

<b>Well 1</b>	<b>CLAC 5615</b> <b>CLAC 5582 (deepen)</b>
<b>Well 2</b>	<b>CLAC 5593</b> <b>CLAC 5587 (deepen)</b>
<b>Well 3</b>	<b>CLAC 5591</b>
<b>Well 4</b>	<b>CLAC 5619</b>
<b>Well 5</b>	<b>CLAC 5639</b>
<b>Well 8</b>	<b>CLAC 5622</b>

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WATER RESOURCES DEPT  
SALEM, OREGON

**Attachment 1**  
**Well Logs**

Application for a Permit Amendment – G-11134

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T 10750

STATE ENGINEER  
Salem, Oregon

CLAC

05615

# Well Record

STATE WELL NO. 2/4-7C(1)  
COUNTY Clackamas  
APPLICATION NO. GR-245

OWNER: Glen T. Schaeffer

MAILING

ADDRESS: Route 3, Box 225A

LOCATION OF WELL: Owner's No. #1

CITY AND

STATE: Boring, Oregon

NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec. 7 T. 2 S., R. 4 E., W.M.

Bearing and distance from section or subdivision

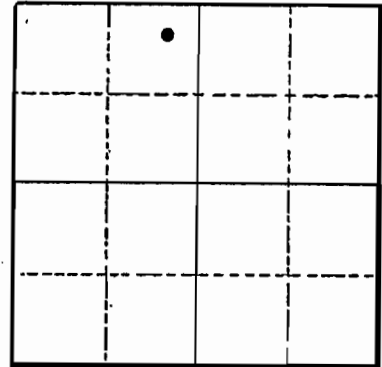
corner 2100' North & 510' West of center

of Section 7, T. 2 S., R. 4 E.

Altitude at well 600' Interpolated

TYPE OF WELL: Drilled Date Constructed June 51

Depth drilled 259' Depth cased 259'



Section 7

### CASING RECORD:

12-inch casing set from 0 to 259 feet

### FINISH:

16 perforations per foot (3/8" x 1/4") from 230 to 252 feet

### AQUIFERS:

Gravels from 227 to 258 feet

### WATER LEVEL:

170 feet below land surface

PUMPING EQUIPMENT: Type Western Land Roller H.P. 40

Capacity 800 G.P.M.

### WELL TESTS:

Drawdown 8 ft. after 1500 hours 1500 G.P.M.

Drawdown        ft. after        hours        G.P.M.

USE OF WATER Irrigation 106 acres Temp.        °F., 19

SOURCE OF INFORMATION Registration Statement GR-245

DRILLER or DIGGER       

### ADDITIONAL DATA:

Log yes Water Level Measurements        Chemical Analysis        Aquifer Test       

### REMARKS:

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SALEM, OREGON

T 10751



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CLAC 05582

25/4E-7  
Deep.

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

APR 20 1987

(1) OWNER:

Name ISEL NURSERY WATER RESOURCES DEPT  
Address 30590 S.E. KELSO RD SALEM, OREGON  
City BORING State ORE Zip \_\_\_\_\_

(9) LOCATION OF WELL by legal description:

County CLACK Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 25 N or S, Range 4E E or W, WM.  
Section 7 1/4 \_\_\_\_\_ 1/4 \_\_\_\_\_  
Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) same

(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   Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE		SEAL		Amount sacks or pounds
Water	From To	Material	From To	
		DID NOT DISTURB old		
		SEAL		

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:

Casing/Liner	Diameter	From	To	Gauge	Steel		Plastic		Welded		Threaded	
					_____	_____	_____	_____	_____	_____	_____	_____
Casing: 8"	228	360	250		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>

location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

Perforations Method AIR PERFORATIONS  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
228	360	1/8-2	2400			<input checked="" 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
100		360	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: \_\_\_\_\_

(10) STATIC WATER LEVEL:

