

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.

AUG 3 1968

08043

STATE OF OREGON

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

STATE ENGINEER

SALEM, OREGON

State Well No.

State Permit No.

3/1w-11C

(1) OWNER:

Name BONNEVILLE POWER (OREGON CITY SUBSTATION)
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 ☐
Aug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☒ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒
16" Diam. from 0 ft. to 48 ft. Gage .375
10" Diam. from 0 ft. to 134 ft. Gage .365
8" Diam. from 129 ft. to 325 ft. Gage .25

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used

Torch

Size of perforations 1/4 in. by 1 in.
320 perforations from 250 ft. to 260 ft.
256 perforations from 270 ft. to 278 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.

Water level 48 ft. below land surface Date 5-21-68
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?

14.1 gal./min. with 62 ft. drawdown after 8 hrs.

Bailer 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 Bentonite & Cement
Depth of seal 48 ft. and 134 ft.
Diameter of well bore to bottom of seal 14" to 134"
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 CLACKAMAS Driller's well number 168-23
1/4 1/4 Section 11 T. 3S R. 1W W.M.

Bearing and distance from section or subdivision corner

105' N & 166' E of SW corner of

N E 1/4 NW 1/4 Sec. 11 T3S R 1W WM

(12) WELL LOG:

Diameter of well below casing Bottom

Depth drilled 325 ft. Depth of completed well 325 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, large	0	34	
Clay, brown	34	43	
CLAY, red-orange, trace gravel, fine fine	43	63	
CLAY, red & boulders small	63	76	
CLAY, brown trace gravel, med.	76	93	
CLAY, red	93	103	
CLAY, brown with sandy gravel med. fine—trace water	103	110	93
CLAY, yellow, some gravel fine	110	125	
CLAY, brown, gravel, coarse	125	135	
Rock, black, hard (water0	135	145	71
Basalt,	145	188	71
Basalt, weathered	188	198	62
Basalt, black	198	250	65
Basalt, wethered	250	260	
Basalt, black	260	270	
Basalt, crevased	270	278	
" black, hard	278	298	
" broken	298	308	
" black, hard	308	320	
" Crevases	320	325	

Work started 4-3 1968 Completed May 21 1968

Date well drilling machine moved off of well May 21 1968

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] Maurice D. Skyles Date June 14, 1968
(Drilling Machine Operator)

Drilling Machine Operator's License No. 224

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 SKYLES DRILLING & SUPPLY
(Person, firm or corporation) (Type or print)

Address GLADSTONE, OREGON

[Signed] George T. Skyles
(Water Well Contractor)

Contractor's License No. 58 Date June 14, 1968