

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310

within 30 days from the date of well completion.

DESC 5572

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED

MAR 19 1974

State Well No.

185/12E-3

STATE ENGINEER

State Permit No.

SALEM, OREGON

(1) OWNER:

Name AVION WATER CO
Address Box 178A Beav. Cr. Rd. Bend ORE 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
Aug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
8" Diam. from 7.7 ft. to 23.8 ft. Gage 250
6" Diam. from 7.1 ft. to 6.90 ft. Gage lines

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used SAW
Size of perforations 3 1/2 in. by 3/16 in.
200 perforations from 6.40 ft. to 6.80 ft.
lines in PVC Plastic perforations from 6.80 ft. to 6.80 ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____ Model No. _____
Type _____ 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?
d: _____ gal./min. with _____ ft. drawdown after _____ hrs.
" approx " " " "
Bailer test 10 gal./min. with 0 ft. drawdown after 1 hrs.
Artesian flow _____ g.p.m.
Temperature of water 52 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Neat Cement
Well sealed from land surface to 23.8 ft.
Diameter of well bore to bottom of seal 10 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 6.2 sacks
Number of sacks of bentonite used in well seal 3 sacks
Brand name of bentonite Central Oregon
Number of pounds of bentonite per 100 gallons of water _____ lbs./100 gals.
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: sheet #1

County Debutia Driller's well number _____
SE 1/4 SE 1/4 Section 3 T. 18S R. 12E W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 640 ft.
Static level 640 ft. below land surface. Date 3/13/74
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing _____

Depth drilled 690 ft. Depth of completed well 690 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
TOP SOIL SANDY	0	6	
LAVA (Med)	6	12	
BASALT (HARD)	12	38	
BASALT (BLACK) HARD	38	78	
BASALT (BROKEN) w/ CINDERS	78	103	
BASALT GREY (HARD)	103	153	
Pumice w/ MULTICOLOR GRAVEL	153	224	
BASALT GREY (HARD)	224	293	
BASALT w/ BROWN CLAY SEAMS	293	342	
BASALT GREY (BROKEN)	342	378	
BASALT w/ PUMICE SEAMS	378	402	
BASALT GREY (HARD)	402	419	
BASALT w/ PUMICE SEAMS	419	438	
BASALT GREY (HARD)	438	460	
BASALT BROKEN w/ CINDERS	460	497	
BASALT GREY MED	497	509	
BASALT BROKEN w/ CINDERS	509	520	
CINDERSTONE RED	520	534	
<u>See attached sheet</u>			

Work started 7/19 1973 Completed 3/14 1974
Date well drilling machine moved off of well 3/18 1974

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] Tom Leonard Date 3/15, 1974
(Drilling Machine Operator)

Drilling Machine Operator's License No. 348

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 CVR Drilling Co. (Type or print)
Address 1275 Madison Ave. Prineville 97754

[Signed] Tom Leonard (Water Well Contractor)

Contractor's License No. 540 Date 3/15, 1974

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NOTICE TO WATER WELL CONTRACTOR

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DE 58

WATER WELL REPORT MAR 19 1974

STATE OF OREGON STATE ENGINEER

State Well No.

(Please type or print) SALEM, OREGON

State Permit No.

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

(Do not write above this line)

(1) OWNER:

Name AVISON WATER CO Address BOX 1784 Bear Cr. Rd. Bend, ORE. 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 [] Dug [] Bored []

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal [] Irrigation [] Test Well [] Other []

(5) CASING INSTALLED:

Threaded [] Welded [] 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.

(7) SCREENS:

Well screen installed? [] Yes [] 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? [] Yes [] No If yes, by whom? d: gal./min. with ft. drawdown after hrs.

(9) CONSTRUCTION:

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 Number of sacks of bentonite used in well seal sacks Brand name of bentonite Number of pounds of bentonite per 100 gallons of water lbs./100 gals. 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: Sheet # 2

County Deschutes Driller's well number SE 1/4 SE 1/4 Section 3 T. 18S R. 12E. W.M. Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 640 ft. Static level 640 ft. below land surface. Date 3/13/74 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. Rows include: BASALT GREY (HARD) 534 539, PUMICE BROWN w/ CINDERS 539 560, BASALT Grey (Med) 560 585, BASALT (BROKEN) w/ Pumice Seal 585 615, BASALT GREY (HARD) 615 638, BASALT BROKEN w/ CINDERS 638 650 640, BASALT w/ RED CINDERS, 1/2" PEA GRAVEL - 650 670 640

Work started 2/19 1974 Completed 3/14 1974 Date well drilling machine moved off of well 3/18 1974

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 3/15 1974 (Drilling Machine Operator) Drilling Machine Operator's License No. 348

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 C.R. Drilling Co. (Person, firm or corporation) (Type or print) Address [Signature] [Signature] (Water Well Contractor) Contractor's License No. 540 Date 3/15 1974