

WATER WELL REPORT
STATE OF OREGON

RECEIVED

State Well No.

245/29E-12bc

MAY 24 1982

State Permit No.

WATER RESOURCES DEPT

SALEM, OREGON

(10) LOCATION OF WELL:

County Harney Driller's well number 117
SW 1/4 NW 1/4 Section 12 T4S R. 29E W.M.
Tax Lot # Lot Blk Subdivision

Address at well location: Buchanan, Oregon Milepost #
121 & 122 Turn South one mile Bend-Burns Hwy

(11) WATER LEVEL: Completed well.

Depth at which water was first found 35' ft.
Static level 17' ft. below land surface. Date 4-28-82
Artesian pressure none lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 14
Depth drilled 505 ft. Depth of completed well 505 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	10	
Clay Brown	10	25	
Medium sized gravel WB	25	60	17'
Claystone dark	60	100	
Brown clay	100	105	
Dark claystone	105	107	
Black hard rock	107	113	
Gray and Tan hard clay	113	127	
Black hard rock	127	130	
Green & Brown claystone congl	130	170	
Green Clay congl	170	245	
Green clay w/ sand WB	245	286	
Brown clay	286	420	
Hard black rock w/ sandstone strips WB	420	505	

Work started 12-28-82 19 Completed 4-28-82 19
Date well drilling machine moved off of well 4-29-82 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] Lee D. Williams Date 4-29-82
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1385

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 Lee D. Williams
(Person, firm or corporation) (Type or print)

Address P.O. Box 334, Redmond, Or 97756

[Signed] Lee D. Williams
(Water Well Contractor)

Contractor's License No. 713 Date April 29, 1982, 19

(1) OWNER:

Name Chuck Cox
Address
City Burns, Oregon 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 ☐ Domestic ☐ Industrial ☐ Municipal ☐
Rotary Mud ☐ Dug ☐ Irrigation ☒ Test Well ☐ Other ☐
Cable ☒ Bored ☐ Thermal: Withdrawal ☐ Reinjection ☐

(4) PROPOSED USE (check):

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒
14" Diam. from +1 ft. to 75 ft. Gauge 250
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? ☐ Yes ☐ No

Type of perforator used Torch
Size of perforations 3/8 in. by 3 in.
120 perforations from 35 ft. to 57 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? H.C.F.S.

1500 gal./min. with 115 ft. drawdown after 4 hrs.

Air test gal./min. with drill stem at ft. hrs.

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow none g.p.m.

Temperature of water 68 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☒

Well seal—Material used Portland Cement Type II

Well sealed from land surface to 25 ft.

Diameter of well bore to bottom of seal 18 in.

Diameter of well bore below seal 14 in.

Number of sacks of cement used in well seal 30 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.

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