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STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT.
SALEM, OREGON

WELL I.D. # L26869
START CARD # 120602

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

(1) OWNER:

Well Number 1 South well

Name Bonneville Power
Address 905 NE 11th Ave
City Portland State OR. Zip 97232

(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 ☒ Other Fisheries
☐ Thermal ☐ Injection ☐ Livestock ☒ Other Facilities

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well _____ ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
10	0	20	Bentonite chip	0	20	60 sacks
6	20	182				

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

☒ Other Bentonite chips Placed From Top w/Temp casing

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6	+2	85	.250	☒	☐	☒	☐
	4	-79	85	sch 40	☒	☐	☒	☐
Liner:	4	110	120	sch 40	☒	☐	☒	☐
	4	130	136	sch 40	☒	☐	☒	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

☐ Perforations Method _____

☒ Screens Type STAINLESS STEEL Material V-WIRE

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
85	110	.040		4	PIPE	☐	☒
120	130	.040		4	PIPE	☐	☒

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

☒ Pump	☐ Bailer	☒ Air	☐ Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
500 to 600		136	3 hrs. 1 hr.
400			72 hrs.

Temperature of water 45° 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 WALLA WA Latitude 45°25.030 Longitude 117°25.608
Township 2 N or S Range 43 E or W. WM.
Section 3 NE 1/4 SW 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) 5 miles south of Lostine
ON THE UPPER LOSTINE RIVER "SOUTH WALL"

(10) STATIC WATER LEVEL:

2' 7" ft. below land surface. Date 1-26-99
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 15'

From	To	Estimated Flow Rate	SWL
20	27	100	3
85	130	500 TO 600	

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
TOP SOIL	0	2	
BROWN muddy sand + GRAVEL	2	15	
BROWN sand + LARGE GRAVEL	15	27	3'
GRAY + BROWN sand w/ med. GRAVEL	27	38	
GRAY sand w/ some GRAVEL	38	75	
GRAY sand + GRAVEL	75	82	
FINE GRAY sand	82	85	
GRAY sand w/ some GRAVEL	85	130	
FINE muddy GRAY sand	130	182	6"

PULLED CASING TO 136' TO SET SCREENS.

SCREENS WERE SET + CASING PULLED BACK TO 85' DEPTH

Date started 12-15-98 Completed 1-25-99

(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.

Signed Rupert W. Huston WWC Number 1231
Date 1-27-99

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER