

WATER SUPPLY WELL REPORT

JEFF 50287

Amended
11/16/98

Received Date 6/17/1998

Well ID # L 22300

Start Card # 112147

(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form.

(1) OWNER Well Number

Name **DESCHUTES VALLEY WATER DISTRICT**

Street **1141 SW CULVER HWY**

City **MADRAS** State **OR** Zip **97741**

(2) TYPE OF WORK

New Alter (Recondition) Alter (Repair)

Deepening Abandonmen

(3) DRILL METHOD

Rotary Air Rotary Mud Cable Auger

Other

(4) PROPOSED USE

Domestic Community Industria Irrigatio Injectio

Livestoc Thermal Other

(5) BORE HOLE CONSTRUCTION

Special Standards Depth of completed well **740** ft.

Explosives Used Amount Type

| From | To | Material | Amount | Seal Grout Weight | Units |
|------|-----|----------|--------|-------------------|-------|
| 410 | 427 | CO | 12 | | S |

How as seal placed: Method Other

Backfill placed from ft. TO ft. Material

Filler pack from ft. TO ft. Size in.

(6) CASING/LINER

| Diameter | From | To | Gauge | Material | Welded | Glued | Threaded |
|----------|------|-----|-------|----------|-------------------------------------|--------------------------|--------------------------|
| 10.00 | 0 | 425 | | S | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

(7) PERFORATION/SCREENS

Perforation Method

Screens Type Material

(8) WELL TESTS (Minimum testing time is 1 hour)

Temperature of water **53** *F/C Depth artesian flow found ft.

Was water analysis done?

By Whom? **DAVID J. NEWTON ASSOCIATES**

Did any strata contain water not suitable for intended use? Too Little Salty

Mudd Odor Colored Other

Depth of strata ft.

(9) LOCATION OF HOLE By legal description

County **Jefferson** Latitude Longitude

Township **12.00 S** Range **12.00 E** Subdivision

Tax lot 2800 Lot Block

Section **33 SW 1/4 NE 1/4**

Street Address of Well (or nearest address)
7676 SW LASALLE LANE, CULVER

MAP with location indentified must be attached

(10) STATIC WATER LEVEL

Fl. below land surface. Date

Artesian Pressure **50** lb/sq. in. Date **5/28/1998**

(11) WATER BEARING ZONES

Depth at which water was first found ft.

| From | To | Est. Flow Rate | SWL |
|------|-----|----------------|-----|
| 437 | 740 | | |

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WATER RESOURCES DEPT.
SALEM, OREGON

(12) WELL LOG

Ground Elevation ft.

| Material | From | To | SWL |
|-----------------|------|-----|-----|
| BLACK BASALT | 427 | 437 | |
| BROKEN RED CIND | 437 | 440 | |
| WEATHERED BASA | 440 | 445 | |
| MEDIUM HARD BAS | 445 | 455 | |
| HARD BLACK VISC | 455 | 484 | |
| WEATHERED BASA | 484 | 504 | |
| HARD BLACK VISC | 504 | 554 | |
| HARD BLACK BASA | 554 | 605 | |
| VERY HARD BASAL | 605 | 615 | |
| HARD BLACK BASA | 615 | 654 | |
| HARD BLACK BASA | 654 | 655 | |
| FRACTURED HARD | 655 | 684 | |
| BROKEN HARD BLA | 684 | 694 | |
| BROKEN HARD BLA | 694 | 702 | |
| FRACTURED BASAL | 702 | 713 | |
| HARD BLACK VISC | 713 | 720 | |
| HARD BLACK BASA | 720 | 740 | |

Date started **5/11/1998**

Completed **5/28/1998**

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to the best knowledge and belief.

WWC Number **1523**

Signed By **ROBERT STADELI**

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

WWC Number **1464**

Signed By **GREG MCINNIS**

WATER SUPPLY WELL REPORT

JEFF 50287

Received Date 6/17/1998

(as required by ORS 537.765)

Well ID # L

Instructions for completing this report are on the last page of this form.

