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NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

1966 WATER WELL REPORT

State Well No. 11/13-2 J

State Permit No.

(1) OWNER:

Name CITY OF MADRAS
Address MADRAS, OREGON

(2) LOCATION OF WELL:

County JEFFERSON Driller's well number 4220
NE 1/4 SE 1/4 Section 2 T. 11 S R. 13 E W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
andonment, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

Domestic Industrial Municipal Rotary Driven
Irrigation Test Well Other Cable Jetted
Dug Bored

(5) TYPE OF WELL:

(6) CASING INSTALLED: Threaded Welded
16" Diam. from 0 ft. to 195 ft. Gage 375
12" Diam. from 164 ft. to 451 ft. Gage 330

(7) PERFORATIONS:

Perforated? Yes No
Type of perforator used STAR
Size of perforations 3/8 in. by 1 1/4 in.
960 perforations from 424 ft. to 440 ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(8) SCREENS:

Well screen installed? Yes No
Manufacturer's Name
Model No.
Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Well seal—Material used in seal CEMENT GROUT
Depth of seal 158-215 ft. Was a packer used? YES
Diameter of well bore to bottom of seal 20 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: 5/8 MINUS
Gravel placed from 215 ft. to 440 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 326 ft. below land surface Date 1/31/66
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? STRASSER
Yield: 470 gal./min. with 47 ft. drawdown after 12 hrs.
" 345 " 38 " 1 1/2 "
" 218 " 27 " 1 1/2 "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water 64 Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well below casing
Depth drilled 451 ft. Depth of completed well 451 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
BROWN SAND	0	31
SANDSTONE	31	109
SANDY CLAY	109	121
ASH	121	138
BLACK LAVA	138	156
BROKEN LAVA	156	161
RED AND BLACK LAVA	161	172
HARD BLACK LAVA	172	177
PUMICE	177	183
RED LAVA	183	187
BLACK LAVA	187	190
HARD BLACK LAVA	190	207
RED LAVA	207	239
HARD BLACK LAVA	239	250
RED AND BLACK LAVA	250	288
BLACK LAVA	288	322
HARD BLACK LAVA	322	363
CONGLOMERATE	363	371
RED AND BROWN ROCK	371	398
SAND AND GRAVEL	398	420
WATER BEARING SAND AND GRAVEL	420	451

Work started NOV 18 1965 Completed FEB 11 1966
Date well drilling machine moved off of well FEB 11 1966

(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. 57
[Signed] Robert J. Strasser
(Water Well Contractor)
Contractor's License No. 10 Date FEB 23, 1966