

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.

**WATER WELL REPORT**

STATE OF OREGON  
(Please type or print)

**RECEIVED**

JAN 14 1982

State Well No. 15/14E-16dd

WRASC

003459

WATER RESOURCES DEPT.  
SALEM, OREGON  
State Permit No. Deepening

(Do not write above this line)

**(1) OWNER:**

Name William L. Bolton  
Address Rt. 1 Box 94  
DUFUR, OREGON 97021

**(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   
8" O.D. Diam. from +2 ft. to 176 ft. Gage 250  
" Diam. from ..... ft. to ..... ft. Gage .....  
" Diam. from ..... ft. to ..... ft. Gage .....

**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.  
" " " " "  
" " " " "  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow 162 g.p.m.  
Temperature of water 64 Depth artesian flow encountered 202 ft.

**(9) CONSTRUCTION:**

Well seal—Material used Cement grout  
Well sealed from land surface to 176 ft.  
Diameter of well bore to bottom of seal 10 in.  
Diameter of well bore below seal 10 in.  
Number of sacks of cement used in well seal 105 sacks  
How was cement grout placed? Pressure pumped thru grout line set at 175 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 Wasco Driller's well number 89-15  
SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  Section 16 T. 1S R. 14E W.M.  
Bearing and distance from section or subdivision corner

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 202 ft.  
Static level +++ ft. ~~XXXX~~ land surface. Date 11 Dec. 81  
Artesian pressure 148 lbs. per square inch. Date 11 Dec. 81

**(12) WELL LOG:**

Diameter of well below casing 10. & 7.5"  
Depth drilled 222 ft. Depth of completed well 222 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
Original well drilled in 1980 and was plugged to 180 ft & temporarily abandoned pending further decisions by owner.			
WELL WAS REDRILLED TO 10 INCH HOLE TO LOWEST POINT SEALED PREVIOUSLY. 8in. CASING WAS SET TO DEPTH OF <del>XXXXXX</del> 176 ft. 2" GROUT LINE WAS SET TO 175 ft. UNITED CONCRETE PUMPING EQUIPMENT WAS UTILIZED TO PRESSURE PUMP GROUT FOR POSITIVE SEAL. GROUT WAS ALLOWED TO SET FOR 96 HRS. AND <del>XXXXXXXXXXXX</del> PLUG WAS DRILLED OUT. WELL WAS THEN EXTENDED THROUGH THE ARTESIAN AQUIFER WITH 7.5 in. hole			
Gravel wood chips (old charcoal) and clay formation	208	220	
Basalt hard black	220	222	

Work started 23 Nov. 1981 Completed 11 Dec. 1981  
Date well drilling machine moved off of well 12 Dec. 1981

**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 16 Dec., 1981  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 1293

**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 MARNELLI & AUSTIN DRILLING CO.  
(Person, firm or corporation) (Type or print)  
Address P.O. BOX 302, THE DALLES, OR. 97058  
[Signed] [Signature]  
(Water Well Contractor)  
Contractor's License No. 672 Date 16 Dec. 1981