Well 1 CLAC 5615

CLAC 5582 (deepen)

Well 2 CLAC 5593

CLAC 5587 (deepen)

Well 3 CLAC 5591

Well 4 CLAC 5619

Well 5 CLAC 5639

Well 8 CLAC 5622

## **RECEIVED**

DEC 1 8 2008

WATER RESOURCES DEPT SALEM, OREGON

## Attachment 1 Well Logs

Application for a Permit Amendment - G-11134

1 10757

STATE ENGINEER AC Salem, Oregon Well Record	STATE WELL NO. 2/4-7C(1) COUNTY Clackages APPLICATION NO. GR-245
OWNER: Glen T. Schaeffer ADDRESS:	Route_3, Box_225A
LOCATION OF WELL: Owner's No#1 CITY AND STATE:	Boring, Oregon
NE 1/4 NW 1/4 Sec	•
corner 2100' North & 510' West of center  of Section 7, T. 2 S., R. 4 E.	
Altitude at well 600' Interpolated	
TYPE OF WELL: Prilled Date Constructed June 51.  Depth drilled259!	Section7
CASING RECORD:	
12-inch casing set from 0 to 259 feet	
FINISH:	-
16 perforations per foot (3/8" x 1¼") from 230 to 252 f	Ceet ~
AQUIFERS:	
Gravels from 227 to 258 feet	
WATER LEVEL:	
170 feet below land surface	
PUMPING EQUIPMENT: TypeWastern Land Rollar	H.P. 40
WELL TESTS: Drawdown	1500. G.P.M.
Drawdown ft. after hours	G.P.M.
USE OF WATER Irrigation 106 acres Temp. °SOURCE OF INFORMATION Registration Statement GR-24 DRILLER or DIGGER ADDITIONAL DATA:	5
Log	lysis Aquifer Test

**RECEIVED** 

DEC 1 8 2008

WATER RESOURCES DEPT SALEM, OREGON

### STATE ENGINEER Salem, Oregon

State Well No.	2/4-70(1)
	Clackamas
Application No.	GR-245

## Well Log

Owner: Glenn T. Schaeffer	ه د د د د د د د د د د د د د د د د د د د	Owner's No	<i>#</i> 1
Driller:			
CHARACTER OF MATERIAL		v land surface)	Thickness
CHARACIER OF MATERIAL	From	То	(feet)
Top soil	0	2	. 2
Clay, red	2	12	10
Clay, mottled	12	75	63
Gravel, weathered, cemented	75	225	150
Rock	225	227	2
Gravel, clean, round, water bearing	227	258	31
Sand, black, course	258	259	1
W			
Annahar			
		REC	EIVED
		DEC 1	8 2008
		WATER RESC	OURCES DEPT
		SALEM,	OREGON
T (075)			
1 10751			}

#### STATE OF OREGON

## WATER WELL REPORT (as required by ORS 537.765)

(1) OWNER: WATER-RESOURCES D Name 45 CL / Varser V , SALEM OREGON		OF WELL by lea	_		
Name + 3 CL / VU / S C K Y SALEM, OREGON Address 3 0 5 9 0 5 F	County	Latitude	Longitu	de	
City RORINO State Of Zip	Township	N or S, Range	1 <u>E</u>	E or W	, WM.
	Section 2		1/4		
(2) TYPE OR WORK:	Tax Lot			division_	
New Well Recondition Abandon	Street Address of V	Well (or nearest address)	<del>mme</del>		·
(3) DRILL METHOD					
Rotary Air Rotary Mud Cable	1 2 n 2	VATER LEVEL:		D	- an
Other	228 ft.	below land surface.	Date	<u>, ۳</u>	5-87
(4) PROPOSED USE:	Artesian pressure	lb. per squar	e inch. Date	·	
Domestic Community Industrial Irrigation	(11) WATER I	BEARING ZONES	):		
Thermal Injection Other	Depth at which water wa	on first found	260		
BORE HOLE CONSTRUCTION:			D.:: 171		
Special Construction approval Yes No Depth of Completed Well ft.	From	To.	Estimated Flo		SWL
Explosives used	760		200-	100	228
HOLE SEAL Amount					-
eter From To Material From To sacks or pounds					<del>                                     </del>
THOUSE DICTIONS	(12) WELL LÔ	G.			
VIVIO VISITAD OIC	(12) WELLEO	Ground elevation			
-   Cp +2/_		Material	From	То	SWL
	1 0-760	/ <u> </u>			
How was seal placed: Method A B B C D E	A/1 Rea	dx Drilled		<del> </del>	<del>                                     </del>
Under	0	Taria Marau	1 7/	1070	700
Gravel placed fromft. toft. Size of gravel	10000	ONE JUNAUS	1700	200	278
(6) CASING/LINER:	Chart	GRAVEL	280	305	+
		00 Se/W 577	7/3/25	355	;
Diameter From To Gauge Steel Plastic Welded Threaded	BLUE	C/DV	351	366	1110
				1247	<i>a</i>
			- 4 /		
Liner:	Deeper	NURSEYWE	<u>://#</u> /	<del></del>	
	7		1/1	<del>  ,</del>	
location of shoe(s)	DIO NO.	I DISTUR	D. 500	<u> 26 0</u>	K
(7) PERFORATIONS/SCREENS;	10 11-11	nci ia		-	<del>                                     </del>
Perforations Method alk Pek Fora Tions	12 C	451Ng	DE	<del>↑EI</del> W	
Screens Type Material				<b>YLIV</b>	
Slot Tele/pipe  m To size Number Diameter size Casing Liner				1 00	<u></u>
To size Number Diameter size Casing Lines			- UE	<del>. 182</del>	<del>1008 -</del>
			MATED DE	- Louis	50 050
			WATER RE		
			SALE	M, ORE	GON
	Date started 2 -	3-87 Comple	ted 3-/6	-87	
	(unbonded) Water V	Well Constructor Cert	fication		
(8) WELL TESTS: Minimum testing time is 1 hour	, ,	e work I performed on		ion, alter	ation, or
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian		well is in compliance used and information rep			
Yield gal/mln Drawdown Drill stemat Time	knowledge and belief.	ised and information rep	orted above a	re true to	my best
700   360   1 hr.			WWC No	ımber	
/W I'm.	Signed		Date		
	(bonded) Water We	ll Constructor Certific	ation:		
Temperature of water Depth Artesian Flow Found	I accept respons	ibility for the construction	on, alteration		
Temperature of water Depth Artesian Flow Found Depth Artesian Flow Found By whom		is well during the constr ing this time is in o			
Did any strata contain water not suitable for intended use?   Too little	construction-standard	ls. This report is true to	the best of n	igi Oreg	edge and
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other	belief.	1/1/11	WWC N		16
Depth of strata:	Signed //	1 (Lullan)	Date 2	-16-	97
WHITE COPIES - WATER RESOURCES DEPARTMENT YELLOW CO	OPY - CONSTRUCTOR	PINK COPY	CUSTOMER		9809C 10/86

