

#### HOPPER 16C-22HZ SITING RATIONALE

Several factors were considered when planning the location of the production facilities that will serve the wells on the Hopper 16C-22HZ location:

- the surface owners' income from the crops grown in the flood-irrigated fields and a corresponding need to leave as much of the field undisturbed as possible
- internal safety setbacks of 150' off the existing well on the south side of the parcel
- impact to building unit owners to the north and the west of the parcel
- maximizing the future value of the property

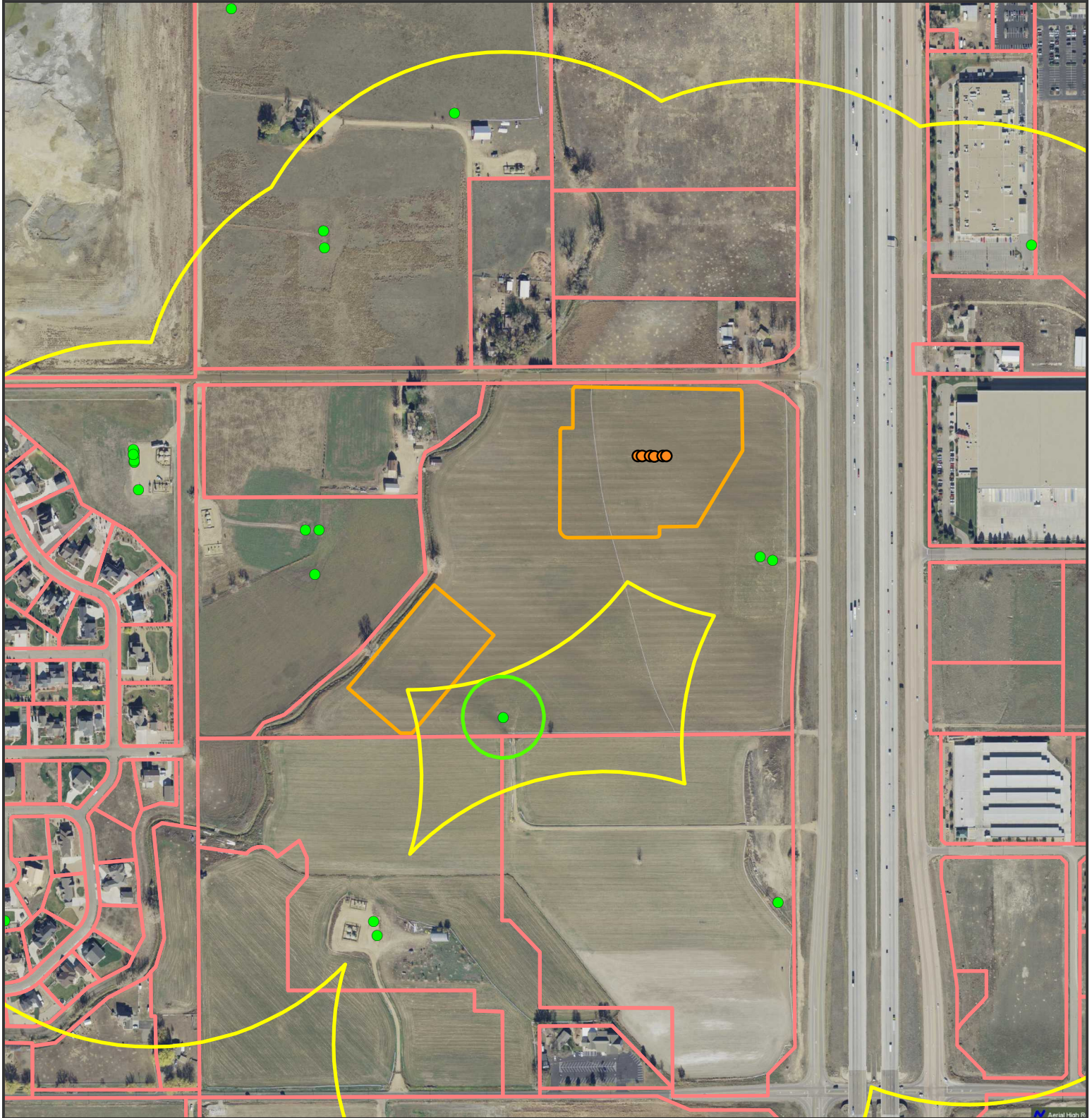
Placing the production facility on a separate location from the wells minimizes impact to building unit owners to the north of the property. The existing production facility on the west side of the surface owners' property will be removed, thus reducing the proximity of impact to the building unit owners to the west.

The southeast corner of the property was considered as a site for the production facility, however it was not topographically feasible. The head gate for flood irrigation is located in this corner and blocking or altering it would impede the ability for the flood water to reach the rest of the field.





The portion of the parcel that lies outside of the Designated Setback Area is important to the topography and irrigation flow for the crops on this property and is therefore not a suitable place for the production facility.

# HOPPER 16C-22HZ

SECTION 15, TOWNSHIP 2N, RANGE 68W, 6TH P.M.



## Legend

-  Pad (Proposed)
-  Proposed Wells
-  Existing Wells
-  Weld County Parcels



Date created: 1/25/2016  
Created by: APC Regulatory GIS  
Scale: 1:6,000  
Projection: NAD83 UTM 13N

