

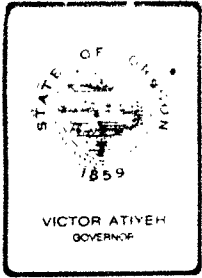
MARI 365

RECEIVED

APR 6 1984

**WATER RESOURCES DEPT
SALEM, OREGON**

PHONE 378-8455



Water Resources Department

MILL CREEK OFFICE PARK

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

February 3, 1984

Stephen J. Schneider
Schneider Equipment
21881 River Road, NE
St. Paul, OR 97137

Dear Mr. Schneider:

Your request for a variance of Well Construction Standards is approved at the Montecucco Well. This well is located at Township 4 South, Range 1 West, Section 9 in Marion County. We will allow the removal of the drilling machine before completion of well construction provided the well be securely covered when unattended.

Sincerely,

R.W. NIMROD
Well Construction Specialist

RW N:wpc

cc: C.R. King

0482C

MARI 365

Virgil Montecucco

8401

(5) Casing & (6) Perforations:

- 6" diam. from +1.1 to 27.3 Gauge .250
- 8" diam. from +1.4 to 124.9 Gauge .250
- 8" diam. from 124.9 to 166.1 Gauge .322 Mill Perf. 640-3/8 x 2½
- 8" diam. from 166.1 to 185.7 Gauge .250
- 12" diam. from +2.2 to 115.7 Gauge .330
- 12" diam. from 115.7 to 136.7 Gauge .375 Mill Perf. 480-3/8 x 2½
- 12" diam. from 136.7 to 156.7 Gauge .250 Torch Perf. 228-3/8 x 6
- 12" diam. from 170.1 to 186.1 Gauge .330

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

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APR 6 1984
 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
 WILLIAM B. MCCALL
 Hydrogeologist

WBM:clh

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

Virgil Montecucco

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WATER RESOURCES DEPT.
SALEM, OREGON

(12)Well Log

<u>From</u>	<u>To</u>	<u>Description</u>
0	3	Top soil, brown
3	39	Clay, brown
39	55	Clay, gray
55	57	Clay, gray, sandy & sandstone, black, fine, sandy
57	58	Sandstone, black, hard
58	59	Clay, brown
59	66	Sandstone, brown, hard
66	75	Sand, brown, fine
75	81	Sand, brown, medium to coarse w/ some $\frac{1}{2}$ minus gravel
81	85	Gravel & sand cemented, brown, 2" minus
85	94	Gravel, 8" minus, cemented w/ some clay, brown
94	96	Sand, brown, fine-medium
96	99	Gravel, 6" minus
99	106	Sand, brown, fine-medium
106	111	Sand, brown, fine & some gravel
111	116	Gravel & sand, 1" minus, some cemented, brown
116	118	Gravel, 6" minus w/ clay, brown
118	120	Clay, gray
120	121	Clay, gray & wood
121	123	Sand, black, medium w/ some small gravel & wood
123	129	Sand, black, medium w/ some $\frac{3}{4}$ minus gravel
129	130	Clay & gravel, gray
130	133	Gravel, $\frac{3}{4}$ minus & sand, black, medium-coarse
133	136	Sand, black, fine-medium
136	139	Gravel, 1" minus and sand, black, medium-coarse
139	142	Gravel & sand, black, coarse
142	149	Gravel, $\frac{3}{4}$ minus w/ some sand, black, coarse
149	154	Gravel, 2" minus & sand, black, medium coarse
154	169	Gravel, 3" minus & sand, black, coarse, some cemented
169	173	Clay, light gray, firm
173	182	Clay, blue-gray, firm
182	186	Clay, blue-green, sandy

For Official Use Only:

Received Date:

1-14-98

County Well Log ID #

MARI 365

Well Identification Tag #

L22967

WELL IDENTIFICATION APPLICATION FORM

BUYER/CURRENT WELL OWNER:

Name:

Elan Corp. Virgil Montencucco Montencucco Farms

Mailing Address:

4120 N Locust % David Zentbauer 121 SW Morrison

City:

Canby

State:

Zip:

97013

Phone: ()

Ste. 1020 Portland, OR 97204

WELL LOCATION:

County:

Marion

Owner's Well Number:

Township:

4

N of S

Range:

1

E or W

Section:

9

1/4 SE 1/4

Tax Lot Number:

Type of Well:

water supply

X

monitoring

Acct # 40745-000

Street Address of Well (if different from above):

WELL INFORMATION: (do not complete remainder of application if well log is available)

Start Card Number:

Approx. Construction Date:

Well Constructor:

Name of Owner at Time of Construction:

Well Depth (in feet):

Static Water Level (in feet):

Diameter of Exposed Well Casing (in inches):

Does this well have a formal water right associated with it? Yes:

No:

If Yes: Application #:

Permit #:

Certificate #:

68450

Please Return Completed Form to:

Lisa Juul Well Identification Program Oregon Water Resources Department 158 12th Street NE Salem, OR 97310