

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

*Lake 176*

**WATER WELL REPORT  
LAKE 176  
STATE OF OREGON**

JUN - 6 1977

(Please type or print)

WATER RESOURCES DEPT.

(Do not write above this line) SALEM, OREGON

State Well No. 255/15E-276c  
State Permit No. \_\_\_\_\_

**(1) OWNER:**

Name BILLY J. EDWARDS  
Address GEN. DEL. FT. ROCK, OR. 97735

**(2) TYPE OF WORK (check):**

New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary  Driven   
Cable  Jetted   
Dug  Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**(10) LOCATION OF WELL:**

County LAKE Driller's well number 3  
S.W. 1/4 N.W. 1/4 Section 27 T.25S. R. 15 E. W.M.  
Bearing and distance from section or subdivision corner  
S. 47° 30' W. 2080' N 1/4 CORNER

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

Depth at which water was first found 120 ft.  
Static level 120 ft. below land surface. Date \_\_\_\_\_  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 14"  
Depth drilled 300 ft. Depth of completed well 300 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	3	
DIATOMACEOUS EARTH	3	13	
HEAVY BLUE CLAY	13	30	
PUMICE WHITE	30	35	
DIATOMACEOUS EARTH	35	60	
FINE BROWN SAND	60	75	
DIATOMACEOUS EARTH	75	85	
GREEN CLAY & GRAVEL	85	100	
GREEN HARD CLAY	100	118	
CORSE SAND & BLACK	118		
CINDERS		125	120
BLACK & GRAY CLAY	135	150	120
GRAY CLAY	150	165	120
FINE BLACK SAND	165	180	120
BLACK & GRAY CLAY	180	205	120
BLACK CLAY WITH PUMICE	205	250	120
SAND STONE	250	255	120
BLUE & GREEN CLAY	255	290	120
BLACK CLAY & ASH	290	295	120

Work started MARCH 1, 1977 Completed 5/12, 1977  
Date well drilling machine moved off of well 5/15, 1977

**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] Billy J. Edwards Date 6/1, 1977  
(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 \_\_\_\_\_ (Person, firm or corporation) (Type or print)

Address \_\_\_\_\_

[Signed] \_\_\_\_\_ (Water Well Contractor)

Contractor's License No. \_\_\_\_\_ Date \_\_\_\_\_, 19\_\_\_\_

**CASING INSTALLED:**

Threaded  Welded   
" Diam. from 0-0 ft. to 1.12 ft. Gage 1/4"  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**PERFORATIONS:**

Perforated?  Yes  No.

Size 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? ART. W. REED

Flow rate: 1200 gal./min. with 14 ft. drawdown after 1 hrs.  
1400 " 18 " 6 "  
1500 " 19 " 1 "

Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.

Temperature of water 62° Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used CEMENT  
Well sealed from land surface to 2.5 ft.  
Diameter of well bore to bottom of seal 1.8 in.  
Diameter of well bore below seal 1.4 in.  
Number of sacks of cement used in well seal 10 sacks  
Number of sacks of bentonite used in well seal \_\_\_\_\_ sacks  
Brand name of bentonite \_\_\_\_\_  
Number of pounds of bentonite per 100 gallons \_\_\_\_\_  
of water \_\_\_\_\_ lbs./100 gals.  
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.



# LAKE 176



Oregon Water Resources Department  
725 Summer Street NE, Suite A  
Salem Oregon 97301  
(503) 986-0900  
www.wrd.state.or.us

## Application for Well ID Number

RECEIVED BY OWRD

JUL 15 2016

*Do not complete if the well already has a Well Identification Number.*

SALEM, OR

### I. OWNER INFORMATION

Current Owner Name (please print): Ken & Maria Cade  
Mailing Address: PO Box 26  
City, State, Zip: Fort Rock, OR 97735  
Mail Well ID Tag to:  SAME AS ABOVE  In Care Of (C/O)  
Name & Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_

### II. WELL LOCATION INFORMATION (Please fill out as completely as possible)

Township: 25 (North / South) Range: 15 (East / West) Section: 27 SW 1/4 of the NW 1/4  
Tax Lot (usually last 3-5 numbers of Tax Map #): 1200 County Lake  
GPS Coordinates: \_\_\_\_\_  
Street Address of Well, City: Cougar Mountain Rd  
If the property had a different street address in the past: \_\_\_\_\_

### III. GENERAL WELL INFORMATION (Please fill out as completely as possible, AND attach copy of Well Log, if available)

Use of Well (domestic, irrigation, commercial, industrial, monitoring): Irrigation  
Date Well Constructed (or property built): 5/25/77 Total Well Depth: 585 Casing Diameter: \_\_\_\_\_  
Owner at time the well was constructed (if known): Billy J. Edwards Well Log # (if known): LAKE 186 / 176  
Other Information: \_\_\_\_\_

SUBMITTED BY (please print): Denise Montgomery  
PHONE: 541-548-5833 EMAIL &/or FAX: neccee@apeands.com

Send application to: Oregon Water Resources Department 725 Summer St NE, Suite A, Salem, Oregon 97301; or fax to (503) 986-0902.  
Applications are processed in the order they are received, and Well ID Numbers are mailed within 4-5 business days.

For Official Use Only by the Oregon Water Resources Department:

Received Date: <u>7-15-16</u>	Well Log Number(s) <u>LAKE 176 / LAKE 186</u> ORIGINAL      DEEPENING	Well Identification #: <u>L-123469</u>
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