

WATER WELL REPORT
STATE OF OREGON

UN10 1854

RECEIVED

State Well No. 3W/40E-18c

JUN 7 1983

State Permit No.

PLEASE TYPE OR **WATER RESOURCES DEPT.**
SALEM, OREGON

(1) OWNER:

Name Department of Fish & Wildlife
Address P. O. Box 3503
City Portland, Oregon 97208 State

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air Driven
Rotary Mud Dug
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal: Withdrawal Reinjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded
12" Diam. from +1 ft. to 20 ft. Gauge 330
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

8" Diam. from +1 ft. to 275 ft. Gauge 250

(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

Is a pump test made? Yes No If yes, by whom? A.M. Janssen
Field: 400 gal./min. with 60 ft. drawdown after 7 hrs.
" 500 " 104 " 72 "
Air test 500 gal./min. with drill stem at 275 ft. 2 hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water 59° F Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used Cement Grout
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 25 sacks
How was cement grout placed? Tremmed in place @ 20' to ground level
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? upper water depth of strata 110' to 275'
Method of sealing strata off cased
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Union Driller's well number
1/4 SW 1/4 Section 18 T. 3 N R. 40 E W.M.
Tax Lot # Lot Blk Subdivision
Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found 110 ft.
Static level 106 ft. below land surface. Date 5/3/83
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 452 ft. Depth of completed well 440 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
Fill, rock & boulders	0	3	
Brown clay, boulders & rock fragments	3	15	
Brown basalt - dirty	15	32	
Red-brown basalt & lava, dirty	32	40	
Black-brown basalt, occ. fractured			
occ. soft water bearing 110'-125	40	125	w.b.
Black basalt, brittle, occ. fractured, soft seams	125	168	20gpm
Black & brown basalt, broken	168	180	30gpm
Black basalt & lava, occ. broken	180	225	10gpm
Black basalt, very broken, caving	225	275	40gpm
Gray-black basalt, hard, occ. fractured	275	355	10gpm
Blue-black basalt	355	360	
Red-brown basalt, occ. fracture	360	370	
Gray black basalt, fractured	370	380	
Blue-black basalt, broken, sandstone	380	402	50gpm
Black basalt, very broken	402	415	300gpm
Gray-black basalt, occ. fracture	415	429	50gpm

Work started 4/5/83 19 Completed 5/11/83 19
Date well drilling machine moved off of well 5/11/83 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 Issued by: Great American Ins. Surety Company Name

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

Name A. M. JANSSEN WELL DRILLING CO., INC. (Person, firm or corporation) (Type or print)

Address 20075 Sw Tualatin Valley Hwy. Aloha, a OR

[Signed] Water Well Constructor Date May 11, 1983, 19

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STATE OF OREGON

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WATER RESOURCES DEPT.

SALEM, OREGON

PLEASE TYPE or PRINT IN INK

State Permit No.

Union Co.

(1) OWNER:

Name Department of Fish & Wildlife
Address
City State

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

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

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal []
Irrigation [] Test Well [] Other []
Thermal: Withdrawal [] Reinjection []

(5) CASING INSTALLED:

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

" Diam. from ft. to ft. Gauge
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? [] Yes [] No

Type of perforator used
Size of perforations in. by in.
perforations from ft. to ft.
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(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

Is a pump test made? [] Yes [] No If yes, by whom?
Well: gal./min. with ft. drawdown after hrs.
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
Well sealed from land surface to ft.
Diameter of well bore to bottom of seal in.
Diameter of well bore below seal in.
Number of sacks of cement used in well seal sacks
How was cement grout placed?
Was pump installed? 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 Driller's well number
1/4 1/4 Section T. R. W.M.
Tax Lot # Lot Blk Subdivision
Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found ft.
Static level ft. below land surface. Date
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing

Depth drilled ft. Depth of completed well 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. Row 1: Black basalt, very broken, soapstone, 429, 452, 500gpm.

Work started 19 Completed 19
Date well drilling machine moved off of well 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 (number) Issued by: Surety Company Name
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name (Person, firm or corporation) (Type or print)
Address
[Signed] Water Well Constructor
Date, 19

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.

SP#45292-690