

WATER WELL REPORT
STATE OF OREGON

RECEIVED

State Well No. 235/33E-12dc

MAR 4 1982

State Permit No.

WATER RESOURCES DEPT

(1) OWNER:

Name Gehrke, John
Address Buchanan Rt.
City Burns State Oregon

(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 ☐
☐ 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 89 ft. Gauge .250
" Diam. from ft. to ft. Gauge

LINER INSTALLED: none

" 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?

Field: 350 gal./min. with 150 ft. drawdown after 1 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 52 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☒

Well seal—Material used Portland Cement 1-2

Well sealed from land surface to 20' ft.

Diameter of well bore to bottom of seal 12" to 18" in.

Diameter of well bore below seal 12" to 200' 8" from 200' to 265' in.

Number of sacks of cement used in well seal 53 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 Harney Driller's well number 116
S.W. 1/4 S.E. 1/4 Section 12 T. 23S. R. 33 E W.M.

Tax Lot # Lot Blk Subdivision

Address at well location: Approx. 30 miles from Burns, Ore. on S.W. side of Buch. Rd. 1/2 mile.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 13 ft.
Static level 13 ft. below land surface. Date 2/3/82

Artesian pressure none lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 12"

Depth drilled 615 ft. Depth of completed well 615 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
Clay top soil	0	4	
Black hard clay	4	12	
Brown clay WB	12	19	43
Green clay	19	34	
Brown silt	34	81	
Blue clay	81	98	
Tan clay	98	210	
Green clay	210	235	
Black rock	235	270	
Clay & rock cong.	270	520	
Brown sand stone	520	555	
Brown clay stone	555	615	

Work started Feb. 1 1982 Completed Feb. 11 1982

Date well drilling machine moved off of well Feb. 11 1982

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] Bill Williams Date , 19.

(Drilling Machine Operator)

Drilling Machine Operator's License No. 1231

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 Bill Williams Well Drilling

(Person, firm or corporation)

(Type or print)

Address P.O. Box 334 Redmond, Ore.

[Signed] Bill Williams

(Water Well Contractor)

Contractor's License No. 782 Date Feb. 11 1982

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