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FINN 14182

NOTICE TO WATER WELL CONTRACTOR

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

JAN 20 1966 WATER WELL REPORT

State Well No. 15/42-16A
State Permit No.

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

(1) OWNER:
Name City of Harrisburg
Address Harrisburg, Oregon

(2) LOCATION OF WELL:
County Franklin Driller's well number
1/4 Section 10 T. 14S R. 4W W.M.
Bearing and distance from section or subdivision corner
NENE Sec 16, T. 15 S., R. 4 W.

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

(4) PROPOSED USE (check):
Domestic Industrial Municipal Irrigation Test Well Other
(5) TYPE OF WELL:
Rotary Driven Cable Jetted Dug Bored

(6) CASING INSTALLED:
Threaded Welded
12" Diam. from 0 ft. to 155 ft. Gage 250
8" Diam. from 140 ft. to 305 ft. Gage 250

(7) PERFORATIONS:
Perforated? Yes No
Type of perforator used
Size of perforations in. by in.
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 JOHNSON
Model No. STAINLESS
Diam. 8 Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Well seal—Material used in seal Cement
Depth of seal 20 ft. Was a packer used?
Diameter of well bore to bottom of seal 16 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 ft. below land surface Date
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: gal./min. with ft. drawdown after hrs.
" " " "
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes No

(12) WELL LOG:
Diameter of well below casing
Depth drilled 305 ft. Depth of completed well 305 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.

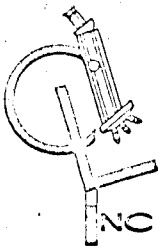
MATERIAL	FROM	TO
Top soil	0	9
sand & gravel	9	44
brown clay	44	65
blue clay	65	70
sand	70	94
blue clay	94	120
sand & gravel	120	138
blue clay	138	198
black sand	198	208
blue clay	208	247
sand & gravel	247	300
blue clay	300	305

Work started 5-26 1965 Completed 6-29 1965
Date well drilling machine moved off of well 6-29 1965

(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 CHRISTENSEN DRILLING & IRRIGATION
(Registered corporation) (Type or print)
Address 3550 West 18th Ph. 344-4205
Eugene, Oregon 97402
Drilling Machine Operator's License No. 406
[Signed] Mark M. Christensen
(Water Well Contractor)
Contractor's License No. 97 Date 7-6 1965

TESTING
CONSULTATION
RESEARCH
INSPECTION



LINN 14182
LABORATORY CERTIFICATE

Charlton Laboratories

CHEMISTS — BACTERIOLOGISTS — ENGINEERS

2340 S. W. JEFFERSON ST. PHONE 228-9663
P.O. BOX 1048
PORTLAND, OREGON 97207

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NATIONAL ASSOCIATION OF
CORROSION ENGINEERS
AMERICAN ELECTROPLATERS' SOCIETY

TO: City of Harrisburg, Oregon
Harrisburg, Oregon
LABORATORY NO. 76589
DATE: August 6, 1965
SUBJECT: Water sample
OREGON
DATE RECEIVED: 7/30/65

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JAN 4 1966
STATE ENGINEER

ANALYSIS

pH Value	7.60
	<u>parts per million</u>
Total Solids (Residue on Evaporation)	425
Alkalinity (as CaCO ₃)	
Carbonate	0
Bicarbonate	94.3
Hardness (as CaCO ₃)	131.2
Silica (SiO ₂)	23.1
Calcium (Ca)	42.0
Magnesium (Mg)	6.4
Iron (Fe)	4.7
Aluminum (Al)	1.4
Manganese (Mn)	0.04
Sodium (Na)	42.6
Potassium (K)	1.2
Chloride (Cl)	78.4
Sulfate (SO ₄)	1.6
Nitrate (NO ₃)	0.0
Fluoride (F)	0.00

Note: This well is located in the City of Harrisburg, Oregon in the NE 1/4 of NE 1/4 Sec 16, T15S, R4W, W1M.

REMARKS: This is a hard bicarbonate type water. All the above test results are within limits of U.S. Public Health Association standards for drinking water except iron, which is about 15 times the desired maximum of 0.3 p.p.m. Except for the nuisance due to hardness and the high iron content, this water should be satisfactory for general use including irrigation. For use in steam boilers, treatment will be required to prevent scale and corrosion.



CHARLTON LABORATORIES, INC.

J. M. Hogl
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JMH:lr 3c

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