

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.

WATER WELL REPORT

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

State Well No. 1N/39-16 J
State Permit No. UN 10 17 31

(1) OWNER: *Page #1*
Name BOISE CASCADE
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
24" Diam. from 0 ft. to 27 ft. Gage 250
20" Diam. from 0 ft. to 334 ft. Gage 312
16" Diam. from 310 ft. to 345 ft. Gage 312

(6) PERFORATIONS: Perforated? Yes No.
Type of perforator used Southwest Pipe Machine Cut
Size of perforations 4 in. by 3 in.
2000 perforations from 482 ft. to 596 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 _____ Model No. _____
Type _____ Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WATER LEVEL: Completed well.
Static level _____ ft. below land surface Date _____
Artesian pressure 19 lbs. per square inch Date 7-11-67

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom?
Flow: 960 gal./min. with 19 1/2 ft. drawdown after 2 hrs.
1200 " 34 " 4 "
1520 " 67 " 10 "

Baller test gal./min. with ft. drawdown after hrs.
Artesian flow 800 g.p.m. Date 7-11-67
Temperature of water 53° Was a chemical analysis made? Yes No

(10) CONSTRUCTION:
Well seal—Material used Grout
Depth of seal 0 to 270 310 to 345 ft.
Diameter of well bore to bottom of seal 24 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? _____ depth of strata _____
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 91
NE 1/4 SE 1/4 Section 16 T. 1N R. 39E W.M.
Bearing and distance from section or subdivision corner 26' N
55' E SW CORNER of NW 1/4 of sect
16 T 1N R 39E

(12) WELL LOG: Diameter of well below casing _____
Depth drilled 600 ft. Depth of completed well 600 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
Boulders River Gravel	0	16	
Cemented Gravel	16	24	24
Large Gravel & Chay Hard	24	78	24
med Gravel yellow Clay	78	96	24
Blue Chay	96	114	24
Black clay wood mixed	114	136	18
Blue clay & pea gravel H	136	258	18
Blue Chay & pea wood	258	316	18
Hard Blue Chay pea gra	316	329	18
Black Sand	329	330	Flowing
Basalt Black Hard	330	348	"
Basalt Broken Black	348	349	"
Basalt Black Hard	349	354	"
SANDSTONE Black Hard	354	375	"
Blue Chay pea Gravel	375	396	"
DARK BROWN Chay wood mixed	396	414	"
Blue Chay wood mixed	414	472	"
SANDSTONE Black Hard	472	482	"
Fractured Black Basalt	482	491	"
Basalt Black Hard	491	496	"
Porous Black Basalt	496	509	"

Work started 4-17-67 19 Completed 7-11-67 19
Date well drilling machine moved off of well 7-11-67 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] Raluit V. Stoffel Date 9-23-67
(Drilling Machine Operator)

Drilling Machine Operator's License No. 349

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 Stoffel Bros. Drilling Co.
(Person, firm or corporation) (Type or print)
Address Rt. 2 Box 78 La Grande, Ore.
[Signed] Raluit V. Stoffel
(Water Well Contractor)
Contractor's License No. 415 Date 9-23-67, 19_____

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WATER WELL REPORT

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

State Well No. 1N/39-16J
 State Permit No. See well 1731

(1) OWNER: Page #2
 Name BOISE CASCADE
 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

CASING INSTALLED: Threaded Welded
12" Diam. from 312 ft. to 480 ft. Gage 312
10" Diam. from 461 ft. to 600 ft. Gage 312
 " 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.
 _____ 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.
 _____ c level _____ ft. below land surface Date _____
 _____ 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?
 _____'d: _____ gal./min. with _____ ft. drawdown after _____ hrs.
 " " " " " "
 " " " " " "
 _____ Bailor test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 _____ Artesian flow _____ g.p.m. Date _____
 _____ Temperature of water _____ Was a chemical analysis made? Yes No

(10) CONSTRUCTION:
 Well seal—Material used _____
 Depth of seal _____ ft.
 Diameter of well bore to bottom of seal _____ 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? _____ depth of strata _____
 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 _____ Driller's well number 91
 _____ 1/4 _____ 1/4 Section T. R. W.M.
 Bearing and distance from section or subdivision corner _____

(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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Basalt Black Hard	509	518	Flowing
Basalt Broken Black	518	529	"
Blue Clay Broken Basalt	529	534	"
Broken Basalt Black	534	559	"
Blue Clay Broken Basalt	559	566	"
Broken Basalt Black	566	571	"
Green Clay Gr. Broken Basalt	571	600	"

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] R.V. Stoffel Date 9-23-67 19_____
 (Drilling Machine Operator)
 Drilling Machine Operator's License No. 349

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 Stoffel Bros Drilling Co.
 (Person, firm or corporation) (Type or print)
 Address P.O. Box 78 La Grande Ore.
 [Signed] Robert V. Stoffel
 (Water Well Contractor)
 Contractor's License No. 415 Date 9-23-67, 19____