

JAN 17 1989

Jeff 47

138/18/24/66

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

WATER RESOURCES DEPT. SALEM, OREGON

(1) OWNER: Well Number: 1675 Name Mr. Robert Neary Address C/O Suttle Lake Resort star route City Sisters, State OR Zip 97759

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

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

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

(5) BORE HOLE CONSTRUCTION: Construction approval Yes [] No [X] Depth of Completed Well 460 ft. Explosives used [] [] Type Amount

Table with columns: HOLE Diam, From, To, Material, SEAL From, To, Amount sacks or pounds. Row 1: 0, 30, Bent., 0, 30, 1400lbs.

How was seal placed: Method [] A [] B [] C [] D [] E [X] Other poured dry 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. Casing: 6, +1, 79, 250, [X], [], [X], []. Liner: 5"OD/AB, -10, 460, 160, [], [X], [X], [].

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: [X] Perforations Method saw [] Screens Type Material. Table with columns: To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Row 1: 390, 1/8x5", 100, 5"OD/AB, [], [X].

(8) WELL TESTS: Minimum testing time is 1 hour [] Pump [] Bailer [X] Air [] Flowing Artesian Yield gal/min 20 gpm Drawdown 5ft. Drill stem at 448ft. Time 1 hr.

Temperature of water 56° Depth Artesian Flow Found Was a water analysis done? [] Yes By whom Did any strata contain water not suitable for intended use? [X] Too little [] Salty [] Muddy [] Odor [] Colored [] Other Depth of strata: sealed with cement.

(9) LOCATION OF WELL by legal description: County Jeff. Latitude Longitude Township 13 N or S, Range 18 E or W, WM. Section 24 NW 1/4 NW 1/4 Tax Lot Lot Block Subdivision Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL: 405 ft. below land surface. Date 12/17/88 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 85, 86, 5gpm, 65. Row 2: 405, 460, 20 gpm, 405. Text: FIRST ZONE SEALED OFF WITH CUSTOMERS APPROVAL.

(12) WELL LOG: Ground elevation. Table with columns: Material, From, To, SWL. Rows: Top soil (0-4), Boulders and gravel (4-21), Basalt grey (21-39), Boulders, clay and grave (39-72), Basalt grey (72-85), Basalt broken grey WB (85-86, 65), Basalt mild multi-coler (86-213), Lava mild multicolor (213-348), Basalt grey hard (348-405, 405), Lava broken mild multi-coler WB (405-460). Text: ZONE OF WATER WAS TOO LITTLE FOR CUSTOMERS NEEDS. HOLE WAS CEMENTED FROM PACKER AT 295' TO BOTTOM OF CASING TO SHUT OFF UPPER WATER ZONE, PER STATE STANDARDS.

Date started 12/10/88 Completed 12/19/88

(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 [Signature] WWC Number 1371 Date 1/8/89

(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 1371 Date 1/8/89