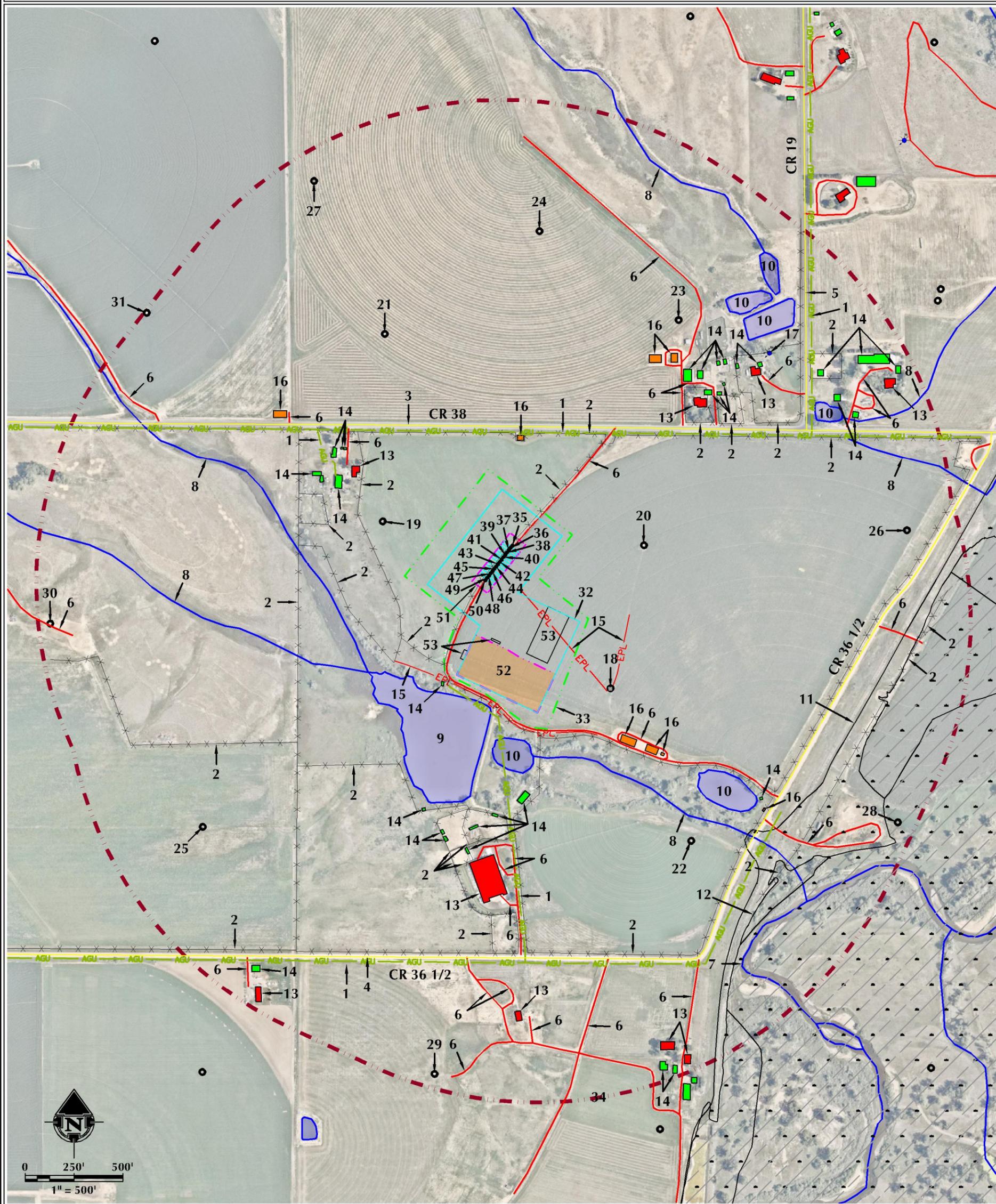


LOCATION DRAWING SWARTZ 2-4HZ HORIZONTAL MULTI-WELL PAD

NE1/4 SECTION 4, TOWNSHIP 3 NORTH, RANGE 67 WEST, 6TH P.M. WELD COUNTY, COLORADO



- | | | | |
|---|---|---|---|
| <ol style="list-style-type: none"> 1. ABOVE GROUND UTILITIES ARE ±70' S, ±296' N, ±714' NW, ±1283' S AND ±1378' E. 2. EXISTING FENCES ARE ±0' ±82' NW, ±132' S, ±177' SW, ±260' N, ±328' W, ±522' NE, ±542' SW, ±555' S, ±599' SW, ±660' W, ±787' SW, ±800' SW, ±860' NE, ±886' SW, ±990' NE, ±1065' S, ±1144' NE, ±1483' SE, ±1497' SE, ±1506' NE, ±1630' SW AND ±1727' E. 3. COUNTY ROAD 38 IS ±307' N. 4. COUNTY ROAD 36.5 IS ±1242' S. 5. COUNTY ROAD 19 IS ±1349' NE. 6. EXISTING PRIVATE ROADS ARE ±0', ±425' SE, ±696' S, ±702' NW, ±718' S, ±841' NE, ±957' S, ±977' NE, ±1070' NW, ±1080' NE, ±1283' SE, ±1306' S, ±1312' S, ±1314' NE, ±1388' S, ±1512' SE, ±1533' E, ±1562' S, ±1562' E, ±1612' NW, ±1635' NE, ±1692' S, ±1802' SW AND ±1835' W. 7. ST VRAIN CREEK IS ±1590' SE. 8. EXISTING DITCHES/INTERMITTENT DRAINAGES ARE ±226' S, ±454' W, ±454' W, ±1547' E, ±1556' NE AND ±1786' NE. 9. MOELLER RESERVOIR IS ±75' SW. 10. EXISTING PONDS ARE ±161' SW, ±881' SE, ±1390' NE, ±1434' NE, ±1437' NE AND ±1653' NE. 11. EXISTING 100-YEAR FLOODPLAIN (EFFECTIVE, 2016) IS ±1244' SE. 12. EXISTING 100-YEAR FLOODPLAIN (PRELIMINARY, 2020) IS ±1443' SE. 13. EXISTING RESIDENTIAL BUILDING UNITS ARE ±626' NW, ±762' S, ±952' NE, ±1271' NE, ±1533' S, ±1802' S, ±1817' NE, ±1884' SW AND ±1909' SE. 14. EXISTING BUILDINGS ARE ±73' SW, ±407' S, ±562' S, ±648' NW, ±651' SW, ±686' SW, ±743' NW, ±748' SW, ±732' NW, ±769' NW, ±770' NW, ±772' SW, ±779' SW, ±1009' NE, ±1028' NE, ±1067' NE, ±1074' NE, ±1130' NE, ±1182' NE, ±1209' NE, ±1219' SE, ±1239' NE, ±1328' NE, ±1545' NE, ±1555' NE, ±1606' E, ±1755' NE, ±1796' SW, ±1897' S, ±1902' NE AND ±1937' S. 15. EXISTING BURIED PIPELINES ARE ±0', ±46' SW AND ±242' E. 16. EXISTING FACILITIES ARE ±265' N, ±442' SE, ±579' SE, ±662' SE, ±977' NE, ±1047' NE, ±1095' NW