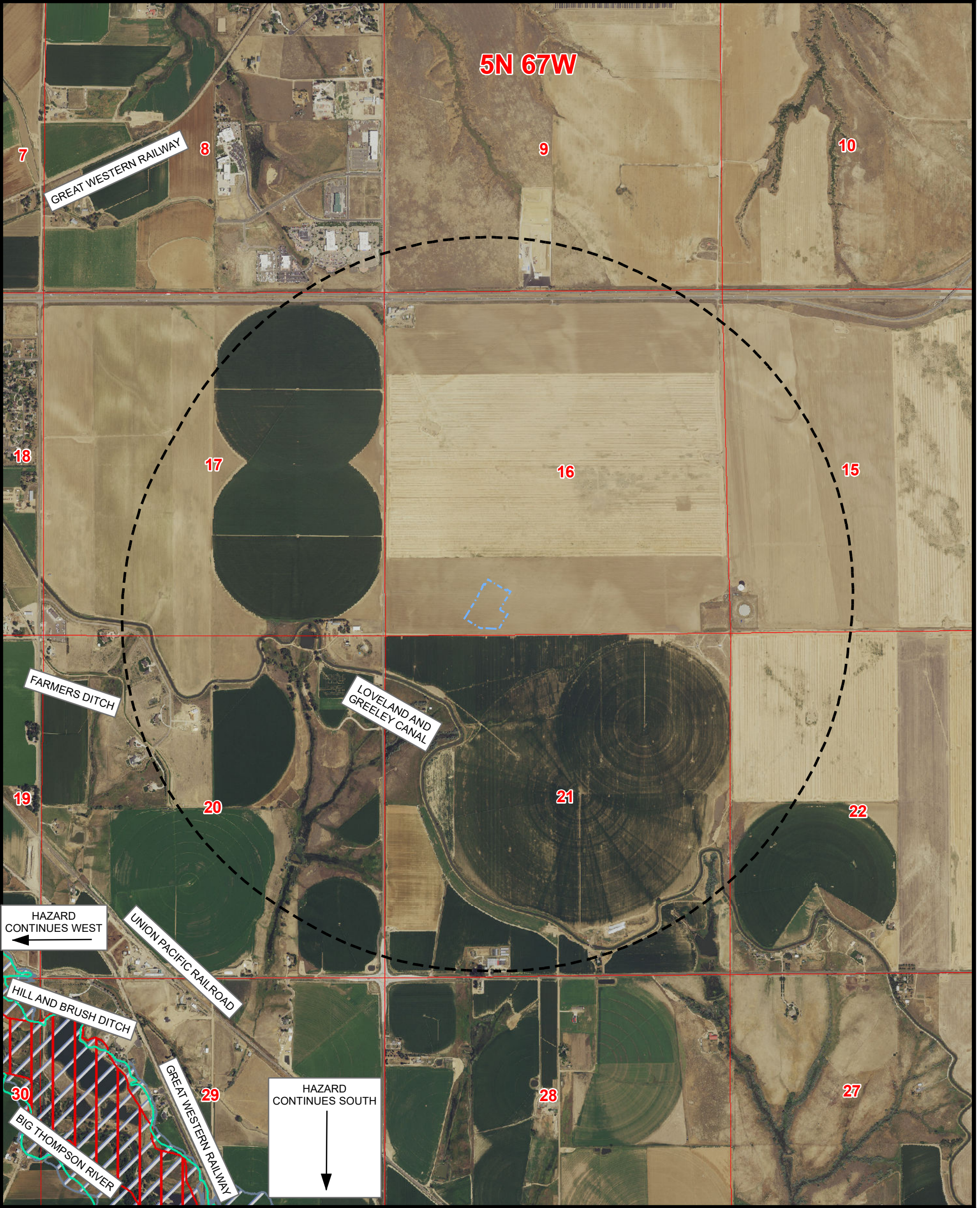


GEOLOGIC HAZARD MAP
VISTA 13-16HZ

SECTION 16, TOWNSHIP 5 NORTH, RANGE 67 WEST, 6TH P.M., GREELEY, COLORADO

5N 67W



HAZARD CONTINUES WEST
←

HAZARD CONTINUES SOUTH
↓

Legend

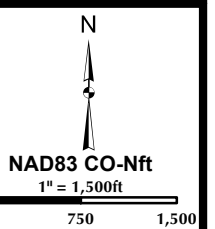
- PROPOSED WORKING PAD SURFACE
- 1 MILE BUFFER - WORKING PAD SURFACE
- 100-YEAR FLOODPLAIN (EFFECTIVE, 2016)
- 100-YEAR FLOODWAY (PRELIMINARY, 2020)
- 100-YEAR FLOODPLAIN (PRELIMINARY, 2020)

NOTE:
