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WATER WELL REPORT

STATE ENGINEER STATE OF OREGON SALEM, OREGON

MULT

920

1N/1-2 E

bed

1N/1-2 E

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

State Well No. State Permit No.

(1) OWNER:

Name School District No. 1 Multnomah Co. Address 620 N.E. Halsey St. Portland Ore.

(2) LOCATION OF WELL: For Columbia School 716 N.E. Marine Drive Multnomah County

Owner's number, if any - 1/4 Section T. R. W.M.

Bearing and distance from section or subdivision corner Tax Lot No. 15 Bridgeton Addition

Sec, Tw, & R. not shown

(3) TYPE OF WORK (check):

New Well [X] Deepening [] Reconditioning [] Abandon []

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal [] Irrigation [X] Test Well [] Other [] Fire Protection [X]

(5) TYPE OF WELL:

Rotary [] Driven [] Cable [X] Jetted [] Bored []

(6) CASING INSTALLED:

12" Diam. from 0 ft. to 20 1/2 ft. Gage # 279 10" Diam. from 0 ft. to 140 ft. Gage # 279

(7) PERFORATIONS:

Perforated? [X] Yes [] No Type of perforator used Star 4 way Drive Down SIZE of perforations 3/8 in. by 1 1/4 in. 84 perforations from 133 1/2 ft. to 137 ft. 192 perforations from 139 ft. to 147 ft. 120 perforations from 185 ft. to 190 ft.

(8) SCREENS:

Well screen installed [] Yes [X] No Manufacturer's Name Type Model No. Slot size Set from ft. to ft. diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Was well gravel packed? [] Yes [X] No Size of gravel: 35 Gravel placed from ft. to ft. Was a surface seal provided? [X] Yes [] No To what depth? 35 ft. Material used in seal - Sand, cement Did any strata contain unusable water? [] Yes [] No Type of water? Depth of strata Method of sealing strata off

(10) WATER LEVELS:

Static level 15'8" ft. below land surface Date 3/16/65 Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] Date, 19 (Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level. Was a pump test made? [X] Yes [] No If yes, by whom BOTTLNER DRILLING Co. Yield: 300 gal./min. with 1 1/2 ft. drawdown after 2 hrs. 495 " 7 1/2 " 4 " 555 " 13 " 3 " 735 gal./min. with 54 ft. drawdown after 8 hrs.

Artesian flow g.p.m. Date Temperature of water Was a chemical analysis made? [] Yes [X] No

(12) WELL LOG:

Diameter of well 12 inches. Depth drilled 217 ft. Depth of completed well 217 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 Soil, top; Clay, brown; Clay, blue; Clay, blue, sandy; Sand, gray, fine; Gravel, large, water bearing approx. 120 gpm; Sand, black heaving; Gravel, cemented, water seams between 183 to 190

Note :

When started to develop by swabbing, the pressure of the heaving sand sifting thru LARGE GRAVEL, was unable to develop Set 10" casing down to the 140'2" back filled hole with sand to 140', made a grout w/12 sks cement & sand, lowered cmt. w/cmt. bucket 13' in the 12" hole from 140 to 127, pulled the 10" casing up 15' and reset immediately in grout, let set 72 hrs. The 10" casing is belled out & welded to the top of 12" .

Work started Jan. 7 1965. Completed March 16 1965

(13) PUMP:

Manufacturer's Name Type: H.P.

Well Driller's Statement:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME HAAKON BOTTLNER DRILLING COMPANY (Person, firm, or corporation) (Type or print)

Address 3424 S.E. 174 th. AVE. PORTLAND ORE.

Driller's well number

[Signed] Haakon Bottner (Well Driller)

License No. 109 Date, 19