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STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765) WATER RESOURCES DEPT. Instructions for completing this report are on the last page of this form

MAY 13 1998

WELL ID # 19804 (START CARD) # 113103

(1) OWNER: Well Number: 19804 Name: Mark Krautman Address: 4199 75th Ave SE City: Salem State: OR Zip: 97301

(2) TYPE OF WORK: [X] New Well [] Deepening [] Alteration (repair/recondition) [] Abandonment

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No Depth of Completed Well 385 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Amount sacks or pounds. Rows include Cement, Bentonite, and Cement with various diameters and depths.

How was seal placed: Method [] A [] B [X] C [] D [] E [X] Other Casing placed into cement lower seal

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: 6" diameter, 199' depth.

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

(8) WELL TESTS: Minimum testing time is 1 hour. [] Pump [] Bailer [X] Air [] Flowing Artesian. Yield gal/min: 35, Drawdown: 380, Drill stem at: 1 hr.

Temperature of Water 52 Depth Artesian Flow found. Was a water analysis done? [] Yes [] No By whom. Did any strata contain water not suitable for intended use? [] Too little [] Salty [] Muddy [] Odor [] Colored [] Other.

(9) LOCATION OF WELL by legal description: County Marion Latitude Longitude Township 8/S N or S. Range 2/W E or W. of WM. Section 9 NE 1/4 NW 1/4 Tax Lot 300 Lot Block Subdivision Street Address of Well (or nearest address) 5765 Joseph Street SE Salem, Oregon

(10) STATIC WATER LEVEL: 185 ft. below land surface. Date 4/30/98 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 166

Table with columns: From, To, Estimated Flow Rate, SWL. Rows show water bearing zones at depths 166, 217, and 293.

(12) WELL LOG: Ground elevation

Table with columns: Material, From, To, SWL. Log entries include Topsoil, Clay brown & basalt broken, Basalt grey, Basalt black vesicular, etc.

Date started 4/28/98 Completed 4/30/98

(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. Signed: [Signature] WWC Number 1454 Date 5-1-98

(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. Signed: [Signature] WWC Number 1394 Date 5-1-98 Mack Drilling Company, Inc.

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STATE OF OREGON WATER SUPPLY WELL REPORT WATER RESOURCES DEPT. Instructions for completing this report are on the back page of this form

WELL ID # (START CARD) # 113103 Page 2

(1) OWNER: Well Number: Name Mark Krautman Address City State Zip

(2) TYPE OF WORK: New Well Deepening Alteration (repair/recondition) 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 Yes No Depth of Completed Well ft. Explosives used Yes No Type Amount

Table with columns: HOLE Diameter, SEAL Material, Amount sacks or pounds. Includes rows for seal placement and backfill/gravel details.

How was seal placed: Method A B C D E Other 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 and Liner.

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

(8) WELL TESTS: Minimum testing time is 1 hour 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? Yes By whom Did any strata contain water not suitable for intended use? Too little Salty Muddy Odor Colored Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Latitude Longitude Township 8/S N or S. Range 2/W E or W. of WM. Section 9 1/4 1/4 Tax Lot Lot Block Subdivision Street Address of Well (or nearest address)

(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

Table with columns: Material, From, To, SWL. Includes entries: Basalt black w/seams (319-328), Basalt black w/brown & green seams (328-375), Basalt black & green seamy (375-382), Basalt black med - hard (382-385)

Date started Completed

(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. 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. Signed WWC Number 1394 Date Mack Drilling Company, Inc.