

STATE OF OREGON  
**WATER WELL REPORT**  
 (as required by ORS 537.765)

*CLAC*  
*18841*

**RECEIVED**

OCT 14 1993

*25/1E/31db*

(START CARD) # **56726**

WATER RESOURCES DEPT.

(1) **OWNER:** Well Number **01**  
 Name **Pat Sonnen**  
 Address **22919 SW Stafford Rd.**  
 City **Tualatin** State **OR** Zip **97062**

(9) **LOCATION OF WELL by legal description:**  
 County **Clackamas** Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township **2South** N or S. Range **1East** E or W. WM. \_\_\_\_\_  
 Section **31D** NW ¼ SE ¼  
 Tax Lot **302** Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) **23172 SW Stafford Rd.**  
**Tualatin, Or.**

(2) **TYPE OF WORK:**  
 New Well  Deepen  Recondition  Abandon

(3) **DRILL METHOD:**  
 Rotary Air  Rotary Mud  Cable  
 Other \_\_\_\_\_

(4) **PROPOSED USE:**  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Other \_\_\_\_\_

(5) **BORE HOLE CONSTRUCTION:**  
 Special Construction approval  Yes  No Depth of Completed Well **485** ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
10	0	85	Cem/Bent	0	85	15 sacks
6	85	485				

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
 Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Gravel casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) **CASING/LINER:**

Casing/Liner	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing:	6	+2	85	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	4	14	485	160#	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) **None used**

(7) **PERFORATIONS/SCREENS:**  
 Perforations Method **saw**  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
465	484	1/8x3	160			<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) **WELL TESTS: Minimum testing time is 1 hour**

Pump  Bailer  Air  Flowing  Artesian

Yield gal/min	Drawdown	Drill stem at	Time
32½		480'	1 hr.

Temperature of Water **54°** Depth Artesian Flow Found \_\_\_\_\_  
 Was a water analysis done?  Yes By whom \_\_\_\_\_  
 Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
 Depth of strata: **59' to 78' 12 gpm 37 swl**

(10) **STATIC WATER LEVEL:**  
**216** ft. below land surface. Date **9-30-93**  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) **WATER BEARING ZONES:**

Depth at which water was first found	59'	78'	12'	37'
From	To	Estimated Flow Rate	SWL	
241	244	3	216	
279	287	5	216	
293	326	7	216	
401	410	17½	216	

(12) **WELL LOG:** Total **32½**  
 Ground elevation \_\_\_\_\_

Material	From	To	SWL
Soil, Brown	1	7	
Clay, Brown	7	38	
Sand, Cemented Brown	38	59	
Sandstone, Broken, Brown & Gray	59	78	37
Basalt, Brown	78	91	
Basalt, Multicolored, Soft	91	101	
Basalt, Brown & gray (alternat)	101	179	
Basalt, Black	179	190	
Basalt, Brown & Gray	190	215	
Basalt, Multicolored	215	228	
Basalt, Gray & Brown	228	241	
Basalt, Multicolored, Broke	241	244	216
Basalt, Gray	244	279	
Basalt Multi-colored Broke	279	287	216
Basalt Black	287	293	
Basalt Multi-colored Frac	293	326	216
Basalt Gray	326	401	
Basalt Multi-colored Frac	401	410	216
Basalt Black & Frenchmans	410	420	
Basalt Gray & Brown	420	432	
Basalt Black	432	444	
Basalt Black Fractured	444	485	

Date started **9-28-93** Completed **9-30-93**

(unbonded) Water Well Constructor Certification:  
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed *Ahona A. Brown* WWC Number **1601**  
 Date **10/12/93**

(bonded) Water Well Constructor Certification:  
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

Signed *Steven C. Bland* WWC Number **1592**  
 Date **10/12/93**