

WATER WELL REPORT
STATE OF OREGON

RECEIVED

JUL 13 1981

State Well No.

175/20-27dd

WATER RESOURCES DEPT
SALEM, OREGON

Permit No.

LANE 10/687

nc

(1) OWNER:

Name Springfield Utility Board
Address P. O. Box 300
City Springfield, Oregon State 97477

(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 Domestic Industrial Municipal
Rotary Mud Dug Irrigation Test Well Other
Cable Bored Thermal Withdrawal Reinjection

(4) PROPOSED USE (check):

CASING INSTALLED: Steel Plastic
Threaded Welded

18" plus 1 20" Gauge 375
12" plus 2 80" Gauge 330
12" 80" Gauge 330
12" 180" Gauge 330

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.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS: Well screen installed? Yes No

Manufacturer's Name UOP JOHNSON
Type Stainless Steel Model No.
Diam. 12" Slot Size 100 Set from 80 ft. to 90 ft.
Diam. 12" Slot Size 100 Set from 120 ft. to 180 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? A. M. JANNSEN
Yield: 280 gal./min. with 91 ft. drawdown after 46 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 53° Depth artesian flow encountered ft.

CONSTRUCTION: Special standards: Yes No

Well seal—Material used Cement plus 5% gel
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 2.4 in.
Diameter of well bore below seal 18 in.
Number of sacks of cement used in well seal 48 sacks
How was cement grout placed? 48 sacks tremed into annular at 20 ft and back to surface

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: 1/4" nominal
Gravel placed from plus 1 ft. to 190 ft.

(10) LOCATION OF WELL:

County Lane Driller's well number
SE 1/4 SE 1/4 Section 27 T. 17 S R. 2 W. W.M.
Tax Lot # Lot Blk Subdivision

Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found 80 ft.
Static level 10 ft. below land surface. Date 6/17/81
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing

Depth drilled 190 ft. Depth of completed well 190 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
Soft brown silty loam	0	4	
Fine to coarse gravel w/clay and cobbles	4	45	
Conglomerate--brown clay w/med. to coarse gravels	45	91	
Soft dark brown clay	91	115	
Soft gray silty clay w/sandy zones	115	135	
Soft brown sandy clay w/fine sand seams	135	153	
Conglomerate--light brown clay w/gravels	153	180	
Soft light brown clay	180	190	

Work started 4/29/81 19 Completed 6/18/81 19
Date well drilling machine moved off of well 6/18/81 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 7/9/81 19
(Drilling Machine Operator)
Drilling Machine Operator's License No. 751

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. JANNSEN/DRILLING CO., Inc. (Type or print)
Address 21075 SW Tualatin Valley Highway, Aloha, Or.
[Signed] [Signature] (Water Well Contractor)
Contractor's License No. 79 Date 7/9/81, 19

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.

SP*12658-690