AND ±1255' SE. 17. EXISTING WATER WELL (PERMIT #255948) IS ±1418' NE. 18. EXISTING WELL: MAGNUSON 1 (PA) IS ±287' SE. 19. EXISTING WELL: McDONALD 2-4 (SI) IS ±379' NW. 20. EXISTING WELL: McDONALD 1-4 (SI) IS ±421' E. 21. EXISTING WELL: CAMENISCH 15-33 (PA) IS ±998' NW. 22. EXISTING WELL: McDONALD 8-4 (SI) IS ±1026' SE. 23. EXISTING WELL: HSR-CAMENISCH 16-33 (PA) IS ±1241' NE. 24. EXISTING WELL: CAMENISCH 1 (PA) IS ±1338' N. 25. EXISTING WELL: CAMENISCH P 4-6 (PA) IS ±1515' SW. 26. EXISTING WELL: MST 11-3 (PA) IS ±1737' E. 27. EXISTING WELL: CAMENISCH 23-33 (PR) IS ±1853' NW. 28. EXISTING WELL: McDONALD 5-3A (PR) IS ±1908' SE. 29. EXISTING WELL: FREALUF 33-4A (PA) IS ±1927' S. 30. EXISTING WELL: MAGNUSON 2 (PA) IS ±1939' W. 31. EXISTING WELL: KOESTER 24-33 (SI) IS ±1990' NW. 32. WORKING PAD SURFACE 33. PROPOSED OIL & GAS LOCATION 34. 2000' WORKING PAD SURFACE BUFFER 35. PROPOSED WELL: SWARTZ 4-1HZ 36. PROPOSED WELL: SWARTZ 4-2HZ 37. PROPOSED WELL: SWARTZ 4-3HZ 38. PROPOSED WELL: SWARTZ 4-4HZ 39. PROPOSED WELL: SWARTZ 4-5HZ 40. PROPOSED WELL: SWARTZ 4-6HZ 41. PROPOSED WELL: SWARTZ 4-7HZ 42. PROPOSED WELL: SWARTZ 4-8HZ 43. PROPOSED WELL: SWARTZ 4-9HZ 44. PROPOSED WELL: SWARTZ 4-10HZ 45. PROPOSED WELL: SWARTZ 4-11HZ 46. PROPOSED WELL: SWARTZ 4-12HZ 47. PROPOSED WELL: SWARTZ 4-13HZ 48. PROPOSED WELL: SWARTZ 4-14HZ 49. PROPOSED WELL: SWARTZ 4-15HZ 50. PROPOSED WELL: SWARTZ 4-16HZ 51. PUMP JACK OPERATIONS AREA 52. PROPOSED SWARTZ 2-4HZ FACILITY PAD 53. TEMPORARY EQUIPMENT AREA | <ol style="list-style-type: none"> 1. EXISTING 100-YEAR FLOODPLAIN (EFFECTIVE, 2016) IS ±1244' SE. 2. EXISTING 100-YEAR FLOODPLAIN (PRELIMINARY, 2020) IS ±1443' SE. 3. EXISTING RESIDENTIAL BUILDING UNITS ARE ±626' NW, ±762' S, ±952' NE, ±1271' NE, ±1533' S, ±1802' S, ±1817' NE, ±1884' SW AND ±1909' SE. 4. EXISTING BUILDINGS ARE ±73' SW, ±407' S, ±562' S, ±648' NW, ±651' SW, ±686' SW, ±743' NW, ±748' SW, ±732' NW, ±769' NW, ±770' NW, ±772' SW, ±779' SW, ±1009' NE, ±1028' NE, ±1067' NE, ±1074' NE, ±1130' NE, ±1182' NE, ±1209' NE, ±1219' SE, ±1239' NE, ±1328' NE, ±1545' NE, ±1555' NE, ±1606' E, ±1755' NE, ±1796' SW, ±1897' S, ±1902' NE AND ±1937' S. 5. EXISTING BURIED PIPELINES ARE ±0', ±46' SW AND ±242' E. 6. EXISTING FACILITIES ARE ±265' N, ±442' SE, ±579' SE, ±662' SE, ±977' NE, ±1047' NE, ±1095' NW AND ±1255' SE. 7. EXISTING WATER WELL (PERMIT #255948) IS ±1418' NE. 8. EXISTING WELL: MAGNUSON 1 (PA) IS ±287' SE. 9. EXISTING WELL: McDONALD 2-4 (SI) IS ±379' NW. 10. EXISTING WELL: McDONALD 1-4 (SI) IS ±421' E. 11. EXISTING WELL: CAMENISCH 15-33 (PA) IS ±998' NW. 12. EXISTING WELL: McDONALD 8-4 (SI) IS ±1026' SE. 13. EXISTING WELL: HSR-CAMENISCH 16-33 (PA) IS ±1241' NE. 14. EXISTING WELL: CAMENISCH 1 (PA) IS ±1338' N. 15. EXISTING WELL: CAMENISCH P 4-6 (PA) IS ±1515' SW. 16. EXISTING WELL: MST 11-3 (PA) IS ±1737' E. 17. EXISTING WELL: CAMENISCH 23-33 (PR) IS ±1853' NW. 18. EXISTING WELL: McDONALD 5-3A (PR) IS ±1908' SE. 19. EXISTING WELL: FREALUF 33-4A (PA) IS ±1927' S. 20. EXISTING WELL: MAGNUSON 2 (PA) IS ±1939' W. 21. EXISTING WELL: KOESTER 24-33 (SI) IS ±1990' NW. 22. WORKING PAD SURFACE 23. PROPOSED OIL & GAS LOCATION 24. 2000' WORKING PAD SURFACE BUFFER 25. PROPOSED WELL: SWARTZ 4-1HZ 26. PROPOSED WELL: SWARTZ 4-2HZ 27. PROPOSED WELL: SWARTZ 4-3HZ 28. PROPOSED WELL: SWARTZ 4-4HZ 29. PROPOSED WELL: SWARTZ 4-5HZ 30. PROPOSED WELL: SWARTZ 4-6HZ 31. PROPOSED WELL: SWARTZ 4-7HZ 32. PROPOSED WELL: SWARTZ 4-8HZ 33. PROPOSED WELL: SWARTZ 4-9HZ 34. PROPOSED WELL: SWARTZ 4-10HZ 35. PROPOSED WELL: SWARTZ 4-11HZ 36. PROPOSED WELL: SWARTZ 4-12HZ 37. PROPOSED WELL: SWARTZ 4-13HZ 38. PROPOSED WELL: SWARTZ 4-14HZ 39. PROPOSED WELL: SWARTZ 4-15HZ 40. PROPOSED WELL: SWARTZ 4-16HZ 41. PUMP JACK OPERATIONS AREA 42. PROPOSED SWARTZ 2-4HZ FACILITY PAD 43. TEMPORARY EQUIPMENT AREA | <ol style="list-style-type: none"> 1. EXISTING 100-YEAR FLOODPLAIN (EFFECTIVE, 2016) IS ±1244' SE. 2. EXISTING 100-YEAR FLOODPLAIN (PRELIMINARY, 2020) IS ±1443' SE. 3. EXISTING RESIDENTIAL BUILDING UNITS ARE ±626' NW, ±762' S, ±952' NE, ±1271' NE, ±1533' S, ±1802' S, ±1817' NE, ±1884' SW AND ±1909' SE. 4. EXISTING BUILDINGS ARE ±73' SW, ±407' S, ±562' S, ±648' NW, ±651' SW, ±686' SW, ±743' NW, ±748' SW, ±732' NW, ±769' NW, ±770' NW, ±772' SW, ±779' SW, ±1009' NE, ±1028' NE, ±1067' NE, ±1074' NE, ±1130' NE, ±1182' NE, ±1209' NE, ±1219' SE, ±1239' NE, ±1328' NE, ±1545' NE, ±1555' NE, ±1606' E, ±1755' NE, ±1796' SW, ±1897' S, ±1902' NE AND ±1937' S. 5. EXISTING BURIED PIPELINES ARE ±0', ±46' SW AND ±242' E. 6. EXISTING FACILITIES ARE ±265' N, ±442' SE, ±579' SE, ±662' SE, ±977' NE, ±1047' NE, ±1095' NW AND ±1255' SE. 7. EXISTING WATER WELL (PERMIT #255948) IS ±1418' NE. 8. EXISTING WELL: MAGNUSON 1 (PA) IS ±287' SE. 9. EXISTING WELL: McDONALD 2-4 (SI) IS ±379' NW. 10. EXISTING WELL: McDONALD 1-4 (SI) IS ±421' E. 11. EXISTING WELL: CAMENISCH 15-33 (PA) IS ±998' NW. 12. EXISTING WELL: McDONALD 8-4 (SI) IS ±1026' SE. 13. EXISTING WELL: HSR-CAMENISCH 16-33 (PA) IS ±1241' NE. 14. EXISTING WELL: CAMENISCH 1 (PA) IS ±1338' N. 15. EXISTING WELL: CAMENISCH P 4-6 (PA) IS ±1515' SW. 16. EXISTING WELL: MST 11-3 (PA) IS ±1737' E. 17. EXISTING WELL: CAMENISCH 23-33 (PR) IS ±1853' NW. 18. EXISTING WELL: McDONALD 5-3A (PR) IS ±1908' SE. 19. EXISTING WELL: FREALUF 33-4A (PA) IS ±1927' S. 20. EXISTING WELL: MAGNUSON 2 (PA) IS ±1939' W. 21. EXISTING WELL: KOESTER 24-33 (SI) IS ±1990' NW. 22. WORKING PAD SURFACE 23. PROPOSED OIL & GAS LOCATION 24. 2000' WORKING PAD SURFACE BUFFER 25. PROPOSED WELL: SWARTZ 4-1HZ 26. PROPOSED WELL: SWARTZ 4-2HZ 27. PROPOSED WELL: SWARTZ 4-3HZ 28. PROPOSED WELL: SWARTZ 4-4HZ 29. PROPOSED WELL: SWARTZ 4-5HZ 30. PROPOSED WELL: SWARTZ 4-6HZ 31. PROPOSED WELL: SWARTZ 4-7HZ 32. PROPOSED WELL: SWARTZ 4-8HZ 33. PROPOSED WELL: SWARTZ 4-9HZ 34. PROPOSED WELL: SWARTZ 4-10HZ 35. PROPOSED WELL: SWARTZ 4-11HZ 36. PROPOSED WELL: SWARTZ 4-12HZ 37. PROPOSED WELL: SWARTZ 4-13HZ 38. PROPOSED