

Approved:



# MEMO

**To:** Kristopher Byrd, Well Construction Manager  
**From:** Tommy Laird, Well Construction Program Coordinator  
**Subject:** Review of Water Right Application G-19257  
**Date:** August 27, 2024

The attached application was forwarded to the Well Construction Section by the Groundwater Section. Mitra Khadka and Travis Brown reviewed the application. Please see Mitra's and Travis' Groundwater Review and the Well Report.

Applicant's Well # "Well 1" (MARI 1697): Based on a review of the Well Report, Well 1 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that according to the Water Supply Well Report, the well is sealed with an unapproved grout. Additionally, the Well Report indicates that the well head is flush with land surface. In order to meet minimum well construction standards, the must be resealed with an approved grout and the well head must be extended so that it is at least one-foot above land surface.

My recommendation is that the Department **not issue** a permit for Well 1 unless it is brought into compliance with current minimum well construction standards or information is provided showing that it is constructed to meet current minimum well construction standards.

The construction of Well 1 may not satisfy hydraulic connection issues.

Applicant's Well # "Well 2" (Proposed): Well 2 is a proposed well, therefore it cannot be reviewed for construction. Construction of this proposed well shall be completed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240. During construction of this well, specific attention should be paid to ensure sealing requirements are met and that the well does not commingle aquifers.

The construction of proposed Well 2 may not satisfy hydraulic connection issues.

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

STATE ENGINEER, SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

**RECEIVED** **RECEIVED**  
STATE ENGINEER REPORT MAY 21 1973  
STATE ENGINEER  
SALEM, OREGON  
State Well No. 581W-9  
State Permit No. \_\_\_\_\_  
STATE ENGINEER  
SALEM, OREGON

**(1) OWNER:**

Name Warsenafi To van  
Address 343 Bethlehem St  
MerVIS OR.

**(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   
 Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**(5) CASING INSTALLED:**

Threaded  Welded   
8" Diam. from 0 ft. to 135 ft. Gage 250  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**(6) PERFORATIONS:**

Perforated?  Yes  No.  
Type of perforator used STAR  
Size of perforations 3/8 in. by 1 1/2 in.  
240 perforations from 125 ft. to 133 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?  
180 gal./min. with 36 ft. drawdown after 9 1/4 hrs.  
" " " " " "  
" " " " " "  
Baller test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
\_\_\_\_\_ g.p.m.  
Temperature of water 53 Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used Bentonite Cement  
Well sealed from land surface to 28 FT ft.  
Diameter of well bore to bottom of seal 12 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal 8 sacks  
Number of sacks of bentonite used in well seal 1 sacks  
Brand name of bentonite EASTERN OREGON 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.

**(10) LOCATION OF WELL:**

County Marrion Driller's well number \_\_\_\_\_  
Tax Lot 3 age Section 9 T. 5 S R. 1 W W.M.  
Bearing and distance from section or subdivision corner  
Near center of south side of field

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 96 ft.  
Static level 23 ft. below land surface. Date 4-30-73  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing \_\_\_\_\_  
Depth drilled 135 ft. Depth of completed well 135 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	0	3	
Brown clay	3	19	
Brown clay & silt	19	21	
Blue clay	21	28	
Blue silt	28	58	
Blue clay	58	84	
Fine Black sand	84	94	
Black sand (course 1)	94	116	
Sand & gravel	116	124	
Course gravel	124	133	
Cement gravel	133	135	

Work started 4-28 1973 Completed 5-5 1973  
Date well drilling machine moved off of well 5-5 1973

**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] John W. Beck Date 5-5, 1973  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 497

**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 John W. Beck Well Drilling  
(Person, firm or corporation) (Type or print)

Address 110 S. 4th Lane Dr. Canby Ore

[Signed] John W. Beck  
(Water Well Contractor)

Contractor's License No. 449 Date 5-5, 1973

95215



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Application for
Well ID Number
RECEIVED

DEC 20 2007

WATER RESOURCES DEPT
SALEM, OREGON

Do not complete if the well already has a Well I.D. Number.

I. OWNER INFORMATION

Current Owner Name (please print): Gregory Dubenko
Mailing Address: 717 Gatch St
City, State, Zip: Woodburn OR 97107
Mailing Address (to send Well I.D.):
City, State, Zip:

II. WELL INFORMATION (Do not complete this section if the well report is attached.)

Township: 5 (North/South) Range: 1 (East/West) Section: 9
Tax Lot: 500 County Marion 1/4 1/4
Street Address of Well, City: 2255 McCalla Rd NE
Owner at time the well was constructed, (if known):
If the property had a different street address in the past:

III. GENERAL WELL INFORMATION (Do not complete this section if the well report is attached)

Use of Well (domestic, irrigation, commercial, industrial, monitoring):
Date Well Constructed: Total Well Depth: Casing Diameter:
Other Information:

SUBMITTED BY (please print): Gregory Dubenko
PHONE: FAX:

Send application to Oregon Water Resources Department; 725 Summer Street NE, Suite A; Salem, Oregon 97301-1266; fax (503) 986-0902. Applications are processed and Well I.D. Numbers are mailed every Tuesday.

For Official Use Only by the Oregon Water Resources Department:
Received Date: Well Log Number: Mari 1697 Well Identification #: L95215