

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-14198

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: T1S/R21E-14

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Use condition 7B.

Reviewer: Michael Zwart

TO: Water Rights Section
FROM: Groundwater/Hydrology Section Michael Zwart April 9 1996
SUBJECT: Application G- 14198 Reviewer's Name

GROUNDWATER/SURFACE WATER CONSIDERATIONS

- 1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a groundwater source hydraulically connected to the surface water.

- 2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
a. ___ will, or _____ have the potential for substantial interference with the nearest
b. ___ will not _____ surface water source, namely _____; or
c. will if properly conditioned, adequately protect the surface water from interference:
 i. The permit should contain condition #(s) FJ;
 ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 iii. ___ The permit should be conditioned as indicated in item 4 below; or
d. ___ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

- 3. BASED UPON available data, I have determined that groundwater for the proposed use
a. ___ will, or _____ likely be available in the amounts requested without injury to prior rights
b. ___ will not _____ and/or within the capacity of the resource; or
c. will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 i. The permit should contain condition #(s) FB;
 ii. ___ The permit should contain special condition(s) as indicated in "Remarks" below;
 iii. ___ The permit should be conditioned as indicated in item 4 below; or

- 4. a. ___ THE PERMIT should allow groundwater production from no deeper than _____ ft. below land surface;
b. ___ The permit should allow groundwater production from no shallower than _____ ft. below land surface;
c. ___ The permit should allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;
d. ___ Well reconstruction is necessary to accomplish one or more of the above conditions.
e. ___ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: _____

(Well Construction Considerations on Reverse Side)

WELL CONSTRUCTION (If more than one well doesn't meet standards, attach an additional sheet.)

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:
- a. ___ review of the well log;
 - b. ___ field inspection by _____;
 - c. ___ report of CWRE _____;
 - d. ___ other: (specify) _____
6. THE WELL construction deficiency:
- a. ___ constitutes a health threat under Division 200 rules;
 - b. ___ commingles water from more than one groundwater reservoir;
 - c. ___ permits the loss of artesian head;
 - d. ___ permits the de-watering of one or more groundwater reservoirs;
 - e. ___ other: (specify) _____
7. THE WELL construction deficiency is described as follows: _____
8. THE WELL
- a. ___ was, or constructed according to the standards in effect at the time of
 - b. ___ was not original construction or most recent modification.
 - c. ___ I don't know if it met standards at the time of construction.

RECOMMENDATION:

- A. ___ I recommend including the following condition in the permit:
"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."
- B. ___ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.
- C. ___ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

I concur in G/H's recommendation A or B above relating to conditioning or withholding the permit

_____, 199____
(Signature)

I do not concur in G/H's recommendation A or B above relating to conditioning or withholding the permit for the following reasons: _____

_____, 199____
(Signature)

WATER WELL REPORT
STATE OF OREGON

RECEIVED

NOV 13 1995

WATER RESOURCES DEPT.

SALEM, OREGON

RECEIVED

OCT 30 1995

State Permit No. GILL 50091

(1) OWNER:

Name Carroll Olson
Address Box 103
City WELLS State Ore.

(10) LOCATION OF WELL:

County Gilliam Driller's well number
SW 1/4 NE 1/4 Section 17 T.15 R.1E W.M.
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Gravity Artesian Cased Open

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other
Thermal Withdrawal Rejection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded
Diam from _____ ft. to _____ ft. Gauge _____
Diam from _____ ft. to _____ ft. Gauge _____

LINER INSTALLED:

Diam from _____ ft. to _____ ft. Gauge _____

(6) PERFORATIONS:

Perforated? Yes No
Type of perforation _____
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 _____
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? _____
Yield _____ gal/min. with _____ ft. drawdown after _____ hrs.
Air test _____ gal/min. with drill stem at _____ ft. _____ hrs.
Boiler test _____ gal/min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.

(9) CONSTRUCTION:

Special standards: Yes No
Well seal—Material used PORTLAND CEMENT
Well sealed from land surface to 19 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 10 sacks
How was cement grout placed? pumped
Was pump installed? NO Type _____ HP _____ Depth _____ ft.
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.

Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found 14 ft.
Static level 147 ft. below land surface. Date _____
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing _____
Depth drilled _____ ft. Depth of completed well _____ 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
Soil	0	14	
Brown Basalt	14	38	
BLACK BASALT	38	42	
Black Basalt + Green Talc	42	54	
BLACK BASALT	54	84	
STONED BASALT	84	86	
Black Basalt	86	114	
BLACK BASALT	114	120	
BLACK BASALT	120	167	
Brown Soil & Sand	167	173	11.0
Black Basalt	173	237	
Brown Soil & Sand	237	280	11.0
Black Basalt	280	285	

Work started 9-23 1982 Completed 9-25 1982
Date well drilling machine moved off of well 9- 1982

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] _____ Date 9-26, 1982
(Drilling Machine Operator)
Drilling Machine Operator's License No. 1345

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 Wells & Water Drilling
(Name, firm or corporation) (Type or print)
Address 1511 2nd St SW
[Signed] _____
(Water Well Contractor)
Contractor's License No. 739 Date 9-26, 1982

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.

SP-12658-690