

“Attachment A”

Log of Existing Point of Appropriation (Boring Water District)

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NOV 28 2008

WATER RESOURCES DEPT
SALEM, OREGON

T 10744

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

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AUG 28 1964

WATER WELL REPORT

in name of Water District

State Well No. 2/3-1 dbd

THE ENGINEER, SALEM, OREGON
within 30 days from the date of well completion.

STATE OF OREGON
Please type or print

65392

State Permit No.

(1) OWNER:

Name Jack Wattarive
Address Rt 3 Box 1354
Boring, Oreg.

(2) LOCATION OF WELL:

County Clackamas Driller's well number
1/4 Section 1 T. 2S R. 3E W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

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

(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
8" Diam. from 0 ft. to 195 ft. Gage 277
6" Diam. from 185 ft. to 245 ft. Gage 250

(7) PERFORATIONS:

Perforated? Yes No
Type of perforator used 6" Liner Torch cut
Size of perforations 1/4 in. by 12 in.
72 perforations from 20.5 ft. to 245 ft.

(8) SCREENS:

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

(9) CONSTRUCTION:

Well seal—Material used in seal Back fill with clay slurry
cement
Depth of seal below 100 ft. Was a packer used?
Diameter of well bore to bottom of seal 10 in.
Were any loose strata cemented off? Yes No Depth
Was a drive shoe used? Yes No
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Do any strata contain unusable water? Yes No
Type of water? depth of strata
Method of sealing strata off

(10) WATER LEVELS:

Static level 155 ft. below land surface Date Feb 28 64
Artesian pressure lbs. per square inch Date

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? driller
Yield: 100 gal./min. with 5 ft. drawdown after 2 hrs.
" 180 " " 19 " " 1 "
" 200 " " " " " "
Ballor test 30 gal./min. with — ft. drawdown after 2 hrs.

Artesian flow g.p.m. Date
Temperature of water 53 Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well below casing to bottom

Depth drilled 250 ft. Depth of completed well 245 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 | 2 |
| Loosrock clay | 2 | 52 |
| clay | 52 | 56 |
| cement gravel | 56 | 115 |
| yellow clay dry sand | 115 | 192 |
| sand stone water bearing | 192 | 220 |
| water bearing gravel | 220 | 245 |
| light cemented | | |

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SALEM, OREGON

12" hole to 50'
set 10" pipe to 54'
10" hole to 115' set
8" pipe and drove to
195'
perforated 6" liner set in
below 8" casing

Work started 19 Completed Feb 28 1964
Date well drilling machine moved off of well Feb 28 1964

(13) PUMP:

Manufacturer's Name Jaco 221
Type: Submersible H.P. 10
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.O. Olsen (Person, firm or corporation) (Type or print)
Address 18211 SE Powell Astoria, Ore.
Drilling Machine Operator's License No. 214
[Signed] A.O. Olsen (Water Well Contractor)
Contractor's License No. 282 Date March 1964

“Attachment C”

**Well Logs for Iseli Nursery Wells and Information on
Proposed Well Construction for Future Wells**

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SALEM, OREGON

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Construction of Proposed Point(s) of Appropriation or Well(s)

Well numbers in this listing must be clearly tied to corresponding well location(s) described in the table above and shown on the accompanying application map.

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NOTE: The following information pertains to proposed wells 7 and 9. This is an estimate based on the best available information.

| Well already built? (Yes/No) | If an existing well, OWRD Well Log ID No. (or Well ID Tag No. L-) | Diameter | Type and size of casing | No. of feet of casing | Intervals casing is perforated (in feet) | Seal depth | Est. depth to water | Est. depth to water bearing stratum | Type of access port or measuring device | Total well depth |
|------------------------------|--|----------------------------------|-------------------------|---|--|--------------|---------------------|-------------------------------------|---|-------------------|
| No | N/A | 14-16" borehole 10-12" casing | Steel | 200' casing 300' screen or w/ perf. | 200' to 500' bgs | 25' (est) | 200' | 200' | 3/4" diameter minimum | 400-500' (est) |

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"Attachment C"

Well Logs for Iseli Nursery Transfer

Well 1 CLAC 5615 (original)

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SALEM, OREGON

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

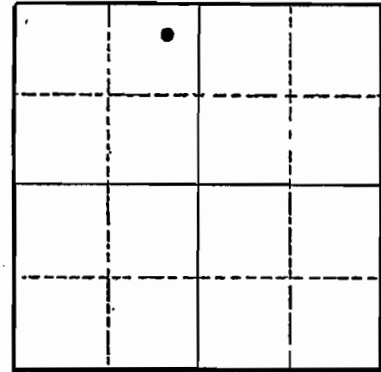
MAILING ADDRESS: Route 3, Box 225A

LOCATION OF WELL: Owner's No. #1

CITY AND STATE: Boring, Oregon

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



Section 7

Altitude at well 600' Interpolated

TYPE OF WELL: Drilled Date Constructed June 51

Depth drilled 259' Depth cased 259'

