



# Oregon

John A. Kitzhaber, M.D., Governor

## Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97310-0210  
(503) 378-3739  
FAX (503) 378-8130

February 27, 1998

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Gene Mack  
Mack Drilling Co., Inc.  
PO Box 12067  
Salem, OR 97309-0067

Dear Gene:

Please find enclosed a copy of the following approved special standards:

Randy Fery Farms

This well may be deepened into the basalt formation directly underlying the alluvial system with the following conditions:

1. The basalt must be well-broken and connected with the alluvial formation.
2. The static water level from any water encountered in the basalt must be the same as that from the alluvial formation.
3. Deepening must stop if any unfractured basalt is encountered.
4. Drilling shall not penetrate more than 20 feet into the basalt formation.

If you have any questions concerning this letter, please contact me at the address or phone number listed above, or by e-mail at [Robert.L.Carter@wrđ.state.or.us](mailto:Robert.L.Carter@wrđ.state.or.us).

Sincerely,

Rob Carter

Well Construction Specialist

cc: Richard Edwards, Well Inspector

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# STATE OF OREGON WATER RESOURCES DEPARTMENT

## REQUEST FOR WRITTEN APPROVAL TO USE CONSTRUCTION METHODS NOT INCLUDED IN THE RULES AND REGULATIONS PRESCRIBING GENERAL STANDARDS FOR THE CONSTRUCTION AND MAINTENANCE OF WELLS IN OREGON

Before approval can be considered the following questions must be answered.

Requests shall be submitted to the Watermaster Division, 158 12th Street NE Salem, Oregon 97301.

Date: 2-11-98

Well Constructor: Mack Drilling Co. Inc.  
1345 20th Str SE Salem, OR 97302

(1) Location of Well: SW 1/4 SE 1/4 of Section 15,

Township 9S, Range 1W, Linn County.

Address at well site or nearest known address: 41579 Stayton Scio Rd.  
Stayton, OR.

(2) Name and address of Landowner: Randy Fery Farms  
41391 Kingstone Jordan Rd.  
Stayton, OR 97393

(3) The distance to the nearest well and septic drainfield: Over 300 feet  
Nearest Septic Around 400 to Nearest Well

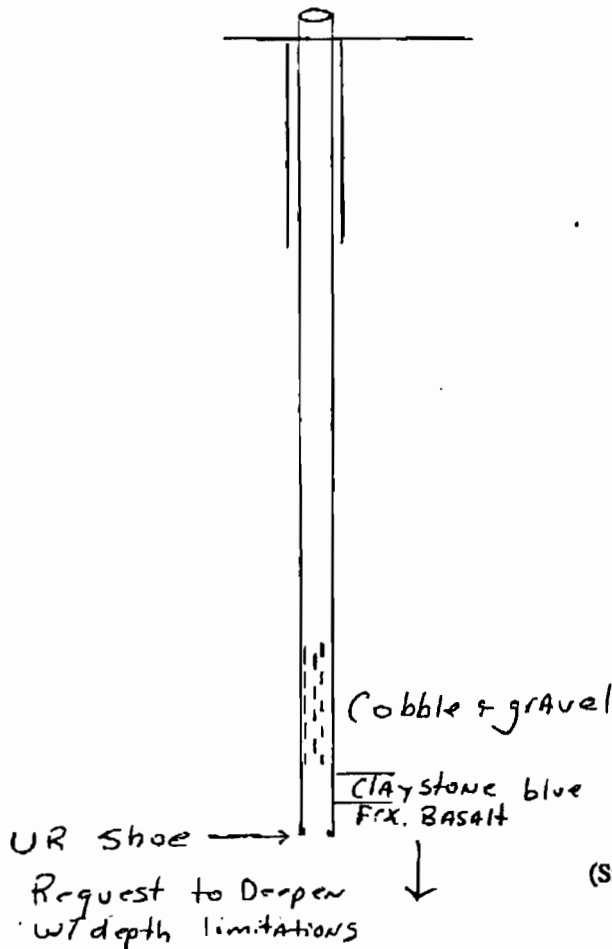
(4) The unusual conditions existing at the well site: Unable to obtain  
Adequate Amount of water.  
Well ID # 9154.

(5) The proposed construction methods that the well constructor or landowner constructing the well believes will be adequate for his particular well:

We completed the well just into  
fractured BASALT. We would like to  
deepen into the rock as we did  
on another well we deepened into  
BASALT but found no more water than  
we had in the Alluvials

W-OT  
88833

(6) A diagram showing the pertinent features of the proposed well design and construction (attach an additional sheet if necessary):



Owner is a little shy of obtaining the amount of GPM's needed for farming operation, even by combining both wells. Well # 9154 & well # 3139.

(Signed) Eugen D. Ulsch  
(WELL CONSTRUCTOR)

**For Water Resources Department Use Only**

Date: 2-27-98

Approved By: [Signature]

Denied By: \_\_\_\_\_

Remarks: see attached letter

**NOTE:**

- (1) If approval, all other phases of construction must be in compliance with State Well Construction Standards.
- (2) If it should be determined at some future date that the well, due to its construction, is offering an avenue for pollution of the ground water body, it will be necessary for you to return to the site to correct any well deficiencies.