



OXY USA INC.

Sensitive Area Assessment

GLADE Project

NESE Section 2, T3N R66W, 6th PM.

Weld County, Colorado

April 2024

OXY USA

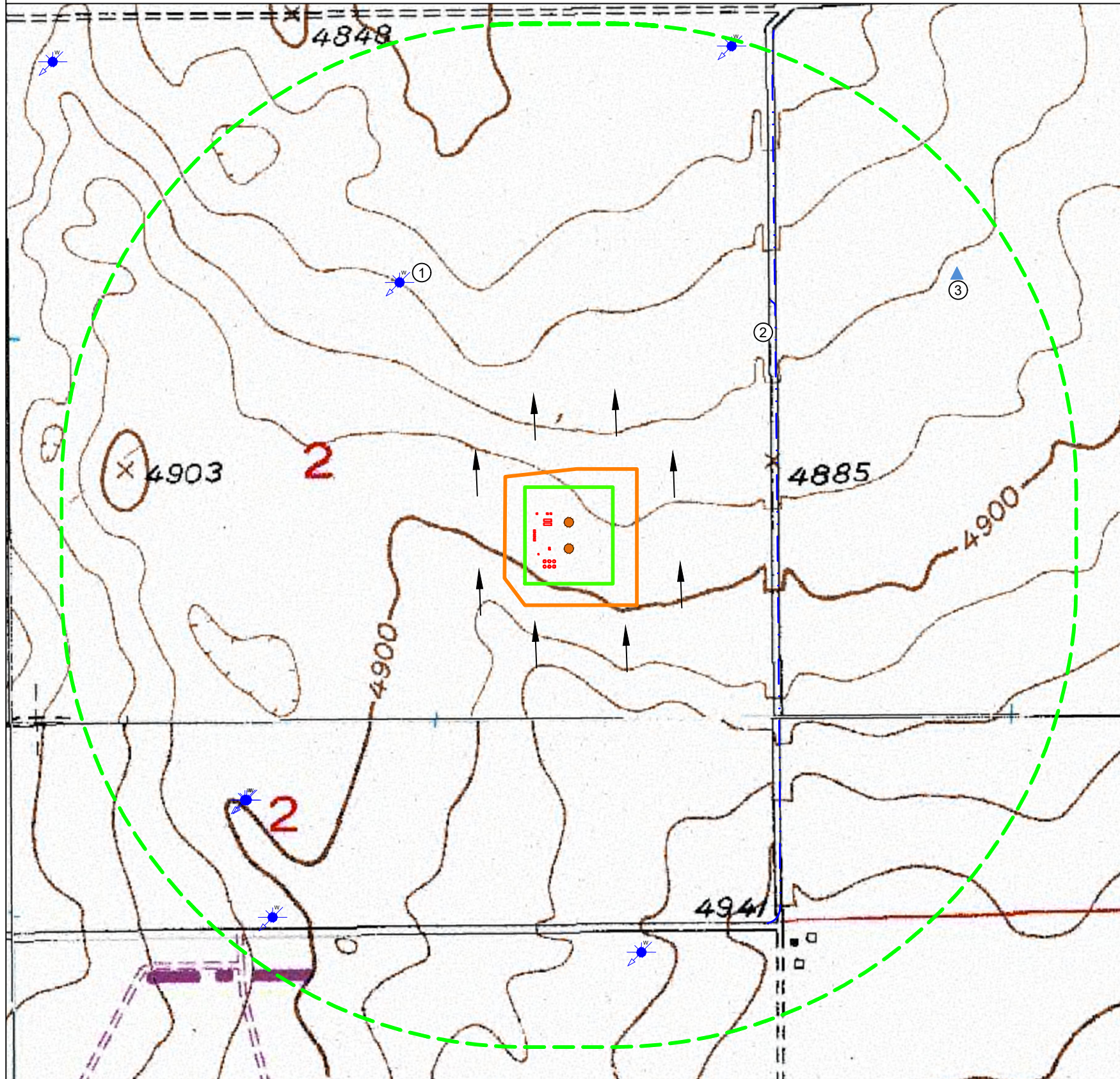
Sensitive Area Assessment- Glade Project

Details

The Static Water Level at the location of the Glade Project is estimated to be 60' utilizing the nearest water well (Permit # 40634). The nearest surface water feature is a ditch that is 935' East of the Working Pad Surface (WPS). Due to the proximity of this surface water feature, Oxy USA Inc. is designating this a Sensitive Area.

The Glade Project Hydrology Map is attached below for reference.

GLADE HYDROLOGY MAP



IMPROVEMENTS:
(AS MEASURED FROM THE PROPOSED WORKING PAD SURFACE)

1. WATER WELL:	±1367' NW, ±2008' SW, ±2016' SW, ±2106' S, ±2383' SW, ±2602' NE
2. DITCH:	±935' E, ±1480' NE
3. PIVOT POINT:	±2309' NE

THERE ARE NO PUBLIC WATER SYSTEMS FACILITIES, PWS INTAKES <15 MILES UPSTREAM, OR RULE 411 BUFFER ZONES WITHIN THE 2,640' RADIUS

NEAREST WATER WELL INFO:
(AS MEASURED FROM THE NEAREST EDGE OF THE PROPOSED WORKING PAD SURFACE)

PERMIT #	RECEIPT #	STATIC WATER LEVEL	DISTANCE/DIRECTION
313746-	3691551	68	±1367' NW

NEAREST SURFACE WATER FEATURE:
(AS MEASURED FROM THE NEAREST EDGE OF THE PROPOSED WORKING PAD SURFACE)

SURFACE WATER (DITCH)	±935' E
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DATA SOURCE:
TOPO MAP: USGS
WATER WELLS: COLORADO DWR
NHD: USGS
WETLANDS: USFWS
FLOODPLAINS: FEMA
PWS/RULE 411 BUFFERS: ECMC/CDPHE

PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY ASCENT.

DISCLAIMER:
THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED HAVE NOT BEEN FIELD VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.



FIELD DATE: 12-03-23
DRAWING DATE: 02-02-24
DRAWN BY: HJL
CHECKED BY: CSG

SITE NAME: GLADE
SURFACE LOCATION: NE 1/4 SE 1/4 SEC. 2, T3N, R66W, 6TH P.M. WELD COUNTY, COLORADO

LEGEND:

	= PROPOSED WELL		= 2640' BUFFER FROM WPS
	= WATER WELL		= WORKING PAD SURFACE
	= PIVOT POINT		= DEEP GEOTHERMAL LOCATION
	= FLOW DIRECTION		= PROPOSED FACILITY
	= DITCH		

PREPARED FOR: