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NOTICE TO WATER WELL CONTRACTOR WATER WELL REPORT

IN/1-29

STATE ENGINEER, SALEM 10, OREGON STATE OF OREGON (Please type or print) SALEM, OREGON

State Well No. State Permit No.

(1) OWNER: Name HERCULES POWDER CO Address 3366 NW YEON AVE PORTLAND ORE

(2) LOCATION OF WELL: County MULT. Driller's well number 4133 1/4 Section 29 T. 1N R. 1E W.M. Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check): New Well [X] Deepening [] Reconditioning [] Abandonment []

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

(6) CASING INSTALLED: 12" Diam. from 0 ft. to 243 ft. Gage 3.30

(7) PERFORATIONS: Perforated? [] Yes [X] No Type of perforator used Size of perforations in. by in.

(8) SCREENS: Well screen installed [] Yes [] No Manufacturer's Name Model No. Slot size Set from ft. to ft.

(9) CONSTRUCTION: Well seal—Material used in seal CEMENT GROUT Depth of seal 31 ft. Was a packer used? NO Diameter of well bore to bottom of seal 16 in.

(10) WATER LEVELS: Static level 30 ft. below land surface Date 10/13/62 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? Yield: 315 gal./min. with 275 ft. drawdown after 11 hrs.

(12) WELL LOG: Diameter of well below casing Depth drilled ft. Depth of completed well 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.

Table with columns: MATERIAL, FROM, TO. Rows include SAND AND GRAVEL FILL, DARK GREY SILT, CLAY, GREEN AND BROWN, SAND, GRAVEL AND CLAY, SAND AND GRAVEL, CONGLOMERATE, MED. HARD BASALT, SOFT BROWN ROCK, MED HARD GREY BASALT, HARD GREY BASALT SOME JEANS, POROUS GREY ROCK, HARD GREY BASALT, MED. HARD GREY BASALT, MED. HARD BROWN, HARD GREY BASALT, POROUS BLACK ROCK, MED HARD GREY, HARD GREY BASALT, MED SOFT POROUS BLACK ROCK, HARD BLACK ROCK.

Work started 7/2 1962 Completed 10/16 1962 Date well drilling machine moved off of well 10/17 1962

(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 R.J. STRASSER DRILLING CO (Person, firm or corporation) (Type or print) Address 8110 SE SUNSET LANE PORTLAND, ORE Drilling Machine Operator's License No. GLENN RYMAN [Signed] Robert L. Strasser (Water Well Contractor) Contractor's License No. 10 Date OCT 22, 1962