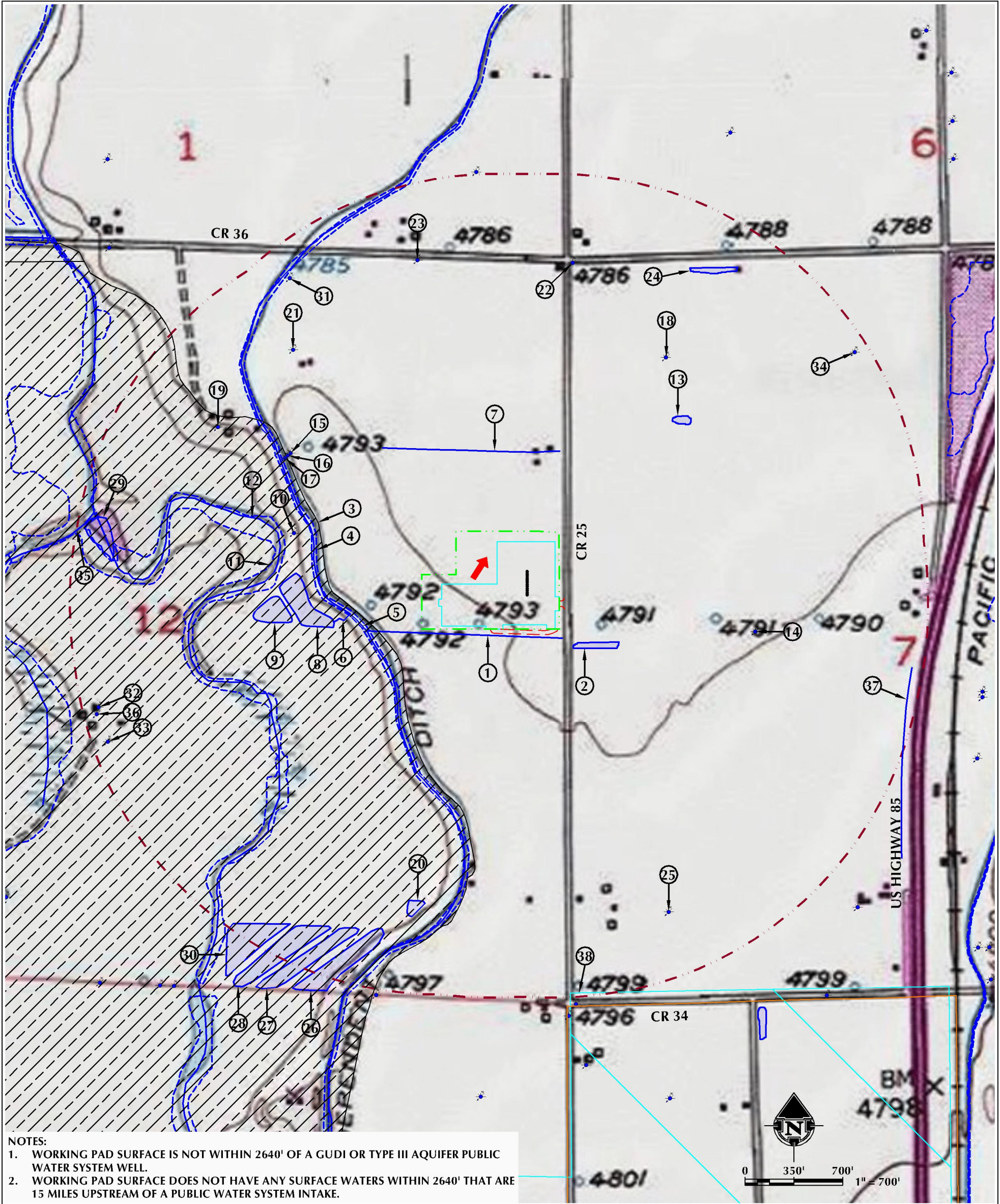
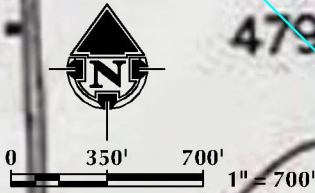


HYDROLOGY MAP
DB FARMS 40-12HZ
HORIZONTAL MULTI-WELL PAD

SE1/4 NE1/4 SECTION 12, TOWNSHIP 3 NORTH, RANGE 67 WEST, 6TH P.M.



- NOTES:
- 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. CONCRETE DITCH IS ±44' S. | 14. *WATER WELL (PERMIT #12562-R-R, PERMIT ISSUED) IS ±1411' E. | 27. *NW1 POND IS ±2245' S. |
| 2. POND (NOT PRESENT, PER 2DOT) IS ±175' SE. | 15. *WATER WELL (PERMIT #206854, WELL CONSTRUCTED) IS ±1433' NW. | 28. *NW1 POND IS ±2295' S. |
| 3. 100 YEAR FLOODPLAIN IS ±378' SW. | 16. *WATER WELL (PERMIT #206853, WELL CONSTRUCTED) IS ±1435' NW. | 29. *NW1 POND IS ±2348' W. |
| 4. RIVERINE IS ±464' SW. | 17. *WATER WELL (PERMIT #206843, WELL CONSTRUCTED) IS ±1438' NW. | 30. *NW1 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' W. | 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. NW1 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. *NW1 POND IS ±2208' S. | |

*SURFACE FEATURE NOT FIELD VERIFIED

- LEGEND
- | | |
|--------------------------------------|---|
| ● PROPOSED WELL | --- DISTURBANCE AREA (OIL AND GAS LOCATION) |
| --- PROPOSED ACCESS ROAD | --- WORKING PAD SURFACE |
| --- DITCH/CANAL/DRAINAGE | --- TYPE III AQUIFER |
| → DOWNGRADIENT | --- 100 YEAR FLOODPLAIN |
| --- 2640' WORKING PAD SURFACE BUFFER | --- WETLAND |

ALL MEASUREMENTS ARE MADE
FROM NEAREST EDGE OF
WORKING PAD SURFACE



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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.