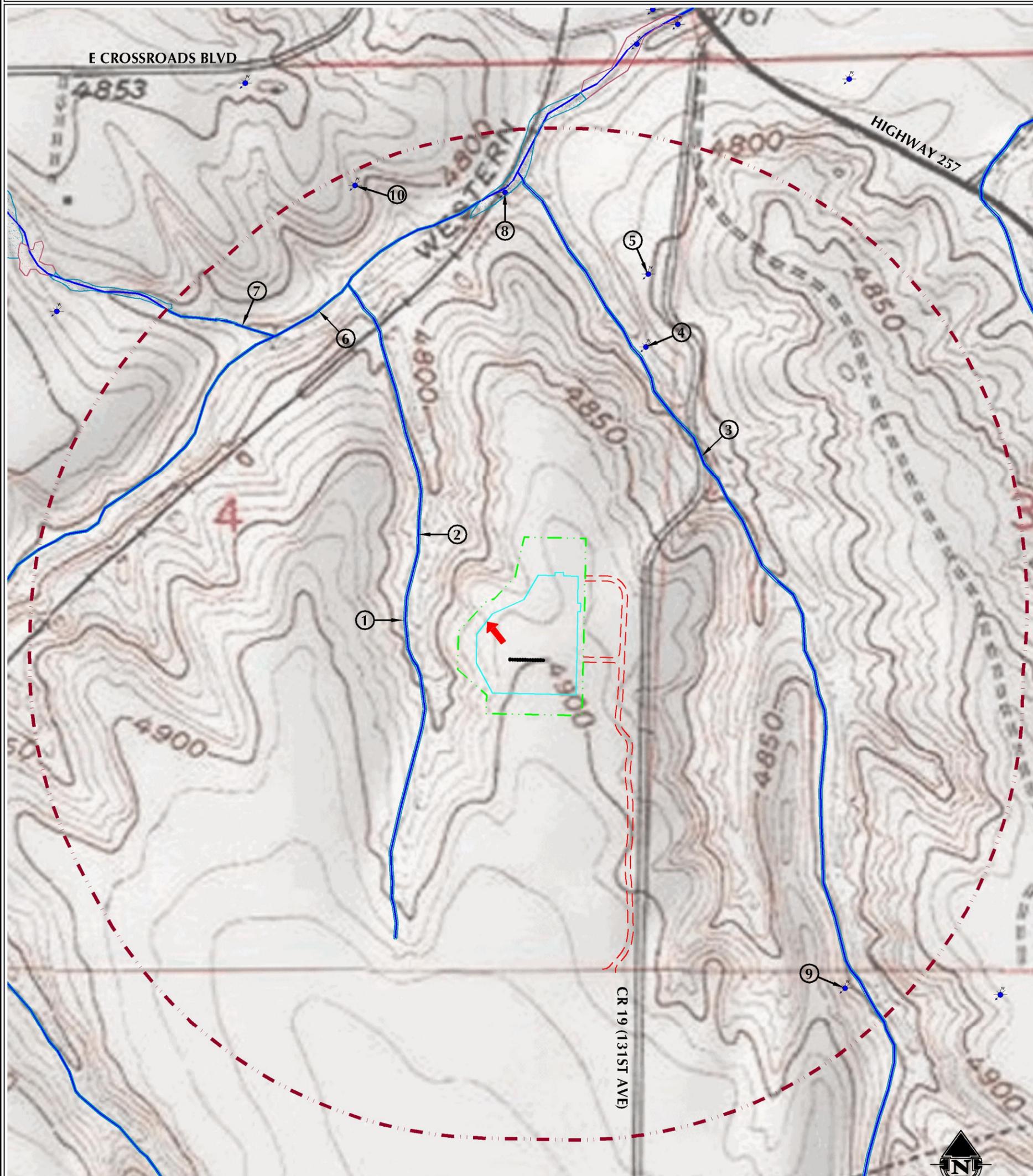


HYDROLOGY MAP SCHMERGE 9-4HZ HORIZONTAL MULTI-WELL PAD

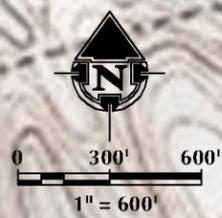
NE1/4 SE1/4 SECTION 4, TOWNSHIP 5 NORTH, RANGE 67 WEST, 6TH P.M., WELD COUNTY, COLORADO



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. NWI RIVERINE/POND/WETLAND AREA IS ±328' W.
2. EXISTING DRAINAGE/DITCH IS ±338' W.
3. EXISTING DRAINAGE/DITCH IS ±995' NE.
4. EXISTING WATER WELL (PERMIT #60330-MH, WELL CONSTRUCTED) IS ±1419' N.
5. EXISTING WATER WELL (PERMIT #295295, PERMIT ISSUED) IS ±1840' N.
6. EXISTING DRAINAGE/DITCH IS ±2038' NW.
7. EXISTING DRAINAGE/DITCH IS ±2091' NW.
8. EXISTING WATER WELL (PERMIT #279550, WELL CONSTRUCTED) IS ±2276' N.
9. EXISTING WATER WELL (PERMIT #95420, PERMIT ISSUED) IS ±2356' SE.
10. EXISTING WATER WELL (PERMIT #13519-R, WELL CONSTRUCTED) IS ±2556' NW.



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 (PRELIMINARY, 2020)
	100-YEAR FLOODWAY (PRELIMINARY, 2020)
	100-YEAR FLOODPLAIN (EFFECTIVE, 2016)
	NWI RIVERINE/POND/WETLAND
	NWI RIPARIAN AREA

ALL MEASUREMENTS ARE MADE FROM NEAREST EDGE OF WORKING PAD SURFACE

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SHERIDAN OFFICE: 1095 Saberton Avenue, Sheridan, Wyoming 82801, Phone: 307-674-0609

DATE SURVEYED: 11/3/22
 DATE: 11/18/22
 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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