WATER WELL REPORT

STAŤE OF OREGON



RECEIVED State Well No. JAN 5 1982

WATER RESOURCESPDEPTO SALEM, OREGON

| (1) OWNER: | (10) LOCATION OF WELL: |
|--|---|
| Name Julian Ruiz | County Marion Driller's well number 8112 |
| Address 10855 Portland Rd NE | 4 SW 4 Section 3 T. 6S R. 2W W.M. |
| City Brooks State Or 97305 | Tax Lot # Lot Blk Subdivision |
| (2) TYPE OF WORK (check): | Address at well location: Same as owner |
| New Well Deepening □ Reconditioning □ Abandon □ | |
| If abandonment, describe material and procedure in Item 12. | (11) WATER LEVEL: Completed well. |
| (3) TYPE OF WELL: (4) PROPOSED USE (check): | Depth at which water was first found 63 |
| Rev. x | Static level 20 ft. below land surface. Date 10-20-8 |
| Rotary Air Driven Domestic Industrial Municipal Rotary Mud Dug Irrigation M Test Well Other | Artesian pressure – lbs. per square inch. Date |
| \square Bored \square Thermal: Withdrawal \square Reinjection \square | (12) WELL LOG: Depth drilled The Depth of completed well 141 |
| (5) CASING INSTALLED: Steel Y Plastic | it. Departi completed well |
| O Threaded □ Welded ₩ | Formation: Describe color, texture, grain size and structure of materials; and show |
| 8 132 10 145/11 Gauge 250 | thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level |
| The Comment of the Comment of the Control of the Co | and indicate principal water-bearing strata. |
| LINER INSTALLED: | MATERIAL From To SWL |
| 4 "Diam from +1 ft. to .21 ft. Gauge 237 | See sheet attached |
| (6) PERFORATIONS: Perforated? ☐ Yes 🕱 No | |
| Type of perforator used | |
| Size of perforations in. by in. | |
| perforations from | 570 |
| perforations from ft. to ft. | |
| perforations from ft. to ft. | |
| (7) SCREENS: Well screen installed? Yes I No ROSCOE MOSS | |
| Manuachier stiame | |
| 1ype | _ ks |
| Diam. Slot Size Set from ft. to | |
| Diam. Slot Size Set from ft. to ft. On MANUAL INTEGRACE Drawdown is amount water level is lowered | |
| (8) WELL TESTS: air lift below static level below static level | 100.3 |
| Wes a WWW test made? Wes I No If yes, by whom? SET | |
| d: 400 gal/min with 23 ft. drawdown after 3 hrs. | |
| " " " | |
| Air test gal./min, with drill stem at ft, hrs. | |
| Bailer test gal/min. with ft. drawdown after hrs. | |
| Artesian flow g.p.m. | |
| perature of water Depth artesian flow encountered ft. | Work started 7-11 19 81 Completed 10-20 19 81 |
| (9) CONSTRUCTION: Special standards: Yes No [| Date well drilling machine moved off of well 10-20 19 81 |
| Well seal—Material used 5 yd of 5 sk readimix | Drilling Machine Operator's Certification: |
| Well sealed from land surface to | This well was constructed under my direct supervision. Meta-sial |
| Diameter of well bore to bottom of seal in. | and into mation reported above are true to my best knowledge and belief |
| Diameter of well bore below seal | [Signed] Orilling Machine Operator) Date 1-4, 19.82 |
| Number of sacks of cement used in well seal | Drilling Machine Operator's License No. 1085 |
| Water Resources letzer re special | |
| standards for use of readimix concrete | Water Well Contractor's Certification: |
| Was pump installed? NO Type Depth ft. | This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. |
| Was a drive shoe used? ☐ Yes X No Plug Size: location ft. | Name Schneider Equipment, Inc. |
| Did any strata contain unusable water? Tyes No | Address 218 River Ad ME St. Paul. Or 9713 |
| Type of Water? depth of sata | |
| Method of sealing strata off | [Signed] Mighen Schneiden |
| Was well gravel packed? Yes \(\subseteq \text{No} \) Size of gravel: \(\frac{1}{2} \) -00ttom | Contractor's License No. 645 Date 1-4 |
| Gravel placed from 20 ft. to ttom ft. | , 19. U. |

