

RECEIVED

WATER WELL REPORT  
STATE OF OREGON

MAR 4 1982

WATER RESOURCES DEPT  
SALEM, OREGON

State Well No. 17S/1E-17  
State Permit No. LANE 14823

(1) OWNER:

Name DEERHORN COMMUNITY WATER ASSOCIATION  
Address 41587 MADRONE  
City SPRINGFIELD OR, 97477 State

(2) TYPE OF WORK (check):

New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air  Driven   
Rotary Mud  Dug   
 Bored

(4) PROPOSED USE (check):

COMMUNITY  
Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal:  Withdrawal  ReInjection

(5) CASING INSTALLED:

Steel  Plastic   
Threaded  Welded

8" Diam. from +6 ft. to 29 ft. Gauge 277  
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated?  Yes  No

Type of perforator used  
Size of perforations in. by in.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to ft.

(7) SCREENS:

Well screen installed?  Yes  No

Manufacturer's Name JOHNSON  
Type WATERMARK STAINLESS Model No.  
Diam. 6 7/8 I.D. Slot Size .075 Set from 28 ft. to 43 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? CQM PUMP CO  
Well: 152 gal./min. with 5.5 ft. drawdown after 8 hrs.  
Air test 200+ gal./min. with drill stem at 61.5 ft. 12 hrs.  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water 51° Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes  No

Well seal—Material used CEMENT  
Well sealed from land surface to 25 ft.  
Diameter of well bore to bottom of seal 14 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal 33+ 2 SACKS BENTONITE sacks  
How was cement grout placed? PUMPED TO BOTTOM OF SEAL ZONE AS SURFACE CSG WAS PULLED  
Was pump installed? NO Type HP Depth ft.  
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: ft.  
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County LANE Driller's well number  
¼ Section 17 T. 17S R. 1E W.M.  
Tax Lot # 400 Lot Blk Subdivision  
Address at well location: DEERHORN PARK

(11) WATER LEVEL: Completed well.

Depth at which water was first found 8 ft.  
Static level 8 ft. below land surface. Date 2 FEB 82  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing Cased to bottom

Depth drilled 61.5 ft. Depth of completed well 61.5 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 |
|---|------|------|-----|
| SILTY SAND BROWN (LOAM)                           | 0    | 6    |     |
| SANDY GRAVEL (BAIR RUN)                           | 6    | 35   | 8   |
| CLAYEY SANDY GRAVEL, TIGHT                        | 35   | 38   | "   |
| CLAYEY SANDY GRAVEL, PERMEABLE                    | 38   | 43   | "   |
| CLAY, BLUE GREY SOFT                              | 43   | 50   | "   |
| INCREASING HARDNESS, FINE GRAIN PYROCLASTIC ROCK. | 50   | 61.5 | "   |
| WATER BEARING STRATA                              | 8    | 43   |     |
| LARGE BOULDER 2' + AT                             | 22'  | 24'  |     |

Work started 1 FEB 19 82 Completed 18 FEB 19 82  
Date well drilling machine moved off of well 18 FEB 19 82

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] Walter N White Date 19 FEB 19 82  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 7086

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 W.N. WHITE DRILLING (Type or print)  
Address 91769 PRAIRIE RD JUNCTION CITY OR  
[Signed] Walter N White (Water Well Contractor)  
Contractor's License No. 638 Date 19 FEB 19 82

NOTICE TO WATER WELL CONTRACTOR  
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date of well completion.

SP-12658-690