

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

RECEIVED

AUG 11 1980

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

(Do not write above this line)

WATER RESOURCES DEPT

State Well No.

State Permit No.

(1) OWNER: SALEM, OREGON

Name Jim Arntz

Address 1275 S.E. Highway 97
Bend, Oregon 97701

(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 ☐
☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

(5) CASING INSTALLED:

Threaded ☒ Welded ☐
10" Diam. from 1.5 ft. to -29.5 ft. Gage 250
8" Diam. from 1.5 ft. to -192 ft. Gage 188
" Diam. from " ft. to " ft. Gage "

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used Factory & torch

Size of perforations 1/4 in. by 3" & 1/4" x 12"
63 perforations from 132 ft. to 152 ft.
640 perforations from 152 ft. to 192 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?

Yield: gal./min. with " ft. drawdown after " hrs.

" " " " " "

Flow test 25 gal./min. with 10 ft. drawdown after 1 hrs.

Artesian flow g.p.m.

Temperature of water 55° Depth artesian flow encountered " ft.

(9) CONSTRUCTION:

Well seal—Material used Portland, Cement

Well sealed from land surface to -18 ft.

Diameter of well bore to bottom of seal 10" to 192" in.

Diameter of well bore below seal 6" to 225" in.

Number of sacks of cement used in well seal 10 sacks

How was cement grout placed? Pressure pumped

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 3/4 -

Gravel placed from 0 ft. to 192 ft.

(10) LOCATION OF WELL:

County Crook

Driller's well number 262-80-18

SW 1/4 SW 1/4 Section 22 T. 17S R. 17E W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 27 ft.

Static level 18 ft. below land surface. Date 7-24-80

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6"

Depth drilled 225 ft. Depth of completed well 225 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
Sandy Loam top soil	0	2	
Sandy Loam W/brown clay	2	11	
Med. white pumice	11	13	
Black sand/W clay	13	27	12
Broken gray lava	27	37	
Pumice /W Red Clay	37	48	
Hard Black Lava	48	56	
Broken Lava /W tan clay	56	64	
Broken red rock & clay	64	72	
Broken rock /W tan clay	72	88	
Med. sand & gravel	88	98	
Hard gray lava	98	117	
Pink Lava	117	148	
Gray Lava	148	180	
	180	225	

Work started 7-22 19 80 Completed 8-5- 19 80

Date well drilling machine moved off of well 8-5 19 80

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 8-8, 19 80
(Drilling Machine Operator)

Drilling Machine Operator's License No. 759

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 Big Three Drilling & Pump Service
(Person, firm or corporation) (Type or print)

Address 1990 NW 35th, Redmond, Or. 97756

[Signed] [Signature] (Water Well Contractor)

Contractor's License No. 685 Date 8-8-, 19 80