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start card # 28954

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

Desc 1656

(1) OWNER: Name W.W.I.D. Well Number: 596-5-93 Well # 4 Address P.O. Box 3584 City Sun River State Or. Zip 97707

(2) TYPE OF WORK: [X] New Well [] Deepen [] Recondition [] Abandon

(3) DRILL METHOD: [X] Rotary Air [] Rotary Mud [X] Cable [] Other

(4) PROPOSED USE: [] Domestic [X] Community [] Industrial [] Irrigation [] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well 628 ft. Explosives used [] [X] Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Amount sacks or pounds cement. Rows: 16" 0 -30 type 1&2 0 -30 98 sks; 12" 30 250; 10" 250 628

How was seal placed: Method [] A [] B [X] C [] D [] E Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Rows for Casing: 12" 1 1/2 + -240 .250 [X] [] [X] []; 10" 1 1/2 + -532 .250 [X] [] [X] []

Location of shoe(s)

(7) PERFORATIONS/SCREENS: [] Perforations Method [] Screens Type Material

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

(8) WELL TESTS: Minimum testing time is 1 hour. Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Rows: bailer 50 0 bailer 1 hr.; air 300 15' 628 5 hr.; pump 560 40' 235 4 hr.

Temperature of water 46° Depth Artesian Flow Found Was a water analysis done? [X] Yes By whom Century test. lab. Did any strata contain water not suitable for intended use? [X] Too little [] Salty [X] Muddy [X] Odor [X] Colored [X] Other CH4, H2S, Iron, sandy Depth of strata: 6' to 532'

(9) LOCATION OF WELL by legal description: County Deschutes Latitude Longitude Township 20 N or S, Range 10 E or W, WM. Section 13D SE 1/4 SE 1/4 Tax Lot 23000 Lot 2 Block 28 Subdivision Unit II Street Address of Well (or nearest address) Oregon water wonderland 17153 Crane Drive, Bend, Or. 97707

(10) STATIC WATER LEVEL: 2 ft. below land surface. Date 2-16-93 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Row: 565 628 300+ 2'

(12) WELL LOG: Table with columns: Material, From, To, SWL. Rows: Tan Pumice & Clay (0-6), Yellow Clay & Silt (6-50), Grey Clay & Silt (50-63), Fine Black Sand (63-85), Hard Grey Clay (85-92), Black Sand & Silt (92-155), Brown sand & Silt (155-185), Black Sand & Silt (185-233), Pinkish/Tan Clay & Silt (233-255), Black Sand & Silt (255-307), Brown Clay & Tan Pumice (307-317), Medium Gravel, Sand, Clay (317-324), Hard, Brown Clay & Silt (324-335), Hard Pink & Brown Clay (335-375), Black Clay & Small Gravel (375-451), Fine, Black Sand (451-460), Tan Pumice & Silt (460-532), Grey Lava (532-565), Broken Grey Lava/Tan Clay (565-596) 2, Broken Grey Lava/fractured (596-616), Broken Rock Conglomerate/clay (616-628) (tan)

Date started 9-28-92 Completed 2-21-93

(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 well construction standards. Materials used and information reported above are true to my best knowledge and belief. Signed WWC Number 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 well construction standards. This report is true to the best of my knowledge and belief. Signed [Signature] WWC Number 685 Date 3-11-93