228 ft. below land surface. Date 3-5-87  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found <u>260</u>			
From	To	Estimated Flow Rate	SWL
260	357	200-300	228

(12) WELL LOG:

Material	Ground elevation		SWL
	From	To	
0-260 All Ready Drilled			
SANDSTONE GRAVEL	260	270	228
GRAVEL	270	280	
SAND + GRAVEL	280	305	
GRAVEL LOOSE/W SAND	305	357	
Blue CLAY	357	364	228
DEEPEX NURSERY Well #1			
DID NOT DISTURB SEAL OR			
12" CASING			
<b>RECEIVED</b>			
DEC 18 2008			
WATER RESOURCES DEPT SALEM, OREGON			

Date started 2-13-87 Completed 3-16-87

(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 W.W. Pullman WWC Number 616  
Date 3-16-87

T 10751

NOTICE TO WATER WELL CONTRACTOR

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.

WATER WELL REPORT

STATE OF OREGON WATER RESOURCES (Please type or print)

05593 (Do not write above this line)

RECEIVED SEP 7 1976 State Well No. 25/4E-7 State Permit No. SALEM, OREGON

(1) OWNER:

Name ISELI NURSERY INC. Address 15241 SE TICKLE GREEK RD. BORING ORE ZIP 97009

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Rotary [ ] Driven [ ] Cable [x] Jetted [ ] Dug [ ] Bored [ ]

(4) PROPOSED USE (check):

Domestic [ ] Industrial [ ] Municipal [ ] Irrigation [x] Test Well [ ] Other [ ]

(5) CASING INSTALLED:

" Diam. from 0 ft. to 270 ft. Gage 250 Threaded [ ] Welded [x]

(6) PERFORATIONS:

Type of perforator used TORCH Perforated? [x] Yes [ ] No Size of perforations 1/4 in. by 8 in. 156 perforations from 140 ft. to 267 ft.

(7) SCREENS:

Well screen installed? [ ] Yes [x] No Manufacturer's Name Type Model No. 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? [x] Yes [ ] No If yes, by whom? LANZ WELL Yield: 300 gal./min. with 31 ft. drawdown after 8 hrs. Baller test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m.

(9) CONSTRUCTION:

Well seal—Material used Cement Bentonite & Clay Well sealed from land surface to 170 ft. Diameter of well bore to bottom of seal 12 in. Diameter of well bore below seal 10 in. Number of sacks of cement used in well seal 30 sacks Number of sacks of bentonite used in well seal 2 sacks Brand name of bentonite NATIONAL Number of pounds of bentonite per 100 gallons of water 65 Was a drive shoe used? [x] Yes [ ] No Plugs Size: location ft. Did any strata contain unusable water? [ ] Yes [x] No Type of water? depth of strata Method of sealing strata off Was well gravel packed? [x] Yes [ ] No Size of gravel: 1/2 Gravel placed from 170 ft. to 270 ft.

(10) LOCATION OF WELL:

County CLACK Driller's well number 197 1/4 Section 7 T. 2-S R. 4-E W.M. Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 197 ft. Static level 199 ft. below land surface. Date 8/28/76 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 0 ft. Depth drilled 270 ft. Depth of completed well 270 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.

Table with columns: MATERIAL, From, To, SWL. Rows include Soil, Clay Red, Clay Yellow, Gravel Cemented, Boulders, Chalk & Cobbles, Clay Light Yellow, Clay Embedded Gravel, Sandstone Yellow W.B., Gravel Cemented W.B.