STATE ENRINGES, SALEM, ORRIGON 19720  THOSE STATE ENRINGES (Comparing to the date of the comparing to the com	NOTICE TO WATER WELL CONTRACTOR The original and first copy	T. DEPONE
Comparison   Com	of this report are to be filed with the	LL REPORT SEP! 1976 2 JUE -7
(1) ONNERS.    County   Charles	STATE ENGINEER, SALEM, OREGON 97310	OREGON TER PERSUAN Well No. O. J. Z.
(1) ONNERS.    County   Charles	within 30 days from the date	state Permit No.
(1) ONNERS.    County   Charles	of well completion.	nove this line)
Name   Set	(1) OWNER:	(10) LOCATION OF WELL:
Sacre   Sacr		
Searing and distange from setting or subdivision corner   Control   Proposition   Abandon   It abandonment, describe material and procedure in hem 12.		7 9.0 40
(2) TYPE OF WORK (check):    Abandon		
It abandonment, describe material and procedure in item 12.   (3) TYPE OF WELL:   (4) PROFOSED USE (check):   (2) Empty at which water was first found   (3) Type   (3) Prive   (3) Diameter   (4) PROFOSED USE (check):   (4) PROFOSED USE (check):   (5) Diameter   (6) Diameter	(2) TYPE OF WORK (check):	bearing and distance from section of subdivision corner
CASING INSTALLED:   Completed well.   Check   Domestic   Distantial   Municipal   Distantial	New Well	
(3) TYPE OF WELL: (4) PROPOSED USE (check): Domestic	If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed well.
Rotary Briven   Domestic   Domest	(3) TYPE OF WELL: (4) PROPOSED USE (check):	* P
Bored   Irrigation   Trest Well   Other		100 a los fel
CASING INSTALLED: Threaded   Welded   Welded   Depth from	Cable 19 Jetted 1	
Diam. from ft. to 27D ft. Gage 25D ft. Diam. from ft. to 27D ft. Gage 25D ft. Diam. from ft. to 5t. Gage 25D ft. Diam. Stot size 25D ft. Diam. St	(E) CACING INCHALLED	
Dism. from ft. to ft. Gage   The principle of completed will get in the principle of the p	Timeaucu Weided	(12) WELL LOG: Diameter of well below casing O
PERFORATIONS:  Perforation from ft. to ft. t		Depth drilled 270 ft. Depth of completed well 270 ft.
With at least one entry for each change of formation. Report each change of formation of steries where Law in the post formation of the post formation of the post formation of the formation of the post formation of the formation of the formation of the formation formation reported above are true to my between the formation formation reported above are true to my between the formation formation reported above are true to my between the formation reported above are true to my between the formation formation reported above are true to my between the formation formation reported above are true to my between the formation reported above are true to my between the formation reported above are true to my between the formation reported above are true to my between the formation reported above are true to my between the formation reported above are true to my between the formation reported above are true to my between the formation reported above are true to my between the formation reported above are true to my between the formation reported above are true to my between the format		
Size of perforations of the by 8 in.    Size of perforations from	P CONTRACTOR OF THE PROPERTY O	
Size of perforations from	Terrorated: Terrorated: 100 Little	position of Static Water Level and indicate principal water-bearing strata.
perforations from fit to fit fit perforations from fit to fit fit perforations from fit to fit	Type of perforator used TORCH	
perforations from ft. to ft. garden from gal/min, with ft. drawdown after from ft. garden from ft. gard		
Perforations from	• • • • • • • • • • • • • • • • • • • •	
Manufacturer's Name  Type		XV.
Manufacturer's Name  Type	perforations fromft. toft.	Roy de 06 109 105 0
Model No.   Mode	(7) SCREENS: Well screen installed?   Yes No	CALLO COMPLES 105 118 D
Diam. Slot size Set from ft. to ft. Diam. Slot size Set from ft. Di	Manufacturer's Name	Chay Light YeLLOW 118 144 0
Sold size		CLAU EMBERCA GRAVES 144 197 0
(8) WELL TESTS: Drawdown is amount water level is lowered below static level  Was a pump test made? Yes No If yes, by whom? Mid National It.  Weld: 300 gal./min, with It. drawdown after hrs.  Artesian flow g.p.m.  Artesian flow g.p.m.  Artesian flow encountered It.  (3) CONSTRUCTION:  Well seal—Material used Interest In Month of Seal In.  Diameter of well bore below seal In.  Diameter of well bore below seal In.  Number of sacks of cement used in well seal sacks  Brand name of bentonite Interest Intere		SANTSTONE YELDW WILLIAM 233 144
Was a pump test made? Free No It yes, by whorn? Add It It yes, by whorn? Add It yes, by	Diam. Slot size Set from It. to	EKAMER GEMENTED WIT SAT AND 144
Was a pump test made? Yes \ No If yes, by whom? Ablain   Yeld: 300 gal/min, with 3 ft. drawdown after 8 hrs.  Baller test gal/min, with 1t. drawdown after hrs.  Artesian flow g.p.m.  The amperature of water 5 Depth artesian flow encountered ft.  3) CONSTRUCTION:  Well seal—Material used   CLIRINI   Dunitonite   Clay   Completed   Clay		
Baller test gal./min. with 1t. drawdown after hrs.  Artesian flow g.p.m.  SALEM, OREGON  Work started 19 76 Completed 19 76  Boundary Resolution 19 76  SALEM, OREGON  Work started 8 19 76  Baller test gal./min. with 1t. drawdown after hrs.  SALEM, OREGON  Work started 8 19 76  Date well drilling machine moved off of well 19 76  Date well drilling machine moved off of well 19 76  Date well drilling machine moved off of well 19 76  Date well drilling machine moved off of well 19 76  Date well 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 1 19 76  Drilling Machine Operator's Certification:  This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Name 1 19 76  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 1 19 76  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 2 10 10 10 10 10 10 10 10 10 10 10 10 10		RECEIVED
