

DESC 5744

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

APR 20 1985

WATER RESOURCES DEPT

PLEASE TYPE or PRINT IN INK

(for official use only)

(1) OWNER:

SALEM, OREGON

Name Sunriver Utilities Company
Address Water Department
City Sunriver State Oreg. 97707

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air Driven
Rotary Mud Dug
Cable Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Community Thermal: Irrigation Withdrawal ReInjection
Other: Piezometric Grounding Test

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded

1.4" Diam. from +2 ft. to 170 ft. Gauge #250
" Diam. from 161 ft. to 484 ft. Gauge #250

LINER INSTALLED:

Steel Plastic
Threaded Welded

see above ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? Yes No

Size of perforations 1/8 in. by 3 in.
1850 perforations from 484 ft. to 384 ft.
370 perforations from 364 ft. to 344 ft.
370 perforations from 304 ft. to 284 ft.
710 1/8 by 3" Well screen installed? Yes No

(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? Contractor
1900 gal./min. with 93 ft. drawdown after 2 hrs.

Air test gal./min. with drill stem at ft. hrs.

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 52* Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used Portland Cement

Well sealed from land surface to 55 ft.

Diameter of well bore to bottom of seal 19 in.

Diameter of well bore below seal 16 in.

Amount of sealing material 70 sacks pounds

How was cement grout placed? Pressure Grout

Was pump installed? no Type HP Depth ft.

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 by legal description:

County Deschutes SE 1/4 NE 1/4 of Section 29 of Township 19S Range 11E WM. (Township is North or South) (Range is East or West)

Tax Lot Lot Block Subdivision

MAILING ADDRESS OF WELL (or nearest address) unknown

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 35 ft.

Static level 27 ft. below land surface. Date 7-25-85

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 558 ft. Depth of completed well 558 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
Top-Soil	0	2	
Boulders & Clay	2	32	
Gravels (Black)	32	35	
Black Lava	35	42	
Broken Lava	42	50	
Black Lava	50	70	
Black Sand	70	83	
Red Lava	83	105	
Broken Black Lava	105	140	
Black Lava	140	148	
Red Clay & Rocks	148	160	
Black Gravels	160	170	
Black Lava	170	180	
Grey Lava	180	218	
Black Sand & Gravel	218	240	
Sand & Gravel-Yellow Clay	240	265	
Yellow Pumice	265	277	
Black Lava	277	291	
Broken Black Lava	291	298	
Mild Black Lava	298	330	
Red Cinders	330	340	

Date work started 5-4-85 /completed 7-25-85

Date well drilling machine moved off of well 7-25 19 85

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Barb Salaskey Date 8-6 19 85

(bonded) Water Well Constructor Certification:

Bond 10596951 Issued by: AMNEST (number) (Surety Company Name)

On behalf of Buckner Pump Service (type or print name of Water Well Constructor)

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

(Signed) Robert Buckner (Water Well Constructor)

(Dated) 8-6-85

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

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

SP*46866-690

RECEIVED

10-1-85

STATE OF OREGON WATER WELL REPORT (as required by ORS 537.765)

AUG 28 1985

PLEASE TYPE or PRINT IN INK

WATER RESOURCES DEPT

(for official use only)

(1) OWNER: SALEM, OREGON Name Sunriver Utilities Company Address Water Department City SunRiver State ORe. 9 7707

(2) TYPE OF WORK (check): New Well [x] Deepening [] Reconditioning [] Abandon [] If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: Rotary Air [] Driven [] Rotary Mud [] Cable [x] Bored [] (4) PROPOSED USE (check): Domestic [] Industrial [] Municipal [] Thermal [] Irrigation [] Withdrawing [] ReInjection [] Other: Piezometric [] Grounding [] Test []

(5) CASING INSTALLED: Steel [x] Threaded [] Plastic [] Welded [x] see pg. 1 Diam. from ... ft. to ... ft. Gauge ... LINER INSTALLED: Steel [] Threaded [] Plastic [] Welded [] see above Diam. from ... ft. to ... ft. Gauge ...

(6) PERFORATIONS: Size of perforations in. by ... Perforated? [x] Yes [] No in. see pg. 1 perforations from ... ft. to ... ft.

(7) SCREENS: Well screen installed? [] Yes [x] No Manufacturer's Name ... Type ... Model No. ... 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? [x] Yes [] No If yes, by whom? Contractor Date: 1900 gal./min. with 93 ft. drawdown after 2 hrs. Air test ... Bailer test ... Artesian flow ... temperature of water 52* Depth artesian flow encountered ... ft.

(9) CONSTRUCTION: Special standards: Yes [] No [x] Well seal—Material used Portland Cement Well sealed from land surface to 55 ft. Diameter of well bore to bottom of seal 19 in. Diameter of well bore below seal 16 in. Amount of sealing material 70 sacks [x] pounds [] How was cement grout placed? Pumped Down Was pump installed? no Type ... HP ... Depth ... ft. Was a drive shoe used? [x] Yes [] No Plugs ... Size: location ... ft. Did any strata contain unusable water? [] Yes [x] No Type of Water? depth of strata Method of sealing strata off Was well gravel packed? [] Yes [x] No Size of gravel: Gravel placed from ... ft. to ... ft.

(10) LOCATION OF WELL by legal description: County Deschutes SE 1/4 NE 1/4 of Section 29 of Township 19S Range 11E WM. Tax Lot ... Lot ... Block ... Subdivision ... MAILING ADDRESS OF WELL (or nearest address) ...

(11) WATER LEVEL of COMPLETED WELL: Depth at which water was first found 35 ft. Static level 27 ft. below land surface. Date 7-25-85 Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 8" Depth drilled, 558 ft. Depth of completed well 558 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.

Table with columns: MATERIAL, From, To, SWL. Rows include: Black Lava (340-347), White Pumice (347-352), Coarse Sand (Black) (352-357), Black Lava (357-385), Red Cinders & Clinkers (385-400), Black Sand & Gravel (400-442), Red Cinders (442-448), Brown Sandstone (448-477), Brown Sand (477-484), Hard Basalt (484-487), Broken, Decomposed Rock, W/B (487-489), Hard Basalt (489-512), Broken Rock/Cinder Gravels, W/ (512-556), Hard Basalt (556-558)

Date work started 5-4-85 / completed 7-25-85 Date well drilling machine moved off of well 7-25 19 85

(unbonded) Water Well Constructor Certification (if applicable): This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief. [Signed] Paul Salisbury Date 8-6-19 85

(bonded) Water Well Constructor Certification: Bond 10596951 Issued by: AMWEST (number) (Surety Company Name) On behalf of Buckner Pump Service (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. [Signed] Robert Buckner (Water Well Constructor) (Dated) 8-6-85