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WATER RESOURCES DEPT SALEM, OREGON

Work started 8/14 19 76 Completed 8/28 19 76 Date well drilling machine moved off of well 8/31 19 76

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] Donald H. Lanz Date 8/28 1976 (Drilling Machine Operator) Drilling Machine Operator's License No. 246

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 LANZ WELL Drilling (Person, firm or corporation) (Type or print) Address 15702 S. Neighbor Rd Oregon City [Signed] Donald H. Lanz (Water Well Contractor) Contractor's License No. 565 Date 8-31 1976

10754

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

CLAG  
15587

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JAN 22 1985  
WATER RESOURCES DEPT  
SALEM, OREGON

25/4E-7  
Dup.  
(for official use only)

(1) OWNER:

Name I Sell Nursex  
Address 30590 SE, Kelso Rd.  
City Boring State OR

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Rotary Air  Driven   
Rotary Mud  Dug   
Cable  Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Thermal:   
Other:  Withdrawal  Reinjection   
Piezometric  Grounding  Test

(5) CASING INSTALLED:

Steel  Plastic   
Threaded  Welded   
....." Diam. from ..... ft. to ..... ft. Gauge .....

LINER INSTALLED:

Steel  Plastic   
Threaded  Welded   
7"00" Diam. from 240 ft. to 360 ft. Gauge 1.88

(6) PERFORATIONS:

Perforated?  Yes  No  
Size of perforations 1/4 in. by 12 inch in.  
480 perforations from 240 ft. to 360 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? Ted  
Yield: apx. 180 gal./min. with 30 ft. drawdown after 2 hrs.  
Air test ..... gal./min. with drill stem at ..... ft. hrs.  
Bailer test ..... gal./min. with ..... ft. drawdown after ..... hrs.  
Artesian flow ..... g.p.m.  
Temperature of water ..... Depth artesian flow encountered ..... ft.

(9) CONSTRUCTION:

Special standards: Yes  No   
Well seal—Material used .....  
Well sealed from land surface to ..... ft.  
Diameter of well bore to bottom of seal ..... in.  
Diameter of well bore below seal ..... in.  
Amount of sealing material ..... sacks  pounds   
How was cement grout placed? .....  
Was pump installed? yes Type Sub HP 40 Depth 315 ft.  
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.

(10) LOCATION OF WELL by legal description:

County CLATSOP 1/4 of Section 7 of  
Township 2 S Range 4 E WM.  
(Township is North or South) (Range is East or West)  
Tax Lot ..... Lot ..... Block ..... Subdivision .....  
MAILING ADDRESS OF WELL (or nearest address) 30590 S.E. Kelso Rd., Boring OR.  
Well # 2.

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 270 ft.  
Static level 225 ft. below land surface. Date .....  
Artesian pressure ..... lbs. per square inch. Date .....

(12) WELL LOG:

Diameter of well below casing 8"  
Depth drilled 275 ft. Depth of completed well 260 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
Lightly Cemented	270		225
GRAVEL WITH Large Boulders.		360	
Blue Clay + Sand	360	375	
Filled in with Pea Gravel			
	375	360 FT	

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WATER RESOURCES DEPT  
SALEM, OREGON

Date work started 9-28-84 / completed 10-15-84  
Date well drilling machine moved off of well 10-15-1984

(unbonded) Water Well Constructor Certification (if applicable):  
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] ..... Date ....., 19 .....

(bonded) Water Well Constructor Certification:  
Bond 2546611 Issued by: QAFCO  
(number) (Surety Company Name)  
On behalf of Ted Pulliam Well Drilling  
(type or print name of Water Well Constructor)

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

(Signed) Ted W Pulliam  
(Water Well Constructor)  
(Dated) 10-16-84

NOTICE TO WATER WELL CONSTRUCTOR  
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date of well completion. SP\*46866-690

NOTICE TO WATER WELL CONTRACTOR  
The original and first copy of this report  
are to be filed with the

WATER RESOURCES DEPARTMENT  
SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

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JUN 13 1980

State Well No.

25/4E-7ba

WATER RESOURCES DEPT

SALEM, OREGON

State Permit No.

