

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

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED

MAR 20 1978

State Well No. 258/34E-16ba

State Permit No.

WATER RESOURCES DEPT.

(1) OWNER:

Name R.H. EMERSON & SON
Address P.O. Box 130
ARCATA, CALIFORNIA 95521

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☐
" Diam. from 1 1/2 ft. to 2 3/4 ft. Gage 250
" Diam. from — ft. to — ft. Gage —
" Diam. from — ft. to — ft. Gage —

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used SAW CUT
Size of perforations 1/8 in. by 3 in.
2340 perforations from 121 ft. to 221 ft.
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

Was a pump test made? ☒ Yes ☐ No If yes, by whom? AG CENTER

Yield: 900 gal./min. with 114 ft. drawdown after 6 hrs.

Bailer test — gal./min. with — ft. drawdown after — hrs.

Artesian flow — g.p.m. —

Temperature of water 50° Depth artesian flow encountered — ft.

(9) CONSTRUCTION:

Well seal—Material used PORTLAND CEMENT TYPE II
Well sealed from land surface to 21 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 16 in.
Number of sacks of cement used in well seal 20 sacks
How was cement grout placed? GRAVITY FLOW

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: —

Gravel placed from — ft. to — ft.

(10) LOCATION OF WELL:

County HARNEY Driller's well number —
NE 1/4 NW 1/4 Section 16 T. 25S. R. 34E W.M.

Bearing and distance from section or subdivision corner
2100 FT. EAST 1200 FT. South of
N.W. CORNER Section 16

(11) WATER LEVEL: Completed well.

Depth at which water was first found 58 ft.

Static level 18 ft. below land surface. Date 3/26/78

Artesian pressure — lbs. per square inch. Date —

(12) WELL LOG:

Diameter of well below casing 12"

Depth drilled 370 ft. Depth of completed well 340 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
BROWN CLAYISH SOIL	0	3	—
BROWN CLAY CONGL.	3	10	—
TAN CLAY	10	41	—
BROWN CLAY	41	58	—
W/B BROWN CLAY CONGL(S)	58	141	18'
W/B BROWN CLAY CONGL(M)	141	255	18'
W/B FINE BLACK SAND	255	271	18'
W/B MED. BLACK SAND	271	311	18'
W/B GRAY GREEN Cubed CLAY	311	370	18'

Work started 2/16 19 78 Completed 3/2 19 78

Date well drilling machine moved off of well 3/2 19 78

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] William J. Dendy Date 3/26, 1978
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1042

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 AQUA IRRIGATION DRILLING INC.
(Person, firm or corporation) (Type or print)

Address P.O. Box 1310, LAKEVIEW, OR 97630

[Signed] William O. Williams
(Water Well Contractor)

Contractor's License No. 665 Date 3-26, 19 78