

7/2012

IN-OFFICE BENEFICIAL USE EXAM REPORT

Permit No. 57-11754 Prepared by Vicki MUSE Date 5-31-13

Same as permit

Different than permit

Owner Name	☒	☐	_____
Owner Address	☒	☐	_____
Source	☒	☐	_____
Tributary	☐	☐	_____
POD	☒	☐	_____
POU	☐	☒	<u>4 acres</u>
Beneficial Use(s)	☒	☐	_____

Exam Fee Required for Permitted Rate \$ 50.-
Exam Fee Paid \$ 50.-

Overlaps ☒ Yes ☐ No

POU - 2-4031

Technical Confirmation Tools

ArcMap (Bing)

☒

Govt Agency Records

Photo

☒

GPS ☐

Taxlot

☒

Photos ☐

Well Log

☒

Diagrams ☐

Other

☒

explain: GPS well - done 5-7-13

Conditions/Comments

reduce quantity to 0.12 cfs

Exam Date Entered

5-9-13

Draft License Created

5-31-13

Shapes Updated

5-31-13

MEMORANDUM

Date: May 31, 2013
To: Water Right File 57-11754
From: vmusic
Re: Field Report Narrative

The permit for Homedale School District ball field qualifies for an in-house exam per the IDWR beneficial use rules because the quantity permitted is 0.15 cfs. However, I did a site visit on May 6, 2013, to GPS the well, because there were 2 well locations in the backfile and in ArcMap, for the POD. I was able to GPS the well at a point about 6 feet east of it, outside the fence.

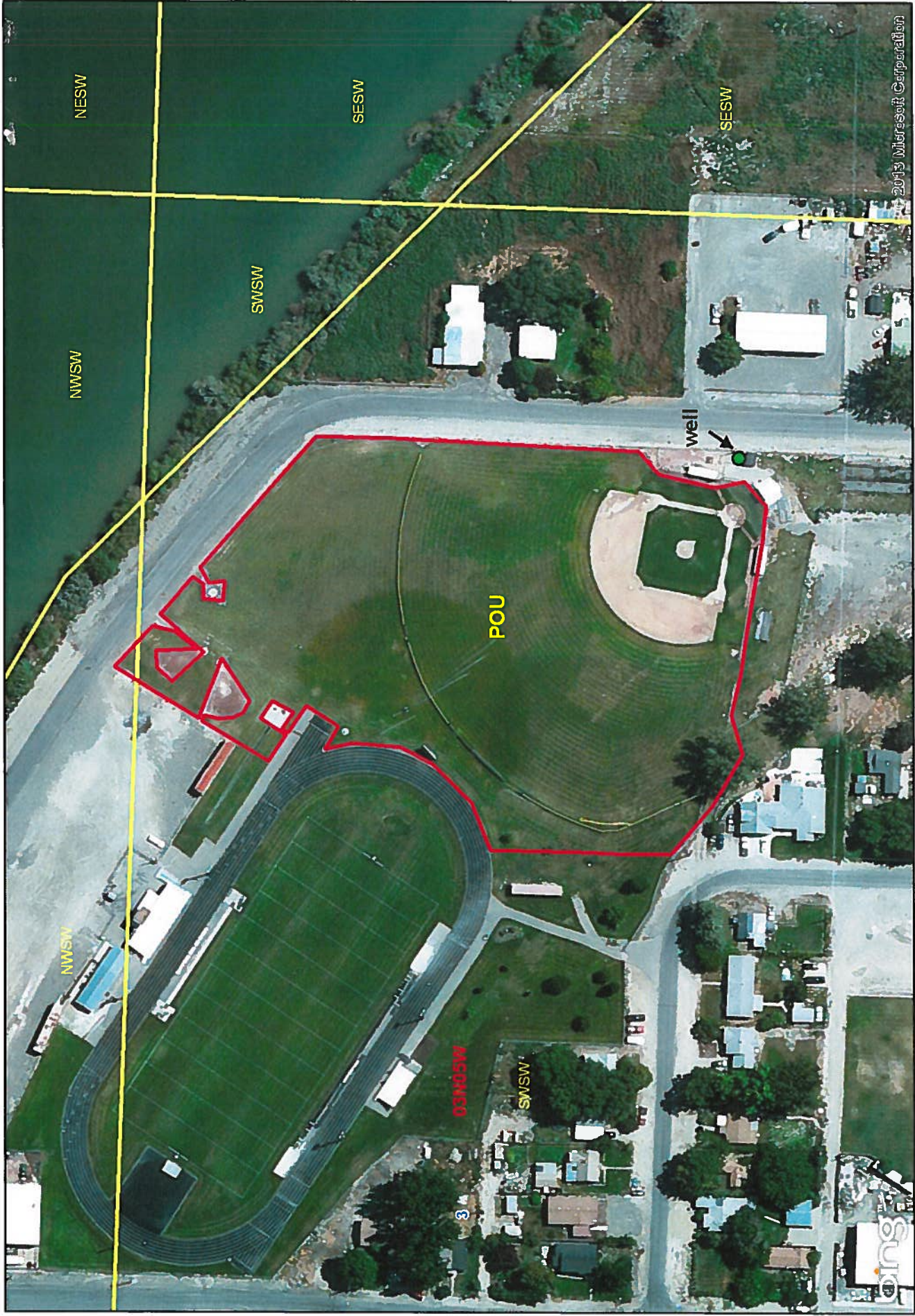
The permit was issued for 5 acres of irrigation and 0.15 cfs. However, there are only 4 acres irrigation at the most. So, I recommend licensing 0.12 cfs and 4 acres. The water is distributed to the fields via a sprinkler system, which was operating the day of the site visit.