Bailer test gal/min, with it. drawdown after hrs.  Artesian flow g.p.m.  Artesian flow g.p.m.  SALEM, OREGON  Work started 8 14 19 76 Completed 8 38 19 76  Work started 8 14 19 76 Completed 8 38 19 76  Date well drilling machine moved off of well 4 19 76 Completed 8 38 19 76  Date well drilling machine moved off of well 4 19 76  Date well drilling machine moved off of well 4 19 76  Date well 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 Curling Machine Operator's License No.  Drilling Machine Operator's License No.  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 ANZ UFIL DY (IIII 19)  Was a drive shoe used? Yes \( \) No \( \) Size of gravel:  Was well gravel packed? Yes \( \) No \( \) Size of gravel:  Was well gravel packed? Yes \( \) No \( \) Size of gravel:  Was well gravel packed? Yes \( \) No \( \) Size of gravel:  Work started 8 14 19 76  Work started 8 14 19 76  Tomperator of well by Tomperator of well work of well 4 19 76  Tomperator of well by Tomperator of well by Tomperator of well or well and information reported above are true to my best knowledge and belief.  Signed 1 19 76  Work started 8 14 19 76  Date well drilling machine moved off of well 4 19 76  Date well drilling machine moved off of well 4 19 76  Date well drilling machine moved off of well 5 19 76  Date well drilling machine moved off of well 4 19 76  Date well drilling machine moved off of well 4 19 76  Date well drilling machine operator's Certification:  This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Name And	Yield: 300 gal./min. with 31 ft. drawdown after 8 hrs.	
Bailer test gal./min, with tt. drawdown after hrs.  Artesian flow  SALEM, OREGON  Work started 8 19 76 Completed 8 19 76  Salem, OREGON  Work started 8 19 76 Completed 8 19 76  Salem, OREGON  Work started 8 19 76 Completed 8 19 76  Salem, OREGON  Work started 8 19 76 Completed 8 19 76  Salem, OREGON  Date well drilling machine moved off of well 9 19 76  Salem, OREGON  Work started 8 19 76 Completed 8 19 76  Salem, OREGON  Work started 8 19 76 Completed 8 19 76  Salem, OREGON  Date well drilling machine moved off of well 9 19 76  Salem, OREGON  Work started 8 19 76 Completed 8 19 76  Salem, OREGON  Date well drilling machine moved off of well 9 19 76  Salem, OREGON  This well seal operator's Certification:  This well was constructed under my direct supervision.  Materials used and information reported above are true to my best knowledge on belief.  Signed 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
Artesian flow g.p.m.  Artesian flow g.p.m.  SALEM, OREGON  Work started \$1976, Completed \$1	"	
work started 3 19 7 Completed 3 19 Total 4 19 T	Bailer test gal./min. with ft, drawdown after hrs.	100000
Well seal—Material used CEMENT BENTONIES AND Drilling Machine Operator's Certification:  Well sealed from land surface to	Artesian flow g.p.m.	SALEM, OREGON
Well seal—Material used CLMENT Buntonites CAU Well sealed from land surface to 170	emperature of water 52 Depth artesian flow encountered ft.	Work started 8/14 19 76 Completed 8 13 % 19 76
Well sealed from land surface to	CONSTRUCTION WELL WIS Scaled with General CAR	
Well sealed from land surface to 170		Drilling Machine Operator's Certification:
Diameter of well bore to bottom of seal in Diameter of well bore below seal in In Diameter of well bore below seal in In Diameter of well bore below seal in In Diameter of sacks of cement used in well seal sacks Number of sacks of bentonite used in well seal sacks Brand name of bentonite In		This well was constructed under my direct supervision.
Diameter of well bore below seal		Materials used and information reported above are true to my best knowledge and belief.
Number of sacks of cement used in well seal sacks  Number of sacks of bentonite used in well seal sacks  Brand name of bentonite	10	
Number of sacks of bentonite used in well seal sacks  Brand name of bentonite used in well seal sacks  Brand name of bentonite used in well seal sacks  Brand name of bentonite used in well seal sacks  Brand name of bentonite used in well seal sacks  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 ANZ UFIL DYILLING  (Person, tirm or corporation) (Type or print).  Address 15 70 3 S. Naihut 12 OYEGOY CITY  Was well gravel packed? D'Yes   No Size of gravel:  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 ANZ UFIL DYILLING  (Person, tirm or corporation) (Type or print).  Address 15 70 3 S. Naihut 12 OYEGOY CITY  (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 ANZ UFIL DYILLING  (Person, tirm or corporation) (Type or print).  Address 15 70 3 S. Naihut 12 OYEGOY CITY  (Water Well Contractor's Certification:		(Drilling Machine Operator)
Number of pounds of bentonite per 100 gallons of water	Number of sacks of bentonite used in well seal	Drilling Machine Operator's License No.
of water		Water Well Contractor's Certification:
Was a drive shoe used? Nes \( \text{No} \) No \( \text{Plugs} \) Size: location \( \text{ft.} \)  Did any strata contain unusable water? \( \text{No} \) Xes \( \text{No} \)  Type of water? \( \text{depth of strata} \)  Method of sealing strata off  Was well gravel packed? \( \text{Dyes} \) \( \text{No} \) Size of gravel: \( \text{Signed} \)  [Signed] \( \text{Nonoclasses} \)  (Water Well Contractor)		
Did any strata contain unusable water?  \( \text{Yes to No} \)  Type of water?  \( \text{depth of strata} \)  Method of sealing strata off  Was well gravel packed?  \( \text{Ves } \square \text{No} \)  Size of gravel:  \( \text{Signed} \)  Name (\text{Person, firm or corporation}) (Type or print).  Address \( \text{L5 } 70 \text{3 } \text{S. Ngibut Cd Ovegon C.I.7} \)  [Signed] \( \text{Vorold } \text{Contractor}) \)	. /	1 1x17 /-15(1 Don't)
Type of water?  depth of strata  Address 15.70.3 S. Naihut Rd Ovegon C.I.7  Method of sealing strata off  Was well gravel packed? D'ves   No Size of gravel:   [Signed] Corold Water Well Contractor)		Name / #N. (Person, firm or corporation) (Type or print).
Method of sealing strata off  Was well gravel packed? Description Size of gravel:  [Signed]	1-	Address 15702 S. Naibur Rd Ovegon C.T.T
Was well gravel packed? Yes No Size of gravel: (Water Well Contractor)		[Signed] L Constal H Lan
Gravel placed from 170 ft. to 2701 ft. Contractor's License No. 555 Date 8-31 1976	Was well gravel packed? Yes No Size of gravel:	(Water Well Contractor)
	Gravel placed from 170 ft. to 2701 ft.	Contractor's License No. 5.65. Date

