

MEMORANDUM

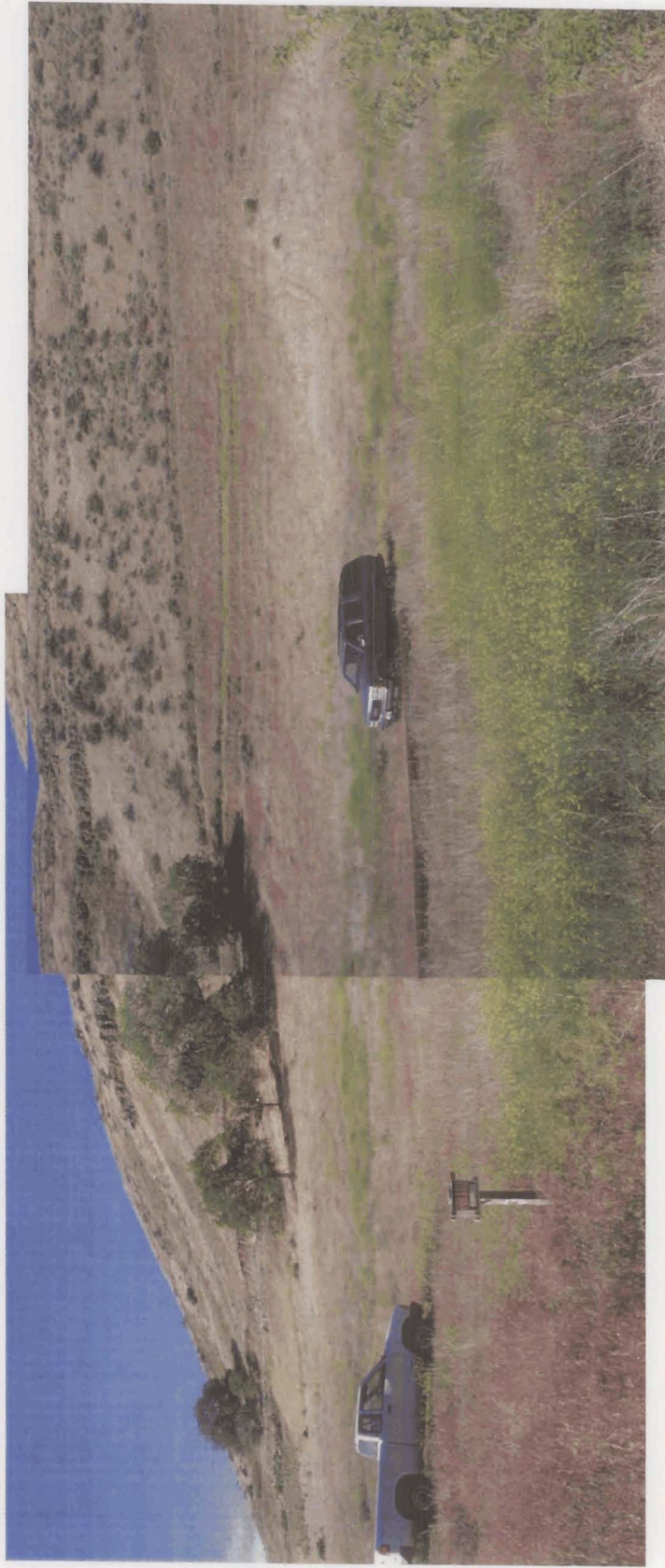
Date: June 04, 2004
To: Water Right File 47-17127
From: jstanton
Re: Comment/Analysis

Today I visited the subject property accompanied by the applicant. I GPSd the well and took photos. Bridges said that he recently used some type of flow meter to measure the well output at about 30 gpm. He opened up a valve on top of the well while I was there, and water squirted out. This is a very hot and dry area just south of the Snake River. Geothermal water runs close to the land surface in this area, and cold groundwater is hard to find. The applicants want to build a home on the property in a few years, but want to establish some trees there first. Although some waste water is available for irrigation on an intermittent basis, they will need to use the well as the main water source for the trees. A drip/sprinkler system is planned for maximum efficiency of water use. Once the home is built, the geothermal water would be used for heating and culinary purposes as much as possible before being used for watering the trees.

