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.

CLAC

613358

WATER WELL REPORT

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

RECEIVED
NOV 10 1975
WATER RESOURCES DEPT.
SALEM, OREGON

State Well No. 4S-1E-19

State Permit No.

(1) OWNER:

Name Ellis Hester

Address Rt. 3, Box 435
Aurora, Ore. 97002

(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 [X] Test Well [ ] Other [ ]

(10) LOCATION OF WELL:

County Clackamas Driller's well number 7508

¼ ¼ Section 19 T. 4S R. 1W W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 35 ft.

Static level 35 ft. below land surface. Date 6-19-75

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing –

Depth drilled 323 ft. Depth of completed well 295'1" 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			
** 6" casing installed from plus 2' to 80' Gage .250			

Work started 1-20-75 19 Completed 11-5- 1975

Date well drilling machine moved off of well 11-5 1975

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] Edgar J. Mullen (Drilling Machine Operator) Date 11-6, 1975

Drilling Machine Operator's License No. 581

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] Mike Schneider (Water Well Contractor)

Contractor's License No. 387 Date 11-6, 1975

(5) CASING INSTALLED:

Threaded [ ] Welded [X]

16 " Diam. from +2'4" ft. to 114'2" ft. Gage .250
16 " Diam. from 114'2" ft. to 195'4" ft. Gage .375
16 " Diam. from 195'4" ft. to 235'9" ft. Gage .250
16 " Diam. from 235'9" ft. to 276'4" ft. Gage .375
16 " Diam. from 276'4" ft. to 295'1" ft. Gage .250

PERFORATIONS:

Perforated? [X] Yes [ ] No.

Type of perforator used Next column cutting torch

Size of perforations 3/8 in. by 6 in.

1296 perforations from 114'2" ft. to 195'4" ft.
640 perforations from 235'9" ft. to 276'4" ft.
perforations from ft. to 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?

Yield: 1320 gal./min. with 150 ft. drawdown after 185 PL 4 hrs.
890 " 101 136 PL 4½ "
" " " "

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 pressure grouted cement 15 - 4 Cu ft zonolite & permalite

Well sealed from land surface to 20' and 50 to 70 ft.

Diameter of well bore to bottom of seal 36 in.

Diameter of well bore below seal 36 in.

Number of sacks of cement used in well seal 80 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 [X] No

Type of water? – depth of strata –

Method of sealing strata off –

Was well gravel packed? [X] Yes [ ] No Size of gravel: 3/4-3/8

Gravel placed from 0 ft. to bottom ft.

Pressed into cement

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45658-119

Ellis Hester

7508

Material	FROM	TO
top soil	0	3
brown clay	3	17
brown silty clay	17	28
brown sand	28	41
black sand	41	46
soft brown clay	46	48
brown fine sand	48	57
soft gray clay	57	60
black sand	60	67
blue clay	67	75
gray clay	75	84
black sand stone	84	90
black sand	90	94
brown clay	94	102
gray sand	102	104
gray shale	104	105
gray clay	105	109
gray coarse sandy clay	109	113
black sand & clay layers	113	120
gray clay	120	128
cemented black sand	128	138
gray clay (wood 142')	138	143
gray sandy clay	143	156
gray clay	156	164
black cemented sand	164	168
brown shale	168	182
fine black sand	182	188
black sand	188	200
cemented black sand	200	203
brown clay	203	232
blue sandy clay (wood 247')	232	265
Pea gravel (wood 266')	265	267
gray clay	267	269
pea gravel	269	271
gray clay	271	323