

M: Groundwater/Hydrology Section Meyer
Reviewer's Name

JECT: Application G- 12610

PER THE Malheur Lake Basin rules, one or more of the proposed POA's is within _____ mile of a surface water source and taps a groundwater source hydraulically connected to the surface water.

N/A

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 surface water
- b. ___ will not } source, namely Silvies River; or
- c. will, if properly conditioned, adequately protect the surface water from interference:
 - i. The permit should contain condition #(s) YA;
 - 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 water from substantial interference.

BASED UPON available data, I have determined that groundwater for the proposed use

- a. will, or }
- b. ___ will not } likely be available in the amounts requested without injury to prior rights; or
- c. ___ can, if properly conditioned, avoid injury to existing rights or to the groundwater resource;
 - i. ___ The permit should contain condition #(s) _____;
 - 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.

01921-9

- 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: _____

STATE OF OREGON
WATER RESOURCES DEPARTMENT

INTEROFFICE MEMO

TO: FILE G-12

DATE: 9/11 -91

FROM: SARAH C MEYER

SUBJECT: SURFACE/GROUND WATER CONSIDERATIONS

The applicant seeks 1.666 cfs from a well for irrigation of 133.1 acres in Silvies River Basin
Per Division 9 747 gpm

T23S/R30E Sec 1

FACTS

The well locations and aquifer display the following: 2000'

- 1) The well is located 1800 ' from Silvies River
- 2) The well is 242 ' deep and develops water from _____ layers.
The well log is in the file.
- 3) The static water level for the well from the log was _____ feet on _____
- 4) The approximate elevation at the well is 4140 feet.
- 5) The nearby stream reach elevation is about 4130 feet. 30'
- 6) WSP #110 describes groundwater conditions in the area of the application.
- 7) A pump test on the well produced _____ gpm with _____ feet of drawdown after _____ hours.

CONCLUSIONS

- 1) The head at the well is about _____, indicating a _____ standing than the nearby stream reach.
- 2) The well develops water from Rock
- 3) Based on requested rate, heads, distances, general geologic environment and logged materials, I conclude that the alluvial aquifer is confined, hydraulically connected to the above mentioned river and _____ the potential to cause substantial interference.

no well log

> 1/4 mile
747 gpm

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-12610

ROUTED TO: Water Rights

TOWNSHIP/
RANGE-SECTION: T23S/R30E-1

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Recommend current Condition 7B

Reviewer: Michael Zwart

JAN 16 1992

WATER AVAILABILITY REPORT-SURFACE WATER APPLICATION

Name of Applicant Burns Painted Indian Res. Application Number 6-12610

1. To your knowledge, has the stream or basin that is the source for this application ever been regulated for prior rights?

Yes X No _____

If yes, please explain.

Silvies River is within 3/8 mile of this well and is regulated every year.

2. Has the stream or basin that is the source for this application ever been regulated for minimum streamflows?

Yes _____ No X

If yes, please explain.

3. Do you observe this stream system during regular field work?

Yes X No _____

If yes, what are your observations for the stream.

4. Based on your observations, would there be water available in the quantity and at time needed to supply the development proposed by this application.

Yes X No _____ Don't Know _____

What would you recommend for conditions on a permit, that may be issued approving this application?

I have personal knowledge of this well and it has been doing the job. The Indians didn't think they needed a Water Right until I enforced the law last year

5. Any other recommendations you would like to make?

Only normal interference conditions

Signature William H. Beal WM District # 10 Date 1-13-92