

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

RECEIVED
WATER WELL REPORT YAMH
STATE OF OREGON
WATER RESOURCES DEPT.
SALEM, OREGON
MAR 26 1976
547 RE
WELL #1

33
State Well No. 45/3W-23
State Permit No. G-6697

STATE ENGINEER, SALEM, OREGON
within 30 days from the date
of well completion.

(1) OWNER:

Name Gray & Co.
Address P.O. Box 218
Forest Grove, Oregon 97116
APR 8 - 1976

(10) LOCATION OF WELL:

County YAMHILL Driller's well number
NE 1/4 SE 1/4 Section 23 T. 4S R. 3W W.M.
Elev and distance from section or subdivision corner

(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

(5) CASING INSTALLED:

Threaded Welded
12" Diam. from plus 2 ft. to 173 ft. Gage 1250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? Yes No.
Type of perforator used
Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? Yes No
Manufacturer's Name Johnson
Type stainless 304 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? driller
450 gal./min. with 92 ft. drawdown after 12 hrs.
" " " " " "
" " " " " "
Baller test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used cement grout
Well sealed from land surface to 30 ft.
Diameter of well bore to bottom of seal 17 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 35 sacks
Number of sacks of bentonite used in well seal none sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons of water lbs./100 gals.
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.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 91 ft.
Static level 46 ft. below land surface. Date 3/24/76
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 10 inch
Depth drilled 283 ft. Depth of completed well 275 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
soil silty brown	0	2	
sandy clay brown	2	31	
clay blue gray	31	34	12
silty sand gray	34	54	12
silty sand fine brown	54	64	
clay silt blue gray	64	88	
sand blue gray fine	88	91	
clay brown	91	101	
clay blue	101	131	
clay brown	131	148	
sandy clay gray	148	149	
sand gravel water	149	151	45
clay blue hard	151	160	46
clay yellow	160	173	43
sand water gray fine med	173	180	45
sand gravel 3/8 minus	180	187	46
clay blue	187	201	
sand fine	201	207	
silty sand blue	207	212	

Work started Jan 7 19 76 Completed March 26 19 76
Date well drilling machine moved off of well 3/26/76 19

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 P. [Signature] Date 3/24, 1976
(Drilling Machine Operator)
Drilling Machine Operator's License No. 574

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 Zent Drilling, Inc. (Person, firm or corporation) (Type or print)
Address 7310 St. Johns Vancouver, Wn. 98665
[Signed] [Signature] (Water Well Contractor)
Contractor's License No. 228 Date 3/26/76, 19

#7 Screens: continued

Screens are all 8 inch pipe size - all #18 slot

200 ft	to	206 feet	blank pipe
206		216	screen
216		225	blank pipe
225		235	screen
235		257	Blank pipe
257		267	screen
267		280	blank pipe
280		310	screen
310		325	blank pipe

Figure "K" packers used.

12 Well Log:

223	232	50	silty sand gray
232	234		silty sand gray sticky
234	235		sand & 3/8 minus gravel gray
235	245	50	silty sand gray
245	251		clay firm gray
251	253		clay softer gray
253	256		silty fine sand gray
256	267	50	medium to coarse sand gray
267	274		clay gray
274	276		clay brown
276	280		silty sand gray brown
280	289		silty sand w/ 3/8 minus gravel gray
289	292	50	gravel and sand gray
292	293		gravel
293	294		sand gray
294	309	50	gravel lightly cemented gray brown
309	325		clay gray

May 17, 1979

Results of pump test.

Time	GPM	W.L.	DRAWDOWN
1:15			
pump turned on			
1:25	100	67 feet	17 feet
1:30	100	79	29
1:35	100	83	33
1:40	100	85	35
1:45	100	87	37
2:00	95	89½	39½
2:05	170	116	66
2:15	155	122	72
2:30	160	126-9	76-9
2:45	180	140	90
3:00	180	144-6	94-6
3:28	195	146-8	96-8
3:50	183	148	98
4:20	230		
4:25	230	172	122
4:30	230	172-3	122-3
4:35	235	172-4	122-4
4:45	235	173	123-9
5:00	235	173-1	123-9
5:25	235	174-4	124-4
5:55	235	174-9	124-9
6:30	235	175-9	125-9
7:15	235	176-4	126-4
8:15	235	176-8	126-8
9:15	235	177	127
9:18		105	
9:19		85	
9:20		80	
9:21		76	
9:22		73	
9:23		71	
9:24		69-6	
9:25		68-6	
9:26		67-9	
9:27		67	
9:28		66½	
9:29		66	
9:30		65½	
9:31		65	
9:32		64½	
9:33		64	
9:59		57½	
10:00		57-3	
10:01		56-9	
10:04		56-5	
10:10		55-9	
10:15		55-1	

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9:19		85	
9:20		80	
9:21		76	
9:22		73	
9:23		71	
9:24		69-6	
9:25		68-6	
9:26		67-9	
9:27		67	
9:28		66 $\frac{1}{2}$	
9:29		66	
9:30		65 $\frac{1}{2}$	
9:31		65	
9:32		64 $\frac{1}{2}$	
9:33		64	
9:59		57 $\frac{1}{2}$	
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