(USE ADDITIONAL SHEETS IF NECESSARY)

SP\*45656-119

#### STATE OF OREGON

## RECEIVED

JAN 22 1985

WATER WELL REPORT C (5587 PLEASE WATER PRINTRY RES DEPT (as required by ORS 537.765) (1) OWNER: (10) LOCATION OF WELL by legal description: State OR ... Block (2) TYPE OF WORK (check): MAILING ADDRESS OF WELL (or nearest address) Deepening 🗘 New Well Reconditioning Abandon 🗆 If abandonment, describe material and procedure in Item 12 (11) WATER LEVEL of COMPLETED WELL: (3) TYPE OF WELL: (4) PROPOSED USE (check): Depth at which water was first found Rotary Air Driven Domestic ☐ Industrial ☐ Municipal Thermal: Static level Q 9 5 ft. below land surface. Date Rotary Mud 🔲 Irrigation Withdrawal ☐ Reinjection Artesian pressure Other: Piezometric lbs. per square inch. Date ☐ Grounding Bored (12) WELL LOG: Depth drilled Diameter of well below casing Depth of completed well CASING INSTALLED: Steel Plastic Threaded Welded Formation: Describe color, texture, grain size and structure of materials; and show thickness " Diam. from ... ft. Gauge 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 ft. to ." Diam, from ...... Gauge water-bearing strata. LINER INSTALLED: Steel Plastic MATERIAL SWI. (4) ft. Cemente Gauge 4. (6) PERFORATIONS: Size of perforations Q40 ft to 360 ft perforations from perforations from . C/77 V & Sand 360 375 (7) SCREENS: Well screen installed? ☐ Yes ☐ No Manufacturer's Name ...... Туре ... Model No. . Slot Size ...... Diam. ..... Set from ... Slot Size . .... Set from .. Drawdown is amount water level is lowered (8) WELL TESTS: below static level RECEIVED Was a pump test made? Yes \(\sigma\) No If yes, by whom? gal./min. with 30 ft. drawdown after hrs. DEC 1 8 200B gal./min. with drill stem at hrs. Air test WATER RESOURCES DEPT ft. drawdown after hrs. Bailer test gal./min. with SALEM, OREGON Artesian flow g.p.m. perature of water Depth artesian flow encountered. Date work started (9) CONSTRUCTION: Special standards: Date well drilling machine moved off of well Well seal—Material used ... (unbonded) Water Well Constructor Certification (if applicable): Well sealed from land surface to This well was constructed under my direct supervision. Materials used and Diameter of well bore to bottom of seal information reported above are true to my best knowledge and belief. Diameter of well bore below seal [Signed] ... ..... Date ...... 19 ... sacks D pounds D Amount of sealing material. How was cement grout placed? ... (bonded) Water Well Constructor Certification Issued by: Type Subyp 40 Depth 315 ft. Was pump installed? Size: location ..... Plugs ⊓ No Did any strata contain unusable y Yes This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief: Type of Water? depth of strata (Signed) Method of sealing strata

(Dated)

NOTICE TO WATER WELL CONSTRUCTOR The original and first copy of this report

□ Үев

Was well gravel packed?

