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STATE OF OREGON

WATER WELL REPORT (as required by ORS 537.765)

WATER RESOURCES DERIK SALEM, OREGON

		(for official use only)		
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(1) OWNER:	(10) LOCATION OF WELL by lea		1:
Name City of Amity		4 of Section25	of
Address P.O. Box 126	Township, Range	(Range is East or West	, WM.
City Amity, OR State 97101	Tax Lot Lot Block Subdivision	. •	, <u></u>
(2) TYPE OF WORK (check):	MAILING ADDRESS OF WELL (or nearest address)		
New Well X Deepening □ Reconditioning □ Abandon □	· -		
If abandonment, describe material and procedure in Item 12.			-
(3) TYPE OF WELL: (4) PROPOSED USE (check):	(11) WATER LEVEL of COMPLI	ETED WELL:	
Rotary Air Driven Domestic Industrial Municipal	Depth at which water was first found	47	ft.
Rotary Mud Dug Irrigation Withdrawal Reinjection	Static level 17 ft. belo	ow land surface. Date	7/9/84
Other:	Artesian pressure lbs.	per square inch. Date	
	(12) WELL LOG: Diameter of well be	low casing backi	filled17
(5) CASING INSTALLED: Steel Plastic Day Welded W	Depth drilled 763 ft. Depth	h of completed well	95 ft.
10 *Diam from +3 ft. to 60 th. Gauge .365	Formation: Describe color, texture, grain size and structure of materials; and show 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 V		
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	water-bearing strata.	-	
LINER INSTALLED: Steel A Plastic Threaded Welded	MATERIAL	From To	SWL
6 Diam from +2 ft. to 32 ft. Gauge 250			
	SEE ATTACHED SHEET		
(6) PERFORATIONS: Perforated? □ Yes 🛣 No			
Size of perforations in. by in.	-		
perforations from ft. to ft.,			
perforations from ft. to ft.			
perforations from ft. to ft.	<u> </u>		
(7) SCREENS: Well screen installed? Yes \(\subseteq \) No			
Manufacturer's Name Universal Oil Products/Johnso	<u> </u>		· -
Type Watermark S.S. Model No.			
Diam. 10 P.S. Slot Size 150 Set from 60.8 ft. to 81.9			
Diam. Slot Size Set from ft. to ft.			<u> </u>
(8) WELL TESTS: Drawdown is amount water level is lowered below static level			
Was a pump test made? ☒ Yes ☐ No If yes, by whom? SEI			
d: 200 gal./min. with 45 ft. drawdown after 8.8 hrs.		-	
150 " 40 " 76.5 "			
Air test — gal./min. with drill stem at — ft. hrs.			u_f= .
Bailer test — gal./min. with — ft. drawdown after — hrs.			<u> </u>
Artesian flow g.p.m			
perature of water — Depth artesian flow encountered ft.		700 /01	
(O) CONCERNICATION.	Date work started 6/6/84/comp		
(9) CONSTRUCTION: Special standards: Yes X No □ Well seal—Material used 10 cu. yd. 5Sk Readimix	Date well drilling machine moved off of well 7	/30	1984
20	(unbonded) Water Well Constructor Certif	ication (if applica	able):
20	This well was constructed under my direct s	upervision. Materia	ls used and
Diameter of well bore to bottom of seal	information reported above are true to pay best l	mowledge and belie	f.
Amount of sealing material	[Signed] Many M. Shougail		, 192
How was cement grout placed? Well was pumped down below			
30'. concrete was then tramied into	(bonded) water well Constructor Certifica	ican State	e Ins.
annular space. See WRD ltr of 5/24/78.	(number) - (Surety Company Name)	
Was pump installed? Yes Type Turbine 20 Depth 91 ft.	On penalt of	elder	
Was a drive shoe used? Yes No Plugs Size: location ft.	H 124	Water Well Constructor)	
Did any strata contain unusable water? 🔲 Yes 🛣 No	This well was drilled under my jurisdiction best of my knowledge and belief BCMPE	and this report is	true to the
Type of Water? —— depth of strata ——	best of my knowledge and belief benne	YET HATTE	COTTO PTT
Method of sealing strata off	(Signed) Stephen Water Well Constr	elle	•••••
Was well gravel packed? X Yes No Size of gravel: 2 3/4	- " /7/3/1/87/	ructor)	,
Gravel placed from30 ft. to103 ft.	(Dated)		

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Schneider Equipment, Inc.
(12) Well Log
City of Amity

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WATER RESOURCES DEPT SALEM, OREGON

0 2 Top Soil	•
0 2 Top Soil 2 10 Clay, Brown	
10 14 Clay, Brown, Silty	
14 18 Clay, Brown, Sticky	
18 24 Clay, Brown, Silty	
24 41 Clay, Brown, Sticky, Soft	
41 44 Clay, Grey, Soft	
44 45 Clay, Grey, Gritty, Med-hard, Sc	ome pea gravel
45 47 Clay, Grey-green, gritty, some	pea gravel
47 49 Clay, green and sand, coarse and	d pea gravel
49 57 Gravel, $1\frac{1}{2}$ minus and sand, coars	
57 63 Gravel, 3/4 minus, rusty and sar	nd, coarse w/clay brown
63 65 Gravel, 3/4 minus and sand, coal	rse w/some clay, brown
65 70 Gravel, 3" minus and sand, coars	
70 74 Gravel, 1" minus and sand, coars	
w/ some clay, green	
74 78 Gravel, 3" minus and sand, coars	
w/clay, green cemen	
78 81 Gravel, 1" minus and sand, coars	se, some wood
81 85 Clay, grey, med.	
85 93 Shale, blue w/thin clay layers	
93 94 Shale, blue-black w/some clay, I	
94 163 Siltstone, black, med-hard.w/occ	casional clay

YAMH 639



Water Resources Department MILL CREEK OFFICE PARK

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

PHONE 378-8455

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,

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WILLIAM B. MCCALL Hydrogeologist

WBM:clh

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