

State Well No. 16/10-1  
 State Permit No. \_\_\_\_\_

DESC  
 4011

**(1) OWNER:**  
 Name Newell BAKER  
 Address Rt. 2 Bend, OREGON

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

**(3) TYPE OF WELL:** Rotary  Cable  Dug   
 Driven  Jetted  Bored   
**(4) PROPOSED USE (check):** Domestic  Industrial  Municipal   
 Irrigation  Test Well  Other

**CASING INSTALLED:** Threaded  Welded   
 " Diam. from 0 ft. to 210 ft. Gage 250  
 " Diam. from 0 ft. to 251 ft. Gage 250  
 " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**PERFORATIONS:** Perforated?  Yes  No.  
 If perforator used Acetylene  
 " of perforations 3/8" in. by 8" in.  
460 perforations from 171 ft. to 251 ft.  
 \_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 \_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(7) SCREENS:** Well screen installed?  Yes  No  
 Manufacturer's Name Western Hand Packer  
 Type \_\_\_\_\_ Model No. \_\_\_\_\_  
 Diam. 10" Slot size 3/8 Set from Bottom of Pump 3' 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? Rinsing  
 Yield: 2757 gal./min. with 2 ft. drawdown after 3 hrs.  
 " " " " " " " "  
 " " " " " " " "  
 Bailor test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
 Artesian flow \_\_\_\_\_ g.p.m.

**CONSTRUCTION:**  
 Well seal—Material used Cement Grout  
 Well sealed from land surface to 50 ft.  
 Diameter of well bore to bottom of seal 20 in.  
 Diameter of well bore below seal 20 in.  
 Number of sacks of cement used in well seal 5 yds Redox mit sacks  
 Number of sacks of bentonite used in well seal \_\_\_\_\_ sacks  
 Brand name of bentonite \_\_\_\_\_  
 Number of pounds of bentonite per 100 gallons of water \_\_\_\_\_ lbs./100 gals.  
 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 228  
 Method of sealing strata off \_\_\_\_\_  
 Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(10) LOCATION OF WELL:**  
 County Deschutes Driller's well number \_\_\_\_\_  
 \_\_\_\_\_ 1/4 Section 31 T. 165 R. 10E W.M.  
 Bearing and distance from section or subdivision corner \_\_\_\_\_

**(11) WATER LEVEL: Completed well.**  
 Depth at which water was first found 228 ft.  
 Static level 203 ft. below land surface. Date 3-1-71  
 Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:** Diameter of well below casing 14"  
 Depth drilled 254 ft. Depth of completed well 254 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
<u>Rem Bigger No Cuttings</u>	<u>0</u>	<u>230</u>	<u>203</u>
<u>Fine sand.</u>	<u>230</u>	<u>254</u>	
<u>REAM FROM 16 IN. TO 20 IN. TO 230 FT.</u>			

Work started 1/5 1971 Completed 3/4 1971  
 Date well drilling machine moved off of well 3/5 1971

**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] Arnold Hunt Date 3-13, 1971  
 (Drilling Machine Operator)  
 Drilling Machine Operator's License No. 231

**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 Woerner Drilling & Pump Service  
 (Person, firm or corporation) (Type or print)  
 Address P.O. Box 331, Redmond, ORE.  
 [Signed] Ed Woerner  
 (Water Well Contractor)  
 Contractor's License No. 499 Date 3-11, 1971



Oregon Water Resources Department  
 725 Summer Street NE, Suite A  
 Salem Oregon 97301  
 (503) 986-0900  
 www.wrd.state.or.us

# Application for Well ID Number

**RECEIVED**

AUG 02 2017

WATER RESOURCES DEPT  
 SALEM, OREGON

*Do not complete if the well already has a Well Identification Number.*

**I. OWNER INFORMATION**

Current Owner Name (please print): Sun Mountain Water Systems  
 Mailing Address: 16880 Barbra Way  
 City, State, Zip: Bend, OR 97703  
 Mail Well ID Tag to:  SAME AS ABOVE  In Care Of (C/O)  
 Name & Address: \_\_\_\_\_  
 City, State, Zip: \_\_\_\_\_

**II. WELL LOCATION INFORMATION** (Please fill out as completely as possible)

Township: 16S (North / South) Range: 10E (East / West) Section: 1 SW 1/4 of the NW 1/4  
 Tax Lot (usually last 3-5 numbers of Tax Map #): 7900 County Deschutes  
 GPS Coordinates: 44.215522, -121.484756  
 Street Address of Well, City: 16825 Varco Rd., Bend, OR  
 If the property had a different street address in the past: "Rt2, Bend, OR"

**III. GENERAL WELL INFORMATION** (Please fill out as completely as possible, AND attach copy of Well Log, if available)

Use of Well (domestic, irrigation, commercial, industrial, monitoring): Domestic  
 Date Well Constructed (or property built): 3/5/1971 Total Well Depth: 254 Casing Diameter: 16"  
 Owner at time the well was constructed (if known): Newell Baker Well Log # (if known): DESC 4011 alt  
 Other Information: State Well#16/10-1; 50' Cement Grout seal DESC 4012 orig

SUBMITTED BY (please print): William D. Nashem  
 PHONE: 541/639-4109 EMAIL &/or FAX: william.d.nashem@oregon.gov

Send application to: Oregon Water Resources Department 725 Summer St NE, Suite A, Salem, Oregon 97301; or fax to (503) 986-0902.  
 Applications are processed in the order they are received, and Well ID Numbers are mailed within 4-5 business days.

For Official Use Only by the Oregon Water Resources Department:		
Received Date: 8-2-17	Well Log Number: DESC 4011 alt DESC 4012 orig	Well Identification #: L-127142