Gravel placed from

are to be filed with the

Size of gravel:

ft.

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

SP\*46866-690

WATER WELL REPORT ECEIVED NOTICE TO WATER WELL CONTRACTOR' The original and first copy of this report are to be filed with the JUN 1 3 198 Plate Well No. 25/45-76 STATE OF OREGON WATER RESOURCES DEPARTMENT DA (Please type or print) WATER RESOURCES DEPT No. ..... SALEM, OREGON 97310 05591 within 30 days from the date not write above this line) SALEM. OREGON of well completion. (1) OWNER: (10) LOCATION OF WELL: Iseli Nursery County Clackamas Name Driller's well number 15241 S. E. Tiddle Creek Rd. 4 E 7 T. 2 S R. NE 14 NH 14 Section Boring, Oregon 97009 Bearing and distance from section or subdivision corner (2) TYPE OF WORK (check): New Well 🔼 Deepening [ Reconditioning | Abandon 🗀 If abandonment, describe material and procedure in Item 12. (11) WATER LEVEL: Completed well. (3) TYPE OF WELL: (4) PROPOSED USE (check): Depth at which water was first found Driven Rotary 208 ft. below land surface. Date 6/12/80 Domestic | Industrial | Municipal | Static level Jetted ō Irrigation 📉 Test Well 🗌 Other Bored 🗆 Artesian pressure lbs. per square inch. Date (5) CASING INSTALLED: Threaded [] Welded 🔀 (12) WELL LOG: 10 " Diam from plus 1 ft. to 300 ft. Gage 455-B Diameter of well below casing ... Depth drilled ft. Depth of completed well ..... ft. to .... Formation: Describe color, texture, grain size and structure of materials; ft. to .... 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 (6) PERFORATIONS: position of Static Water Level and indicate principal water-bearing strata. Perforated? X Yes | No. Star Drive Down Type of perforator used MATERIAL From 1/4 in. by Size of perforations 14 Hard sticky red-brown clay perforations from 240 Light brown clay-occ.gravel-32 14 ... perforations from ..... boulder Yellow brown clay-occ.gravel-..... perforations from ..... 32 38 boulder (7) SCREENS: Well screen installed? Tes X No 70 Hard brown clay-occ.grave1 Manufacturer's Name ...... Brown cemented grave1-occ. 70 95 cobble 95 100 Gray-brown clay-occ.boulder Set from .. 100 155 Diam. ..... Slot size ...... Set from ...... Brown clay-occ.gravel-cobble Brown claystone-occ.sandstone Drawdown is amount water level is lowered below static level (8) WELL TESTS: 155 180 streak Brown claystone &conglomerate 180 195 a pump test made? A Yes No If yes, by whom? AMJannsen 195 220 Compact brown sand-occ.gravel 200 5 field: gal./min. with ft. drawdown after hrs. Cemented brown sand & grave1-300 220 240 occ. loose 400 8 ,, \* Compact brown sand & grave1-270 W.B. gal./min. with ft. drawdown after ler test occ. loose Clean loose brown sand and Temperature of water 56 Depth artesian flow encountered .. Work started 5/13/80 6/12/80 Completed 6/12/80 Date well drilling machine moved off of well (9) CONSTRUCTION: Well seal-Material used Cement grout plus 5% gel Drilling Machine Operator's Certification: This wall was constructed under my direct supervision.

Materials used and information reported above are true to my best knowledge and belief 75..... Well sealed from land surface to ...... Diameter of well bore to bottom of seal \_\_\_\_\_in. Date 6/16/80 19 Number of sacks of cement used in well seal ..... Drilling Machine Operator's License No. ....... How was cement grout placed? Tremmed on o.d. of casing @ 75 ft (15 sacks) & 25' to ground level ( 13 Water Well Contractor's Certification: sacks) 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. Was a drive shoe used? 🗗 Yes 🗌 No 🎞 🚾 ..... (Person, firm or corporation) (Type or print)
Address 21075 SW Tualatin Valley Hwy. Aloha, Or. Did any strata contain unusable water? 🗌 Yes 💆 No Type of water? Method of sealing strata off ED Contractor's License No.

SP\*45656-119

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

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

#### WATER WELL REPORT

#### STATE OF OREGON

(Please type or print)

State Well No.	25	14e-76a
<b></b>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-

(Do not write above this line) State Permit No. ...........

