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APR 13 1984

State Well No. 99/6E-21dc

WATER RESOURCES DEPT SALEM, OREGON

State Permit No.

WATER WELL REPORT STATE OF OREGON

MARI... 15987

PLEASE TYPE or PRINT

(1) OWNER:

Name WILLAMETTE NATIONAL Forest - Detroit Address P.O. Box 10607 City EUGENE State OREGON

(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 Air [] Driven [] Rotary Mud [] Dug [] Bored [] X

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal [] Irrigation [] Test Well [] Other [] X Thermal: Withdrawal [] ReInjection [] X

(5) CASING INSTALLED:

Steel [X] Threaded [] Plastic Welded [] 6" Diam. from 7.1 ft. to 9.2 ft. Gauge .250

LINER INSTALLED:

4 1/2" Diam. from -4 ft. to 146 ft. Gauge .250

(6) PERFORATIONS:

Perforated? [X] Yes [] No Type of perforator used SAW Size of perforations 1/8 in. by 6 in. 168 perforations from 90 ft. to 138 ft.

(7) SCREENS:

Well screen installed? [] Yes [X] No Manufacturer's Name Type 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 14 gal./min. with 76 ft. drawdown after 4 hrs.

(9) CONSTRUCTION:

Special standards: Yes [] No [] Well seal—Material used CEMENT GROUT Well sealed from land surface to 21 ft. Diameter of well bore to bottom of seal 10 in. Diameter of well bore below seal 6 in. Number of sacks of cement used in well seal 11 sacks How was cement grout placed? PRESSURE GROUT AS 10" STARTER PIPE PULLED Was pump installed? NO Type HP Depth ft. Was a drive shoe used? [X] Yes [] 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? [] Yes [X] No Size of gravel: Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County MARION Driller's well number DR-207 SW 1/4 SE 1/4 Section 21 T. 9S R. 6E W.M. Tax Lot # Lot Blk Subdivision Address at well location: HUMBURG CAMPGROUND

(11) WATER LEVEL: Completed well.

Depth at which water was first found 97 ft. Static level 36 ft. below land surface. Date Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6" Depth drilled 151 ft. Depth of completed well 146 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.

Table with columns: MATERIAL, From, To, SWL. Rows include TOP SOIL, CLAY-BROWN, BOULDERS w/CLAY, CLAY-BROWN-SOFT, CLAY-ORANGE/BROWN w/ GRAVEL (WATER BEARING), CLAY-BROWN-SOFT-CASING.

Work started 2-22 1984 Completed 3-6 1984 Date well drilling machine moved off of well 3-7 1984

(unbonded) Water Well Constructor Certification (if applicable): This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief. [Signed] Charles D. Nugent Date 3-7, 1984

Bonded Water Well Constructor Certification: Bond Issued by: TRAVELERS Surety Company Name This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Name NUGENT DRILLING Co. Address 31969 Rock Hill Dr, Lebanon [Signed] Charles D. Nugent Water Well Constructor Date 3-7, 1984

NOTICE TO WATER WELL CONSTRUCTOR 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.

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