

WASH

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WATER WELL REPORT
STATE OF OREGON

State Well No. 15/30-4cd

MAY 26 1981

010587

WATER RESOURCES DEPT
SALEM, OREGON

Permit No.

(1) OWNER:

Name LLOYD DUYCK - LLOYD-DENE FARMS
Address Rt. 4, Box 338
City Cornelius State Or

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air Driven
Rotary Mud Dug
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal: Withdrawal ReInjection

(5) CASING INSTALLED:

Steel Threaded Plastic Welded

8" Diam. from +2'1" ft. to 82'7" ft. Gauge .250
8" Diam. from 82'7" ft. to 102'8" ft. Gauge .330
102'8" : 115'8" .250
gravel feed
4" Diam. from +1 ft. to 22'2" ft. Gauge .237

(6) PERFORATIONS:

Perforated? Yes No

Type of perforator used milling machine
Size of perforations 3/8 in. by 2 1/2 in.
304 perforations from 82'7" to 102'8"
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name
Type Model No.
Diam. Slot Size Set from ft. to ft.
Diam. Slot Size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

air lift
Swamp test made? Yes No If yes, by whom? SEI
Flow: 250 gal./min. with 27 ft. drawdown after 1 1/2 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.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used 4 yd 5 sk readimix
Well sealed from land surface to 19 ft.
Diameter of well bore to bottom of seal 24 in.
Diameter of well bore below seal 24 in.
Number of sacks of cement used in well seal 20 sacks
How was cement grout placed? See attached Department of Water Resources letter regard special standards for use of readimix concrete
Was pump installed? No Yes Type HP Depth Concrete ft.
Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of Water? _____ depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: 3/4 minus
Gravel placed from 19 ft. to bottom ft.

(10) LOCATION OF WELL:

County Washington Driller's well number 0107
SE 1/4 SW 1/4 Section 4 T. 1S R. 3W W.M.
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____
Address at well location: _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 60 ft.
Static level 5'6" ft. below land surface. Date 4/27/81
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 0

Depth drilled 115 ft. Depth of completed well 107 ft.

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 Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
top soil, brown	0	2	
clay, brown sandy	2	19	
clay, gray, fine sandy	19	60	
sand, black, fine, med	60	63	
clay, green	63	68	
pea gravel & sand, blk med coarse	68	82	
clay, dark green, dry	82	87	
gravel & sand, blk, med	87	90	
gravel & sand, cemented loosely	90	94	
clay, green, gritty and gravel, mixed	94	95	
gravel, pea and sand, coarse	95	102	
clay, green, gritty, dry	102	107	
clay, green, hard	107	115	

Work started 4/7 19 81 Completed 4/27 19 81
Date well drilling machine moved off of well 4-27 19 81

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Donald B. Davis Date 5/20 19 81
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1085

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

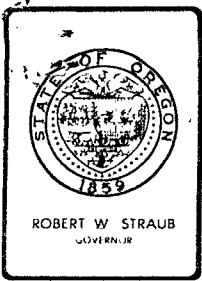
Name Schneider Equipment, Inc.
(Person, firm or corporation) (Type or print)
Address 218 1/2 River Rd. NE, Salem, Or 97137
[Signed] Stephen J. Schneider
(Water Well Contractor)

Contractor's License No. 649 Date 5/20, 19 81

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

SP*12658-690



Water Resources Department
MILL CREEK OFFICE PARK
555 13th STREET N.E., SALEM, OREGON 97310

RECEIVED

MAY 26 1981

WATER RESOURCES DEPT
SALEM, OREGON

PHONE 378-8455

May 24, 1978

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

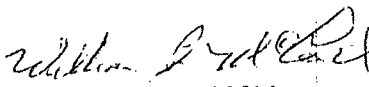
Dear Mr. Schneider:

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, durable 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