(1) OWNER:	(10) LOCATION OF WELL:		
Name Iseli Nursery Page 2	County Driller's well no	umber	
Address	34 34 Section T.	R	W.M.
	Bearing and distance from section or subdivisi	ion corner	
(2) TYPE OF WORK (check):  New Well   Deepening   Reconditioning   Abandon   Abandon			
New Well Deepening Reconditioning Abandon Li abandonment, describe material and procedure in Item 12.			
	(11) WATER LEVEL: Completed w	ell.	
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found		ft.
Domestic   Industrial   Municipal	Static level ft. below land	surface. Date	
Bored   Irrigation   Test Well   Other	Artesian pressure lbs. per squar	re inch. Date	
(5) CASING INSTALLED: Threaded   Welded	(12) WELL LOG: Diameter of well		
ft. toft. Gage	Depth drilled ft. Depth of complete		ft.
" Diam. from ft. to ft. Gage	Formation: Describe color, texture, grain size		
" Diam. from ft. to ft. Gage	and show thickness and nature of each stratu	m and aquifer p	enetrated,
(6) PERFORATIONS: Perforated? □ Yes □ No.	with at least one entry for each change of forma position of Static Water Level and indicate prin		
Type of perforator used	MATERIAL	From To	SWL
Size of perforations in. by in.	gravel-occ. cemented	270 305	W.B.
perforations from	Cemented brown sand & gravel	305 310	
perforations from	Brown claystone	310 315	
perforations from ft. to ft.	Well completed to 300 ft.		
(7) SCREENS: Well screen installed?  Yes No			-
Manufacturer's Name		-	<del></del>
Type Model No.			
Diam. Slot size Set from ft. to ft.			
Diam Slot size			
(8) WELL TESTS. Drawdown is amount water level is	RECEIVED		
(8) WELL TESTS: Drawdown is amount water level is lowered below static level			
a pump test made?  Yes No If yes, by whom?	JUN 131980		
Yield: gal./min. with ft. drawdown after hrs.	WATER RESOURCES DEPT		
<i>H H H</i>	SALEM, OREGON		<del></del>
" " "			<del> </del>
Boiler test gal./min. with ft. drawdown after hrs.			
esian flow g.p.m.			
Temperature of water Depth artesian flow encountered ft.	Work started 19 Complete	ed	19
(9) CONSTRUCTION:	Date well drilling machine moved off of well		19
	Drilling Machine Operator's Certification:		
Well sealed from land surface to RECEIVED ft.	This well was constructed under my Materials used and information reported		
Diameter of well bore to bottom of seal in.	best knowledge and belief.	above are are	ie w my
Diameter of well bore below seal	[Signed](Drilling Machine Operator)	Date	, 19
Number of sacks of cement used in well seal	(Drilling Machine Operator)  Drilling Machine Operator's License No		
How was cement grout placed? WATER-RESOURCES DEPT	Driming Machine Operator's License No.		
SALEM; OREGON	Water Well Contractor's Certification:		
	This well was drilled under my jurisdi		report is
Was a drive shoe used? ☐ Yes ☐ No Plugs Size: location ft.	true to the best of my knowledge and bel		
Did any strata contain unusable water?   Yes   No	Name (Person, firm or corporation)	(Type or pr	int)
Type of water? depth of strata	Address		
Method of sealing strata off			
Was well gravel packed? [ Yes [ No Size of gravel:	[Signed](Water Well Contr	actor)	
Gravel placed from ft. to ft.	Contractor's License No		, 19

# WATER WELL REPORT AC STATE OF OREGON OF 25 1983 WATER WELL REPORT AC RECEIVED #4 OCT 25 1983

State Permit No.

