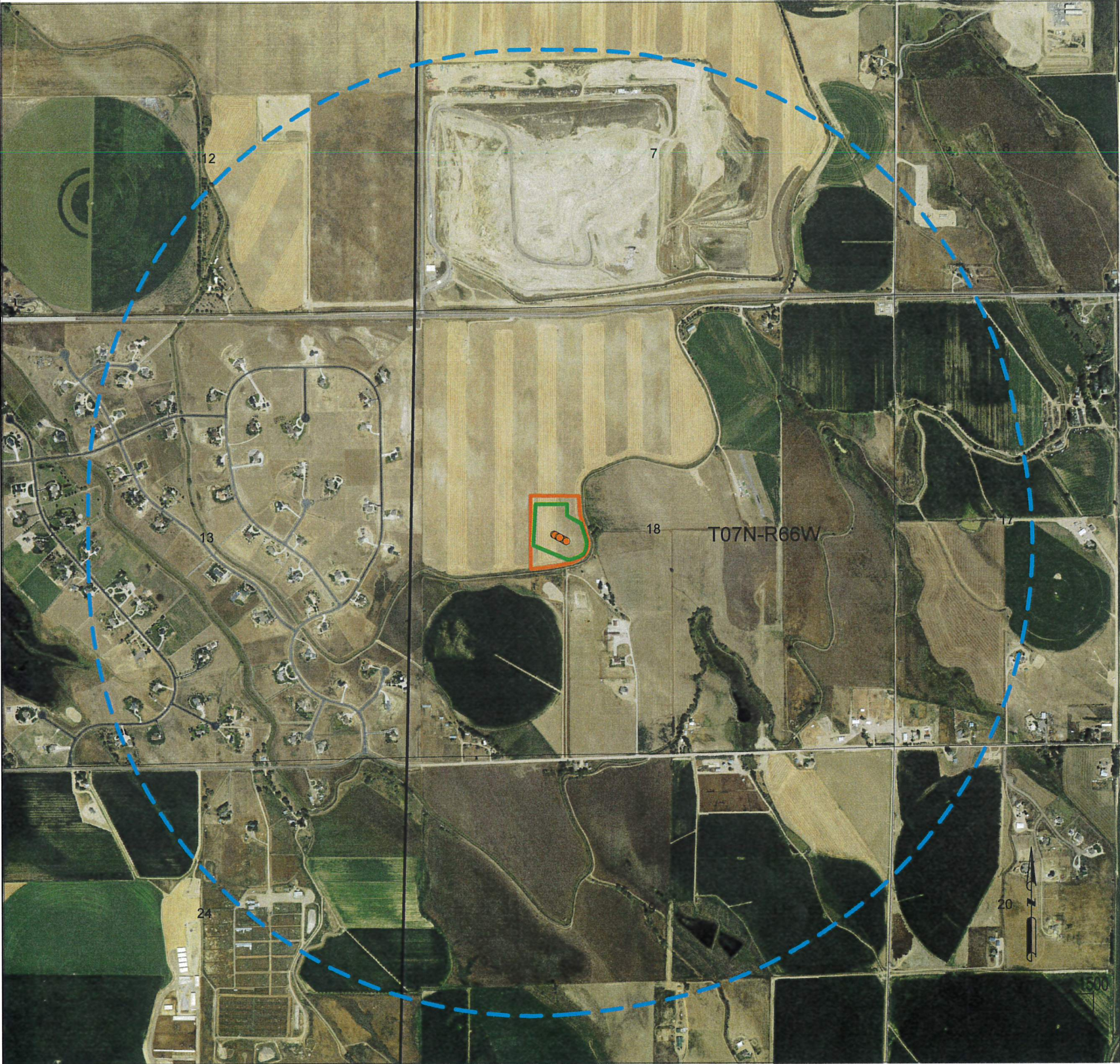


BLEHM 18-I PAD
GEOLOGIC HAZARD MAP



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.

GEOLOGIC HAZARDS:
(AS MEASURED FROM THE PROPOSED WORKING PAD SURFACE)

THERE ARE NO GEOLOGIC HAZARDS WITHIN THE ONE MILE RADIUS

N/A

| HAZARD TYPE | DISTANCE (N/A IF >5280') | SOURCE, DESCRIPTION IF <5280' |
|---|--------------------------|---|
| AVALANCHES | N/A | COGCC GIS, WELD COUNTY PROPERTY PORTAL, CO GEOLOGIC SURVEY MAPS |
| LANDSLIDES | N/A | COGCC GIS, WELD COUNTY PROPERTY PORTAL, CO GEOLOGIC SURVEY MAPS |
| ROCK FALLS | N/A | COGCC GIS, WELD COUNTY PROPERTY PORTAL, CO GEOLOGIC SURVEY MAPS |
| MUDFLOWS | N/A | COGCC GIS, WELD COUNTY PROPERTY PORTAL, CO GEOLOGIC SURVEY MAPS |
| UNSTABLE OR POTENTIALLY UNSTABLE SLOPES | N/A | COGCC GIS, WELD COUNTY PROPERTY PORTAL, CO GEOLOGIC SURVEY MAPS |
| SEISMIC EFFECTS | N/A | COGCC GIS, WELD COUNTY PROPERTY PORTAL, CO GEOLOGIC SURVEY MAPS |
| RADIOACTIVITY | N/A | COGCC GIS, WELD COUNTY PROPERTY PORTAL, CO GEOLOGIC SURVEY MAPS |
| GROUND SUBSIDENCE | N/A | COGCC GIS, WELD COUNTY PROPERTY PORTAL, CO GEOLOGIC SURVEY MAPS |
| MINE EXTENT | N/A | COGCC GIS, WELD COUNTY PROPERTY PORTAL, CO GEOLOGIC SURVEY MAPS |

COLLAPSIBLE SOILS WITHIN MAP EXTENT (DATA SOURCE: CGS)

THE FOLLOWING SOURCES HAVE BEEN CONSULTED TO DETERMINE IF ANY HAZARDS EXIST AND TO ASCERTAIN THE BOUNDARIES OF ANY IDENTIFIED HAZARDS:

COGCC GIS: https://cogccmap.state.co.us/cogcc_gis_online/
Weld County Property Portal: <https://www.co.weld.co.us/maps/propertyportal/>
Colorado Geological Survey: ON-001 -- Colorado Earthquake and Fault Map
<https://cgsarcimage.mines.edu/ON-001/>
ON-006-01 -- Statewide Landslide Inventory Map
<https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=9dd73db7bc34139abe51599396e2648>
ON-006-06 -- Colorado Historic Coal Mines
<https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=1891e3149eda44af9dc8af81c4dc58a8>
ON-B-40M -- Radioactive Mineral Occurrences of Colorado and Bibliography
<https://cologeosurvey.maps.arcgis.com/apps/webappviewer/index.html?id=c5381e1335284d63bfa5d4b018b3372f>
CLIENT PROVIDED DATA MAY ALSO BE UTILIZED BEYOND THESE SOURCES.

I certify that I am a Professional Geologist, having met the educational requirements and professional work experience required by C.R.S. § 23-41-208(b).
I have reviewed information pertaining to this Oil and Gas Location and the surrounding area, and have identified the following Geologic Hazards: Faulting; Subsidence (underground coal mines); and Collapsible Soils.

David Brewster
Senior V.P. of Exploration
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720-881-4497
dbrewster@bayswater.us


SIGNATURE

SENIOR V.P. OF EXPLORATION
TITLE

7-1-21
DATE






FIELD DATE:
02-20-20
DRAWN BY:
JW

DRAWING DATE:
06-16-21
CHECKED BY:
IJM

SITE NAME:
BLEHM 18-I PAD
SURFACE LOCATION:
LOT 3 SEC. 18, T7N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

DATA SOURCE:
AERIAL IMAGERY: NAIP 2019
GEOLOGIC HAZARDS: USGS
PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY ASCENT.

LEGEND:
● = PROPOSED WELL
— = SECTION LINE
— = TOWNSHIP LINE

 = 5280' RADIUS FROM WPS
 = OIL & GAS LOCATION
 = WORKING PAD SURFACE

PREPARED FOR:
 BAYSWATER
EXPLORATION & PRODUCTION, LLC