

**NOTICE TO WATER WELL CONTRACTOR**

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310  
within 30 days from the date of well completion.

4307  
MARI...

**WATER WELL REPORT**

STATE OF OREGON

(Please type or print)

(Do not write above this line)

**RECEIVED**

JUL 15 1976

State Well No. \_\_\_\_\_  
State Permit No. 63/pw-21

**(1) OWNER:**

Name Jerry Barchus  
Address 5890 Quince St. NE Salem, OR 97305

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary  Driven   
Cable  Jetted   
Dug  Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**CASING INSTALLED:**

Threaded  Welded   
10 " Diam. from top ft. to 189 ft. Gage 250  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**PERFORATIONS:**

Perforated?  Yes  No.

Type of perforator used Mills Knife Perforator

Size of perforations 7/16 in. by 2 3/4 in.  
345 perforations from 99 ft. to 122 ft.  
330 perforations from 166 ft. to 188 ft.  
\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(7) SCREENS:**

Well screen installed?  Yes  No

Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level

Was a pump test made?  Yes  No If yes, by whom? driller  
Yield: 300 gal./min. with 4 ft. drawdown after 1 hrs.  
450 " " 6 " " 1 "  
" 650 " " 9 " " 1 "  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.

Temperature of water 53 Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used Portland Cement  
Well sealed from land surface to 20 ft.  
Diameter of well bore to bottom of seal 14 in.  
Diameter of well bore below seal 10 in.  
Number of sacks of cement used in well seal 18 sacks  
Number of sacks of bentonite used in well seal \_\_\_\_\_ sacks  
Brand name of bentonite \_\_\_\_\_  
Number of pounds of bentonite per 100 gallons of water \_\_\_\_\_ lbs./100 gals.  
Was a drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.  
Did any strata contain unusable water?  Yes  No  
Type of water? \_\_\_\_\_ depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_  
Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(10) LOCATION OF WELL:**

County Marion Driller's well number 1966  
1/4 Section 21 T. 6S R. 2W W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 59 ft.  
Static level 37 ft. below land surface. Date \_\_\_\_\_  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing \_\_\_\_\_  
Depth drilled 189 ft. Depth of completed well 189 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

| MATERIAL                      | From | To  | SWL |
|-------------------------------|------|-----|-----|
| Topsoil                       | 0    | 2   |     |
| Brown silty Clay              | 2    | 43  |     |
| Gray silty Clay               | 43   | 59  |     |
| Brown sand & some small grav. | 59   | 79  |     |
| Blue sandy Clay               | 79   | 94  |     |
| Blacksand and gravel, clay    | 94   | 102 |     |
| Brown sand and Gravel, clay   | 102  | 122 |     |
| Blue gravelly Clay            | 122  | 137 |     |
| Black sandy Clay              | 137  | 161 |     |
| Black cemented sand and grav. | 161  | 189 |     |

Work started 5/29/76 19 Completed 6/23/76 19  
Date well drilling machine moved off of well 6/23/76 19

**Drilling Machine Operator's Certification:**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Dallas & Peir Date 6/24/76, 19\_\_\_\_  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 752

**Water Well Contractor's Certification:**

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Willamette Drilling Co.  
(Person, firm or corporation) (Type or print)

Address 1450 Barnick Rd. NE Salem, OR 97303

[Signed] Dallas & Peir  
(Water Well Contractor)

Contractor's License No. 561 Date 6/24/76, 19\_\_\_\_