# 20	U.	~ #		
/w/	PLEASERE	SEUR	CEES!	LI <b>DE L</b> IK

SALEM.	REGON			
(1) OWNER:	(10) LOCATION OF WELL:			
Name Iseli Nursery	County CLACKAMAS Driller's	vell number		
Address 15 Q41 S.E. TICKLE Creek	BSW4NW 4 Section 8 T.S.S	R L	E	W.M.
City Borine State ORC	Tax Lot # Lot Blk		Subdivision	1
	Address at well location:		·	
(2) TYPE OF WORK (check):				
New Well Deepening Reconditioning Abandon I standard Reconditioning I standard I standard Reconditioning Reconditioning Reconditioning I standard Re	(11) WATER LEVEL: Completed	well.		
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Depth at which water was first found 230			ft.
		w l <u>and surf</u> a		
Rotary Air Driven Domestic Industrial Municipal Rotary Mud Dug Inrigation Confest Well Dother In	Artesian pressure lbs	. per square	inch. Date	:
ble Bored I Thermal: Withdrawal Reinjection I.	(12) WELL LOG: Diameter of well bel	ow casing	ID	
(b) CASING INSTALLED: Steel 2 Plastic		of complete		
Threaded Welded	Formation: Describe color, texture, grain size and thickness and nature of each stratum and aquifer p			
10" Diam from + Z ft to 295 ft. Gauge250	for each change of formation. Report each change			
ft. Gauge	and indicate principal water-bearing strata.			
LINER INSTALLED:	MATERIAL	From	То	SWL
8. "Diam from Z.90 ft. to 337 ft. Gauge 160. PSI. PVC	SOIL BROWN	O	7	
(6) PERFORATIONS: Perforated?	CLAY BROWN	2	18	
Type of perforator used ROTARY STAR AND SAW	CEMENTED GRAVEL	18	150	
Size of perforations   NY   H in	CLAY BROWN	150	158	
1300 perforations from 24.8 ft. to 292 ft.	CLAY BROWN W/ SOME			
120 perforations from Z90 ft. to 335 ft.	FINE GRAVEL	158	205	
perforations from	SAUD COURSE W/SOME			
	FINE GRAVEL	205	258	155
(7) SCREENS: Well screen installed?   Yes. 1 No	CEMENTED GRAVEL W			
Manufacturer's Name	BOUIDERS	<b>ZS8</b>	292	155
Type	SAUDSTONE BROWN HARD	292	299	
Diam. Slot Size Set from ft. to ft,	GRAVEL AND SAND		338	122
Diam. Slot Size	SAND FINE BROWN & GRAN	338	353	
(8) WELL TESTS: Drawdown is amount water level is lowered below static level				
Was a sum to the state of the CINA Years by whom?				
Was a pump test made?  \( \text{Yes} \) \( \text{No. If yes, by whom?} \)  Id:  \( \text{gal/min. with} \) ft. drawdown after hrs.				
id: gar/finit, with it. diawdown after ins.			-	
Air test 300+ gal/min, with drill stem at 300 ft. hrs.	-		<del> </del>	
Bailer test gal./min. with ft. drawdown after hrs.				
Artesian flow g.p.m.			<del> </del>	
mperature of water Depth artesian flow encountered ft.	Work started 7/20 19 83 Comp	<del></del>	218	1983
(9) CONSTRUCTION: Special standards: Yes   No 4	Work started 7/20 19 83 Comp Date well drilling machine moved off of well	eted S	18	198
Well seal—Material used CEMENT				
Well sealed from land surface to 22.	(unbonded) Water Well Constructor Cer			
Diameter of well bore to bottom of seal .1.5	This well was constructed under my direct and information reported above are true to be	t supervis y best kno	non. Mate wledge a	erials use nd belief.
Diameter of well bore below seal	[Signed](Laucel), While	Date	8/25	, 19.8
Number of sacks of cement used in well seal	Total I W ( W ) G ( ) G ( )		•	-
How was cement grout placed?	Bonded Water Well Constructor Certific Bond 25466 II Issued by:	ation: SFC.C	•	
TION WAS COLLOTE B. Out Placed.	Bond 23 4 6 6 11 Issued by: S	Surety Compa	ny Name	
**************************************	This well was drilled under my jurisdict	ion and th	is report	is true to
Was pump installed? Ted TypSub HP 40 Depth 301 ft.	the best of my knowledge and belief.	Mel	1101	11/11
Was a drive shoe used? Tes DNo Plugs Size: location ft.	(Person, firm or corporation)		Туре	orprint)
Did any strata contain unusable water?   Yes ANo	Address W. POW		rres	hans
Type of Water? depth of strata	[Signed] Cod NU Fu	Llie	zn?	)
Method of sealing strata off	Water Well Cons		7	~ `
Was well gravel packed? Yes Size of gravel:	. Date	190	L/	, 19.
Gravel placed from		<u></u>		
NOTICE TO WATER WELL CONSTRUCTOR	WATER RESOURCES DEPARTMENT,		s	P*45292-690
The original and first copy of this report are to be filed with the C 1 8 2008	SALEM, OREGON 97310 within 30 days from the date of well completion			
4075 DEC 1 8 2008				

1 10757

Will #5 G11 CLAC MAR 28 1968 L WATER WELL REPORT A So File Original and First Copy with the STATE ENGINEER, SALEM, OREGON STATE OF OREGON State Permit No. (1) OWNER: (11) WELL TESTS: Drawdown is amount water level is lowered below static level Do++\* □ No If year, by whom? -Drilling Name Mr. Verner W. & Germaine Iseli Was a pump test made? 🛣 Yes Address 1610 N.E. 64th 150 gal./min. with \_ O ft. drawdown after hrs. Portland 13 Oregon (2) LOCATION OF WELL: Epperson Rd'. Bailer test gal./min. with ft. drawdown after County ( Jackanes bwner's humber Ban Oregon Artesian flow g.p.m. Date No W. Section T. 2 80'R. Temperature of water 52 Was a chemical analysis made? 

Yes Bearing and distance from section or subdivision corner of NV & & East half of the (12) WELL LOG: N.W. of Sec. 8 367 Depth drilled ft. Depth of completed well 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 Top soil (3) TYPE OF WORK (check): Fine sand & clay brown New Well Deepening [] Reconditioning | Abandon [ ndonment, describe material and procedure in Item 11. Gravel cemented Boulders & coarse gravel (5) TYPE OF WELL: (4) PROPOSED USE (check): Gravel fine water br. appro 95 Rotary Driven Domestic 🛨 Industrial 🗌 Municipal 🔲 10 Clay sandy , brown Cable Jetted Irrigation 📆 Test Well 🔲 Other Sand fine brown 126 Dug Bored Gravel, cemented (6) CASING INSTALLED: Threaded [ Welded X 170 190 Gravel, medium .0\_\_\_" Diam. from \_\_\_\_0\_\_ ft. to \_287\_\_\_ ft. Gage \_\_\_330. 220 190 Gravel, cemented .." Diam. from ..... ft. to ..... 220 gravel, cemented w/ water se ..." Diam. from ...... ft. to ..... Gravel, medium water bearing270 2**7**6 287 Gravel, cemented Perforated? X Yes 🔲 No (7) PERFORATIONS: Basalt, black 298 Type of perforator used way drive down Rock, gray , water bearing 298 **3**İ SIZE of perforations in. by <u>3/8</u> Clay, blue 264 270 ft. to 281 perforations from عاره .... ft. to ...260. *2*110. .. ft. to .....105 perforations from \_ perforations from ..... .. ft. to . (8) SCREENS: Well screen installed ☐ Yes ☐ No Set from ..... .... Slot size ...... .... Set from ....... ..... ft. to .... Work started Dec. 12 19 62 Completed 196 3 (9) CONSTRUCTION: (13) PUMP: Was well gravel packed? 