THIS MAP IS A COMPILATION OF PUBLICLY AVAILABLE DATA. THE ACCURACY AND COMPLETENESS OF SAID DATA HAS NOT BEEN VERIFIED BY 609 CONSULTING, LLC. EXISTING CONDITIONS MAY DIFFER FROM WHAT IS SHOWN.

Kerr-McGee Oil & Gas Onshore LP
1099 18th Street
Denver, Colorado 80202



LOVELAND OFFICE
6706 North Franklin Avenue
Loveland, Colorado 80538
Phone 970-776-4331
SHERIDAN OFFICE
1095 Saberton Avenue
Sheridan, Wyoming 82801
Phone 307-674-0609



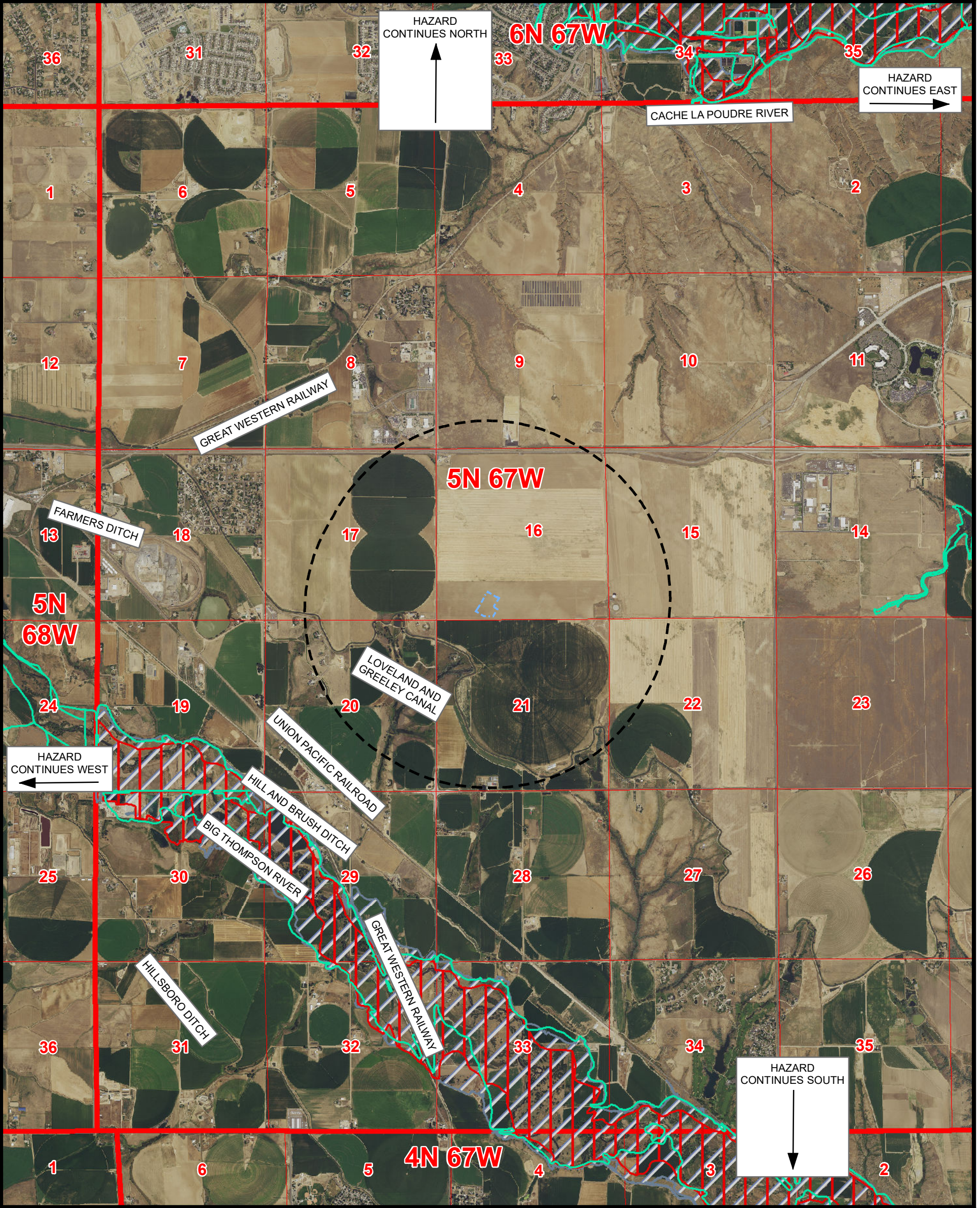
Drawn by: RJ
Revised:

