

Approved: 

MEMO

To: Kristopher Byrd, Well Construction and Compliance Section Manager
From: Tommy Laird, Well Construction Program Coordinator
Subject: Review of Water Right Application G-19172
Date: June 2, 2022

The attached application was forwarded to the Well Construction and Compliance Section by the Groundwater Section. Joe Kemper reviewed the application. Please see Joe's Groundwater Review and the Well Reports.

Applicant's Well #1 (JACK 1952): Based on a review of the Well Report, Applicant's Well #1 does not appear to comply with current minimum well construction standards (See OAR 690 Division 210). The problem is that the Well Report indicates that the well head is flush with land surface. In order to meet minimum well construction standards, 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 Applicant's 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.

Bringing Applicant's Well #1 (JACK 1952) into compliance with minimum well construction standards 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

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

WATER WELL REPORT

RECEIVED
STATE OF OREGON
(Please type or print)

(Do not write above this line)

JACK 1952

State Well No. 345/4W-15CA
State Permit No. _____

(1) OWNER:

Name Mildred Mac Arthur
Address 6943 Pleasant Cr
ROGUE RIVER, OREGON

(10) LOCATION OF WELL:

County JACKSON Driller's well number _____
Section 15 T. 34 R. 4W W.M.

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

(4) PROPOSED USE (check):

Rotary Driven Domestic Industrial Municipal
Cable Jetted Irrigation Test Well Other
Dug Bored

(5) CASING INSTALLED:

Threaded Welded
6" Diam. from 0 ft. to 20 ft. Gage 120
" 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 _____ Model No. _____
Type _____
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 ^{AIR} pump test made? Yes No If yes, by whom? DRILLER
Yield: 30 gal./min. with _____ ft. drawdown after 1 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 CEMENT
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 10 in.
Diameter of well bore below seal 7 in.
Number of sacks of cement used in well seal 7 sacks
How was cement grout placed? PUMPED

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 116 ft.
Static level 29 ft. below land surface. Date 9/5/78
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 6 ft.
Depth drilled 125 ft. Depth of completed well 125 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
<u>DECOMPOSED GRANITE</u>	<u>0</u>	<u>12</u>	
<u>TOMBSSTONE GRANITE</u>	<u>12</u>	<u>125</u>	<u>29'</u>
<u>AQUIFER</u>	<u>116</u>	<u>121</u>	<u>30g/m</u>

Work started 9/4 1978 Completed 9/5 1978
Date well drilling machine moved off of well 9/5 1978

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] D.L. Orent Date 9/5, 1978
(Drilling Machine Operator)

Drilling Machine Operator's License No. 810

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 PAQUIN WELL DRILLING
(Person, firm or corporation) (Type or print)

Address 1840 W. Flow Ln, GRANTS PASS, ORE

[Signed] Robert E. Quinn
(Water Well Contractor)

Contractor's License No. 675 Date 9-6, 1978