

**WATER WELL REPORT
STATE OF OREGON**

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NOV 19 1980

WATER RESOURCES DEPT
SALEM, OREGON

DESC
4644

State Well No. 16S/12E-36ba
State Permit No.

(1) OWNER:

Name **Avion Water Company**
Address **60813 Parrell Road**
City **Bend** State **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:

Electric Driven
Rotary Mud Dug
Cable Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal Withdrawal Reinjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded

" Diam. from **not applicable** 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.
..... 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

Was a pump test made? Yes No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " " "
Air test gal./min. with drill stem at ft. hrs.
" test **5** gal./min. with **0** ft. drawdown after **1** hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used **not disturbed**
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? **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:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County **Deschutes** Driller's well number
NE $\frac{1}{4}$ **NW** $\frac{1}{4}$ Section **36** T. **16S** R. **12E** W.M.
Tax Lot # Lot Blk Subdivision
Address at well location: **Sylvan Knolls Subd.**

(11) WATER LEVEL: Completed well.

Depth at which water was first found **632** ft.
Static level **632** ft. below land surface. Date **10-29-80**
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing **8"**

Depth drilled **718** ft. Depth of completed well **648** 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
Lava	630	632	
Water-B. Brown Sandstone	632	646	
Lava	646	648	
Dk. Brown Sandstone Conglom.	648	685	
Lava	685	718	

Work started **10-28** 19 **80** Completed **10-29** 19 **80**
Date well drilling machine moved off of well **10-29** 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] *William D. Akem* Date **11-11 1980**
(Drilling Machine Operator)
Drilling Machine Operator's License No. **803**

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 **Orvail Buckner Well Drilling Inc.**
(Person, firm or corporation) (Type or print)
Address **1686 N.E. Negus Way, Redmond, Ore. 97756**
[Signed] *Orvail Buckner*
(Water Well Contractor)
Contractor's License No. **608** Date **11-11**, 19**80**.

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