



March 12, 2001

Stephen Winfree  
Hart & Winfree  
910 Franklin Ave, No. 1  
Sunnyside WA 98944

**SUBJECT:** Water Right Research, Cervantes - Schinmann  
Certificates G4-24845C and G4-25551C

Enclosed are the "original" file copies for the above groundwater certificates obtained from the Yakima office Department of Ecology. Unfortunately, Ecology cut off portions of some pages when copying. By reviewing the entire record I was able to arrive at an interpretation of the intent and limitations of the water rights.

Both water right certificates issued for the same well source and same place of use:

Well within NE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 27, T. 10 N., R. 23 E.W.M.,  
approximately 200 ft S and 600 ft W of the E $\frac{1}{4}$  corner of Section 27.  
Well Report in G4-24845C file indicates 16 inch, 231 feet deep well drilled in 1977.

**Certificate G4-24845C**

Priority Date: February 25, 1977.  
Issued to: Elbert B. Schinmann.  
Source: A well; w/in NE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 27, T. 10 N., R. 23 E.W.M.  
Max. GPM: 1400 gpm.  
Max. Volume: 501 acre-feet per year [See Notes].  
Purpose: [Supplemental] Irrigation of 140 acres from April 1 to October 31 [See Notes].  
Place of Use: SW $\frac{1}{4}$ SW $\frac{1}{4}$  and W $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$  in Sec. 26 and E $\frac{1}{2}$ SE $\frac{1}{4}$  Sec. 27;  
all in T. 10 N., R. 23 E.W.M.

Notes: The Roza Irrigation District supplies this place of use, and so the water right issued with the provision that "A total of 501 acre-feet shall be allowed for the purpose of irrigation, less any amount applied to these same lands under existing rights." The right is supplemental to the Roza primary supply.



Certificate G4-25551C

Priority Date: September 20, 1977.  
Issued to: Elbert B. Schinmann.  
Source: A well; w/in NE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 27, T. 10 N., R. 23 E.W.M. (same well)  
Max. GPM: 650 gpm.  
Max. Volume: 34 acre-feet per year [See Notes].  
Purpose: Industrial use from June 1 to October 31.  
Place of Use: SW $\frac{1}{4}$ SW $\frac{1}{4}$  and W $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$  in Sec. 26 and E $\frac{1}{2}$ SE $\frac{1}{4}$  Sec. 27;  
all in T. 10 N., R. 23 E.W.M. (same place of use)

Notes: The face of the certificate does not clearly convey the intent of the water right. The provisions on the second page help clarify:

Provision: "The amount of 50 gallons per minute used continuously during a five-month period, June 1 through October 31, will consume 34 acre-feet per year."

Provision: "The additional 600 gallons per minute in the coolant system shall be supplemental to the 1400 gallon per minute instantaneous quantity associated with Ground Water Certificate G4-24845C. The total annual withdrawal from the ground water source shall not exceed 1450 gallons per minute, 535 acre-feet per year, less any water applied under existing rights with the Roza Irrigation District."

Provision: "The 34 acre-feet per year for the industrial supply shall be a primary source. The 501 acre-feet per year under Ground Water Certificate G4-24845C is a supplemental source."

Comment: The 34 af/yr is therefore only for the industrial use (mint still). 50 gpm out of the 650 gpm is also intended for the industrial use. The 600 gpm is "part of" the 1400 gpm issued under G4-24845C and not additive. The Department of Ecology's Report of Examination for G4-25551C states that 600 is for non-consumptive cooling water for the mint still. The idea appears to have been that the 600 gpm would be sent out for irrigation after performing its cooling function, and assist in the delivery of the maximum 501 af/yr under G4-24845C. A point of uncertainty is that G4-25551C only includes 34 af/yr on its face, and it should have included some annual volume to account for any withdrawals above 34 af/yr, even though supplemental in nature. As long as supplemental irrigation was occurring, the 600 gpm cooling use would be non-consumptive with respect to the industrial use, however if the supplemental irrigation was



not occurring there is an open question as to how the 600 gpm cooling water was disposed (and therefore whether it was truly non-consumptive to the aquifer). If the mint still / industrial use is of minor importance, then these questions are probably not critical to the business decisions at hand.

The supplemental irrigation right under these two certificates, combined, remains the same as with the first certificate: 1400 gpm and up to 501 af/yr for supplemental irrigation of up to 140 acres within the described place of use.

As we discussed over the phone, non-use of supplemental or back-up wells is excused as long as the works are maintained in good operating condition (RCW 90.14.140(2b)). An existing water right for supplemental supply to Roza will be extremely valuable this year.

Please let me know if you have any questions. I have also decided to put in a request to Ecology for any well report updates they may have in that section, and will advise you on what I find out.

Sincerely,

Tim Reiersen

enclosures

SID 201803

WATER WELL REPORT

STATE OF WASHINGTON

Application No 94-24845

Permit No.

(1) OWNER: Name Schinnman Farms Address Rt. 2 Box 2650 Sunnyside Wash.

(2) LOCATION OF WELL: County Yakima NE 1/4 SE 1/4 Sec 27 T10 N. R 23 WM

Beating and distance from section or subdivision corner

(3) PROPOSED USE: Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

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

(5) DIMENSIONS: Diameter of well 16 inches  
Drilled 231 ft Depth of completed well 231 ft

(6) CONSTRUCTION DETAILS:

Casing installed: 16 Diam from 2 ft to 231 ft  
Threaded  Diam from ft to ft  
Welded  Diam from ft to ft

Perforations: Yes  No   
Type of perforator used Factory 3 Turck  
SIZE of perforations 3/16 in by 3 in  
2,341 perforations from 100 ft to 229 ft  
perforations from ft to ft  
perforations from ft to ft

Screens: Yes  No   
Manufacturer's Name  
Type Model No  
Diam Slot size from ft to ft  
Diam slot size from ft to ft

Gravel packed: Yes  No  Size of gravel 3/8" pea  
Gravel placed from 100 ft to 231 ft

Surface seal: Yes  No  To what depth? 100 ft  
264 sacks Material used in seal Cement Pressure Grouted  
Did any strata contain unusable water? Yes  No   
Type of water? Depth of strata  
Method of sealing strata off

(7) PUMP: Manufacturer's Name  
Type H P

(8) WATER LEVELS. Land-surface elevation 927 ft  
Static level 0 ft below top of well Date 6/17/77  
Artesian pressure 12-13 lbs per square inch Date  
Artesian water is controlled by 12" gate Valve  
(cap valve, etc)

(9) 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.

Air test APRX 2000 gpm 29 hrs  
27' Drawdown

Recovery data (time taken to 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  
Ballot test gal/min with ft drawdown after hrs  
Artesian flow 800 APRX gpm Date 6/17/77  
Temperature of water 54 Was a chemical analysis made? Yes  No

(10) WELL LOG:

Formation Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
TOP SOIL	0	1
BOULDERS COURSE GRV	1	13
GRAVEL COURSE BRN	13	61
BASALT HARD GRV	61	99
CLAYSTONE GREEN SANDY GRV	99	107
SAND COURSE BRN	107	131
SANDSTONE BRN MED	131	231
CLAYSTONE BRN MED	231	

Casing Affair  
D. Anger

Work started 5/11 19 77 Completed 6/17 19 77

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief

NAME Stadel Drilling Co.  
(Person, firm, or corporation) (Type or print)

Address 12513 Mascher Rd. Silverton, Ore.

[Signed] Chuck Stadel  
(Well Driller)

License No 859 Date 7/21 19 77

(USE ADDITIONAL SHEETS IF NECESSARY)

OK

X





The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.







## TEXT SEARCH RESULTS

 [Back ...](#) |  [New Search](#)

- **Search Criteria Used:** Township: 10, Range: 23E, Section(s): 27, Quarter Section: SE, Quarter-Quarter Section: NE, County: YAKIMA
- There are 2 well logs that match your search criteria.
- The results are sorted by Well Owner Name.

 [Download all 2 Images](#) |  [Download all 2 Records](#) |  [Print this Page](#) |  [Help](#)

Displaying 1 - 2 of 2 well log results | Sort results by: Well Owner Name

1. **ROD RATTRAY** - { [view PDF](#)  | [view TIFF](#)  }  
Public Land Survey: NE, SE, S-27, T-10-N, R-23-E, Tax Parcel Number: (blank)  
County: YAKIMA, Well Address: (blank)  
Well Log ID: 326436, Well Tag ID: AFQ521, Notice of Intent Number: W089918  
Well Diameter: 12 (inches), Well Depth: 515 (feet)  
Well Type: Water, Well Completion Date: 2/7/2002, Well Log Received Date: 2/12/2002
2. **SCHINMAN FARMS** - { [view PDF](#)  | [view TIFF](#)  }  
Public Land Survey: NE, SE, S-27, T-10-N, R-23-E, Tax Parcel Number: (blank)  
County: YAKIMA, Well Address: (blank)  
Well Log ID: 329388, Well Tag ID: (blank), Notice of Intent Number: (blank)  
Well Diameter: 16 (inches), Well Depth: 231 (feet)  
Well Type: Water, Well Completion Date: 6/17/1977, Well Log Received Date: (blank)