



# Water Well Report

Original - Ecology, 1<sup>st</sup> copy - owner, 2<sup>nd</sup> copy - driller

## Construction/Decommission

Construction

Decommission

ORIGINAL INSTALLATION Notice of Intent Number 180539

PROPOSED USE:  Domestic  Industrial  Municipal  
 DeWater  Irrigation  Test Well  Other

TYPE OF WORK: Owner's number of well (if more than one) \_\_\_\_\_  
 New well  Reconditioned  Dug  Bored  Driven  
 Deepened  Cable  Rotary  Jetted

DIMENSIONS: Diameter of well 6 inches, drilled 340 ft.  
 Depth of completed well 340 ft.

CONSTRUCTION DETAILS  
 Casing  Welded  6" Diam. from 7 ft. to 19 ft.  
 Installed:  Liner installed 4 1/2" Diam. from 7 ft. to 340 ft.  
 Threaded  Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Perforations:  Yes  No  
 Type of perforator used Saw  
 SIZE of perfs 0.25 in. by 7 in. and no. of perfs 68 from 304 ft. to 340 ft.

Screens:  Yes  No  K-Pac Location \_\_\_\_\_  
 Manufacturer's Name \_\_\_\_\_  
 Type \_\_\_\_\_ Model No. \_\_\_\_\_  
 Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Gravel/Filter packed:  Yes  No  Size of gravel/sand \_\_\_\_\_  
 Materials placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Surface Seal:  Yes  No To what depth? 19 ft.  
 Material used in seal BENTONITE  
 Did any strata contain unusable water?  Yes  No  
 Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
 Method of sealing strata off \_\_\_\_\_

PUMP: Manufacturer's Name \_\_\_\_\_  
 Type: \_\_\_\_\_ H.P. \_\_\_\_\_

WATER LEVELS: Land-surface elevation above mean sea level \_\_\_\_\_ ft.  
 Static level 185 ft. below top of well Date 9-2-05  
 Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_  
 Artesian water is controlled by \_\_\_\_\_ (cap, valve, etc.)

WELL TESTS: Drawdown is amount water level is lowered below static level  
 Was a pump test made?  Yes  No If yes, by whom? \_\_\_\_\_  
 Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  

Time	Water Level	Time	Water Level	Time	Water Level
_____	_____	_____	_____	_____	_____

Date of test \_\_\_\_\_  
 Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Airtest 50 gal./min. with stem set at 338 ft. for 1 hrs.  
 Artesian flow \_\_\_\_\_ g.p.m. Date \_\_\_\_\_  
 Temperature of water \_\_\_\_\_ Was a chemical analysis made?  Yes  No

Current Notice of Intent No. W188721

Unique Ecology Well ID Tag No. AIC 562

Water Right Permit No. \_\_\_\_\_

Property Owner Name J.D. Farrer

Well Street Address MERRITT DR.

City Goldendale County Tlickitat

Location N 1/4-1/4 NW 1/4 Sec 14 Twn 4 N R 16 E  EWM of WWM  Circle

Lat/Long (s, t, r) Lat Deg \_\_\_\_\_ Lat Min/Sec \_\_\_\_\_

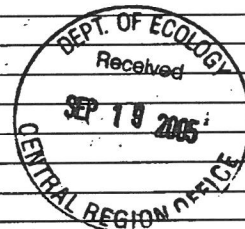
still REQUIRED ) Long Deg \_\_\_\_\_ Long Min/Sec \_\_\_\_\_

Tax Parcel No. \_\_\_\_\_

### CONSTRUCTION OR DECOMMISSION PROCEDURE

Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information indicate all water encountered. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
Top soil + Boulders	0	2
Hard Gray Basalt	2	57
Brown Clay	57	80
Basalt Hard Gray	80	130
Blue Clay	130	142
Basalt Hard Gray	142	176
Blue Clay	176	230
Basalt Hard Gray	230	248
Black Basalt	248	310
Basalt Hard Gray	310	340
Basalt Black + Brown		
residual (W&A)	310	340



Start Date 7-1-05 Completed Date 9-2-05

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller/Engineer/Trainee Name (Print) Trampas & Cahill  
 Driller/Engineer/Trainee Signature \_\_\_\_\_  
 Driller or trainee License No. 254

Drilling Company Cahill Well Drilling INC  
 Address 173 Cahill Rd  
 City, State, Zip Goldendale WA 98620  
 Contractor's Registration No. Cahill WDR & KD Date 9-2-05  
 Ecology is an Equal Opportunity Employer. ECY 050-1-20 (Rev 2/03)

If TRAINEE, Driller's Licensed No. \_\_\_\_\_  
 Driller's Signature \_\_\_\_\_