The volume was calculated using the standard IDWR V_r and V_d equations. $V_r = 4 \text{ acres irrigated} \times 4.5 = 18 \text{ af}$ and the $V_d = 0.12 \text{ cfs} \times 1.9835 \times 260 \text{ days in the irrigation season} = 61.89 \text{ af}$. I recommend for licensing the lesser of the two results, the 18 af.

There is an overlapping POU right for irrigation water from the Snake R., right no. 2-4031. The application states that there is not water available under this right during the entire baseball season.



Looking northwest at the well that is the POD.



57-11754 - Homedate School District high school baseball field POD [well] and irrigation POU. Bing 2011 photography.

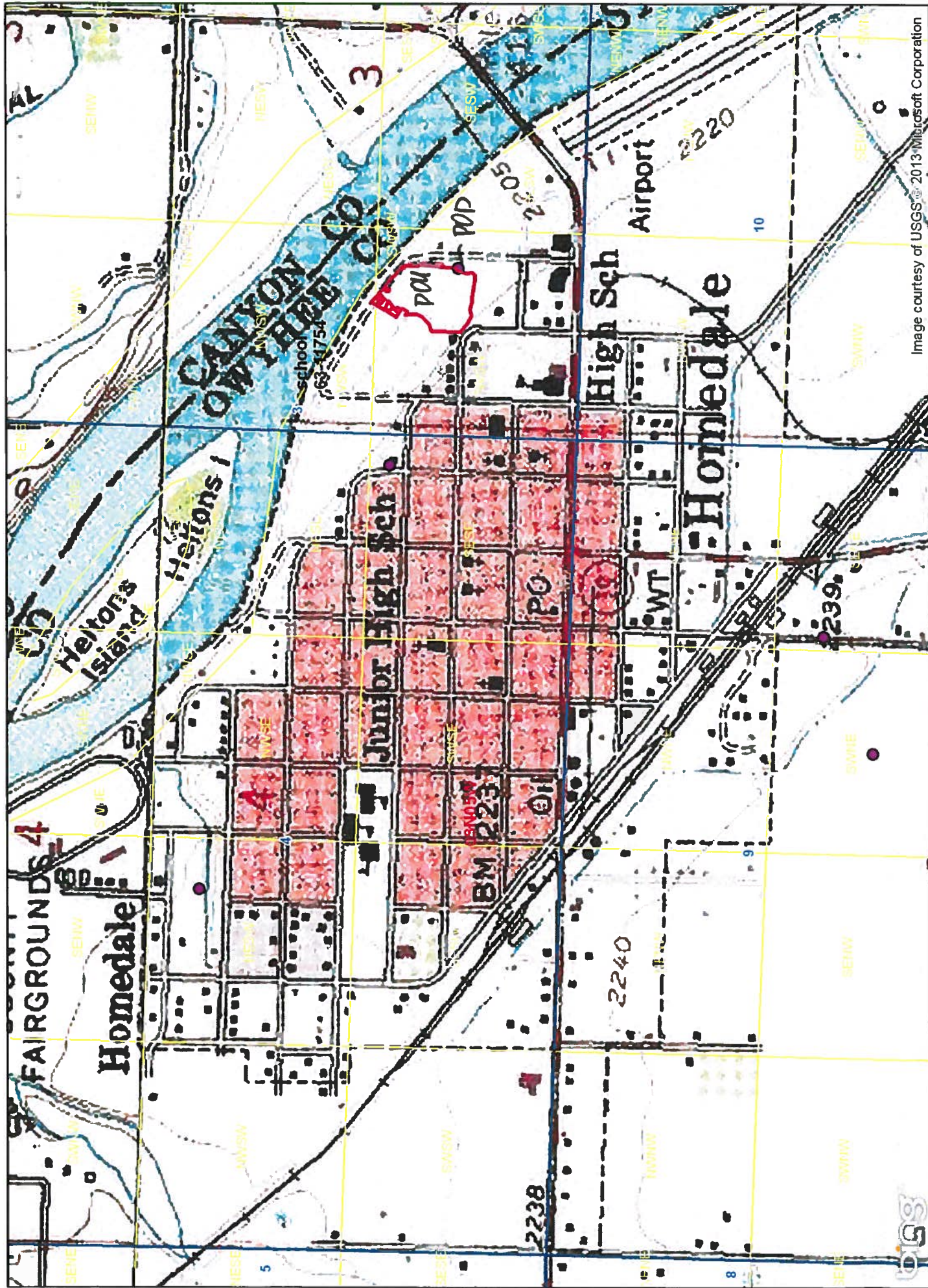


Image courtesy of USGS © 2013 Microsoft Corporation

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