WELL: SWARTZ 4-14HZ 39. PROPOSED WELL: SWARTZ 4-15HZ 40. PROPOSED WELL: SWARTZ 4-16HZ 41. PUMP JACK OPERATIONS AREA 42. PROPOSED SWARTZ 2-4HZ FACILITY PAD 43. TEMPORARY EQUIPMENT AREA | <ol style="list-style-type: none"> 1. EXISTING 100-YEAR FLOODPLAIN (EFFECTIVE, 2016) IS ±1244' SE. 2. EXISTING 100-YEAR FLOODPLAIN (PRELIMINARY, 2020) IS ±1443' SE. 3. EXISTING RESIDENTIAL BUILDING UNITS ARE ±626' NW, ±762' S, ±952' NE, ±1271' NE, ±1533' S, ±1802' S, ±1817' NE, ±1884' SW AND ±1909' SE. 4. EXISTING BUILDINGS ARE ±73' SW, ±407' S, ±562' S, ±648' NW, ±651' SW, ±686' SW, ±743' NW, ±748' SW, ±732' NW, ±769' NW, ±770' NW, ±772' SW, ±779' SW, ±1009' NE, ±1028' NE, ±1067' NE, ±1074' NE, ±1130' NE, ±1182' NE, ±1209' NE, ±1219' SE, ±1239' NE, ±1328' NE, ±1545' NE, ±1555' NE, ±1606' E, ±1755' NE, ±1796' SW, ±1897' S, ±1902' NE AND ±1937' S. 5. EXISTING BURIED PIPELINES ARE ±0', ±46' SW AND ±242' E. 6. EXISTING FACILITIES ARE ±265' N, ±442' SE, ±579' SE, ±662' SE, ±977' NE, ±1047' NE, ±1095' NW AND ±1255' SE. 7. EXISTING WATER WELL (PERMIT #255948) IS ±1418' NE. 8. EXISTING WELL: MAGNUSON 1 (PA) IS ±287' SE. 9. EXISTING WELL: McDONALD 2-4 (SI) IS ±379' NW. 10. EXISTING WELL: McDONALD 1-4 (SI) IS ±421' E. 11. EXISTING WELL: CAMENISCH 15-33 (PA) IS ±998' NW. 12. EXISTING WELL: McDONALD 8-4 (SI) IS ±1026' SE. 13. EXISTING WELL: HSR-CAMENISCH 16-33 (PA) IS ±1241' NE. 14. EXISTING WELL: CAMENISCH 1 (PA) IS ±1338' N. 15. EXISTING WELL: CAMENISCH P 4-6 (PA) IS ±1515' SW. 16. EXISTING WELL: MST 11-3 (PA) IS ±1737' E. 17. EXISTING WELL: CAMENISCH 23-33 (PR) IS ±1853' NW. 18. EXISTING WELL: McDONALD 5-3A (PR) IS ±1908' SE. 19. EXISTING WELL: FREALUF 33-4A (PA) IS ±1927' S. 20. EXISTING WELL: MAGNUSON 2 (PA) IS ±1939' W. 21. EXISTING WELL: KOESTER 24-33 (SI) IS ±1990' NW. 22. WORKING PAD SURFACE 23. PROPOSED OIL & GAS LOCATION 24. 