

NOTICE TO WATER WELL CONTRACTOR  
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

**CLATSOP**  
**255**

**WATER WELL REPORT**  
**STATE OF OREGON**  
(Please type or print)  
(Do not write above this line)

**RECEIVED**  
**JAN 13 1978**

State Well No. 8N/7W/2cc  
State Permit No. G-9035

**(1) OWNER:**

Name Knappa Water Association  
Address Route 4, Box 265 H  
Astoria, Oregon 97103

**(2) TYPE OF WORK (check):**

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

**(3) TYPE OF WELL:**

Rotary  Driven   
Cable  Jetted   
Dug  Bored

**(4) PROPOSED USE (check):**

Domesfic  Industrial  Municipal   
Irrigation  Test Well  Other

**(5) CASING INSTALLED:**

Threaded  Welded   
8-5/8" Diam. from plus 2 ft. to 110 ft. Gage .250  
" Diam. from " ft. to " ft. Gage "  
" Diam. from " ft. to " ft. Gage "

**(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 \_\_\_\_\_  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ 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? AM Janssen  
Yield: 400 gal./min. with 60 ft. drawdown after 24 hrs.  
200 " " 45 " " 24 "  
" " " " " " " "  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water 50° Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used Cement & 5% gel  
Well sealed from land surface to 110 ft.  
Diameter of well bore to bottom of seal 12 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal 28 sacks  
How was cement grout placed? 25 sacks cement placed in bottom of casing & pumped around end to land surface. 3 sacks used to top off after grout set up.  
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 Clatsop Driller's well number \_\_\_\_\_  
SW 1/4 SW 1/4 Section 21 T. 8N R. 7 W W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 110 ft.  
Static level 110 ft. below land surface. Date 1/10/78  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 8"  
Depth drilled 255 ft. Depth of completed well 255 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
<u>Weathered brown basalt w/ <del>red</del> brown clay</u>	<u>0</u>	<u>25</u>	
<u>Soft brown basalt-weathered</u>	<u>25</u>	<u>70</u>	
<u>Broken dirty brown basalt</u>	<u>70</u>	<u>90</u>	
<u>Brown basalt</u>	<u>90</u>	<u>110</u>	
<u>Broken black basalt</u>	<u>110</u>	<u>150</u>	<u>50 gpm</u>
<u>Gray-black basalt-occ. fracture</u>	<u>150</u>	<u>165</u>	
<u>Broken black basalt</u>	<u>165</u>	<u>200</u>	<u>200gpm</u>
<u>Broken gray-black basalt w/ shale seams</u>	<u>200</u>	<u>225</u>	<u>150gpm</u>
<u>Gray-black basalt &amp; streaks of gray shale &amp; sandstone</u>	<u>225</u>	<u>255</u>	

Work started 12/23/77 19 Completed 1/10/78 19  
Date well drilling machine moved off of well 1/10/78 19

**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] [Signature] Date 1/11/78, 19\_\_\_\_  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 528

**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 A. M. JANSSEN DRILLING CO.  
(Person, firm or corporation) (Type or print)  
Address 21075 SW Tualatin Valley Hwy, Aloha, Or.  
[Signed] [Signature]  
(Water Well Contractor)  
Contractor's License No. 79 Date 1/11/78, 19\_\_\_\_