

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

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OCT 18 1973

WATER WELL REPORT

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JUN 18 1973

State Well No.

55/IE-19

ab

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

STATE ENGINEER
SALEM, OREGON

(Please type or print)

STATE ENGINEER
SALEM, OREGON

State Permit No.

G 6793

(1) OWNER:

Name Hessel Bierma
Address Route 2, Box 175, Woodburn, Oregon

CLAC
02569

(10) LOCATION OF WELL:

County Clackamas Driller's well number
N W $\frac{1}{4}$ N. E $\frac{1}{4}$ Section 19 T. 55 R. I E W.M.
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.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
" Diam. from 1 ft. to 2.50 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS:

Perforated? Yes No.

Type of perforator used Power saw L.B Foster & Co.
Size of perforations 5/32 in. by 2 1/2 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 Johnson
Type irrigator Model No. 100
Diam. 8 Slot size 1/10 Set from 46 ft. to 56 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? drillers
Yield: 300 gal./min. with 178 ft. drawdown after 4 hrs.
250 " " 140 " " 4 1/2 "
" 200 " " 126 " " 4 1/2 "
Baller test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.

Temperature of water Depth artesian flow encountered xx ft.

(9) CONSTRUCTION:

Well seal—Material used Redi mix, 2 yards grout
Well sealed from land surface to 40 ft.
Diameter of well bore to bottom of seal 17 1/2 in.
Diameter of well bore below seal 17 to 25
Number of sacks of cement used in well seal 14 sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons
of water _____ lbs./100 gals.
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 _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 45 ft.
Static level 20 ft. below land surface. Date 5-19-73
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing none
Depth drilled 479 ft. Depth of completed well 250 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 |
|----------------------|------|-----|-----|
| Top soil brn. | 0 | 1 | |
| Clay brn. | 1 | 32 | |
| clay sandy brn. | 32 | 37 | |
| Sandy brn. med. | 37 | 45 | |
| Gonglom course, brn. | 45 | 57 | |
| Clay grey | 57 | 96 | |
| clay brn. | 96 | 136 | |
| Clay grey | 136 | 151 | |
| Clay grey, sandy | 151 | 165 | |
| Clay grey | 165 | 255 | |
| Clay brn. | 255 | 331 | |
| Clay grey | 331 | 479 | |

9" hole to 479 & 1 1/2" to 250
Started March 19, 73
Finished May 19, 73.
Moved rig off May 19, 1973

Work started 3-19 1973 Completed 5-19 1973
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] Ben Kaulman Date June 16, 1973
(Drilling Machine Operator)

Drilling Machine Operator's License No. 322

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 R. Stadelin & Sons, INC
(Person, firm or corporation) (Type or print)

Address Rte 3 Box 169, Silverton, Ore. 97381

[Signed] Paul R. Stadelin
(Water Well Contractor)

Contractor's License No. 296 Date 6-16, 1973

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MAR 31 2008

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.

CLAC WATER WELL REPORT

02574 STATE OF OREGON

(Please type or print)

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JAN 29 1976

WATER RESOURCES DEPT.

SALEM, OREGON

State Well No. _____

Permit No. 6-1067

10294

(1) OWNER:

Name Hessel Bierma
Address Rt 2 Box 175 Woodburn, Oregon

(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 [X] Cable [] Dug [] Driven [] Jetted [] Bored []

(4) PROPOSED USE (check):

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

CASING INSTALLED:

Threaded [] Welded [X]
220 ft. Gage 250

PERFORATIONS:

Perforated? [X] Yes [] No
Factory preperfed.
3/16 in. by 2 1/2 in.
3925 perforations from 63 ft. to 220 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?
Yield: 400 gal./min. with 170 ft. drawdown after 5 hrs.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 24 in.
Diameter of well seal 22 in.
Number of sacks of cement used in well seal 3 yds.
Number of sacks of bentonite used in well seal
Brand name of bentonite
SALEM, OREGON
Number of gallons of water per 100 gallons of water lbs./100 gals.
Was a drive shoe used? [] Yes [X] 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: 3/8 Pea
Gravel placed from 20 ft. to 220 ft.

(10) LOCATION OF WELL:

County Clackamas
Driller's well number
N.E. 1/4 S.E. 1/4 Section 19 T.5 S. R.1 E. W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 30
Static level 17 ft. below land surface. Date 1/16/76
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing None
Depth drilled 324 ft. Depth of completed well 220 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 4 columns: MATERIAL, From, To, SWL. Rows include Top soil brn., Sandy subsoil, Clay blue hard, Sand fine brn., Silt clayey orange, Sand fine brn., Gravel cemented med., Sand med brn., Claystone green, Siltstone, med scattered gravel, Claystone grey hard, Fine sand & streaks of silt W.B., Clay grey sandy, Clay grey soft, Clay grey sandy.

