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2/11/89 ab

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

WATER RESOURCES DEPT (START CARD) # 1425

(1) OWNER: Name PACTRUST/Wiitala Management, Inc. Well Number: SA111 Address 111 S. W. Fifth Ave. Suite 2960 City Portland State OR Zip 97204

(2) TYPE OF WORK: [X] New Well [] Deepen [] Recondition [] Abandon

(3) DRILL METHOD [X] Rotary Air [X] Rotary Mud [] Cable [] Other

(4) PROPOSED USE: [] Domestic [] Community [] Industrial [X] Irrigation [] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well 645 ft. Explosives used [] [X] Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Amount sacks or pounds. Includes entries for Cement/gel and Drill gel.

How was seal placed: Method [] A [] B [X] C [X] D [] E Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes entries for Casing and Liner.

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: [] Perforations Method [] Screens Type Material

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner.

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

Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Includes entries for Pump, Bailer, Air, and Artesian.

Temperature of water 45 Depth Artesian Flow Found 300 hr. 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:

(9) LOCATION OF WELL by legal description: County Washington Latitude Longitude Township 2 S N or S, Range 1 W E or W, WM. Section 12 NW 1/4 NE 1/4 Tax Lot Lot Block Subdivision Street Address of Well (or nearest address) 15875 S. W. 72nd Tigard, Oregon 97224

(10) STATIC WATER LEVEL: ft. below land surface. Date Artesian pressure less 1 lb. per square inch. Date 2/7/89

(11) WATER BEARING ZONES: Depth at which water was first found 617

Table with columns: From, To, Estimated Flow Rate, SWL. Includes entries for 617-621 and 621-636.

(12) WELL LOG: Ground elevation

Table with columns: Material, From, To, SWL. Lists various soil types and depths from 0 to 153.

Date started 1/17/89 Completed 2/1/89

(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 WWC Number Date

(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 WWC Number 1266 Date 2/10/89

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

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Page 2 (START CARD) #

(1) OWNER:

Well Number: _____

Name _____
Address _____
City _____ State _____ Zip _____

(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 _____ ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount sacks or pounds
Diameter	From To	Material	From To	

How was seal placed: Method A B C D E
 Other _____

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

Pump Bailer Air Flowing
 Artesian

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

Temperature of water _____ 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: _____

(9) LOCATION OF WELL by legal description:

County _____ Latitude _____ Longitude _____
Township _____ N or S, Range _____ E or W, WM.
Section _____ ¼ _____ ¼
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground elevation _____

Material	From	To	SWL
Sticky gray-brown clay	184	203	
Sticky blue-gray clay	203	247'	
Soft gray clay	247	300	
Soft silty gray-blue clay	300	306	
Sticky gray clay	306	333	
Soft gray silty clay	333	378'	
Sticky light gray clay	378	394	
Soft gray-brown clay	394	404	
Sticky gray clay	404	446	
Soft dark gray silty clay	446	472	
Sticky light gray clay	472	484	
Soft dark brown clay	484	486	
Coarse black sand	486	489	
Soft blue-gray clay	489	496	
Sticky blue-gray clay	496	523	
Sticky gray-brown clay	523	533	
Hard blue-gray clay	533	551	
Hard green claystone	551	560	
Firm brown basalt	560	569	
Firm gray-brown basalt	569	582	
Soft brown basalt	582	587	
Firm gray-brown basalt	587	617	
Soft red basalt	617	621	

Date started _____ Completed _____

(unbonded) Water Well Constructor Certification:

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WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:

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Page 3 (START CARD) #

(1) OWNER:

Name, Address, City, State, Zip, Well Number:

(2) TYPE OF WORK:

Checkboxes for New Well, Deepen, Recondition, Abandon

(3) DRILL METHOD

Checkboxes for Rotary Air, Rotary Mud, Cable, Other

(4) PROPOSED USE:

Checkboxes for Domestic, Community, Industrial, Irrigation, Thermal, Injection, Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval, Depth of Completed Well, Explosives used

Table with columns: HOLE Diameter, SEAL Material, Amount sacks or pounds

How was seal placed: Method A, B, C, D, E, Other

Backfill placed from, Gravel placed from

(6) CASING/LINER:

Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

Checkboxes for Perforations, Screens, Method, Type, Material

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

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

Checkboxes for Pump, Bailer, Air, Flowing Artesian, Yield gal/min, Drawdown, Drill stem at, Time

Temperature of water, Depth Artesian Flow Found, Was a water analysis done, Did any strata contain water not suitable for intended use, Depth of strata

(9) LOCATION OF WELL by legal description:

County, Latitude, Longitude, Township, N or S, Range, E or W, WM, Section, Tax Lot, Lot, Block, Subdivision, Street Address of Well

(10) STATIC WATER LEVEL:

ft. below land surface, Date, Artesian pressure, lb. per square inch, Date

(11) WATER BEARING ZONES:

Table with columns: From, To, Estimated Flow Rate, SWL

(12) WELL LOG:

Table with columns: Material, From, To, SWL, Ground elevation

Date started, Completed

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