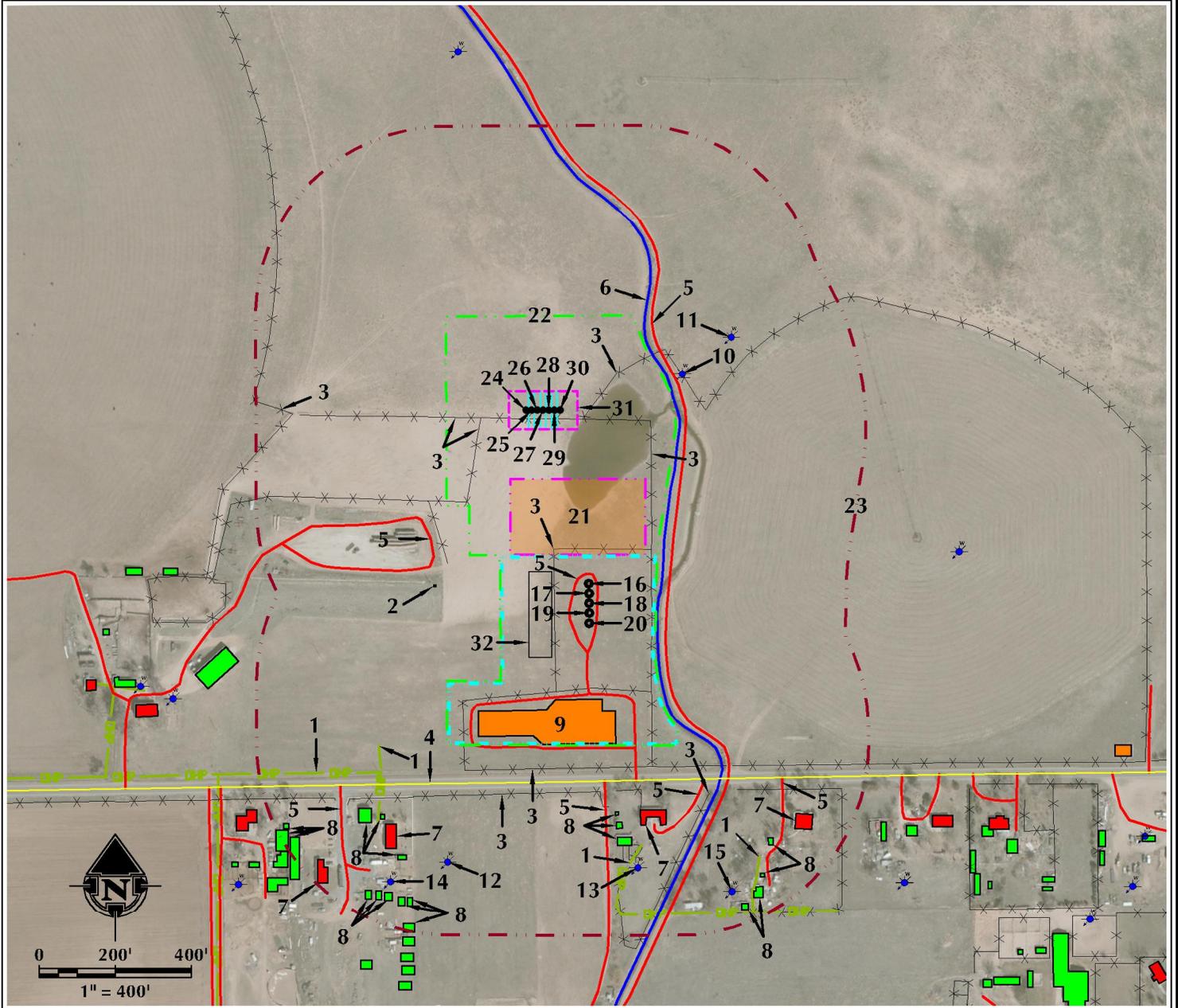


LOCATION DRAWING PETTINGER 20-18HZ HORIZONTAL MULTI-WELL PAD

SW1/4 SE1/4 SECTION 18, TOWNSHIP 1 NORTH, RANGE 65 WEST, 6TH P.M.



