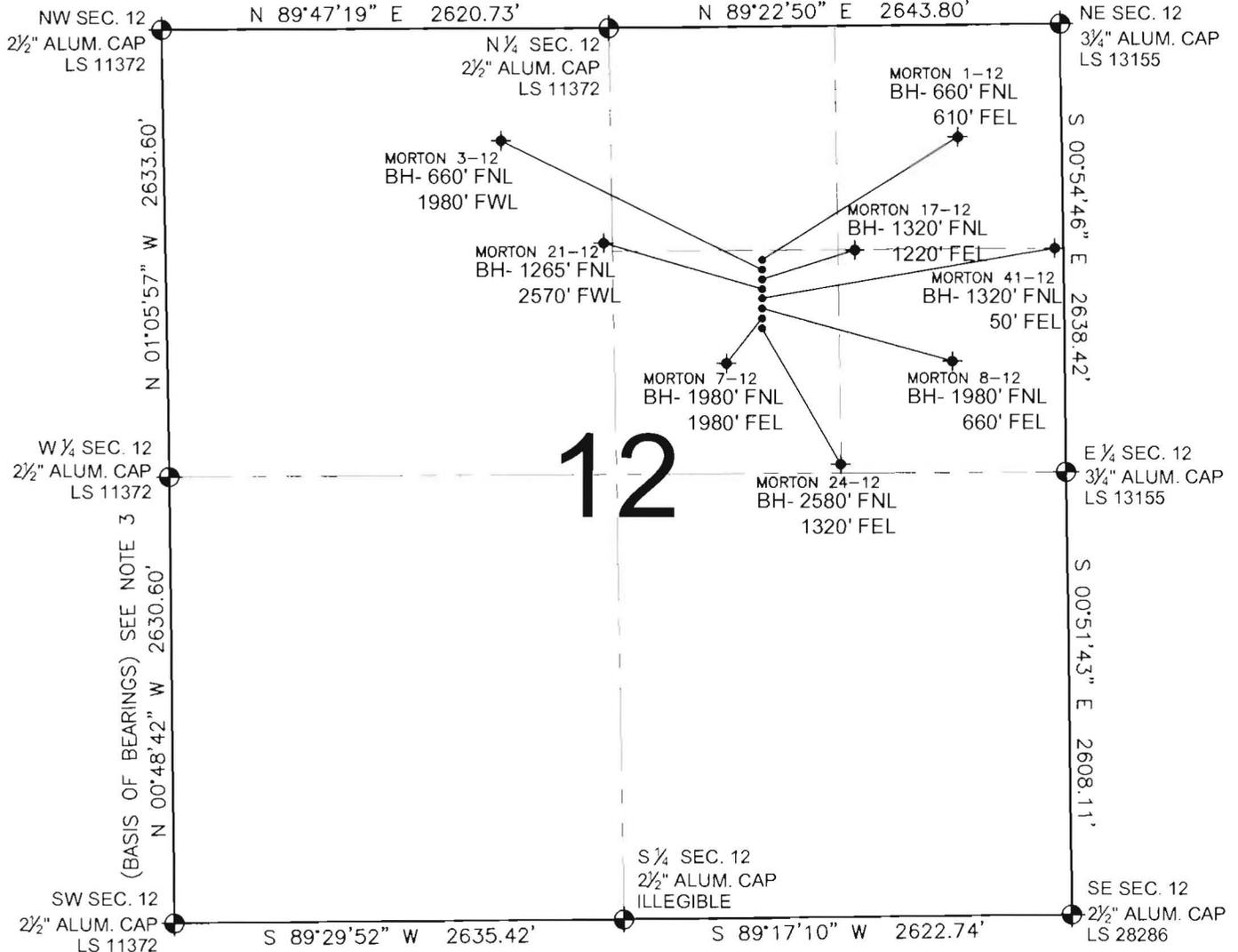


PAD DRAWING - MORTON 8 PAD

SECTION 12, TOWNSHIP 1 NORTH, RANGE 67 WEST, 6TH P.M.



LEGEND

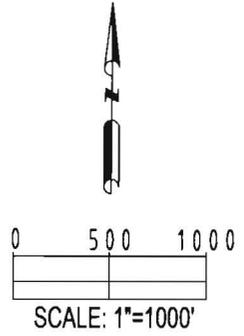
- ⊕ = EXISTING MONUMENT
- ◆ = BOTTOM HOLE
- BH= BOTTOM HOLE
- = PROPOSED WELL
- ◆ = EXISTING WELL

NOTES:

- THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM DOING 2-HOUR STATIC GPS SESSIONS AND REDUCTIONS USING O.P.U.S. SOLUTIONS.
VERTICAL = NAVD88; HORIZONTAL = NAD83/92
- THE BEARINGS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND ON THE FIELD DATE BELOW.
- DISTANCES SHOWN ARE AT GROUND LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.

NOTES:

- MORTON 1-12 TO BE AT 1372' FNL, 1763' FEL.
BOTTOM HOLE AT 660' FNL & 610' FEL.
- MORTON 3-12 TO BE AT 1382' FNL, 1762' FEL.
BOTTOM HOLE AT 660' FNL & 1980' FWL.
- MORTON 17-12 TO BE AT 1392' FNL, 1762' FEL.
BOTTOM HOLE AT 1320' FNL & 1220' FEL.
- MORTON 21-12 TO BE AT 1402' FNL, 1762' FEL.
BOTTOM HOLE AT 1265' FNL & 2570' FWL.
- MORTON 41-12 TO BE AT 1412' FNL, 1761' FEL.
BOTTOM HOLE AT 1320' FNL & 50' FWL.
- MORTON 8-12 TO BE AT 1422' FNL, 1761' FEL.
BOTTOM HOLE AT 1980' FNL & 660' FEL.
- MORTON 7-12 TO BE AT 1432' FNL, 1760' FEL.
BOTTOM HOLE AT 1980' FNL & 1980' FEL.
- MORTON 24-12 TO BE AT 1442' FNL, 1760' FEL.
BOTTOM HOLE AT 2580' FNL & 1320' FEL.



REVISIONS	
INITIAL	DATE

PREPARED BY:

PFS
Petroleum Field Services, LLC.
1801 W. 13th Ave.
Denver, CO 80204

KERR-MCGEE OIL & GAS ONSHORE LP

FIELD DATE: 05-20-10
DRAWING DATE: 06-01-10
BY: SMF

PAD NAME: MORTON 8 PAD
SURFACE LOCATION: WELD COUNTY, COLORADO SW 1/4 NE 1/4, SEC. 12, T1N, R67W