

Mount #1

711.001

BAKER
2137

MAY 18 1995

123/456/789

STATE OF OREGON
WATER SUPPLY WELL REPORT
(As required by OPS 537 75)

WATER RESOURCES DEPT. (START CARD) # 74528
EM. OREGON

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

(1) OWNER: Well Number _____
Name Ash Grove Cement Co
Address PO Box 287 330 Cement Plant Rd
City Durkee State OR Zip 97905

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

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

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 65 ft.
Explosives used Yes No Type TR2 Amount 1 stick

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
<u>16</u>	<u>0</u>	<u>26</u>	<u>Cement Slurry</u>	<u>0</u>	<u>26</u>	<u>37 Sacks</u>
<u>12"</u>	<u>26</u>	<u>66</u>				

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

Backfill placed from _____ ft. NONE ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Casing/Liner	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing: <u>12</u>	<u>130"</u>	<u>35</u>	<u>250</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Liner: <u>NONE</u>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Final location of shoe(s) 28' 12"

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type JOHNSON Material Stainless

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
<u>33</u>	<u>63</u>	<u>.060</u>		<u>11"</u>	<u>11"</u>	<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
<u>220</u>	<u>24</u>		<u>24</u> hr.
<u>310</u>	<u>29</u>		
<u>460</u>	<u>45</u>		

Temperature of water 54 1/2 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Baker Latitude _____ Longitude _____
Township 12S N. or S Range 43E E or W. WM. _____
Section 11 N. or 1/4 NW 1/4 _____
Tax Lot 2000 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 330 Cement Plant Rd Durkee OR

(10) STATIC WATER LEVEL:
17 ft. below land surface. Date 5-9-95
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 30'

From	To	Estimated Flow Rate	SWL
<u>30</u>	<u>35</u>	<u>100</u>	
<u>40</u>	<u>45</u>	<u>400</u>	<u>17</u>

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
<u>Yellow Clay (Broken Rock)</u>	<u>0</u>	<u>30</u>	
<u>SAND & GRAVEL</u>	<u>30</u>	<u>35</u>	
<u>SAND & GRAVEL Yellow Clay</u>	<u>35</u>	<u>40</u>	
<u>SAND & GRAVEL (CLEAN)</u>	<u>40</u>	<u>45</u>	
<u>SAND & GRAVEL Yellow Clay</u>	<u>45</u>	<u>59</u>	<u>17</u>
<u>Blue sandy clay</u>	<u>59</u>	<u>65</u>	<u>17</u>

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JUL 23 2008 AUG 11 2008
WATER RESOURCES DEPT. SALEM, OREGON WATER RESOURCES DEPT. SALEM, OREGON

Date started 4-20-95 Completed 5-9-95

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WVC Number _____
Signed _____ 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 water supply well construction standards. This report is true to the best of my knowledge and belief.
WVC Number 415
Signed Robert W. Stoffel Date 5-9-95

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Plant #

711,1092

BAKE 50684

DEC 15 1999

STATE OF OREGON WATER SUPPLY WELL REPORT

WATER RESOURCES DEPT. SALEM, OREGON

WELL I.D. # L11113 START CARD # 27116

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

(1) OWNER: Well Number L11113 Name Ash Grove - Western Region Address 33060 Shorttail Creek Rd City N. Plee State OR Zip 97905

(2) TYPE OF WORK: [X] New Well [] Deepening [] Alteration (repair/recondition) [] Abandonment

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 105 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE, SEAL, Diameter, From, To, Material, From, To, Sacks or pounds. Includes handwritten entries for 12 inch diameter holes with Bentonite seal.

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

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes handwritten entries for 12 inch casing and 10 inch liner.

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Material, Casing, Liner. Includes handwritten entries for screens with 1/32 slot size.

(8) WELL TESTS: Minimum testing time is 1 hour. [X] Pump [] Bailer [] Air [] Flowing Artesian. Yield gal/min 310, Drawdown 35', Drill stem at 2112 ft, Time 2:11:20 hr.

Temperature of water 54° Depth Artesian Flow Found Was a water analysis done? [] Yes By whom Did any strata contain water not suitable for intended use? [] Too little [] Salty [] Muddy [] Odor [] Colored [] Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Baker Latitude Longitude Township 12 N or S Range 43 E or W, WM. Section 11 NW 1/4 NW 1/4 Tax Lot 2000 Lot Block Subdivision Street Address of Well (or nearest address) Cement Plant Rd

(10) STATIC WATER LEVEL: 17' ft. below land surface. Date 11/23/99 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Includes handwritten entry for 17' to 105' depth with 300 GPM flow rate.

