

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

RECEIVED
MAY 4 - 1972

WATER WELL REPORT

STATE OF OREGON

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

STATE ENGINEER
SALEM, OREGON

(Do not write above this line)

UMAT
4117

State Well No. 6N/34-23db

State Permit No.

(1) OWNER:

Name Howard L. Muller
Address Box 306 Helix, Ore. 97835

(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 ☒
10" Diam. from 0 ft. to 79'1" ft. Gage 1250
" Diam. from " ft. to " ft. Gage
" Diam. from " ft. to " ft. Gage

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used Acetylene
Size of perforations 1/2 in. by 8 in.
46 perforations from 20 ft. to 64 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? L. Marlett
Yield: gal./min. with ft. drawdown after hrs.
100 " 120 " 5 "
" " " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water 56 Depth artesian flow encountered " ft.

(9) CONSTRUCTION:

Well seal—Material used Bentonite
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 14 in.
Diameter of well bore below seal 14 in.
Number of sacks of cement used in well seal 4 sacks
Number of sacks of bentonite used in well seal 4 sacks
Brand name of bentonite Spinks
Number of pounds of bentonite per 100 gallons of water 75 lbs./100 gals.
Was a drive shoe used? ☒ Yes ☐ No Plugs No 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: 3/4-1 1/2
Gravel placed from 20 ft. to 34 ft.

(10) LOCATION OF WELL:

County Umatilla Driller's well number
NW. 1/4 SE 1/4 Section 23 T. 6N R. 34E W.M.

Bearing and distance from section or subdivision corner
well located 988 ft E 1252 ft N
of property SW corner.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 35 ft.
Static level 19'-6" ft. below land surface. Date 9 March 72
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 10
Depth drilled 153 ft. Depth of completed well 151 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 clay	0	32	
conglomerate	32	35	
Med Gravel (some water)	35	39	
Med Gravel with Med coarse			
Black Sand water bearing.	39	47	19-6
Brown Cement Gravel	47	50	
Med Gravel caving.	50	51	
Brown Cement Gravel	51	112	
cleaner Med Gravel			
possibly some water.	112	115	19-6
Med Gravel Very clean	115	122	19-6
Brown Cement Gravel	122	133	
cleaner (some water)	133	134	
Cement Gravel	134	140	
cleaner possibly some water	140	141	
Brown Cement Gravel	141	153	19-6

Work started Feb. 22 1972 Completed March 9 1972
Date well drilling machine moved off of well March 11 1972

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] Lowell W. Marlett Date March 4, 1972
(Drilling Machine Operator)

Drilling Machine Operator's License No. 11

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 Lowell W. Marlett (Type or print)
(Person, firm or corporation)

Address RT# 2 Box 111A Milton Freewater, Ore.

[Signed] Lowell W. Marlett (Water Well Contractor)

Contractor's License No. 265 Date March 11, 1972