2000' WORKING PAD SURFACE BUFFER 25. PROPOSED WELL: SWARTZ 4-1HZ 26. PROPOSED WELL: SWARTZ 4-2HZ 27. PROPOSED WELL: SWARTZ 4-3HZ 28. PROPOSED WELL: SWARTZ 4-4HZ 29. PROPOSED WELL: SWARTZ 4-5HZ 30. PROPOSED WELL: SWARTZ 4-6HZ 31. PROPOSED WELL: SWARTZ 4-7HZ 32. PROPOSED WELL: SWARTZ 4-8HZ 33. PROPOSED WELL: SWARTZ 4-9HZ 34. PROPOSED WELL: SWARTZ 4-10HZ 35. PROPOSED WELL: SWARTZ 4-11HZ 36. PROPOSED WELL: SWARTZ 4-12HZ 37. PROPOSED WELL: SWARTZ 4-13HZ 38. PROPOSED WELL: SWARTZ 4-14HZ 39. PROPOSED WELL: SWARTZ 4-15HZ 40. PROPOSED WELL: SWARTZ 4-16HZ 41. PUMP JACK OPERATIONS AREA 42. PROPOSED SWARTZ 2-4HZ FACILITY PAD 43. TEMPORARY EQUIPMENT AREA |
|---|---|---|---|

LEGEND <ul style="list-style-type: none"> ● EXISTING WELL ○ PROPOSED WELL ○ WATER WELL — PUBLIC ROAD — PRIVATE ROAD — EXISTING FENCE — TEMPORARY EQUIPMENT AREA — WORKING PAD SURFACE — 2000' WORKING PAD SURFACE BUFFER — PROPOSED OIL & GAS LOCATION — PUMP JACK AREA — DITCH/CANAL/DRAINAGE — POND — PROPOSED FACILITY — EXISTING FACILITY — EXISTING BUILDING — RESIDENTIAL BUILDING UNIT — NON-RESIDENTIAL BUILDING UNIT — 100-YEAR FLOODPLAIN (PRELIMINARY, 2020) — 100-YEAR FLOODPLAIN (EFFECTIVE, 2016) — AGU — ABOVE GROUND UTILITY LINE — UGP — BURIED POWER LINE — EPL — EXISTING PIPELINE 	<p style="text-align: center;">ALL MEASUREMENTS ARE MADE FROM NEAREST EDGE OF WORKING PAD SURFACE</p> <p style="text-align: center;">SURFACE USE: IRRIGATED CROPLAND</p> <p style="text-align: center;">NEAREST BUILDING UNIT: ±626' NW</p>
--	--

609 CONSULTING, LLC LOVELAND OFFICE 6706 North Franklin Avenue Loveland, Colorado 80538 Phone: 970-776-4331 SHERIDAN OFFICE 1095 Saberton Avenue Sheridan, Wyoming 82801 Phone: 307-674-0609	DATE SURVEYED: 11/8/21 DATE: 11/24/21 DRAFTER: GLK REVISED:	DATA SOURCES & NOTES: - AERIAL COURTESY OF NEARMAP. - WATER WELLS COURTESY OF COLORADO DIVISION OF WATER RESOURCES. - MANY FEATURES ON THIS MAP COME FROM PUBLICLY AVAILABLE DATA AND FEATURES 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.
---	--	---	---

K:\AMD\2018\2018_193_SWARTZ_2-4HZ_SEC_4\DWG\SWARTZ_2-4HZ_OPTIONAL.DWG, 11/29/2021 12:48:50 PM, dlewin