

WATER WELL REPORT #10-225/10E-10

STATE OF OREGON

RECEIVED

State Well No. 225/10E-10da

MAR 30 1983

DESC

8108

Deschutes Co.

WATER RESOURCES DEPT. SALEM, OREGON

State Permit No.

(1) OWNER:

Name Administrative School Dist. # 1  
Address 520 NW Wall St.  
City Bend State Or 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 Air  Driven  Domestic  Industrial  Municipal   
Rotary Mud  Dug  Irrigation  Test Well  Other   
Cased  Bored  Thermal:  Withdrawal  Reinjection

(4) PROPOSED USE (check):

(5) CASING INSTALLED:

Steel  Plastic   
Threaded  Welded   
16" Diam. from 0 ft. to 52 ft. Gauge 375  
10" Diam. from +1 ft. to 1311 ft. Gauge 365

LINER INSTALLED:

8" Diam. from 1279 ft. to 1443 ft. Gauge 322

(6) PERFORATIONS:

Perforated?  Yes  No liner

Type of perforator used factory  
Size of perforations 1/4 in. by 2 1/4 in.  
3708 perforations from 1311 ft. to 1443 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?  
250 gal./min. with 8 ft. drawdown after 5 hrs.  
550 " 3 " 5 "  
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 0-52 1280-1311 ft.  
Diameter of well bore to bottom of seal 20" to 52" 14" to 13 1/2"  
Diameter of well bore below seal 10 in.  
Number of sacks of cement used in well seal 140 sacks  
How was cement grout placed? Pressure pumped

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: ft.  
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County De Driller's well number LHS # 2  
1/4 Section T. R. W.M.  
Tax Lot # Lot Blk Subdivision  
Address at well location: LaPine High School

(11) WATER LEVEL: Completed well.

Depth at which water was first found 1318 ft.  
Static level 33 ft. below land surface. Date 3-10-83  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 1460 ft. Depth of completed well 1460 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
Soil sandy brown	0	4	
Sand, grey-pea gravel	4	41	
Clay grey	41	139	
Clay green	139	311	
Pumice, black-white-brn	311	339	
Clay brown	339	363	
Pumice hard, white	363	384	
Clay brown	384	443	
Pumice hard, white	443	452	
Clay brn, pumice strks.			
white, soft	452	607	
Sand black-grey fine	607	617	
Clay grey, pumice strks	617	887	
Clay grey-white, pumice			
strks white	887	1006	
Pumice hard, white	1006	1019	
Clay grey, pumice strks	1019	1297	
Basalt, hard grey	1297	1318	
Basalt, blk, cinders blk	1318	1440	
Basalt, hard grey	1440	1460	

Work started 1-26 1983 Completed 3-10 1983  
Date well drilling machine moved off of well 3-12 1983

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] Steven N. Stadel Date 3-28, 1983  
(Drilling Machine Operator)

Drilling Machine Operator's License No. NA

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 West Coast Drilling Co., Inc.  
(Person, firm or corporation) (Type or print)

Address 220 Academy St. Mt. St. Helens, Or.

[Signed] Charles E. Stadel 519  
(Water Well Contractor)

Contractor's License No. NA Date 3-28, 1983