Work started 11/12 1975 Completed 1/16 1976
Date well drilling machine moved off of well 1/16 1976

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] Charles E. Stadel Date 1/21/76
(1976)
Drilling Machine Operator's License No. 84

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 Stadel Drilling Co.
Address Silverton, Or.
[Signed] Charles E. Stadel (Water Well Contractor)
Contractor's License No. 519 Date 1/21/76

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

Waterberg Drilling, Inc.
6728 S. Kropf Rd.
Tolalla, OR 97038

WELL I.D. # L 71473

START CARD # 171856

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Stepping Stones Land, LLC Well Number _____
Name Stepping Stones Land, LLC
Address PO Box 801
City Oregon City State OR Zip 97045

(2) TYPE OF WORK New Well
 Deepening Alteration (repair/recondition) Abandonment Conversion

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Other _____

(4) PROPOSED USE
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
Depth of Completed Well 211 ft.
Explosives used: Yes No Type _____ Amount _____

| BORE HOLE | | | SEAL | | | |
|-----------|------|-----|-----------|------|----|-----------------|
| Diameter | From | To | Material | From | To | Sacks or Pounds |
| 10" | 0 | 70 | Cement | 9 | 80 | 39 sacks |
| | | | Bentonite | 0 | 9 | 6 sacks |
| 6" | 70 | 240 | | | | |

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

Gravel placed from 211 ft. to 240 ft. Material pea gravel
Gravel placed from 163 ft. to 211 ft. Size of gravel 8x12 CSSI

(6) CASING/LINER

| Casing/Liner | Diameter | From | To | Gauge | Steel | Plastic | Welded | Threaded |
|-----------------|----------|------|----|-------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Casing: 6" | +1.5 | 173 | | .250 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Liner: 4" riser | 163 | 175 | | CL200 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4" tail | 201 | 211 | | CL200 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

Drive Shoe used Inside Outside None
Final location of shoe(s) 173'

(7) PERFORATIONS/SCREENS
 Perforations Method _____
 Screens Type V-wire Material Stainless

| From | To | Slot Size | Number | Diameter | Telo/pipe size | Casing | Liner |
|------|-----|-----------|--------|----------|----------------|--------------------------|--------------------------|
| 175 | 201 | .040 | | 4" | PS | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> | <input type="checkbox"/> |

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailor Air Flowing Artesian
Yield gal/min 125 Drawdown 69' Drill stem at 4 hr. Time _____

Temperature of water 55 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Top title
 Salty Muddy Odor Colored _____
Depth of strata: _____

(9) LOCATION OF WELL (legal description)
County Clackamas
Tax Lot 604 Lot _____
Township 5 S Range 1 E WM
Section 19 SE 1/4 NE 1/4

Lat _____ " or _____ (degrees or decimal)
Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) 33142 S. Barlow Rd.
Woodburn, OR 97071

(10) STATIC WATER LEVEL
52 ft. below land surface. Date 5-12-05

Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES
Depth at which water was first found 43'

| From | To | Estimated Flow Rate | SWL |
|------|-----|---------------------|-----|
| 43 | 53 | 20 gpm | 13' |
| 176 | 182 | | 52' |
| 189 | 200 | 125 gpm | 52' |

(12) WELL LOG Ground Elevation _____

| Soil | Material | From | To | SWL |
|---------------------------|----------|------|-----|-----|
| Clay soft brown | | 0 | 1 | |
| Clay blue sticky | | 1 | 22 | |
| Clay blue w/ gravel | | 22 | 27 | |
| Clay w/ sand brown | | 27 | 34 | |
| Clay blue & brown sticky | | 34 | 37 | |
| Clay brown w/ packed silt | | 37 | 40 | |
| Sand & gravel brown | | 40 | 43 | |
| Clay tan | | 43 | 53 | |
| Silt blue | | 53 | 70 | |
| Silt grey | | 70 | 81 | |
| Silt brown & grey | | 81 | 95 | |
| Clay blue & brown sticky | | 95 | 105 | |
| Packed sand brown | | 105 | 114 | |
| Clay blue & grey | | 114 | 117 | |
| Clay blue & grey | | 117 | 160 | |

Date Started 4-26-05 Completed 5-12-05

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

WWC Number 1768 Date 5-20-05

Signed [Signature]

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, 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 water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 988 Date 5-20-05

Signed [Signature]

ORIGINAL - WATER RESOURCES DEPARTMENT

FIRST COPY - CONSTRUCTOR

SECOND COPY - CUSTOMER

06/16/2004

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SALEM, OREGON

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WATER RESOURCES DEPT
SALEM, OREGON



36728 S. Kropf Rd., Molalla, OR 97038 • Phone: (503) 829-2526 FAX (503) 829-7514

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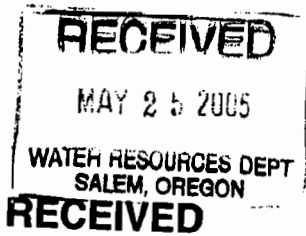
WELL ID# L 71473
 OWNER: Stepping Stones Land, LLC
 ADDRESS: PO Box 801
 CITY/STATE/ZIP: Oregon City, OR 97045

WELL ADDRESS: 33142 S. Barlow Rd. Woodburn, OR 97071
 COUNTY Clackamas TOWNSHIP 5S RANGE 1E
 SECTION 19 SE 1/4 NE 1/4 TAX LOT 604

(12) WELL LOG INFO. CONT'D FROM PREVIOUS PAGE:

| MATERIAL | FROM | TO | SWL |
|-------------------|------|-----|-----|
| Clay brown sticky | 160 | 176 | |
| Clay grey sandy | 176 | 182 | |
| Clay brown sticky | 182 | 189 | |
| Sand grey | 189 | 200 | |
| Clay grey | 200 | 240 | |
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Masterberg Drilling, Inc.
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