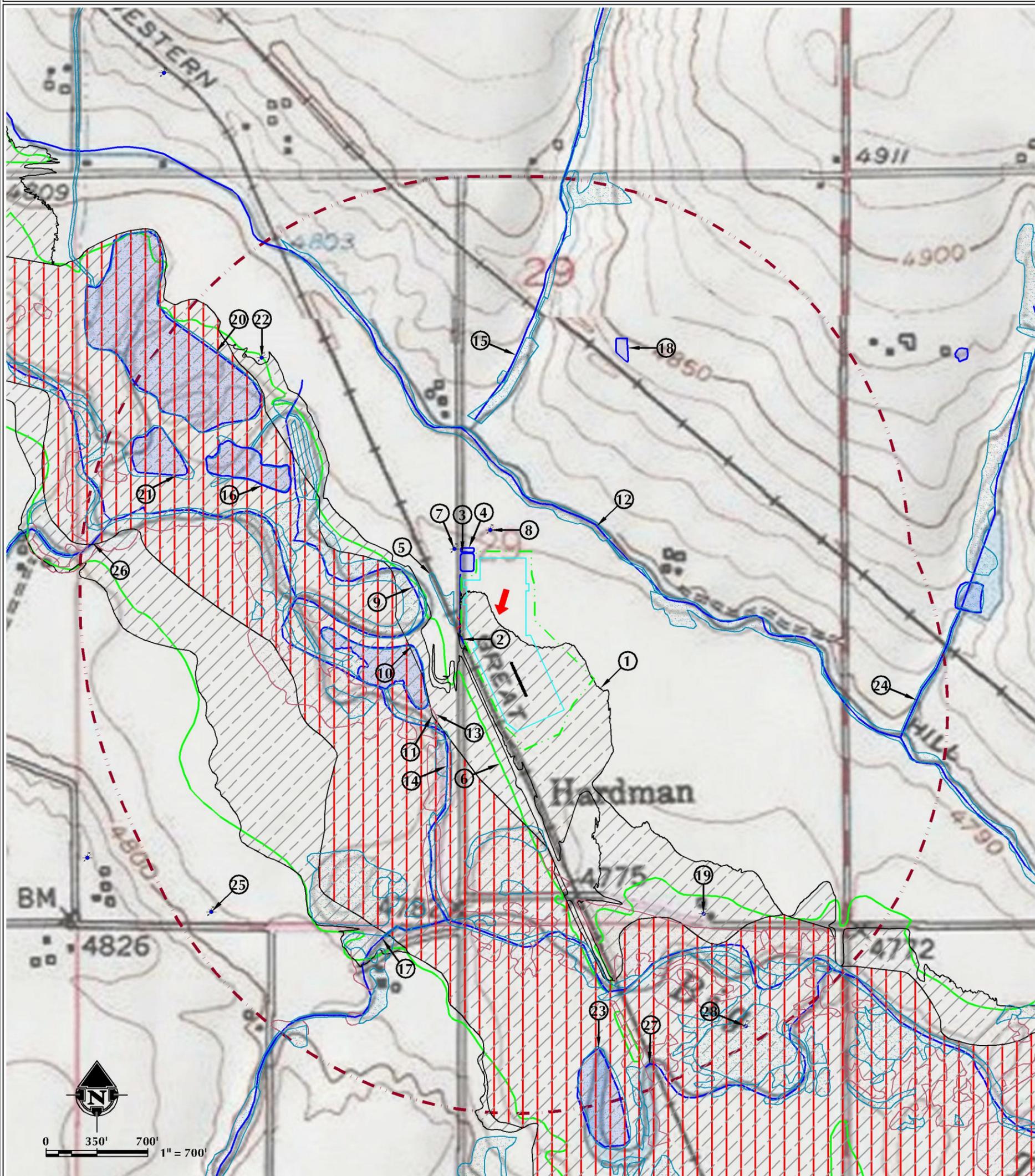


HYDROLOGY MAP PAUL NELSON 25-29HZ HORIZONTAL MULTI-WELL PAD

W1/2 SE1/4 SECTION 29, 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.