CLACK  
05591

(1) OWNER:

Name Iseli Nursery  
Address 15241 S. E. Tickle Creek Rd.  
Boring, Oregon 97009

(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   
 Jetted   
 Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

(5) CASING INSTALLED:

Threaded  Welded   
10" Diam. from plus 1 ft. to 300 ft. Gage A53-B  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

(6) PERFORATIONS:

Perforated?  Yes  No.  
Type of perforator used Star Drive Down  
Size of perforations 1/4 in. by 2 in.  
1320 perforations from 240 ft. to 295 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  
a pump test made?  Yes  No. If yes, by whom? AMJannsen  
Yield: 200 gal./min. with 5 ft. drawdown after 8 hrs.  
" 300 " " 6-7 " " " "  
" 400 " " 8 " " " "  
Peller test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water 56° Depth artesian flow encountered \_\_\_\_\_ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement grout plus 5% gel  
Well sealed from land surface to 75 ft.  
Diameter of well bore to bottom of seal 15 in.  
Diameter of well bore below seal 10 in.  
Number of sacks of cement used in well seal 28 sacks  
How was cement grout placed? Tremmed on o.d. of casing  
@ 75 ft (15 sacks) & 25' to ground level (13  
sacks)  
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.

(10) LOCATION OF WELL:

County Clackamas Driller's well number \_\_\_\_\_  
NE 1/4 NW 1/4 Section 7 T. 2 S. R. 4 E. W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

(11) WATER LEVEL: Completed well.

Depth at which water was first found 220 ft.  
Static level 208 ft. below land surface. Date 6/12/80  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG:

Diameter of well below casing 10"  
Depth drilled 315 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
Hard sticky red-brown clay	0	14	
Light brown clay-occ. gravel-boulder	14	32	
Yellow brown clay-occ. gravel-boulder	32	38	
Hard brown clay-occ. gravel	38	70	
Brown cemented gravel-occ. cobble	70	95	
Gray-brpwn clay-occ. boulder	95	100	
Brown clay-occ. gravel-cobble	100	155	
Brown claystone-occ. sandstone streak	155	180	
Brown claystone & conglomerate	180	195	
Compact brown sand-occ. gravel	195	220	
Cemented brown sand & gravel-occ. loose	220	240	W.B.
Compact brown sand & gravel-occ. loose	240	270	W.B.
Clean loose brown sand and			

Work started 5/13/80 19 Completed 6/12/80 19  
Date well drilling machine moved off of well 6/12/80 19

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] A. M. Jannsen Date 6/16/80, 19\_\_\_\_  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 523

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 A. M. JANNSEN WELL DRILLING CO., INC.  
(Person, firm or corporation) (Type or print)

Address 21075 SW Tualatin Valley Hwy. Aloha, Or.

[Signed] A. M. Jannsen  
(Water Well Contractor)

Contractor's License No. 79 Date 6/17/80, 19\_\_\_\_

(USE ADDITIONAL SHEETS IF NECESSARY)

SP-40500-119

WATER RESOURCES DEPT  
SALEM, OREGON

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NOTICE TO WATER WELL CONTRACTOR  
The original and first copy of this report  
are to be filed with the  
WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

**WATER WELL REPORT**  
**STATE OF OREGON**  
(Please type or print)  
(Do not write above this line)

State Well No. 25/4E-269  
State Permit No. \_\_\_\_\_

**(1) OWNER:**

Name Iseli Nursery Page 2  
Address \_\_\_\_\_

**(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   
 Bored

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

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**(5) CASING INSTALLED:**

Threaded  Welded   
\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
\_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**(6) PERFORATIONS:**

Perforated?  Yes  No.  
Type 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  
a pump test made?  Yes  No If yes, by whom?  
Yield: gal./min. with ft. drawdown after hrs.  
" " " " "  
" " " " "  
Boiler test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used \_\_\_\_\_  
Well sealed from land surface to \_\_\_\_\_ ft.  
Diameter of well bore to bottom of seal \_\_\_\_\_ in.  
Diameter of well bore below seal \_\_\_\_\_  
Number of sacks of cement used in well gal \_\_\_\_\_ sacks  
How was cement grout placed? \_\_\_\_\_  
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.

