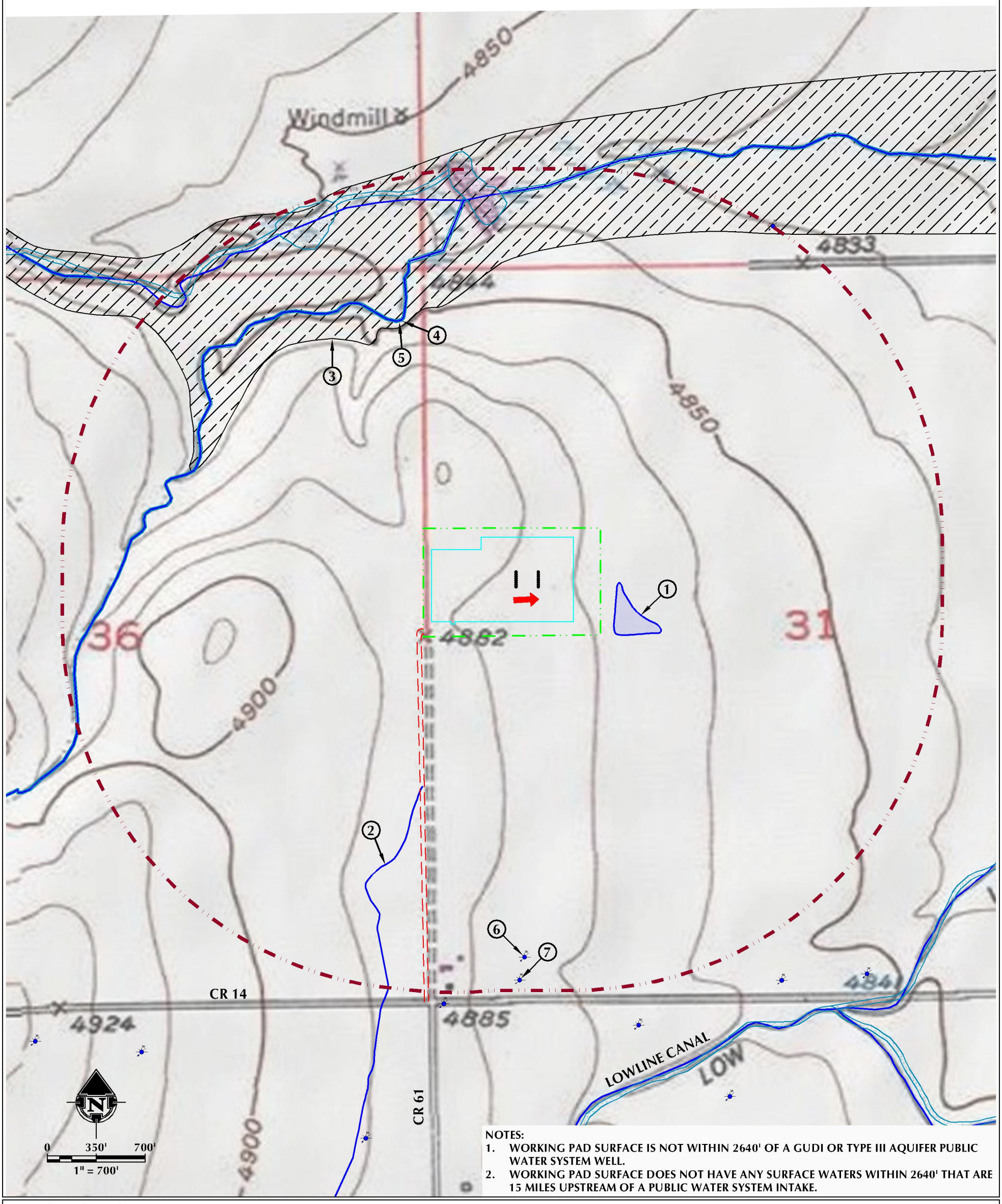
HYDROLOGY MAP
MESQUITE HZ
HORIZONTAL MULTI-WELL PAD
SW1/4 NW1/4 SECTION 31, TOWNSHIP 2 NORTH, RANGE 63 WEST, 6TH P.M., WELD COUNTY, COLORADO



NOTES:
1. WORKING PAD SURFACE IS NOT WITHIN 2640' OF A GUDI OR TYPE III AQUIFER PUBLIC WATER SYSTEM WELL.
2. WORKING PAD SURFACE DOES NOT HAVE ANY SURFACE WATERS WITHIN 2640' THAT ARE 15 MILES UPSTREAM OF A PUBLIC WATER SYSTEM INTAKE.

1. POND IS ±291' E.
2. DITCH IS ±1183' S.
3. 100-YEAR FLOODPLAIN (EFFECTIVE) IS ±1533' N.
4. NWI RIVERINE/POND/WETLAND AREAS ARE ±1644' N, ±2027' N, ±2239' N, ±2306' N AND ±2450' N.
5. NHD FLOWLINES ARE ±1654' N AND ±2413' N.
6. EXISTING WATER WELL (PERMIT #248318, WELL CONSTRUCTED) IS ±2398' S.
7. EXISTING WATER WELL (PERMIT #312431-A, WELL CONSTRUCTED) IS ±2563' S.

LEGEND

- PROPOSED WELL
- WATER WELL
- PROPOSED ACCESS ROAD
- DITCH/CANAL/DRAINAGE
- DOWNGRADIENT
- 2640' WORKING PAD SURFACE BUFFER
- PROPOSED OIL & GAS LOCATION
- WORKING PAD SURFACE
- 100-YEAR FLOODPLAIN (EFFECTIVE)
- NWI RIVERINE/POND/WETLAND
- NWI RIPARIAN AREA

ALL MEASUREMENTS ARE MADE FROM NEAREST EDGE OF THE WORKING PAD SURFACE

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DATE SURVEYED: 8/15/24
DATE: 9/6/24
DRAFTER: JAC
REVISED:

DATA SOURCES & NOTES:
- TOPOGRAPHIC MAP IS COURTESY OF USGS.
- WATER WELLS COURTESY OF COLORADO DIVISION OF WATER RESOURCES.
- MANY FEATURES ON THIS MAP COME FROM PUBLICLY AVAILABLE DATA AND SURFACE WATER LYING OUTSIDE THE SURFACE PROPERTY MAY HAVE BEEN OBTAINED FROM AERIAL IMAGERY. THE ACCURACY AND COMPLETENESS OF SAID DATA HAS NOT BEEN VERIFIED BY 609 CONSULTING, LLC. EXISTING CONDITIONS MAY DIFFER FROM WHAT IS SHOWN.

PREPARED FOR:
Kerr-McGee Oil & Gas Onshore LP

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