Yes 
No Size of gravel: ..... Manufacturer's Name . Gravel placed from ......ft. to \_\_\_\_\_ ft. Was a surface seal provided? Ty Yes I No To what depth? .....27... Material used in seal— Coment Sand & Gravel Well Driller's Statement: Did any strata contain unusable water? 🗌 Yes 🔼 No This well was drilled under my jurisdiction and this report is Depth of strata true to the best of my knowledge and belief. Type of water? Method of sealing strata off NAME Haskon Bottner Drilling Co. (Person, firm, or corporation) (10) WATER LEVELS: Address 11544 N. E. GLISAN ST ft. below land surface Date 2/11/63 180 Static level Portland 20, OREGON lbs. per square inch Date Artesian pressure Driller's well number .. [Signed] Log Accepted by: **RECEIVED** March 10 1963 License No. (Owner)

WATER RESOURCES DEPT ---

DEC 182998ADDITIONAL SHEETS IF NECESSARY)

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## RECEIVED

State Well No.	2=/4E-8ac
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05622 OCT	2 5 1983 State Permit No.		· · · · · · · · · · · · · · · · · · ·	
WATER RES	OURCES DEPI			
(1) OWNER:	. OREGON (10) LOCATION OF WELL:			
Name RONALD JOINES	County CLACKAMAS Driller's well	il number		
Address 2547 Oak Creek Circle	SW *NF & Section 8 T. 25	R. 4/E	=	W.M.
City SANDX 84092 State MATH	Tax Lot # Lot Blk	Su	bdivision	<u>.                                    </u>
(2) TYPE OF WORK (check):	Address at well location:			
New Well   Deepening □ Reconditioning □ Abandon □ !  If abandonment, describe material and procedure in Item 12.	(11) WATER LEVEL: Completed w	vell.		
	Depth at which water was first found 238			ft.
(3) TYPE OF WELL: (4) PROPOSED USE (check):	Static level 152 ft. below	land surfac	e. Date	1/14/83
Rotary Air Driven Domestic Industrial Municipal D		er square i		
Rotary Mud   Dug   Irrigation Test Well   Other   Cable   Bored   Thermal: Withdrawal   Reinjection	(12) WELL LOG: Diameter of well below			~~
(b) CASING INSTALLED: Steel Plastic	Depth drilled 404 ft. Depth of			
Threaded	Formation: Describe color, texture, grain size and str thickness and nature of each stratum and aquifer pen- for each change of formation. Report each change in and indicate principal water-bearing strata.	etrated, wit	th at leas	t one entry
LINER INSTALLED:	MATERIAL	From	To	SWL
6" Diam. from 300 ft. to 400 ft. Gauge 200 PSI PVL	SOIL AND SAW DUST	1.	3	
		3	19	
(6) PERFORATIONS: Perforated? Yes \( \sigma\) No	CLAY BROWN	-3	12	
Type of perforator used ROTARY STAR AND SAW	LARGE BOULDERS	1.2	128	
Size of perforations 14X 4 in 5 X 1/8 in.			144	
900 perforations from 250 ft. to 285 ft.	CLAY GRAY		238	
	CEMENTED GRAVEL	738	7.47	150
perforations from ft. to ft.	SAUD FINE			152
(7) SCREENS: Well screen installed?   Yes the	SANDSTONE BROWN		298 337	157
Manufacturer's Name			345	152
TypeModel No.	CLAY BROWN		358	
Diam. Slot Size Set from ft, to ft,	SAUDSTONE	358	300 774	1574
Diam. Slot Size Set from ft. to ft.	CLAY GRAY		404	1522
(8) WELL TESTS:  Drawdown is amount water level is lowered below static level	CLAY GRAY	3/4	701	
Was a pump test made? ☐ Yes ☐ No If yes, by whom?				
eld: gal/min. with ft. drawdown after hrs.		+		
II " " " "				
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.		+		
mperature of water Depth artesian flow encountered ft.	* 10	<del></del>		
	Work started 6 126 19 83 Complete		<u>18</u>	1983
(9) CONSTRUCTION: Special standards: Yes \( \text{No III} \) Well seal—Material used CEMENT.	Date well drilling machine moved off of well  (unbonded) Water Well Constructor Certif	ication (	if appli	19 <b>83</b>
Well sealed from land surface toft_	This well was constructed under my direct			
Diameter of well bore to bottom of seal in.	and information reported above treatrue to my	best know	ledge a	nd belief.
Diameter of well bore below seal	[Signed] Jours U. M.	Date <b>&amp;</b>	3./.1.0	., 19 <b>83</b> .
Number of sacks of cement used in well seal .32 sacks	Bonded Water Well Constructor Certificat	ion		
How was cement grout placed?	Bond 564 Issued by: Sumber	rety Company	Name	
	This well was drilled under my jurisdictio the best of my knowledge and belief.			is true to
Was pump installed? Type HP Depth ft.	Name T. Z. d. Pk. 11.777771 LUCE	11.00	Illea	19
Ween a crive abone used ( 1967 of 1   No. Piuss Size location if	Juneary to the control total and the control to the control t			ALDERGE!

NOTICE TO WATER WELL CONSTRUCTOR Gravel placed from ......ft. to ..... The original and first copy of this report are to be filed with the DEC 1 8 2008

depth of strata

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

Type of Water?

Method of sealing strata off

Was well gravel packed? Yes 1

Did any strata contain unusable water? 

Yes I No

Size of gravel: .....