Start Card # 112147

(1) OWNER Well Number _____

Name _____

DESCHUTES VALLEY WATER DISTRICT

Street 1141 SW CULVER HWY

City MADRAS State OR Zip 97741

(9) LOCATION OF HOLE By legal description

County Jefferson Latitude Longitude

Township 12.00 S Range 12.00 E Subdivision

Tax lot 2800 Lot Block

Section 33 SW 1/4 NE 1/4

Street Address of Well (or nearest address)
7876 SW LASALLE LANE, CULVER

MAP with location identified must be attached

(2) TYPE OF WORK

New Alter (Recondition) Alter (Repair)

Deepening Abandonment

(3) DRILL METHOD

Rotary Air Rotary Mud Cable Auger

Other _____

(10) STATIC WATER LEVEL

Ft. below land surface. Date

Artesian Pressure 80 lb/sq. in. Date 5/28/1998

(4) PROPOSED USE

Domestic Community Industrial Irrigation Injection

Livestock Thermal Other _____

(11) WATER BEARING ZONES

Depth at which water was first found ft.

| From | To | Est. Flow Rate | SWL |
|------|-----|----------------|-----|
| 437 | 740 | | |

(5) BORE HOLE CONSTRUCTION

Special Standards Depth of completed well 740 ft.

Explosives Used Amount Type

| Diameter | From | To | Material | Begin Depth | End Depth | Material Amount | Units |
|----------|--------|-----|----------|-------------|-----------|-----------------|-------|
| 12.00 | 230.00 | 427 | Cement | 10.00 | 427.00 | 12.00 | S |
| 8.00 | 427.00 | 740 | | | | | |

How as seal placed: Method Other

Backfill placed from ft. TO ft. Material

Filter pack from ft. TO ft. Size in.

(12) WELL LOG

Ground Elevation ft.

| Material | From | To | SWL |
|-----------------------------|------|-----|-----|
| BLACK BASALT | 427 | 437 | |
| BROKEN RED CINDERS | 437 | 440 | |
| WEATHERED BASALT | 440 | 448 | |
| MEDIUM HARD BASALT | 448 | 458 | |
| HARD BLACK VISCOUS BASALT | 458 | 484 | |
| WEATHERED BASALT, W/CLAY | 484 | 504 | |
| HARD BLACK VISCOUS BASALT | 504 | 554 | |
| HARD BLACK BASALT, FRACTURE | 554 | 608 | |
| VERY HARD BASALT | 608 | 618 | |
| HARD BLACK BASALT | 618 | 654 | |
| HARD BLACK BASALT, CLAY | 654 | 658 | |
| FRACTURED HARD BLACK BASAL | 658 | 684 | |
| BROKEN HARD BLACK BASALT | 684 | 694 | |
| BROKEN HARD BLACK BASALT, C | 694 | 702 | |
| FRACTURED BASALT | 702 | 713 | |
| HARD BLACK VISCOUS BASALT | 713 | 720 | |
| HARD BLACK BASALT, FRACTURE | 720 | 740 | |

(6) CASING/LINER

| Casing or Liner | Diameter | Begin Depth | End Depth | Gauge | Material | Weld | Threaded | Location Of Shoe |
|-----------------|----------|-------------|-----------|-------|----------|------|----------|------------------|
| C | 10.00 | 0.00 | 425.00 | | S | | | |

Date started 5/11/1998 Completed 5/28/1998

(7) PERFORATION/SCREENS

Perforation Method

Screens Type Material

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to the best knowledge and belief.

WWC Number 1523
Signed By ROBERT STADELI

(8) WELL TESTS (Minimum testing time is 1 hour)

| Type of Test | Yield | Units | Drawdown | Stem at | Duration of Test |
|---------------|--------|-------|----------|---------|------------------|
| Flowing Artes | 3500.0 | G | | | 1.0 |

Temperature of water 53 °F/C Depth artesian flow found ft.

Was water analysis done?

