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

CUAC 18102

58/2E/6cb

(START CARD) # 32023

(1) OWNER: Dennis K. & Douglas L. Hopper, Well Number, Address 33285 S. Barlow Rd., City Woodburn, State OR, Zip 97071

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

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval [] Yes [X] No, Depth of Completed Well 323 ft., Explosives used [] Yes [X] No

Table with columns: HOLE Diameter, From, To, SEAL Material, From, To, Amount sacks or pounds. Rows include Gran Bent, annular backfill, and Cuttings.

How was seal placed: Method [] A [] B [] C [] D [] E, [X] Other poured & probed, Backfill placed from 323 ft. to 365 ft., Material sand/slough, 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.

Final location of shoe(s) 336

(7) PERFORATIONS/SCREENS: [X] Perforations Method air rotary, [] Screens Type, Material

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

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

Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Rows for Pump, Bailer, Air, and Flowing Artesian tests.

Temperature of Water 51°F, Depth Artesian Flow Found, Was a water analysis done? [] Yes, Did any strata contain water not suitable for intended use? [] Too little, [] Salty, [] Muddy, [] Odor, [] Colored, [] Other, Depth of strata: SE1 9229

(9) LOCATION OF WELL by legal description: County Clackamas, Latitude, Longitude, Township 5S, N or S. Range 2E, E or W. WM., Section 6, NW 1/4 of SW 1/4, Tax Lot 1900, Lot, Block, Subdivision, Street Address of Well (or nearest address) Cramer Rd., Molalla, OR

(10) STATIC WATER LEVEL: 40 ft. below land surface, Date 6/8/92, Artesian pressure lb. per square inch., Date

(11) WATER BEARING ZONES: Depth at which water was first found approx. 41

Table with columns: From, To, Estimated Flow Rate, SWL. Rows for sand/gravel zones and flow rate.

(12) WELL LOG: Ground elevation approx. 280

Table with columns: Material, From, To, SWL. Includes a 'RECEIVED' stamp dated SEP 29 1992 from WATER RESOURCES DEPT. SALEM, OREGON. Additional text: Additional Perforations with mills knife in casing: From To Slot No. 138 147 .3x3 162, 157 163 .3x3 108, 166 170 .3x3 72, 174 177 .3x3 36. (some air rotary perforations may exist in the above intervals also, as tool was not functioning)

Date started 2/17/92 Completed 7/8/92 properly.

(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 Donald A. Davis, WWC Number 1085, Date 9/22/92

(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 Stephen J. Schmidt, WWC Number 649, Date 9/22/92

Hopper Brothers Well Log
 by Schneider Equipment, Inc.
 Start Card #32023

5s/2E/6ck

RECEIVED

SEP 29 1992

WATER RESOURCES DEPT
 SALEM, OREGON

From	To	Description
0	3	Top soil, brown
3	11	Clay, brown, w/some gravel
11	15	Clay, brown & gravel
15	25	Clay, brown & gravel 4" minus
25	36	Gravel w/clay, brown
36	41	Gravel 4" minus, w/some clay, brown
41	54	Gravel 4" minus & sand, med
54	64	Gravel 4" minus w/clay, brown
64	68	Clay, brown, w/some gravel & sand, coarse
68	102	Gravel 8" minus & clay, brown
102	118	Gravel 6" minus & clay, brown, med, sandy
118	126	Gravel 2" minus & clay, brown, fine-med, sandy
126	133	Gravel 2" minus & clay, brown
133	138	Clay, brown
138	147	Gravel 2" minus w/some clay, brown, sandy
147	157	Gravel 4" minus & clay, brown
157	161	Gravel 1-1/2" minus & sand, med-coarse
161	163	Grvl 1-1/2" minus & sand, med-crse w/some clay, brown
163	165	Clay, brown, med-soft, sandy
165	166	Clay, brown, fine, sandy, & gravel 2" minus
166	170	Grvl 1-1/2"- & sand, med-crse, cem, w/some clay, brn
170	174	Clay, brown & rusty red, fine, sandy, cemented
174	177	Sand, brown, med-coarse & gravel 3/4" minus
177	179	Clay; coarse, sand; & pea gravel; cemented
179	184	Sand, med-coarse, brown & pea gravel
184	190	Sand, med-fine, brown
190	199	Clay, drk gray & black, some hard, dry
199	205	Sand, brown, med-fine, cemented, some loose
205	209	Clay, black, fine, sandy, w/some cemented
209	212	Sand, coarse, brown & pea gravel
212	220	Clay, blk & brown streaked, gritty, w/wood
220	225	Clay, dark gray/blk
225	232	Clay, gray, blk & brown streaked, firm
232	238	Sand, blue/grn, med-crse, w/clay, blue/grn, sandy
238	241	Clay, gray, sandy, fine, some cemented
241	247	Clay, gray, fine, sandy
247	258	Sand, blk, med-fine, compacted
258	275	Clay, blue-gray, sticky
275	278	Clay, blue, sandy
278	285	Sand, black, med, loose
285	288	Clay, blue, firm
288	306	Clay, blue/gray, soft, gritty
306	310	Clay, gray & brown streaked, soft
310	316	Clay, blue, med-soft, hard, dry
316	318	Clay, blue w/gray streaks, hard, dry
318	347	Clay, gray, med
347	351	Clay, gray w/brown streaks, sticky & gritty, firm
351	354	Claystone, gray
354	365	Clay, gray/blue, very sticky, firm