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| <p>1. OVERHEAD POWER LINES ARE ±963' SW, ±1024' S, ±1183' S AND ±1324' SE.</p> <p>2. EXISTING ELECTRIC BOX IS ±517' SW.</p> <p>3. EXISTING FENCES ARE ±22' S, ±120' W, ±150' E, ±329' E, ±371' S, ±613' W, ±942' S, ±1006' S AND ±1115' SE.</p> <p>4. COUNTY ROAD 8 IS ±967' S.</p> <p>5. EXISTING PRIVATE ROADS ARE ±386' NE, ±398' SW, ±458' S, ±996' S, ±1074' SE, ±1099' SW AND ±1177' SE.</p> <p>6. BOWLES SEEP CANAL IS ±364' NE.</p> <p>7. EXISTING RESIDENCES/BUILDING UNITS ARE ±1092' S, ±1139' S, ±1274' SE AND ±1294' SW.</p> <p>8. EXISTING BUILDINGS ARE ±1081' S, ±1108' S, ±1122' S, ±1125' S, ±1146' S, ±1210' S, ±1252' SW, ±1269' SW, ±1269' SW, ±1291' SE, ±1314' S, ±1314' S, ±1318' S, ±1319' S, ±1326' S, ±1363' SE, ±1380' S, ±1391' SE AND ±1414' SE.</p> <p>9. EXISTING FACILITY IS ±765' S.</p> | <p>10. *EXISTING WATER WELL (PERMIT#279134) IS ±423' E.</p> <p>11. *EXISTING WATER WELL (PERMIT#279133) IS ±574' E.</p> <p>12. *EXISTING WATER WELL (PERMIT#237967) IS ±1204' S.</p> <p>13. *EXISTING WATER WELL (PERMIT#185685) IS ±1237' S.</p> <p>14. *EXISTING WATER WELL (PERMIT#24027-A) IS ±1288' S.</p> <p>15. *EXISTING WATER WELL (PERMIT#23586-1) IS ±1376' SE.</p> <p>16. EXISTING WELL: PETTINGER 28N-18HZ IS ±484' S.</p> <p>17. EXISTING WELL: PETTINGER 2C-18HZ IS ±509' S.</p> <p>18. EXISTING WELL: PETTINGER 27C-18HZ IS ±533' S.</p> <p>19. EXISTING WELL: PETTINGER 1N-18HZ IS ±558' S.</p> <p>20. EXISTING WELL: PETTINGER 1C-18HZ IS ±584' S.</p> <p>21. PROPOSED PETTINGER 20-18HZ FACILITY PAD IS ±181' S.</p> <p>22. OPERATIONAL DISTURBANCE AREA.</p> <p>23. 500' BUFFER.</p> | <p>24. PROPOSED WELL: PETTINGER 18-1HZ.</p> <p>25. PROPOSED WELL: PETTINGER 18-2HZ.</p> <p>26. PROPOSED WELL: PETTINGER 18-3HZ.</p> <p>27. PROPOSED WELL: PETTINGER 18-4HZ.</p> <p>28. PROPOSED WELL: PETTINGER 18-5HZ.</p> <p>29. PROPOSED WELL: PETTINGER 18-6HZ.</p> <p>30. PROPOSED WELL: PETTINGER 18-7HZ.</p> <p>31. PUMP JACK OPERATIONS AREA.</p> <p>32. TEMPORARY EQUIPMENT.</p> |
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*SURFACE FEATURE NOT FIELD VERIFIED

LEGEND

- | | | | |
|--|---|---|--|
| <p>● EXISTING WELL</p> <p>● PROPOSED WELL</p> <p>⊗ WATER WELL</p> <p>⊗ EXISTING FENCE</p> <p>— PUBLIC ROAD</p> <p>— PRIVATE ROAD</p> | <p>--- 500' BUFFER</p> <p>--- PROPOSED DISTURBANCE AREA</p> <p>--- PREVIOUSLY DISTURBED AREA</p> <p>--- PUMP JACK AREA</p> <p>--- PROPOSED FACILITY</p> <p>--- DITCH/CANAL/DRAINAGE</p> | <p>—DP— OVERHEAD POWER LINE</p> <p>— EXISTING FACILITY</p> <p>— EXISTING BUILDINGS</p> <p>— RESIDENCE/BUILDING UNIT</p> <p>□ ELECTRIC BOX</p> | |
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* REFERENCE LOCATION *

ALL MEASUREMENTS ARE MADE FROM
REFERENCE WELL: PETTINGER 18-1HZ
LAT: 40.046850° LONG: -104.703631° (NAD83)
EXISTING GROUND ELEVATION = 4998.6'
WELL FOOTAGES: 979' FSL & 1836' FEL

SURFACE USE: RANGELAND

NEAREST BUILDING UNIT: ±1092' S

PREPARED FOR:
Kerr-McGee Oil & Gas Onshore LP.

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DATE SURVEYED: 1/30/18
 DATE: 3/1/18
 DRAFTER: DD
 REVISED: 3/28/18

DATA SOURCES:
 - AERIAL COURTESY OF ESRI, INC.
 - WATER WELLS COURTESY OF
 COLORADO DIVISION OF WATER
 RESOURCES