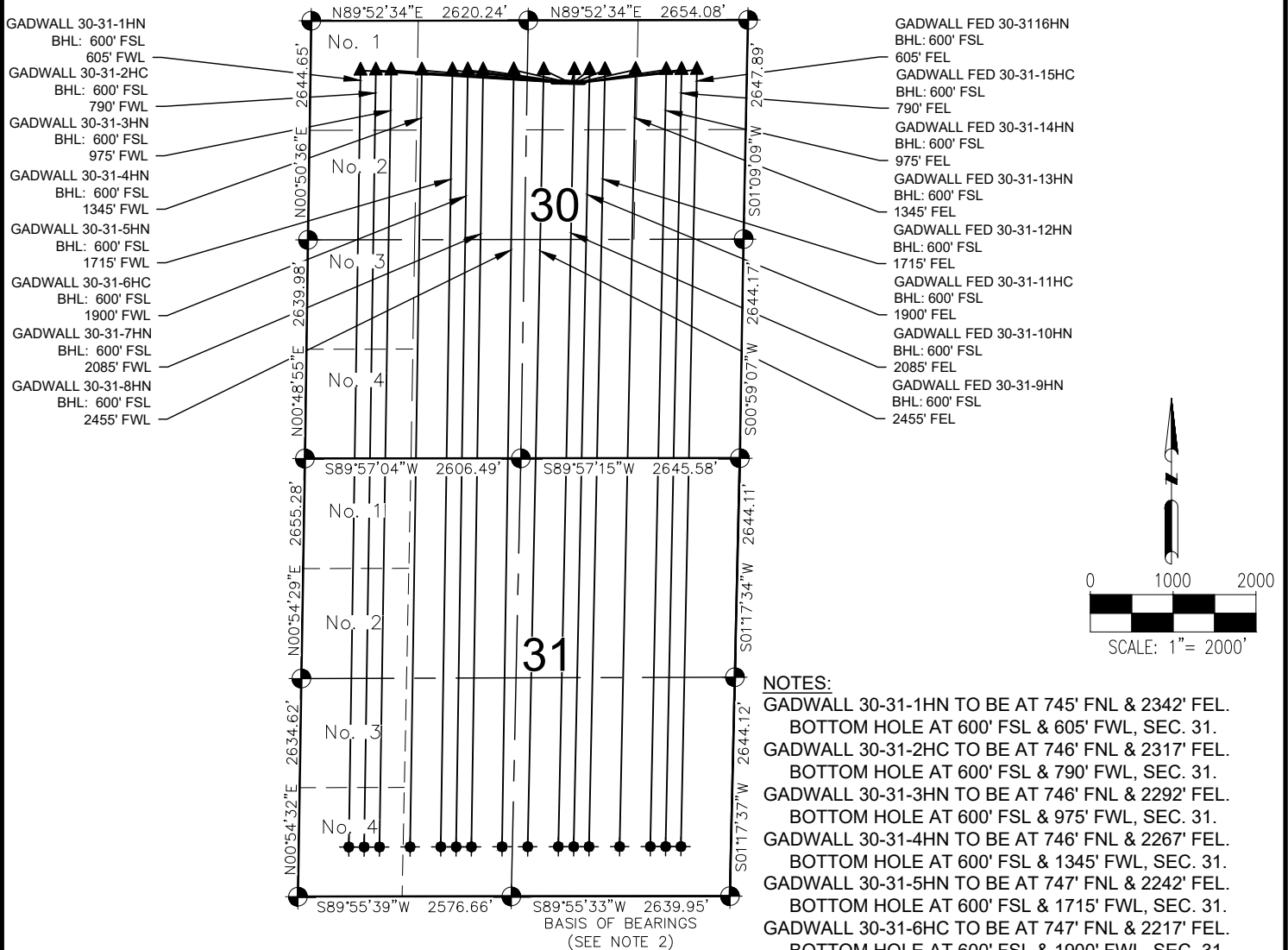


GADWALL PAD MULTI-WELL PLAN



LEGEND

- = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ▲ = LANDING POINT
- BHL = BOTTOM HOLE LOCATION

NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 31, BEARS S89°55'33"W BETWEEN THE MONUMENTS SHOWN HEREON.
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. THIS LOW DISTORTION PROJECTION (LDP) IS BASED ON THE NORTH AMERICAN DATUM OF 1983, U.S. SURVEY FOOT WITH A LATITUDE ORIGIN OF 40.655085°N, A CENTRAL MERIDIAN LONGITUDE OF 104.086861°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000232 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
- FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE.

NOTES:

- GADWALL 30-31-1HN TO BE AT 745' FNL & 2342' FEL. BOTTOM HOLE AT 600' FSL & 605' FWL, SEC. 31.
- GADWALL 30-31-2HC TO BE AT 746' FNL & 2317' FEL. BOTTOM HOLE AT 600' FSL & 790' FWL, SEC. 31.
- GADWALL 30-31-3HN TO BE AT 746' FNL & 2292' FEL. BOTTOM HOLE AT 600' FSL & 975' FWL, SEC. 31.
- GADWALL 30-31-4HN TO BE AT 746' FNL & 2267' FEL. BOTTOM HOLE AT 600' FSL & 1345' FWL, SEC. 31.
- GADWALL 30-31-5HN TO BE AT 747' FNL & 2242' FEL. BOTTOM HOLE AT 600' FSL & 1715' FWL, SEC. 31.
- GADWALL 30-31-6HC TO BE AT 747' FNL & 2217' FEL. BOTTOM HOLE AT 600' FSL & 1900' FWL, SEC. 31.
- GADWALL 30-31-7HN TO BE AT 748' FNL & 2192' FEL. BOTTOM HOLE AT 600' FSL & 2085' FWL, SEC. 31.
- GADWALL 30-31-8HN TO BE AT 748' FNL & 2167' FEL. BOTTOM HOLE AT 600' FSL & 2455' FWL, SEC. 31.
- GADWALL FED 30-31-9HN TO BE AT 749' FNL & 2142' FEL. BOTTOM HOLE AT 600' FSL & 2455' FEL, SEC. 31.
- GADWALL FED 30-31-10HN TO BE AT 749' FNL & 2117' FEL. BOTTOM HOLE AT 600' FSL & 2085' FEL, SEC. 31.
- GADWALL FED 30-31-11HC TO BE AT 750' FNL & 2092' FEL. BOTTOM HOLE AT 600' FSL & 1900' FEL, SEC. 31.
- GADWALL FED 30-31-12HN TO BE AT 750' FNL & 2067' FEL. BOTTOM HOLE AT 600' FSL & 1715' FEL, SEC. 31.
- GADWALL FED 30-31-13HN TO BE AT 751' FNL & 2042' FEL. BOTTOM HOLE AT 600' FSL & 1345' FEL, SEC. 31.
- GADWALL FED 30-31-14HN TO BE AT 751' FNL & 2017' FEL. BOTTOM HOLE AT 600' FSL & 975' FEL, SEC. 31.
- GADWALL FED 30-31-15HC TO BE AT 751' FNL & 1992' FEL. BOTTOM HOLE AT 600' FSL & 790' FEL, SEC. 31.
- GADWALL FED 30-31-16HN TO BE AT 752' FNL & 1967' FEL. BOTTOM HOLE AT 600' FSL & 605' FEL, SEC. 31.