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.

RECEIVED
AUG 24 1977
WATER RESOURCES DEPT.
SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

2710 MARION

State Well No. 5S/2W-28a

State Permit No. G-6638

(1) OWNER:
Name: Department of Fish & Wildlife
Address: 1634 SW Alder St. Portland, Ore. 97208

(2) TYPE OF WORK (check):
New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary [X] Driven [ ]
Cable [ ] Jetted [ ]
Dug [ ] Bored [ ]

(4) PROPOSED USE (check):
Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [X]

CASING INSTALLED:
Threaded [ ] Welded [X]
16" Diam. from +3 ft. to 344'2½" Gage .375
* 6" Diam. from +2 ft. to 27'2" ft. Gage .250
" Diam. from ft. to ft. Gage

* gravel feed

PERFORATIONS:
Perforated? [X] Yes [ ] No
Type of perforator used: Mill cut
Size of perforations ½ in. by 3 in.
608 perforations from 137'3" ft. to 157'3½" ft.
608 perforations from 217'5½" ft. to 237'4½" ft.
1840 perforations from 277'6" ft. to 338'2½" ft.

(7) SCREENS:
Well screen installed? [ ] Yes [X] 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? [X] Yes [ ] No If yes, by whom? Driller
Yield: gal./min. with ft. drawdown after hrs.
See sheet attached " "
" " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used: Cement
Well sealed from land surface to 25'6" ft.
Diameter of well bore to bottom of seal 32 in.
Diameter of well bore below seal 32 in.
Number of sacks of cement used in well seal 45 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 [X] 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? [X] Yes [ ] No Size of gravel: 3/4 - 1½
Gravel placed from 25'6" ft. to bottom ft.

(10) LOCATION OF WELL:
County Marion Driller's well number 7715
¼ NE ¼ Section 28 T. 5S R. 2W W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found ft.
Static level 56 ft. below land surface. Date 8-8-77
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:
Diameter of well below casing -
Depth drilled 343 ft. Depth of completed well 343 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
See sheet attached			

Work started 6-6 19 77 Completed 8-8 19 77
Date well drilling machine moved off of well 8-8 19 77

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] Donald G. Davis (Drilling Machine Operator) Date 8-22, 19 77
Drilling Machine Operator's License No. 1085

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 Schneider Equipment, Inc. (Person, firm or corporation) (Type or print)
Address Star Rt., Box 97, St. Paul, Ore. 97137
[Signed] Stephen J. Schneider (Water Well Contractor)
Contractor's License No. 649 Date 8-22-77, 19

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119

DEPT. OF FISH & WILDLIFE

Material	From	To
Clay, brown	0	26
Clay, silty gray, fine sandy	26	34
Clay, gray	34	45
Sand, fine, black	45	46
Clay, gray	46	47½
Sand, fine, black	47½	50
Clay, gray	50	51
Sand, fine, black	51	53
Clay, gray	53	54
Sand, fine,black	54	55½
Clay, gray	55½	60
Sand, fine, black	60	61½
Clay, gray	61½	65
Clay, dark gray	65	67
Sandstone, fine, black	67	68
Sand, fine, black	68	69
Cemented sand, streaks hard & soft	69	73
Sand, coarse & pea gravel	73	89
Sand, medium coarse, black	89	99
Sand, coarse & pea gravel	99	102
Gravel, pea size up to 3"	102	104
Sand, coarse w/ wood, black	104	105
Clay, gray w/ pea gravel	105	107
Sand, medium w/ wood	107	110
Gravel, up to 3"	110	111
Sand, medium black	111	115
Gravel & coarse sand, pea size up to 3"	115	119
Gravel & coarse sand, loosely cemented up to 5"	119	128
Gravel, up to 3/4" & coarse sand	128	132
Gravel, pea size up to 4" & coarse sand	132	143
Gravel, pea soze up to 9" & coarse sand	143	150
Clay, dark gray	150	155
Clay, fine sandy, dark gray	155	157
Sand, streaks fine cemented, medium black	157	159
Sandstone, very fine w/ some black clay	159	166
Clay, gray	166	172
Claystone & gravel, cemented hard, black	172	173
Cemented sand, occasional gravel & clay, dark gray	173	175
Sand, cemented, black	175	176
Clay, brown	176	179
Clay, silty, gray	179	180
Sand, medium fine, gray w/ some soft clay	180	186
Sand, cemented, dark gray w/ some soft clay	186	187
Sand, medium, dark gray	187	191
Clay, brown	191	198

#7715

Material	From	To
Clay, gray	198	200
Clay, blue-green	200	204
Clay, green	204	205
Clay, silty dry, green	205	210
Gravel, ½" to 6"	210	214
Sand, coarse & gravel (mostly gravel) to 6"	214	231
Clay, gray	231	241
Sand, dry cemented	241	242½
Clay, gray	242½	248
Sand, hard cemented	248	251
Clay, gray	251	259
Clay, green	259	269
Sand, medium coarse	269	271
Gravel, up to 3"	271	309
Gravel, cemented in gray clay	309	313
Gravel, loosely cemented	313	328
Gravel & boulders up to 9"	328	339
Clay, gray w/ gravel	339	340
Clay, gray	340	343

Well Test
Dept. of Fish & Wildlife
St. Louis Ponds

#7715
7/25/17

Water Level (below top of casing)

100' 90' 80' 70' 60' 50' 40'

1300 gpm @ 72'1" PL
after 7 hrs 40 min
Water Clear

2010 gpm @ 83'3" PL
after 6 hrs 35 min
Water Clear

2700 gpm @ 91'2" PL
after 5 hrs 45 min
Water Clear w/ trace of sand

3100 gpm @ 96'8" PL
after 5 hrs 10 min
Water Clear w/ trace of sand

Recovery Time*	data: WL
1	72'1"
3	63'0"
5	62'2"
7	61'9"
10	61'4"
15	61'1"
20	60'9"
25	60'6"
30	60'4"

Time	WL
1	60'2"
2	59'11"
3	58'9"
4hrs.	53'0"

* after pump shutoff in minutes

1500 Gallons per Minute