

TO WATER WELL CONTRACTOR
 The original and first copy
 of this report are to be
 filed with the
 STATE ENGINEER, SALEM 10, OREGON
 within 30 days from the date
 of well completion.

FEB 10 1964 WATER WELL REPORT

CLAC
 01783
 Well No. 3/5-28
 State Permit No.

(1) OWNER: THE U.S. DEPT. OF INTERIOR
 Name BUREAU OF SPORTS FISHERIES & WILDLIFE
 Address 1002 N.E. HOLLADAY
 P.O. BOX 3737 PORTLAND 8, OREGON

(2) LOCATION OF WELL: Eagle Creek National Fish Hatchery
 County Clackamas Driller's well number 28
 1/4 Section 28 T. 3 So R. 5 E. W.M.
 Bearing and distance from section or subdivision corner

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

PROPOSED USE (check):
 Domestic Industrial Municipal Irrigation Test Well Other Fish Hatchery

(5) TYPE OF WELL:
 Rotary Driven
 Cable Jetted
 Dug Bored

(6) CASING INSTALLED:
 16" Diam. from 0 ft. to 180 ft. Gage .250
 12" Diam. from 164 ft. to 256 ft. Gage .250
 10" Diam. from 250 ft. to 500 ft. Gage .250

(7) PERFORATIONS:
 Type of perforator used Star 2 way
 Size of perforations 3/8 in. by 1 1/4 in.
 120 perforations from 181 ft. to 191 ft.
 120 perforations from 257 ft. to 267 ft.
 600 perforations from 375 ft. to 425 ft.

(8) SCREENS:
 Well screen installed? Yes No
 Manufacturer's Name _____
 Type _____ Model No. _____
 Diam. Slot size Set from _____ ft. to _____ ft.
 m. Slot size Set from _____ ft. to _____ ft.

(9) CONSTRUCTION:
 Well seal—Material used in seal Cement & Sand
 Depth of seal 25 ft. Was a packer used? no
 Diameter of well bore to bottom of seal 22 in.
 Were any loose strata cemented off? Yes No Depth _____
 Was a drive shoe used? Yes No
 Was well gravel packed? Yes No Size of gravel: _____
 Gravel placed from _____ ft. to _____ ft.
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

(10) WATER LEVELS:
 Static level 11 ft. below land surface Date 10/14/63
 Artesian pressure _____ lbs. per square inch Date _____

(11) WELL TESTS:
 Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? Haakon Bottner Drilling Co.
 Yield: 60 gal./min. with 504 ft. drawdown after 24 hrs.
 " " " " " "
 " " " " " "
 Bailer test gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water 53 Was a chemical analysis made? Yes No

(12) WELL LOG:
 Diameter of well below casing 10"
 Depth drilled 593 ft. Depth of completed well Back filled to 578 ft.
 Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

| MATERIAL | FROM | TO |
|------------------|------|-----|
| Boulders & Clay | 0 | 25 |
| Shale, red | 25 | 187 |
| Boulders | 187 | 189 |
| Shale, red | 189 | 244 |
| Basalt, black | 244 | 380 |
| Basalt, red | 380 | 440 |
| Basalt, gray | 440 | 570 |
| Clay, red sticky | 570 | 593 |

Work started April 15 1963 Completed Oct. 14 1963
 Date well drilling machine moved of well Oct. 24 1963

(13) PUMP:
 Manufacturer's Name _____
 Type: _____ H.P. _____

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 HAAKON BOTNER DRILLING COMPANY
 (Person, firm, or corporation) (Type or print)
 Address 11544 N. ELISAN ST. PORTLAND, ORE
 Drilling Machine Operator License No. 246
 [Signed] H. Bottner (Water Well Contractor)
 Contractor's License No. 109 Date NOV. 24, 1963