**(10) LOCATION OF WELL:**

County \_\_\_\_\_ Driller's well number \_\_\_\_\_  
\_\_\_\_\_ 1/4 Section \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

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

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

**(12) WELL LOG:**

Diameter of well below casing \_\_\_\_\_  
Depth drilled \_\_\_\_\_ ft. Depth of completed well \_\_\_\_\_ 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
gravel-occ. cemented	270	305	W.B.
Cemented brown sand & gravel	305	310	
Brown claystone	310	315	
Well completed to 300 ft.			

Work started \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19  
Date well drilling machine moved off of well \_\_\_\_\_ 19

**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] \_\_\_\_\_ Date \_\_\_\_\_, 19\_\_\_\_  
(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\_\_\_\_

1-10751



WATER WELL REPORT  
STATE OF OREGON

CLAC  
05619

RECEIVED #4  
OCT 26 1983  
WATER RESOURCES DEPT.  
SALEM, OREGON

State Well No. 25/4E 8bc  
State Permit No.

(1) OWNER:

Name I Sell Nursery  
Address 15241 S.E. Tickle Creek  
City Boring State ORE

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Rotary Air  Driven   
Rotary Mud  Dug   
Bore  Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal:  Withdrawal  ReInjection

(5) CASING INSTALLED:

Steel  Plastic   
Threaded  Welded   
10" Diam. from +2 ft. to 295 ft. Gauge 250

LINER INSTALLED:

8" Diam. from 290 ft. to 337 ft. Gauge 160 PSI PVC

(6) PERFORATIONS:

Perforated?  Yes  No  
Type of perforator used ROTARY STAR AND SAW  
Size of perforations 1 1/4" x 1/4" in. 5 x 1/8" in.  
1300 perforations from 248 ft. to 292 ft.  
120 perforations from 290 ft. to 335 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?  
Air test 300+ gal./min. with drill stem at 300 ft. 1 hrs.  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes  No   
Well seal—Material used CEMENT  
Well sealed from land surface to 22 ft.  
Diameter of well bore to bottom of seal 15 in.  
Diameter of well bore below seal 10 in.  
Number of sacks of cement used in well seal 30 sacks  
How was cement grout placed? PUMP  
Was pump installed? Ted Type Sub HP 40 Depth 301 ft.  
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

(10) LOCATION OF WELL:

County CLATSOP Driller's well number  
SW 1/4 NW 1/4 Section 8 T. 2S R. 4E W.M.  
Tax Lot # Lot Blk Subdivision  
Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found 230 ft.  
Static level 155 ft. below land surface. Date 8/8/83  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 10  
Depth drilled 353 ft. Depth of completed well 337 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
SOIL BROWN	0	2	
CLAY BROWN	2	18	
CEMENTED GRAVEL	18	150	
CLAY BROWN	150	158	
CLAY BROWN w/SOME FINE GRAVEL	158	205	
SAND COURSE w/SOME FINE GRAVEL	205	258	155
CEMENTED GRAVEL w/BOULDERS	258	292	155
SANDSTONE BROWN HARD GRAVEL AND SAND	292	299	
SAND FINE BROWN & GRAY	299	338	155
	338	353	

Work started 7/20 19 83 Completed 8/8 19 83  
Date well drilling machine moved off of well 8/8 19 83

(unbonded) Water Well Constructor Certification (if applicable):  
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] Donald V. White Date 8/25, 19 83

Bonded Water Well Constructor Certification:  
Bond 2546611 Issued by: SARECO  
(number) Surety Company Name

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
Name Ted Pulliam well drilling  
(Person, firm or corporation) (Type or print)  
Address 4845 W. Powell, Gresham  
[Signed] Ted W. Pulliam  
Water Well Constructor Date Aug 27, 19 83

NOTICE TO WATER WELL CONSTRUCTOR  
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date of well completion. SP-45292-690

