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STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

JUN 26 1985

WATER RESOURCES DEPARTMENT SALEM, OREGON

PLEASE PRINT IN INK

(for official use only)

(1) OWNER:

Name Knappa Water Association
Address Route 4, Box 550 K
City Astoria, Oregon State 97103

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Rotary Air [X] Driven []
Rotary Mud [] Dug []
Cable [] Bored []

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal []
Irrigation [] Thermal: Withdrawal [] Reinjection []
Other: Piezometric [] Grounding [] Test [X]

(5) CASING INSTALLED:

Steel [X] Plastic []
Threaded [] Welded [X]
8" Diam. from 0 ft. to 118 ft. Gauge 250

LINER INSTALLED:

Steel [] Plastic []
Threaded [] Welded []

(6) PERFORATIONS:

Perforated? [] Yes [X] No []
Size of perforations in. by in.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? [] Yes [X] No []
Manufacturer's Name
Type Model No.
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? [X] Yes [] No If yes, by whom? A.M. Jannsen
62 gal./min. with 97 ft. drawdown after 30 hrs.
85 142 "

(9) CONSTRUCTION:

Special standards: Yes [] No [X]
Well seal—Material used Cement plus 5% gel
Well sealed from land surface to 119 ft.
Diameter of well bore to bottom of seal 12 in.
Diameter of well bore below seal 8 in.
Amount of sealing material 38 sacks [X] pounds []
How was cement grout placed? 38 sacks tremmed into annular at 119' back to surface
Was pump installed? no Type HP Depth ft.
Was a drive shoe used? [] Yes [X] No Plugs Size: location ft.
Did any strata contain unusable water? [] Yes [X] No
Type of Water? depth of strata
Method of sealing strata off
Was well gravel packed? [] Yes [X] No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL by legal description:

County Clatsop NW 1/4 SE 1/4 of Section 14 of Township 8 N Range 7 W WM.
Tax Lot Lot Block Subdivision
MAILING ADDRESS OF WELL (or nearest address)

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 255 ft.
Static level ft. below land surface. Date
Artesian pressure 16 lbs. per square inch. Date 6/19/85

(12) WELL LOG:

Diameter of well below casing 8"
Depth drilled 315 ft. Depth of completed well 315 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.

Table with columns: MATERIAL, From, To, SWL. Rows include Topsoil, Soft brown clay, Brown clay w/boulders, Soft light brown decomposed basalt, Soft gray sandstone/wood and shale streaks, Firm dark gray shale, Firm dark gray basalt, Hard gray basalt, Firm dark gray shale, Firm dark gray basalt, perf., occ. gray shale streaks, Hard gray basalt, Soft gray-black basalt, occ. shale streak, Soft light gray coarse sandstone-inc. shales 300-307, Firm brown shale.

Date work started 5/30/85 /completed 6/7/85
Date well drilling machine moved off of well 6/7/85 19

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Date, 19

(bonded) Water Well Constructor Certification:

Bond 390-1672 Issued by Great American Insurance
(number) (Surety Company Name)
On behalf of A. M. Jannsen Well Drilling Co., Inc.
Roy N. Jannsen (type or print name of Water Well Constructor)

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

(Signed) (Water Well Constructor)
(Dated) June 21, 1985

NOTICE TO WATER WELL CONSTRUCTOR
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.

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