(12) WELL LOG: Table with columns: Material, From, To, SWL. Includes handwritten entries for Fill, Gray clay, Gravel & Boulder, Gravel, and Gray clay.

Date started 11/16/99 Completed 11/23/99 (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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. WWC Number Signed 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 water supply well construction standards. This report is true to the best of my knowledge and belief. WWC Number 1506 Signed Date 12-10-99

NOTICE TO WATER WELL CONTRACTOR

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Plant #1

WATER WELL REPORT

WATER RESOURCES DEPARTMENT
SALEM, OREGON 97310

NOV 2 1978

STATE OF OREGON
(Please type or print)

State Well No. 12345678
State Permit No. 12345678

WATER RESOURCES DEPT writes above this line
SALEM, OREGON

(1) OWNER:

Name OREGON PORTLAND CEMENT CO.
Address RT. 1 BOX C HUNTINGTON, OREGON 97907

(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:

8" Diam. from 0 ft. to 57 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

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.
" " " " "
" " " " "
Baller test 300 gal./min. with 24 ft. drawdown after 1 hrs.
Artesian flow g.p.m.
Temperature of water 53 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used BENTONITE
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 11 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 2 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 BAKER Driller's well number
NW 1/4 NW 1/4 Section 11 T. 12 R. 43 W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 17 ft.
Static level 17 ft. below land surface. Date 7-18-77
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8
Depth drilled 56 ft. Depth of completed well 55 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
MED. & LG. GRAVEL FILL	0	14	
BROWN SOIL	14	17	
GRAVEL & SAND W/B	17	52	17
LG. GRAVEL & COBBLESTONE	52	56	

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RECEIVED AUG 11 2008

JUL 23 2008

WATER RESOURCES DEPT
SALEM, OREGON

WATER RESOURCES DEPT
SALEM, OREGON

Work started 7-16-77 19 Completed 7-18-77 19
Date well drilling machine moved off of well 7-18-77 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] Archie W. Page Date 7-18-77, 19
(Drilling Machine Operator)
Drilling Machine Operator's License No. 729

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 PAGE BROS. DRILLING (Person, firm or corporation) (Type or print)
Address RT. 2, BOX 371 VALE, OREGON 97918
[Signed] Winfield Page (Water Well Contractor)
Contractor's License No. 564 Date 7-18-77, 19

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STATE OF OREGON WATER RESOURCES DEPARTMENT

APR 15 1976

Application for a Permit to Appropriate Ground Water

WATER RESOURCES DEPT.

SALEM, OREGON

Oregon Portland Cement Company

(Name of Applicant)

111 S. E. Madison Street

(Mailing Address)

Portland

(City)

State of Oregon

97214

(Zip Code)

Phone No. 232-3116

do hereby

make application for a permit to appropriate the following described ground waters of the State of Oregon:

1. The development will consist of two wells hereinafter #1 and #2

(Give number of wells, tile lines, infiltration galleries, etc.)

having a diameter of #1 - 8" #2 - 16" and an estimated depth of #1 - 55' #2 - 53' feet

2. The well or other source is to be located #1 240 ft S and 1740 ft E

(N. or S.)

(E. or W.)

from the northwest corner of Section 11, T12S, R43E, W.M.

(Public Land Survey Corner)

#2 250' S and 1340' E of Northwest corner of Section 11, T12S, R43E, W.M. (also see

(If there is more than one well, each must be described)

attached map) #1 being within the northwest 1/4 of the northwest 1/4 of

Sec. 11, Tp. 12S, R. 43E, W. M., in the county of Baker

3. Location of area to be irrigated, or place of use if use other than irrigation.

Township	Range	Section	List 1/4 1/4 of Section	List use and/or number of acres to be irrigated
12S	43E	11	NW 1/4 NW 1/4 and NE 1/4 SW 1/4 NW 1/4	Industrial use for cement manufacture + office use & landscape irr.

4. It is estimated that for #1, 55 feet of the well will require 1/4" casing.

5. Depth to water table is estimated 17 ft. Well drilled by #1 by Page Bros. Drilling, Vale, OR #2 by Donald B. Murphy Contractors, Inc., Tacoma, WA

Handwritten initials and stamps at the bottom right.