RECEIVED  
DEC 18 2008

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

**(1) OWNER:**

Name Mr. Verner W. & Germaine Iseli  
 Address 1610 N.E. 64th  
Portland 13 Oregon

**(2) LOCATION OF WELL:** Epperson Rd.  
 County Clatsop Owner's number 5491 Boring Oregon  
 So. W 1/4 No. W Section 8 T. 2 S. R. 4 E. W.M.  
 Bearing and distance from section or subdivision corner.  
(SE 1/4 of NW 1/4 & East half of the  
So. W. 1/4 N.W. 1/4 of Sec. 8

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

New Well  Deepening  Reconditioning  Abandon   
 Abandonment, describe material and procedure in Item 11.

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

Domestic  Industrial  Municipal   
 Irrigation  Test Well  Other

**(5) TYPE OF WELL:**

Rotary  Driven   
 Cable  Jetted   
 Dug  Bored

**(6) CASING INSTALLED:**

Threaded  Welded   
10 " Diam. from 0 ft. to 287 ft. Gage 330  
 " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
 " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**(7) PERFORATIONS:**

Perforated?  Yes  No  
 Type of perforator used 4 way drive down  
 SIZE of perforations 1 1/2 in. by 3/8 in.  
264 perforations from 270 ft. to 281 ft.  
280 perforations from 240 ft. to 260 ft.  
240 perforations from 95 ft. to 105 ft.  
 \_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 \_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(8) SCREENS:**

Well screen installed  Yes  No  
 Manufacturer's Name \_\_\_\_\_  
 Type \_\_\_\_\_ Model No. \_\_\_\_\_  
 \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Was a surface seal provided?  Yes  No To what depth? 27 ft.  
 Material used in seal— Cement, Sand & Gravel  
 Did any strata contain unusable water?  Yes  No  
 Type of water? \_\_\_\_\_ Depth of strata \_\_\_\_\_  
 Method of sealing strata off \_\_\_\_\_

**(10) WATER LEVELS:**

Static level 180 ft. below land surface Date 2/14/63  
 Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_

Log Accepted by: \_\_\_\_\_

[Signed] \_\_\_\_\_ Date \_\_\_\_\_ 19\_\_\_\_  
 (Owner)

**(11) WELL TESTS:**

Drawdown is amount water level is lowered below static level Bottner  
 Was a pump test made?  Yes  No If yes, by whom? Drilling Co.  
 Yield: 150 gal./min. with 0 ft. drawdown after 15 hrs.  
 " 300 " " 2 " " 8 "  
 " " " " " " "  
 Bailer test gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Artesian flow \_\_\_\_\_ g.p.m. Date \_\_\_\_\_  
 Temperature of water 52 Was a chemical analysis made?  Yes  No

**(12) WELL LOG:**

Diameter of well 10 inches.  
 Depth drilled 367 ft. Depth of completed well \_\_\_\_\_ ft.  
 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	3
Fine sand & clay, brown	3	25
Gravel cemented	25	58
Boulders & coarse gravel	58	95
Gravel fine water br. approx.	95	105
Clay sandy, brown	105	126
Sand, fine, brown	126	155
Gravel, cemented	155	170
Gravel, medium	170	190
Gravel, cemented	190	220
Gravel, cemented w/ water se	220	270
Gravel, medium, water bearing	270	276
Gravel, cemented	276	287
Basalt, black	287	298
Rock, gray, water bearing	298	315
Clay, blue	315	367

Work started Dec. 12 1962 Completed Feb. 14 1963

**(13) PUMP:**

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

**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 Haakon Bottner Drilling Co.  
 (Person, firm, or corporation) (Type or print)

Address 11544 N. E. GLISAN ST.  
Portland 20, OREGON  
 Driller's well number \_\_\_\_\_

[Signed] Haakon Bottner  
 (Well Driller)

