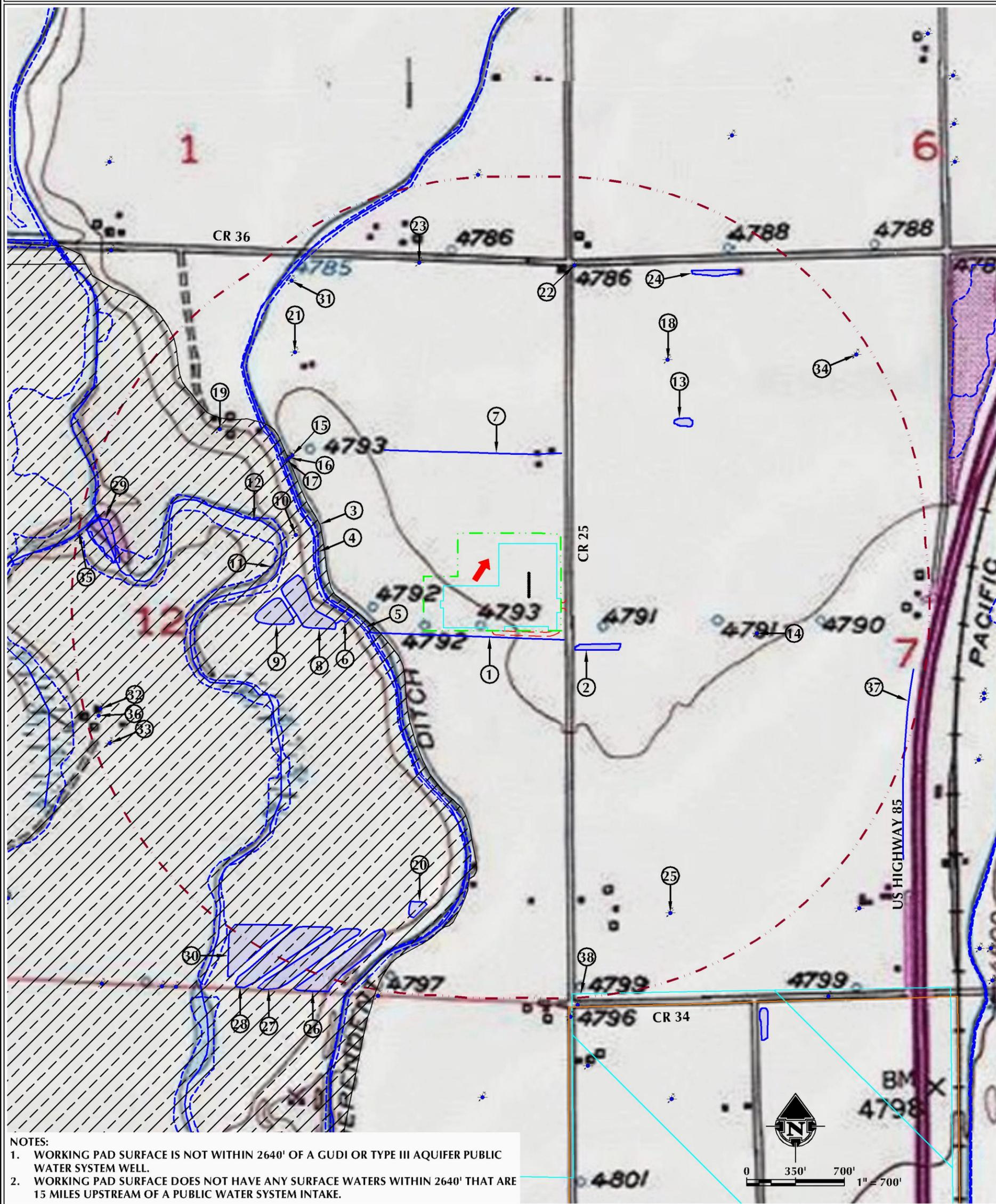
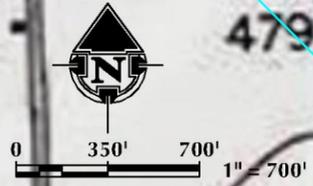


HYDROLOGY MAP
DB FARMS 40-12HZ
 HORIZONTAL MULTI-WELL PAD
 SE1/4 NE1/4 SECTION 12, TOWNSHIP 3 NORTH, RANGE 67 WEST, 6TH P.M.



