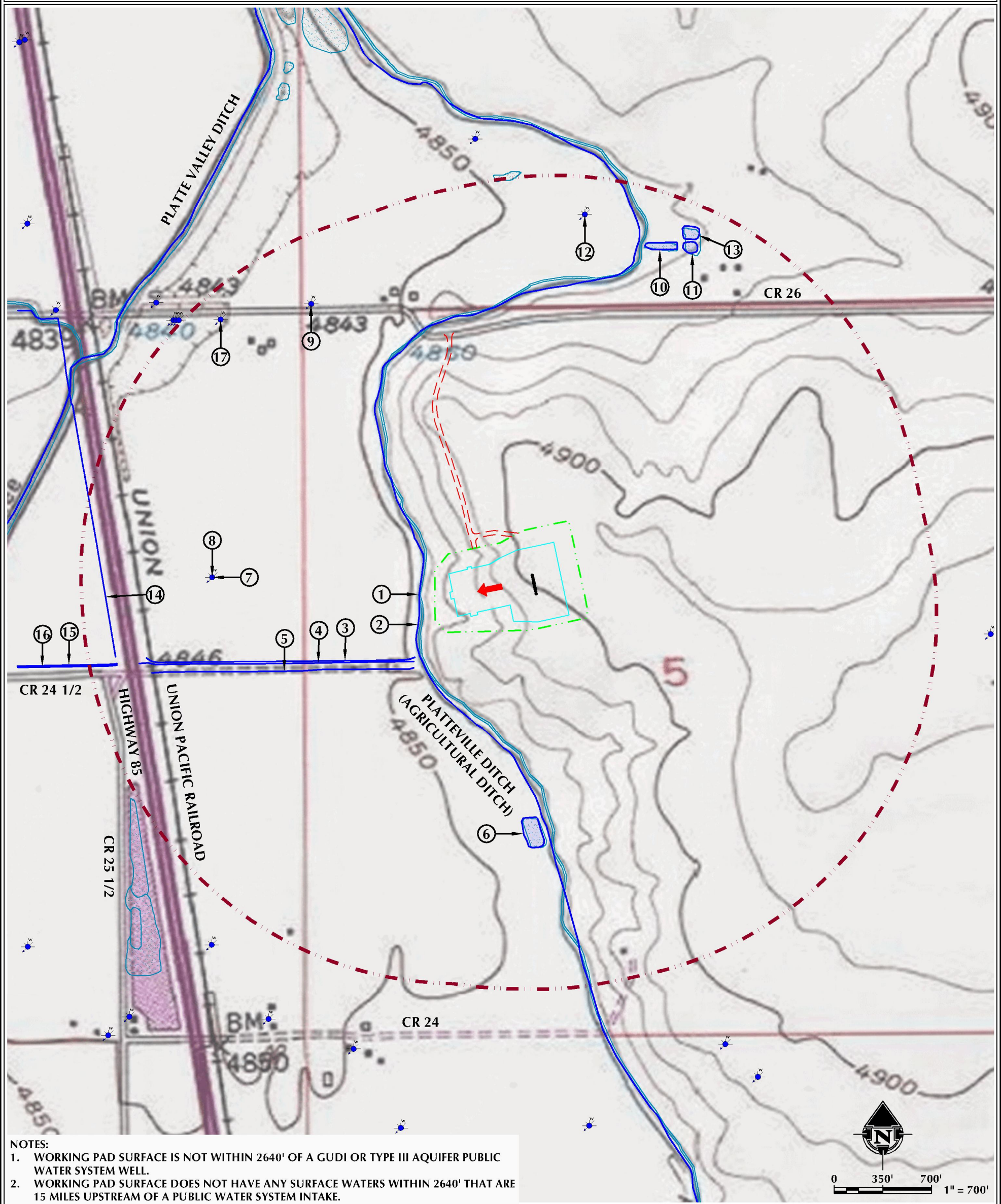


HYDROLOGY MAP

LARKSPUR FED

HORIZONTAL MULTI-WELL PAD

S1/2 NW1/4 SECTION 5, TOWNSHIP 2 NORTH, RANGE 66 WEST, 6TH P.M., WELD COUNTY, COLORADO



NOTES:

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

- |                                                                                             |                                                                      |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| 1. NWI RIVERINE/POND/WETLAND AREAS ARE ±175' W, ±1412' S, ±2213' N, ±2292' NE AND ±2621' N. | 10. POND IS ±2221' N.                                                |
| 2. PLATTEVILLE DITCH (AGRICULTURAL DITCH) IS ±190' W.                                       | 11. POND IS ±2294' NE.                                               |
| 3. DITCH IS ±428' SW.                                                                       | 12. EXISTING WATER WELL (PERMIT#2654, WELL CONSTRUCTED) IS ±2367' N. |
| 4. DITCH IS ±455' SW.                                                                       | 13. POND IS ±2376' NE.                                               |
| 5. DITCH IS ±487' SW.                                                                       | 14. DITCH IS ±2443' W.                                               |
| 6. POND IS ±1404' S.                                                                        | 15. DITCH IS ±2444' W.                                               |
| 7. EXISTING WATER WELL (PERMIT#19986-R, WELL CONSTRUCTED) IS ±1698' W.                      | 16. DITCH IS ±2444' W.                                               |
| 8. EXISTING WATER WELL (PERMIT#163689, PERMIT ISSUED) IS ±1698' W.                          | 17. EXISTING WATER WELL (PERMIT#163695, PERMIT ISSUED) IS ±2454' NW. |
| 9. EXISTING WATER WELL (PERMIT#92433-A, WELL CONSTRUCTED) IS ±2177' NW.                     |                                                                      |

<b>LEGEND</b>	
PROPOSED WELL	PROPOSED OIL & GAS LOCATION
WATER WELL	WORKING PAD SURFACE
PROPOSED ACCESS ROAD	NWI RIVERINE/POND/WETLAND
DITCH/CANAL/DRAINAGE	NWI RIPARIAN AREA
DOWNGRADIENT	
2640' WORKING PAD SURFACE BUFFER	

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

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DATE SURVEYED: 11/30/23  
DATE: 3/8/24  
DRAFTER: GLK  
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**