License No. 109 Date March 10 1963

RECEIVED

DEC 18 2000 (ADDITIONAL SHEETS IF NECESSARY)

**WATER WELL REPORT**  
STATE OF OREGON

CLAC  
05622

**RECEIVED**

OCT 25 1983

PLEASE TYPE OR PRINT IN INK  
WATER RESOURCES DEPT

State Well No. 23/4E Sac

State Permit No. \_\_\_\_\_

SALEM, OREGON

**(1) OWNER:**

Name Ronald James  
Address 2547 Oak Creek Circle  
City SAUNDY 97132 State OR

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

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary Air  Driven  Domestic  Industrial  Municipal   
Rotary Mud  Dug  Irrigation  Test Well  Other   
Cable  Bored  Thermal: Withdrawal  Reinjection

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

**(5) CASING INSTALLED:** Steel  Plastic   
Threaded  Welded

10" Diam. from +2 ft. to 139 ft. Gauge 250  
8" Diam. from 0 ft. to 308 ft. Gauge 277

**LINER INSTALLED:**

6" Diam. from 300 ft. to 400 ft. Gauge 200 PSI PVC

**(6) PERFORATIONS:** Perforated?  Yes  No

Type of perforator used ROTARY STAR AND SAW  
Size of perforations 1 1/4 x 1/4 in. 5 x 1/8 in.

900 perforations from 250 ft. to 285 ft.  
350 perforations from 305 ft. to 390 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?  
1st: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Air test 300+ gal./min. with drill stem at 380 ft. | \_\_\_\_\_ hrs.  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:** Special standards: Yes  No

Well seal—Material used CEMENT  
Well sealed from land surface to 24 ft.  
Diameter of well bore to bottom of seal 14 in.  
Diameter of well bore below seal 10 in.  
Number of sacks of cement used in well seal 32 sacks  
How was cement grout placed? PUMP

Was pump installed? \_\_\_\_\_ Type \_\_\_\_\_ HP \_\_\_\_\_ Depth \_\_\_\_\_ ft.  
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.

**(10) LOCATION OF WELL:**

County CLACKAMAS Driller's well number \_\_\_\_\_  
SW 1/4 NE 1/4 Section 8 T. 25 R. 4E W.M. \_\_\_\_\_  
Tax Lot # \_\_\_\_\_ Lot \_\_\_\_\_ Blk \_\_\_\_\_ Subdivision \_\_\_\_\_

Address at well location: \_\_\_\_\_

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

Depth at which water was first found 238 ft.  
Static level 152 ft. below land surface. Date 7/14/83  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:** Diameter of well below casing 8

Depth drilled 404 ft. Depth of completed well 400 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
SOIL AND SAW DUST	0	3	
CLAY BROWN	3	19	
CEMENTED GRAVEL WITH LARGE BOULDERS	19	128	
CLAY GRAY	128	144	
CEMENTED GRAVEL	144	238	
SAND FINE	238	247	152
CEMENTED GRAVEL	247	298	152
SANDSTONE BROWN	298	337	152
CLAY BROWN	337	345	
CLAY BLUE	345	358	
SANDSTONE	358	374	152
CLAY GRAY	374	404	

Work started 6/20 19 83 Completed 7/18 19 83  
Date well drilling machine moved off of well 7/18 19 83

**(unbonded) Water Well Constructor Certification (if applicable):**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] Donnell W. Powell Date 8/10, 19 83

**Bonded Water Well Constructor Certification:**

Bond 045664 Issued by: SAFECO  
(number) Surety Company Name  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
Name Donnell W. Powell Well Drilling  
(Person, firm or corporation) (Type or print)  
Address 4245 W Powell  
[Signed] Donnell W. Powell  
Water Well Constructor  
Date 7/25, 19 83

NOTICE TO WATER WELL CONSTRUCTOR  
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date of well completion.

SP-45292-690

**RECEIVED**

DEC 18 2008

WATER RESOURCES DEPT  
SALEM, OREGON