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 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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Well 1 CLAC 5582 (deepening)

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WATER RESOURCES DEPT
SALEM, OREGON

Well 2 CLAC 5593 (original)

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Well 2 CLAC 5587 (deepening)

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SALEM, OREGON

T 10744

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

CLAG
(5587)

RECEIVED
 JAN 22 1985
 WATER RESOURCES DEPT
 SALEM, OREGON

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

(1) OWNER:

Name I Selvi Nursey
 Address 30590 S.E. 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: (4) PROPOSED USE (check):

Rotary Air Driven Domestic Industrial Municipal
 Rotary Mud Dug Irrigation Thermal: Withdrawal ReInjection
 Cable Bored Other: Piezometric Grounding Test

(5) CASING INSTALLED:

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

LINER INSTALLED:

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

(6) PERFORATIONS:

Perforated? Yes No
 Size of perforations 1/4 in. by 12 in. 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 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: SAECO
 (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

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Well 3 CLAC 5591 (original)

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WATER RESOURCES DEPT
SALEM, OREGON

T 10744

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.

CLAC
05591

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

(1) OWNER:

Name Iseli Nursery
Address 15241 S. E. Tiddle 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 250
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 " " " "
Packer 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 PIVETS 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) [Signature] 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 [Signature]
(Water Well Contractor)

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

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(USE ADDITIONAL SHEETS IF NECESSARY)

SP-45658-113

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-26a

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

Was a pump test made? Yes No If yes, by whom?

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

" " " " " "

" " " " " "

Flow 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 _____ in.

Number of sacks of cement used in well seal _____ 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. | | | |

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SALEM, OREGON

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WATER RESOURCES DEPT
SALEM, OREGON

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____

Well 4 CLAC 5619 (original)

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SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON

CLAC
05619

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OCT 26 1983

PLEASE TYPE OR PRINT IN INK
WATER RESOURCES DEPT
SALEM, OREGON

State Well No. 25/4E 8bc

State Permit No.

(1) OWNER:

Name Isele 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
Cable 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
" Diam. from ft. to ft. Gauge

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.
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?
Id: _____ gal./min. with _____ ft. drawdown after _____ hrs.
Air test 300+ gal./min. with drill stem at 300 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 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 _____ 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 _____ ft.

(10) LOCATION OF WELL:

County CLAC KAMAS 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 | |
| | 299 | 338 | 155 |
| SAND FINE BROWN & GRAY | 338 | 353 | |

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WATER RESOURCES DEPT
SALEM, OREGON

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 J. Webb Date 8/25, 1983

Bonded Water Well Constructor Certification:

Bond 2546611 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 Ted Pulliam Well Drilling
(Person, firm or corporation) (Type or print)

Address 4845 W. Powell, Gresham
[Signed] Ted Pulliam
Water Well Constructor

Date Aug 27, 1983

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

Well 5 CLAC 5639 (original)

T 10744

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WATER RESOURCES DEPT
SALEM, OREGON

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 Boring Oregon
So. W 1/4 No. 1/4 Section 8 T. 2 S. R. 14 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 1 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
 Was a pump test made? Yes No If yes, by whom? Bottner Drilling Co.
 Yield: 150 gal./min. with 0 ft. drawdown after 15 hrs.
 " 300 " " 2 " " 8 "
 " " " " " " "
 Baller 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. 25 ft. | 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 seal | 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 |

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 WATER RESOURCES DEPT
 SALEM, OREGON
 (25)
 Work started Dec. 12 1962 Completed Feb. 7 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

Well 8

CLAC 5622 (original)

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WATER RESOURCES DEPT
SALEM, OREGON

T 10744

WATER WELL REPORT
STATE OF OREGON

CLAC
05622

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OCT 25 1983

State Well No. 25/4E Sac
State Permit No. _____

PLEASE TYPE OR PRINT IN INK
WATER RESOURCES DEPT

SALEM, OREGON

(1) OWNER:

Name Ronald Jones
Address 2547 Oak Creek Circle
City Sandy 84092 State UTAH

(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?
Id: _____ 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 | |

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SALEM, OREGON

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] Daniel V. [Signature] Date 8/10, 19 83

Bonded Water Well Constructor Certification:

Bond 0556611 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 J. D. Pulliam Well Drilling
(Person, firm or corporation) (Type or print)
Address 4245 W Powell
[Signed] J. D. Pulliam
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