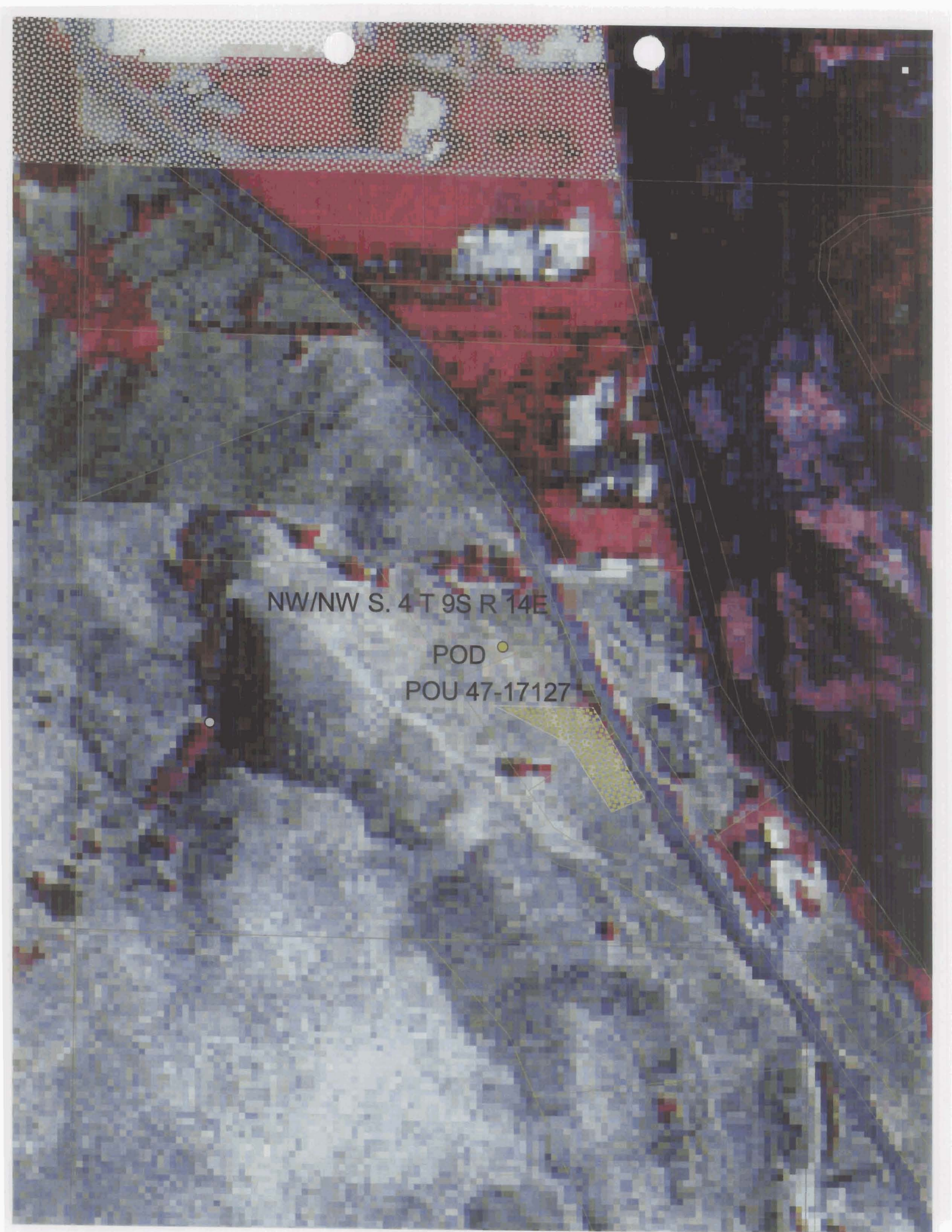
Pending comments from the Banbury Hot Springs GWMA committee, this application appears to be approvable under the GWMA rules.



Existing Geothermal Well On Lot 2 Oregon Trail Subdiv.
App For Permit 47-17127 By J E Stanton 6-4-04



General View of Proposed POU Looking SW from NE Corner of Property
Apps For Permit 47-17127 & 17128 Matthew Bridges By J E Stanton 6-4-04

An aerial photograph of a landscape, possibly a wetland or marsh. A large, irregularly shaped area in the upper left is filled with a red stippled pattern. To the right of this area is a dark, almost black region. Below the red area, there is a lighter, blue-grey area. A yellow stippled area is located in the lower right, pointing towards the center. The text "NW/NW S. 4 T 9S R 14E" is overlaid on the blue-grey area. Below it, the text "POD" is followed by a small yellow circle. Further down, the text "POU 47-17127" is overlaid. The entire image has a grainy, pixelated appearance.

NW/NW S. 4 T 9S R 14E

POD ●

POU 47-17127

M E M O R A N D U M

Date: June 04, 2004
To: Water Right File 47-17127
From: jstanton
Re: Additional Information Supporting Application

Residency affidavit for hydropower development: N/A
Additional hydropower project information: N/A
Additional fish propagation project information: N/A
Appropriation Rule 40.05.c information: N/A
Mitigation Plan or acceptance form: N/A
Evidence of Pre-1987 development: N/A

MEMORANDUM

Date: June 04, 2004
To: Water Right File 47-17127
From: jstanton
Re: Special Administration Area Notes

Special Administration Areas : Banbury Hot Springs GWMA
Exempt: Y
Reason: Non-Consumptive Use
Doc Attached:
Explanation: De minimis domestic use requested.

M E M O R A N D U M

Date: June 04, 2004
To: Water Right File 47-17127
From: jstanton
Re: Legal Notice Remarks

This application proposes to use an existing but presently unused geothermal well for domestic purposes within the Banbury Hot Springs GWMA. The well will be used to establish trees on the property prior to home construction, and then will be used for home heating and culinary purposes also in order to maximize the use of the heat values in the geothermal resource. The proposed point of diversion and place of use are on the south side of the River Road 6 miles north and 4 miles west from the SE corner of Buhl.