By Whom? DAVID J. NEWTON ASSOCIATES

Did any strata contain water not suitable for intended use? Too Little Salty

Mudd Odor Colored Other

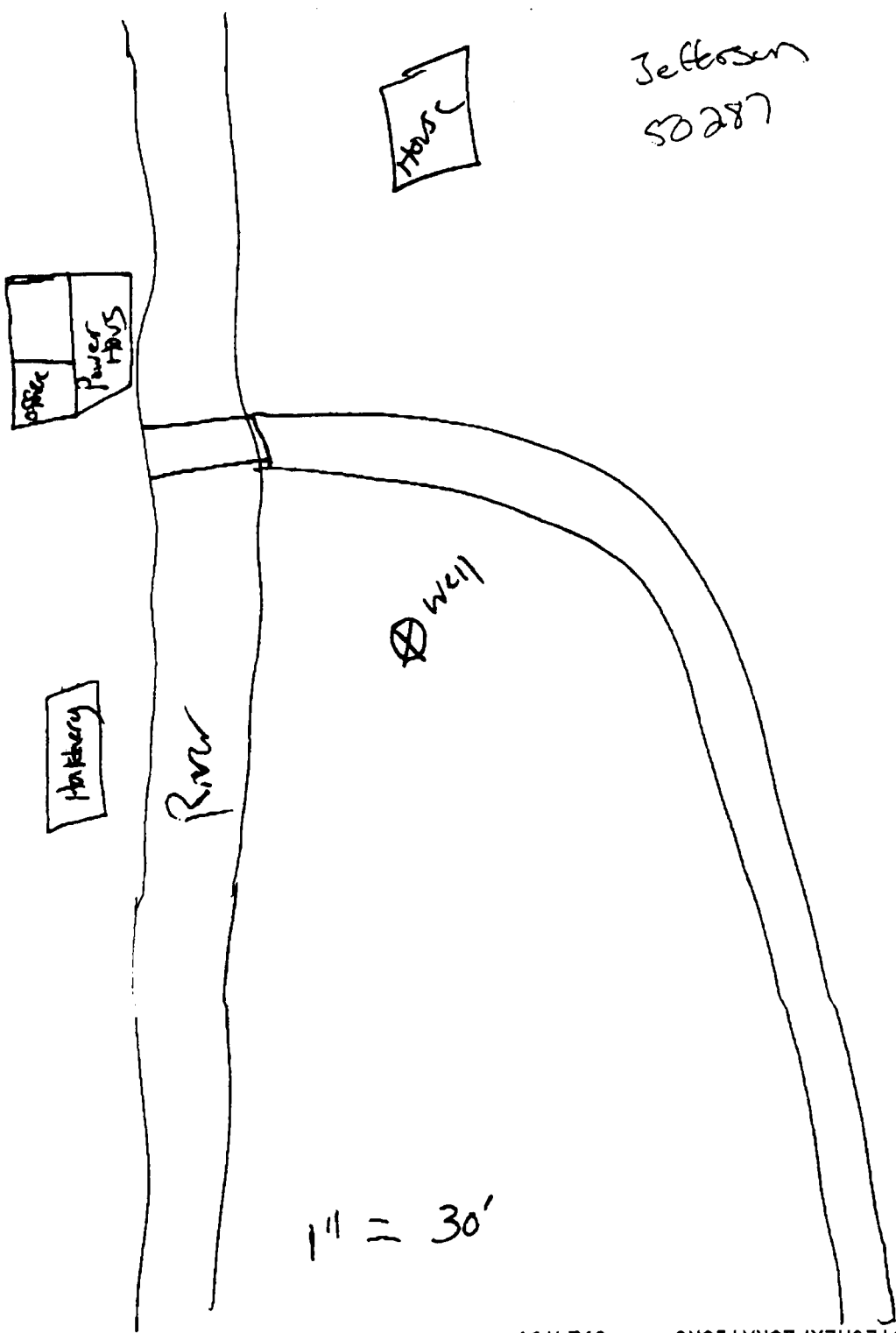
Depth of strata ft.

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1464
Signed By GREG MCINNIS GEO-TECH EXPLORATIONS

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SITE MAP



06/28 '98 19:10 NO.843 22

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GEOTECHEXPLORATIONS