

WATER WELL REPORT
STATE OF OREGON

*Per WWC:
#5-36" dia. from
+1 ft to 59' casw
6/12/84*

RECEIVED
MAY 18 1984
WATER RESOURCES DEPT.
SALEM, OREGON

State Well No. *1N/3E-21bc*
State Permit No.

MULT
001288

(1) OWNER:

Name *CITY OF PORTLAND*
Address *1220 S.W. 5TH AVE*
City *PORTLAND* State *ORE. 97204*

(2) TYPE OF WORK (check): *WELL NO. 19*
New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: Rotary Air Driven Rotary Mud Dug Cased Bored
(4) PROPOSED USE (check): Domestic Industrial Municipal Irrigation Test Well Other Thermal: Withdrawal ReInjection

(5) CASING INSTALLED: Steel Threaded Plastic Welded
36" Diam. from +1 ft. to 50 ft. Gauge .500
31.5" Diam. from 50 ft. to 55 ft. Gauge .375
~~31.5" Diam. from 55 ft. to 103 ft. Gauge .375~~
31.5" Diam. from 113 ft. to 118 ft. Gauge .375

(6) 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.

(7) SCREENS: Well screen installed? Yes No
Manufacturer's Name *U.O.P. JOHNSON*
Type *STAINLESS STEEL* Model No. _____
Diam. *SEE ATTACHED SHEET* ft. to _____ ft.
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? Yes No If yes, by whom? *STRASSER*
8000 gal./min. with 22 ft. drawdown after 14 hrs.
10000 " 30 " 2 "
Air test gal./min. with drill stem at _____ ft. _____ hrs.
Bailer test gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow g.p.m. _____
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION: Special standards: Yes No
Well seal—Material used *CEMENT GROUT*
Well sealed from land surface to *25* ft.
Diameter of well bore to bottom of seal *42* in.
Diameter of well bore below seal *36* in.
Number of sacks of cement used in well seal *90* sacks
How was cement grout placed? *PUMPED THROUGH 1 1/4" PIPE FROM BOTTOM UP AS THE TEMP. CASING WAS PULLED*
Was pump installed? *NO* Type _____ HP _____ Depth _____ ft.
Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of Water? _____ depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:
County *MULTNOMAH* Driller's well number *5601*
SW 1/4 NW 1/4 Section 21 T. 1N R. 3E W.M.
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____

Address at well location: _____

(11) WATER LEVEL: Completed well.
Depth at which water was first found *35* ft.
Static level *6* ft. below land surface. Date *4/19/84*
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG: Diameter of well below casing _____
Depth drilled *123* ft. Depth of completed well *118* 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.

MATERIAL	From	To	SWL
<i>SILTY CLAY</i>	<i>0</i>	<i>20</i>	
<i>LARGE CEMENTED GRAVEL</i>	<i>20</i>	<i>35</i>	
<i>GRAVEL AND BOULDERS</i>	<i>35</i>	<i>54</i>	
<i>LOOSE SAND AND GRAVEL</i>	<i>54</i>	<i>69</i>	
<i>COBBLES SAND AND GRAVEL</i>	<i>69</i>	<i>78</i>	
<i>GRAVEL AND SILT</i>	<i>78</i>	<i>86</i>	
<i>CLAY, SOME GRAVEL</i>	<i>86</i>	<i>90</i>	
<i>SAND GRAVEL AND CLAY</i>	<i>90</i>	<i>99</i>	
<i>GRAVEL AND SILT</i>	<i>99</i>	<i>113</i>	
<i>BOULDERS</i>	<i>113</i>	<i>118</i>	
<i>CLAY</i>	<i>118</i>	<i>123</i>	

Work started *JAN 16 1984* Completed *MAY 9 1984*
Date well drilling machine moved off of well *MAY 10 1984*

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] *Paul O. Johnson* Date *5/14, 1984*
(Drilling Machine Operator)
Drilling Machine Operator's License No. *WWC 1246*

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. A. Strasser Drilling Co.* (Type or print)
(Person, firm or corporation)
Address *8110 S.E. Sunset Lane, Portland OR. 97206*
[Signed] *Robert A. Strasser*
(Water Well Contractor)
Contractor's License No. *10* Date *MAY 14, 1984*

WELL NO. 19 SCREEN

DIA.	<u>31.5</u>	SLOT SIZE	<u>125</u>	FROM	<u>55</u>	TO	<u>57</u>
DIA.	<u>31.5</u>	SLOT SIZE	<u>200</u>	FROM	<u>57</u>	TO	<u>64</u>
DIA.	<u>31.5</u>	SLOT SIZE	<u>125</u>	FROM	<u>64</u>	TO	<u>69</u>
DIA.	<u>31.5</u>	SLOT SIZE	<u>200</u>	FROM	<u>69</u>	TO	<u>74</u>
DIA.	<u>31.5</u>	SLOT SIZE	<u>150</u>	FROM	<u>74</u>	TO	<u>83</u>
DIA.	<u>31.5</u>	SLOT SIZE	<u>125</u>	FROM	<u>83</u>	TO	<u>84</u>
DIA.	<u>31.5</u>	SLOT SIZE	<u>30</u>	FROM	<u>103</u>	TO	<u>104</u>
DIA.	<u>31.5</u>	SLOT SIZE	<u>60</u>	FROM	<u>104</u>	TO	<u>113</u>
DIA.	<u>31.5</u>						