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| <ol style="list-style-type: none"> 1. 100-YEAR FLOODPLAIN (PRELIMINARY, 2020) IS ±0'. 2. DITCH IS ±23' W. 3. POND IS ±43' W. 4. POND IS ±61' NW. 5. NWI RIVERINE/POND/WETLAND AREAS ARE ±67' W, ±253' W, ±307' W, ±355' N, ±360' W, ±400' SW, ±433' SW, ±565' E, ±661' S, ±772' SW, ±838' E, ±884' W, ±930' N, ±1029' W, ±1033' S, ±1159' W, ±1165' NW, ±1190' W, ±1207' N, ±1223' NW, ±1271' SW, ±1282' SW, ±1292' S, ±1356' NW, ±1359' SW, ±1371' W, ±1396' S, ±1457' SW, ±1520' S, ±1521' N, ±1570' E, ±1641' NW, ±1652' SW, ±1688' NW, ±1762' NW, ±1798' N, ±1818' NW, ±1863' SE, ±1877' SW, ±1895' SE, ±1923' E, ±1987' SE, ±1989' SE, ±1992' W, ±2227' SE, ±2238' SE, ±2239' SE, ±2247' S, ±2322' E, ±2410' SE, ±2414' N, ±2437' N, ±2445' S, ±2481' SE, ±2492' SW, ±2526' SE, ±2577' S, ±2628' SW AND ±2635' SE. 6. 100-YEAR FLOODPLAIN (EFFECTIVE, 2016) IS ±147' SW. | <ol style="list-style-type: none"> 7. EXISTING WATER WELL (PERMIT #609-WCB, WELL CONSTRUCTED) IS 187' W. 8. EXISTING WATER WELL (PERMIT #219807, PERMIT ISSUED) IS 193' N. 9. DITCH IS ±282' W. 10. POND IS ±372' W. 11. 100-YEAR FLOODWAY (PRELIMINARY, 2020) IS ±381' SW. 12. HILL AND BRUSH DITCH IS ±388' N. 13. NWI RIPARIAN AREAS ARE ±421' SW, ±433' SW, ±519' SW, ±590' SW, ±640' SW, ±671' SW, ±684' SW, ±734' S, ±840' SW, ±879' SW, ±923' W, ±1185' S, ±1201' W, ±1235' S, ±1293' S, ±1350' S, ±1409' S, ±1435' S, ±1460' S, ±1696' SE, ±1743' SE, ±1758' SW, ±1869' SE, ±1884' SE, ±1958' SE, ±1967' S, ±1979' SE, ±2046' SE, ±2061' SE, ±2226' SW, ±2343' SE, ±2421' W, ±2433' SE AND ±2479' SW. 14. BIG THOMPSON RIVER IS ±421' SW. 15. DITCH IS ±959' N. 16. POND IS ±1356' NW. | <ol style="list-style-type: none"> 17. DITCH IS ±1386' S. 18. POND IS ±1523' NE. 19. EXISTING WATER WELL (PERMIT #100929--A, PERMIT ISSUED) IS 1704' SE. 20. POND IS ±1834' NW. 21. POND IS ±2044' W. 22. EXISTING WATER WELL (PERMIT #83868-F, PERMIT ISSUED) IS 2045' NW. 23. POND IS ±2265' S. 24. DITCH IS ±2322' E. 25. EXISTING WATER WELL (PERMIT #100929, WELL CONSTRUCTED) IS 2415' SW. 26. DITCH IS ±2458' W. 27. DITCH IS ±2473' S. 28. EXISTING WATER WELL (PERMIT #44561-MH, PERMIT ISSUED) IS 2514' SE. |
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LEGEND	
	PROPOSED WELL
	WATER WELL
	PROPOSED ACCESS ROAD
	DITCH/CANAL/DRAINAGE
	DOWNGRADIENT
	2640' WORKING PAD SURFACE BUFFER
	DISTURBANCE AREA (OIL AND 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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DATE SURVEYED: 7/14/21
 DATE: 9/15/21
 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.

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