

2N/21E/29

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

GILL 123

OCT - 3 1988

PERMIT # G-10808

(1) OWNER: Name WASTE MANAGEMENT OF OREGON Address STAR RT BOX 6 City ARLINGTON State OREGON Zip 97812

Well Number: 1 WATER RESOURCES DEPT SALEM, OREGON County CLATSOP Latitude Longitude Township 2 N or S, Range 21 E or W, WM. Section 29 Tax Lot Lot Block Subdivision Street Address of Well (or nearest address) CEDER SPRINGS

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

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

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

(5) BORE HOLE CONSTRUCTION: Construction approval Yes No Depth of Completed Well 445 ft. Explosives used [] [X] Type Amount

Table with columns: HOLE Diameter, SEAL Material, Amount sacks or pounds. Rows: 4 to 60 (CEMENT/GROUT, 42 sks), 60 to 445 (BENTONITE, 100 #)

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 (10", 250 gauge) and Liner (8", 188 gauge)

Final location of shoe(s)

PERFORATIONS/SCREENS:

[X] Perforations Method TORCH CUT [] Screens Type Material

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Rows: 15-277 (12x1/2, 168, 8"), 277-445 (12x1/2, 80, 8")

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

Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Rows: 200/15'/1 hr, 300/25'/1 hr, 450/50'/24 hrs

Temperature of water 60 Depth Artesian Flow Found Was a water analysis done? [X] Yes By whom OWNER Did any strata contain water not suitable for intended use? [] Too little [] Salty [] Muddy [] Odor [] Colored [X] Other NO Depth of strata:

(10) STATIC WATER LEVEL: 110 ft. below land surface. Date 8/18/88 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 249'

Table with columns: From, To, Estimated Flow Rate, SWL. Rows: 249-275 (100, 110), 323-445 (200, 110), 346-445 (150+, 110)

(12) WELL LOG: Ground elevation

Table with columns: Material, From, To, SWL. Rows: Brown clay occ sandy (0-20), Black/brown basalt broken (20-31), Black/brown basalt streaks broken (31-39), Black basalt occ brown broken (39-48), Black/grayblack basalt hard (48-84), Black/brown basalt (84-101), Black/greyblack basalt hard (101-132), Brown basalt/lava occ claystone (140-249), Brown lava broken (249-266), Brown basalt occ lavastrk broken (226-275), Greyblack bassalt hard/broken (275-316), Black/greybrown basalt fractured (316-323), Brown/redbrown basalt/lava broken (232-338), Black/brown basalt broken (338-346), Black/greyblack basalt occ (346-445), broken streaks

Date started 8/8/88 Completed 8/29/88

(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 _____ 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 _____ WWC Number 1267 Date 9/27/88