

**WATER WELL REPORT**  
STATE OF OREGON

**RECEIVED HARN** 50668

FEB - 2 1998

WATER RESOURCES DEPT.  
SALEM, OREGON

State Well No. 20/3412/39  
State Permit No. 0

**1) OWNER:**

Name AMY ROOT  
Address HC 73, 174 Harney Rd.  
City Harney State OR 97130

**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   
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   
12" Diam. from +1 ft. to 159 ft. Gauge 250

**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 ..... 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? OWNER  
800 gal./min. with 160 ft. drawdown after 10 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 ..... Depth artesian flow encountered ..... ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No   
Well seal—Material used Cement  
Well sealed from land surface to 20 ft.  
Diameter of well bore to bottom of seal 15 in.  
Diameter of well bore below seal 12 in.  
Number of sacks of cement used in well seal 34 sacks  
How was cement grout placed? Grout pumped to top of ground with Grout pipe  
Was pump installed? Yes Type Turbine HP 75 Depth 140 ft.  
Was a drive shoe used?  Yes  No Plugs No 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 Harney Driller's well number .....  
N-W 1/4 S-E 1/4 Section 34 T. 22 S. R. 32 1/2 E. W.M.  
Tax Lot # 24-00 Blk ..... Subdivision .....  
Address at well location: Cow G Road  
3/4 mile North of Highway 20

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

Depth at which water was first found 28 ft.  
Static level 28 ft. below land surface. Date 3-28-91  
Artesian pressure ..... lbs. per square inch. Date .....

**(12) WELL LOG:**

Diameter of well below casing 12"  
Depth drilled 750 ft. Depth of completed well 750 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	0	2	
Gray Clay	2	46	29
Sand Stone	46	154	
Green Clay	154	491	
Brown Clay	491	537	
Green Clay	537	691	
Blue Clay	691	736	
Small Gravel with sand	736	750	29
Green Clay	750	750	29

Work started 2-21-1991 Completed 3-28-1991  
Date well drilling machine moved off of well 3-29-1991

**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] ..... Date ....., 19.....  
(Drilling Machine Operator)

**Drilling Machine Operator's License No. ....**

**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 AMY ROOT (Type or print)  
Address .....

[Signed] Amy Root (Water Well Contractor)  
Contractor's License No. 791 Date 3-28-1991

NOTICE TO WATER WELL CONTRACTOR

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310

SP-12656-690