Packer: | 3347.00 ft | | | |
| Interval between Packers: | 217.00 ft | | | |
| Tool Length: | 238.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|--------------------------------|
| Change Over Sub | 1.00 | | | 3110.00 | -999999.00 |
| Shut-In Tool | 5.00 | | | 3115.00 | -999999.00 |
| Hydroic Tool | 5.00 | | | 3120.00 | -999999.00 |
| Packer | 5.00 | | | 3125.00 | 21.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3130.00 | -999999.00 |
| Perforations | 19.00 | | | 3149.00 | -999999.00 |
| Recorder | 0.00 | 8400 | inside | 3149.00 | -999999.00 |
| Recorder | 0.00 | 4143 | Outside | 3149.00 | -999999.00 |
| blank off sub | 0.75 | | | 3149.75 | -999999.00 |
| packer | 5.00 | | | 3154.75 | -999999.00 |
| change over sub | 0.75 | | | 3155.50 | -999999.00 |
| drill pipe | 185.75 | | | 3341.25 | -999999.00 |
| change over sub | 0.75 | | | 3342.00 | -999999.00 |
| Bullnose | 5.00 | | | 3347.00 | 217.00 Bottom Packers & Anchor |

Total Tool Length: 238.00



DRILL STEM TEST REPORT

FLUID SUMMARY

RICE PRODUCTION COMPANY

DEMEL #2

1219 RANDOM RD
HOISINGTON KS 67544

7-16S-11W BARTON

Job Ticket: 15877

DST#: 1

ATTN: -

Test Start: 2009.12.12 @ 03:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 8.79 in⁵
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: 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 |
|--------------|-------------|---------------|
| 50.00 | MUD 100%M | 0.731 |

Total Length: 50.00 ft Total Volume: 0.731 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8400

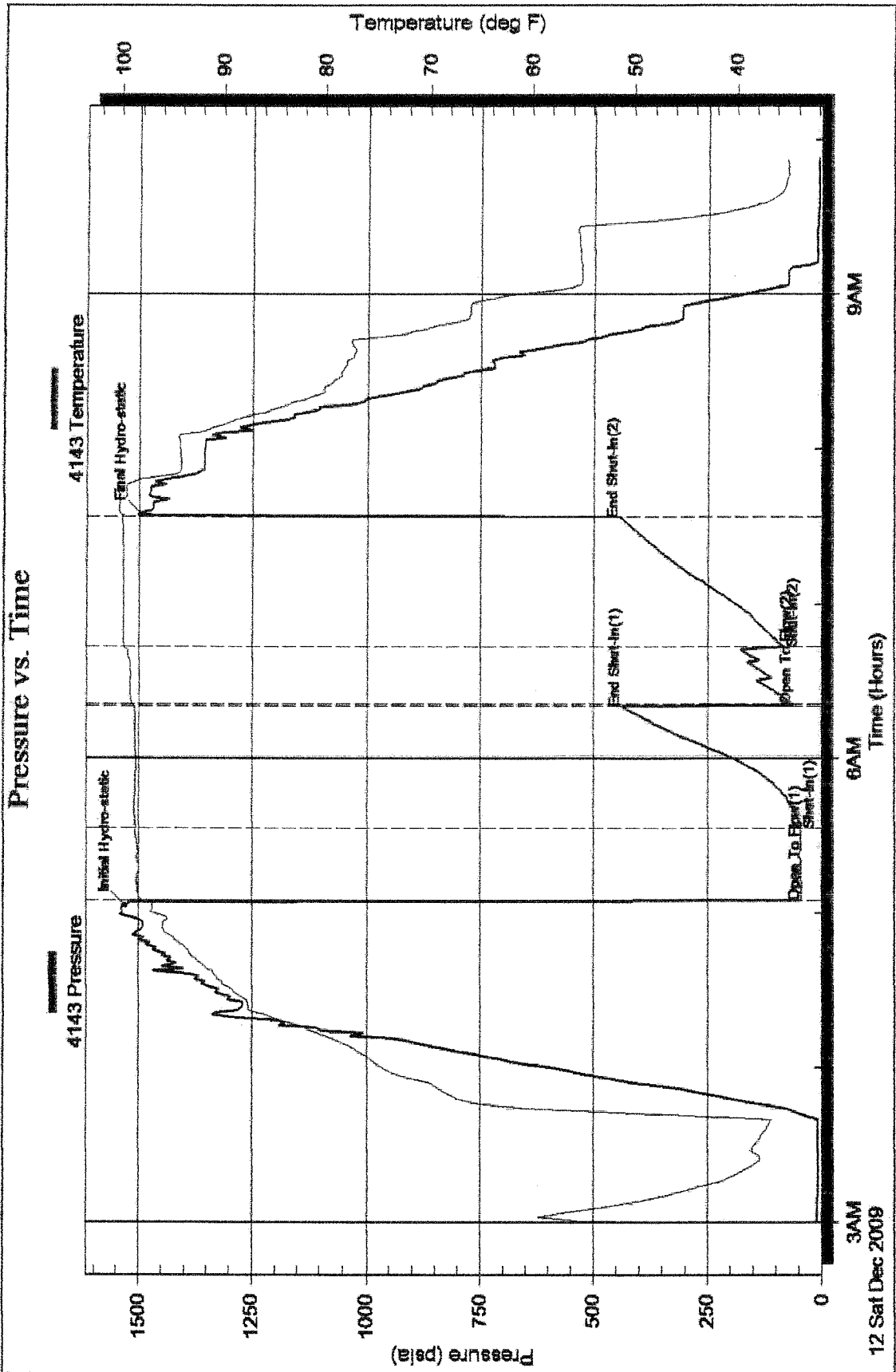
Inside

RICE PRODUCTION COMPANY

7-16S-11W BARTON

DST Test Number: 1

Pressure vs. Time



Printed: 2009.12.14 @ 13:36:02

Ref. No: 15877

Superior Testers Enterprises LLC

Serial #: 4143

Outside RICE PRODUCTION COMPANY

7-16S-11W BARTON

DST Test Number: 1

Pressure vs. Time

