

JUN 18 2001

STATE OF OREGON WATER RESOURCES DEPT. WATER SUPPLY WELL REPORT SALEM, OREGON

WELL ID. # L START CARD # 138717

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER: City of Keizer, Well Number, Name, Address, City, State, Zip

(2) TYPE OF WORK: New Well, Deepening, Alteration, Abandonment

(3) DRILL METHOD: Rotary Air, Rotary Mud, Cable, Auger, Other

(4) PROPOSED USE: Domestic, Community, Industrial, Irrigation, Thermal, Injection, Livestock, Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval, Depth of Completed Well, Explosives used

Table with columns: HOLE (Diameter, From, To), SEAL (Material, From, To), Sacks or pounds. Includes 'How was seal placed' and 'Backfill placed'.

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes 'Drive Shoe used' and 'Final location of shoe(s)'.

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner. Includes 'Perforations' and 'Screens'.

(8) WELL TESTS: Minimum testing time is 1 hour. Includes Pump, Bailer, Air, Flowing Artesian, Yield gal/min, Drawdown, Drill stem at, Time.

Temperature of water, Depth Artesian Flow Found, Was a water analysis done?, Did any strata contain water not suitable for intended use?, Depth of strata.

(9) LOCATION OF WELL by legal description: County, Latitude, Longitude, Township, N or S Range, E or W. WM., Section, Tax Lot, Lot, Block, Subdivision, Street Address of Well.

(10) STATIC WATER LEVEL: ft. below land surface, Date, Artesian pressure, lb. per square inch, Date.

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL.

(12) WELL LOG: Ground Elevation

The abandoned well was a 10" diameter well to 130', later deepened to 166' w/ an 8" diameter casing. An 8" PVC liner was in place extending from G.L. to 90' to block out sand entrance w/ packers. The steel casings were perforated virtually from 95' to the bottom. Red gravel (chlorinated) put in from 105'-166'. Bentonite (3/8") poured & placed from 105'-95' after 10" perforated from 95'-Ground Level w/ exception to area from 74'-85' originally perforated. Six perforations per foot were cut. Cement was mixed, dumped through a tremie & placed between 70'-95' and G.L. + 55'. The replacement production well is just 10'-15' from this well. When the cement began to go laterally, we used the second lift of bentonite. Cement used - 40 sacks; Bentonite used - 25 sacks.

Date started May 7, 2001 Completed May 10, 2001

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. WWC Number 1454

(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 water supply well construction standards. This report is true to the best of my knowledge and belief. Signed Michael Waldrop WWC Number 1633 Date June 13, 01