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. CONCRETE DITCH IS ±44' S.	14. *WATER WELL (PERMIT #12562-R-R, PERMIT ISSUED) IS ±1411' E.	27. *NWI POND IS ±2245' S.
2. POND (NOT PRESENT, PER 2DOT) IS ±175' SE.	15. *WATER WELL (PERMIT #206854, WELL CONSTRUCTED) IS ±1433' NW.	28. *NWI POND IS ±2295' S.
3. 100 YEAR FLOODPLAIN IS ±378' SW.	16. *WATER WELL (PERMIT #206853, WELL CONSTRUCTED) IS ±1435' NW.	29. *NWI POND IS ±2348' W.
4. RIVERINE IS ±464' SW.	17. *WATER WELL (PERMIT #206843, WELL CONSTRUCTED) IS ±1438' NW.	30. *NWI POND IS ±2391' SW.
5. FARMERS INDEPENDENT DITCH IS ±475' SW.	18. *WATER WELL (PERMIT #33675, WELL CONSTRUCTED) IS ±1542' NE.	31. *WATER WELL (PERMIT #259884, WELL CONSTRUCTED) IS ±2402' NW.
6. DITCH IS ±638' N.	19. *WATER WELL (PERMIT #284747, WELL CONSTRUCTED) IS ±1957' NW.	32. *WATER WELL (PERMIT #304715--A, WELL CONSTRUCTED) IS ±2522' SW.
7. DITCH IS ±644' N.	20. *POND IS ±1971' S.	33. *WATER WELL (PERMIT #312575, PERMIT ISSUED) IS ±2528' SW.
8. POND IS ±760' W.	21. *WATER WELL (PERMIT #48354, WELL CONSTRUCTED) IS ±1987' NW.	34. *WATER WELL (PERMIT #16904, WELL CONSTRUCTED) IS ±2539' NE.
9. POND IS ±1054' W.	22. *WATER WELL (PERMIT #238802, WELL CONSTRUCTED) IS ±2003' N.	35. DITCH IS ±2544' W.
10. *WATER WELL (PERMIT #30965-MH, WELL CONSTRUCTED) IS ±1118' W.	23. *WATER WELL (PERMIT #13590-R-R, WELL CONSTRUCTED) IS ±2098' N.	36. *WATER WELL (PERMIT #304715, WELL CONSTRUCTED) IS ±2547' SW.
11. NWI EMERGENT WETLAND IS ±1147' W.	24. POND (NOT PRESENT, PER 2DOT) IS ±2167' NE.	37. *DITCH IS ±2556' E.
12. DITCH IS ±1181' W.	25. *WATER WELL (PERMIT #13851, WELL CONSTRUCTED) IS ±2183' S.	38. *TYPE III AQUIFER IS ±2613' S.
13. POND (NOT PRESENT, PER 2DOT) IS ±1206' NE.	26. *NWI POND IS ±2208' S.	

LEGEND <ul style="list-style-type: none"> ● PROPOSED WELL --- PROPOSED ACCESS ROAD --- DITCH/CANAL/DRAINAGE → DOWNGRADIENT --- 2640' WORKING PAD SURFACE BUFFER --- DISTURBANCE AREA (OIL AND GAS LOCATION) --- WORKING PAD SURFACE --- TYPE III AQUIFER --- 100 YEAR FLOODPLAIN --- WETLAND 		ALL MEASUREMENTS ARE MADE FROM NEAREST EDGE OF WORKING PAD SURFACE
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--------------------------------------------------------------------

<p>LOVELAND OFFICE 6706 North Franklin Avenue Loveland, Colorado 80538 Phone: 970-776-1331</p> <p>SHERIDAN OFFICE 1095 Saberton Avenue Sheridan, Wyoming 82801 Phone: 307-674-6069</p>	DATE SURVEYED: 3/16/2020 DATE: 4/19/21 DRAFTER: GLK REVISED: 8/11/21	DATA SOURCES & NOTES: - AERIAL COURTESY OF ESRI, INC. - WATER WELLS COURTESY OF COLORADO DIVISION OF WATER RESOURCES - MANY FEATURES ON THIS MAP COME FROM 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.	PREPARED FOR: Kerr-McGee Oil & Gas Onshore LP.
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------

K:\MWD\2017\2017_182_DB_FARMS_TIN_067W_SEC_12\HYDROLOGY\FARMS.DWG, 9/11/2021, 10:01:32 AM, Hayden