Date: 7 Dec 2022
Date:

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**GEOLOGIC HAZARD MAP
VISTA 13-16HZ**

SECTION 16, TOWNSHIP 5 NORTH, RANGE 67 WEST, 6TH P.M., GREELEY, COLORADO



K:\ANADARKO\2021\104_VISTA_15N_R67W_SEC_16\GIS\FORM 2A\VISTA_13-16HZ_GEOLOGIC_HAZARDS_MAP_ZOOMED_OUT.mxd 12/7/2022 9:46:51 AM

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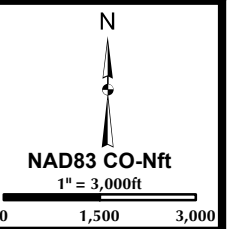
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Drawn by: RJ
Revised:

Date: 7 Dec 2022
Date:

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 no Geologic Hazards within a one-mile radius.

Datasets, maps, and published papers used to evaluate other possible geologic hazards included in C.R.S. § 24-65.1-103 are listed below.

Respectfully,
Kerr-McGee Oil & Gas Onshore LP

A handwritten signature in black ink, appearing to read "Jonathan Schwing". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Jonathan Schwing
Staff Geologist

- Floodplain
 - COGCC Floodplains (FEMA) https://cogccmap.state.co.us/cogcc_gis_online/
 - National Flood Hazard Layer (NFHL) <https://hazards-fema.maps.arcgis.com/apps/webappviewer/>
 - Weld County: <https://www.weldgov.com/Government/Departments/Planning-and-Zoning/Floodplain-Management>
 - Surface Mines
 - COGCC DRMS Mine: https://cogccmap.state.co.us/cogcc_gis_online/
 - Weld County: <https://www.weldgov.com/Government/Departments/Planning-and-Zoning>
 - Earthquakes:
 - USGS: <https://www.usgs.gov/natural-hazards/earthquake-hazards/science/>
 - USGS: <https://earthquake.usgs.gov/earthquakes/map/>
 - Landslides
 - CGS: <https://cologeosurvey.maps.arcgis.com/apps/webappviewer/>
 - Sub-Surface Mines
 - COGCC Coal Mine: https://cogccmap.state.co.us/cogcc_gis_online/
 - Roberts, S.B., Hynes, J.L., and Woodward, C.L. Maps Showing the Extent of Mining, Locations of Mine Shafts, Adits, Air Shafts, and Bedrock Faults, and Thickness of Overburden above Abandoned Coal Mines in the Boulder-Weld Coal Field, Boulder, Weld and Adams Counties, Colorado. 1:48:000. Denver, CO: US Geological Survey: 2001
 - Ivery, J.B., and Hynes, J.L., Subsidence Hazard Map Boulder-Weld Coal Field Boulder and Weld Counties, Colorado. Map No. 7361-6 1:24,000. Colorado Geological Survey: 1974
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