

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

WATER WELL REPORT

STATE ENGINEER, SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

STATE OF OREGON

(Please type or print)  
(Do not write above this line)

State Well No. 3/3B-5 J

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

Unit 911

(1) OWNER:

Name BOISE CASCADE Corp.  
Address P.O. Box 200 Boise Idaho

(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

(5) CASING INSTALLED:

Threaded  Welded   
" Diam. from 6 ft. to 4.5 ft. Gage .212  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

PERFORATIONS:

Perforated?  Yes  No.  
Type of perforator used Mills  
Size of perforations 3/8 in. by 3 in.  
" perforations from 22 ft. to 40 ft.  
" perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
" 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) WATER LEVEL: Completed well.

Static level 11 ft. below land surface Date 8-31-67  
Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level  
Was a pump test made?  Yes  No If yes, by whom?  
Yield: 17 gal./min. with 30 ft. drawdown after 2 hrs.  
" " " " " "  
" " " " " "  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m. Date \_\_\_\_\_  
Temperature of water 56 ° Was a chemical analysis made?  Yes  No

(10) CONSTRUCTION:

Well seal—Material used Bentonite  
Depth of seal 12 ft.  
Diameter of well bore to bottom of seal 26 in.  
Were any loose strata cemented off?  Yes  No Depth \_\_\_\_\_  
Was a drive shoe used?  Yes  No  
Did any strata contain unusable water?  Yes  No  
Type of water? Refer to attached letter  
Method of sealing strata off \_\_\_\_\_  
Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(11) LOCATION OF WELL:

County Union Driller's well number 109  
NE 1/4 SE 1/4 Section 5 T. 35 R. 38E W.M.  
Bearing and distance from section or subdivision corner  
495' S 990' W 1/4 Section of CORNER  
of Sects 4+5

(12) WELL LOG:

Diameter of well below casing 24"  
Depth drilled 62 ft. Depth of completed well 62 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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Land fill	0	1	
Black Sandy CLAY	1	6	
Brown CLAY Large Gravel	6	15	11'
Cemented Gravel	15	32	11'
Brown CLAY Small Gravel	32	62	11'
Well to be sealed			
Drilled Deeper at a			
later DATE 175 per attached			
Letter			

Work started 8-21-67 19 \_\_\_\_\_ Completed 8-30-67 19 \_\_\_\_\_  
Date well drilling machine moved off of well 8-31-67 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] Eugene L. Stiffel Date 11/1, 1967  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 427

Water Well Contractor's Certification:

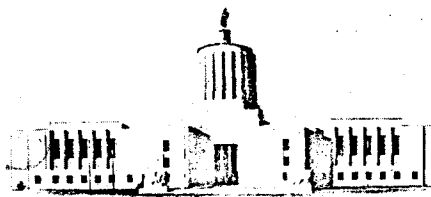
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Staffed Bros Drilling Co.  
(Person, firm or corporation) (Type or print)

Address Rt 2 Box 78 La Grande, Oregon

[Signed] Robert J. Stiffel  
(Water Well Contractor)

Contractor's License No. 410 Date 10-22-67, 19 \_\_\_\_\_



3/38-50  
Union

STATE OF OREGON  
STATE ENGINEER  
WATER RESOURCES DEPARTMENT  
516 PUBLIC SERVICE BUILDING  
SALEM 97310

REFER TO  
FILE NO. \_\_\_\_\_

August 21, 1967

Boise Cascade Timber & Wood Products Division  
P.O. Box 610  
La Grande, Oregon

ATTENTION: Claude J. Douty, Regional Engineer

Gentlemen:

We are in receipt of your letter of August 16, 1967 requesting special standards for an industrial well which is located on the outwash fan of the Grand Ronde river north and east of La Grande, Oregon. It is our understanding that the well is located in the vicinity of Section 33, Township 2S, Range 38E, and Section 4, Township 3S, Range 38E. The well is to be drilled on Boise Cascade property and will attempt to develop shallow ground water contained in the alluvial gravels of the area.

It is our understanding that the design of the well will be as follows: a 24 inch diameter casing will be set in a drilled well constructed to a depth of 40 feet. The casing will be perforated 15 feet below land surface. Standard casing seal will extend to a depth of approximately 15 feet to the perforated area of the casing.

Should the well be unsuccessful in developing shallow ground water zones and you desire to deepen the well to greater depths, it will be necessary to pressure grout the perforated area of the casing so as to completely seal off the shallow water zone before extending the well to greater depths.

We have been further advised that there are no shallow wells within a distance of 400 feet from the contemplated drill site. Should the well be found to be a source of pollution, the necessary steps for repair or abandonment will be required.

You are hereby authorized to construct the above mentioned well as described. Should the well prove unsuccessful and be abandoned, the well shall be abandoned in conformance with Oregon State Standards. The casing should be removed from the ground and the hole filled with bentonite, clay, or concrete grout as specified by the Standards.

Very truly yours,

CHRIS L. WHEELER  
State Engineer

By *Wm. S. Bartholomew*  
Wm. S. Bartholomew  
Geologist

WSB:sh