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JAN 51982 WATER RESOURCES DEPT. Julian Ruiz

#8112

| Material | From | То | |
|---|------------|------|---|
| Top soil, brown | 0 | 2 | |
| Clay, brown | 2 | 18 | |
| Clay, brownish gray, fine sandy | 18 | 23 | |
| Clay, gray, fine sandy | 23 | 45 | |
| Clay, gray, sticky | 45 | 54 | |
| Clay, blue-green | 54 | 57 | |
| Clay, dark gray | 57 | 58 | |
| Sand, black w/ clay, black, fine, sandy | <i>5</i> 8 | 61 | |
| Clay, black, fine, sandy, soft | 61 | 63 | |
| Gravel, pea size & sand, med black-coarse blk . | 63 | 71 | |
| Sand, black, medium some cemented | 71 | 76 - | |
| Clay, black | 76 | 77 | |
| Sand, med. fine, black some cemented | 77 | 83 | |
| Gravel, pea size & sand, med. coarse | 83 | 85 | |
| Said, fine, black | 85 | 88 | |
| Gravel up to 5" w/ sand, med coarse | 88 | 91 | |
| Clay, dark gray | 91 | 93 | - |
| Clay, blue green, med. hard, dry | 93 | 104 | |
| Clay, greenish brown, fine sandy, dry | 104 | 109 | |
| Gravel up to 3" loosely cemented & sand, med cement | 109 ed | 113 | |
| Gravel, 3" minus w/ sand, med.coarse, brown | 113 | 116 | |
| Gravel, 3" minus w/ sand, coarse, black cemente | d 116 | 120 | |
| Gravel, 5" minus w/ sand, coarse, black cemented | d 120 | 123 | |
| Clay, greenish brown w/ stray gravel | 123 · | 124 | |
| Gravel, 4" minus w/ sand, coarse brown cemented | 124 | 130 | |
| Gravel, 6" minus w/ sand, coarse brown loosely | 130 | 134 | |
| Clay, blue w/ brown streaks, firm cemented | 134 | 136 | |
| Clay, blue, firm | 136 | 141 | |
| Clay, gray, firm | 141 | 145 | |



Water Resources Department MILL CREEK OFFICE PARK

555 13th STREET N.E., SALEM, OREGON 97310

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JAN 51982 WATER PRODURCES DEPT. SAL. N. CREGON

PHONE 378-8455

05/2w-3c

May 24, 1978

Milo Schneider Schneider Equipment, Inc. 21881 River Road N.E. St. Paul, Oregon 97137

Dear Mr. Schneider:

Please accept my apologies for the delay in responding to your recent letter requesting special standards for the use of concrete instead of cement grout as a sealing material in large diameter wells that provide excessive space between the drill hole wall and the outside casing of the well. You are hereby granted special permission to use concrete instead of neat cement with the following provisions and conditions:

- 1) Concrete shall consist of clean, hard, endurable aggregate, and not less than five sacks of Portland cement per cubic yard of concrete. Maximum diameter of the aggregate shall not exceed 3/4 of an inch in diameter.
- 2) If the well bore hole to be sealed is not dry, concrete shall be pumped from the bottom of the seal zone upward in one continuous operation to land surface.
- 3) In the event that the well bore annular space to be sealed is dry, concrete shall be placed through a tremie pipe to prevent segregation of the aggregate and cement mixture and to prevent bridging.
- 4) The space between the sealing surfaces of all casings and between all casings and the bore hole shall exceed 3-inches or more.

Special standards to construct a well as described above shall be considered to apply to all wells constructed in such a manner. Please refer to these special standards on the well reports of all well constructed in this manner.

Sincerely,

WILLIAM B. MCCALL Hydrogeologist

WBM:clh

cc: Clifton R. King, Watermaster, District #16