

STATE ENGINEER, 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

JUL 9 1974

State Well No.

6N/34E-23ac

STATE ENGINEER

State Permit No.

SALEM, OREGON

G-6607

(1) OWNER:

Name Howard Muller
Address Box 306 Helix, Ore.

(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 ☒

10" Diam. from 0 ft. to 169 ft. Gage 250
" Diam. from 0 ft. to 169 ft. Gage 250
" Diam. from 0 ft. to 169 ft. Gage 250

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used Machine Milled
Size of perforations 1/4 in. by 3 in.
5700 perforations from 25 ft. to 168 ft.
perforations from 25 ft. to 168 ft.
perforations from 25 ft. to 168 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: 500 gal./min. with 7 ft. drawdown after 5 hrs.
" " " " " "

Bailer test 500 gal./min. with 7 ft. drawdown after 5 hrs.

Artesian flow 500 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 19 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal _____ sacks
Number of sacks of bentonite used in well seal 4 sacks
Brand name of bentonite National
Number of pounds of bentonite per 100 gallons
of water 80 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: 1 1/2 x 1/4
Gravel placed from 18 ft. to approx. 150 ft.

(10) LOCATION OF WELL:

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

Bearing and distance from section or subdivision corner

Well located 3065' N 1660 W
of S.E. corner of Sec. 23

(11) WATER LEVEL: Completed well.

Depth at which water was first found 17 ft.

Static level 10 ft. below land surface. Date June 28 74

Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12

Depth drilled 201 ft. Depth of completed well 200 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
Topsoil & Brown clay	0	19	12 1/2
Gravel - Cement - Brown	19	71	12 1/2
Clay - Brown	71	72	
Gravel - Cement - Brown	72	81	12 1/2
Gravel some cleaner (water)	81	83	10
Gravel - Cement - Brown	83	101	10
Clay - Brown	101	104	
Gravel Cemented - Brown	104	116	
Gravel - Med. Cleaner (some water)	116	119	10
Gravel Cement Brown	119	142	
Clay - Brown	142	151	
Gravel Cement - Brown (u)	151	169	
Clay - Brown	169	172	
Gravel Cement - Brown	172	178	10
Clay - Brown	178	180	
Gravel - Cemented - Brown	180	187	
Gravel Cement - Brown	187	201	10
12" Drilled To 201			
10" per liner set at 169'			

Work started May 20 19 74 Completed June 9 19 74

Date well drilling machine moved off of well June 28 19 74

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 M. Marlett Date June 10, 1974
(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 Box 111A Milton Freewater, Ore.

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

Contractor's License No. 265 Date June 10 19 74