

WATER WELL REPORT  
STATE OF OREGON

**RECEIVED**

SEP 28 1984

WATER RESOURCES DEPT  
SALEM, OREGON



State Well No. 55/2W-328

State Permit No. ab

*SS OKay*

(1) OWNER:

Name Roger Welty  
Address 5011 Concomley Rd.  
City Gervais, Oregon 97026 State \_\_\_\_\_

(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

CASING INSTALLED:

Steel  Plastic   
Threaded  Welded

12 " Diam. from +1 ft. to 210 ft. Gauge 2.50  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

LINER INSTALLED:

" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gauge \_\_\_\_\_

(6) PERFORATIONS:

Perforated?  Yes  No

Type of perforator used Mills Knife  
Size of perforations 3/8 in. by 2 in.  
912 perforations from 107 ft. to 145 ft.  
480 perforations from 185 ft. to 205 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: 750 gal./min. with 20 ft. drawdown after 3 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 8-mesh Bentonite  
Well sealed from land surface to 20 ft.  
Diameter of well bore to bottom of seal 16 in.  
Diameter of well bore below seal 17 in.  
Number of sacks of cement used in well seal 0 sacks  
How was cement grout placed? 9.75 lbs. of bentonite placed in dry annulus after placement of first joint of casing and kept full during drilling  
Was pump installed? \_\_\_\_\_ 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 Marion Driller's well number 2524  
NW  $\frac{1}{4}$  NE  $\frac{1}{4}$  Section 36 T. 5S R. 2W W.M.  
Tax Lot # \_\_\_\_\_ Lot \_\_\_\_\_ Blk \_\_\_\_\_ Subdivision \_\_\_\_\_  
Address at well location: NE Corner of Runcorn Rd.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 95 ft.  
Static level 28 ft. below land surface. Date 9/14/84  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG:

Diameter of well below casing \_\_\_\_\_

Depth drilled 218 ft. Depth of completed well 210 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
Topsoil	0	2	
Brown Clay	2	29	
Gray Clay	29	95	
Muddy Black Sand	95	98	
Loose Black Sand and Gravel	98	144	
Brownish Gray Clay, some sand	144	179	
Black Sand and Gravel, Loose	179	205	
Sticky Blue Clay	205	218	

Work started 8/20/84 \_\_\_\_\_ 19 Completed 9/14/84 \_\_\_\_\_ 19

Date well drilling machine moved off of well 9/14/84 \_\_\_\_\_ 19

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] Mark D. Bear Date 9/14/84  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 811

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 Willamette Drilling Co.  
(Person, firm or corporation) \_\_\_\_\_ (Type or print)

Address 7365 O'Neil Rd. N.E. Salem, Oregon 97303

[Signed] Mark D. Bear  
(Water Well Contractor)

Contractor's License No. 753 Date 9/14/84 \_\_\_\_\_, 19\_\_\_\_\_

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