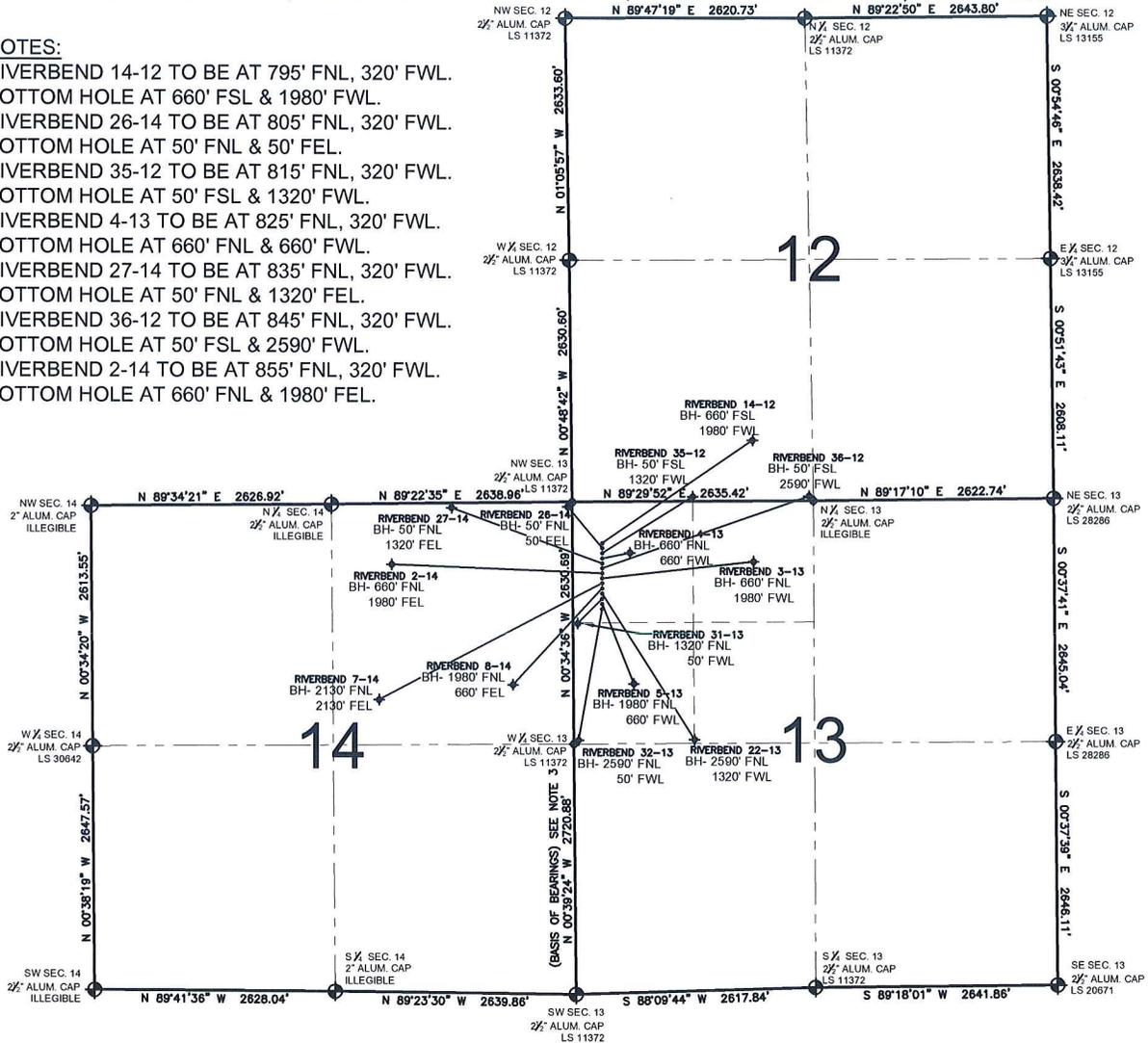


PAD DRAWING - RIVERBEND 14 PAD

SECTION 13, TOWNSHIP 1 NORTH, RANGE 67 WEST, 6TH P.M.

NOTES:

- RIVERBEND 14-12 TO BE AT 795' FNL, 320' FWL.
- BOTTOM HOLE AT 660' FSL & 1980' FWL.
- RIVERBEND 26-14 TO BE AT 805' FNL, 320' FWL.
- BOTTOM HOLE AT 50' FNL & 50' FEL.
- RIVERBEND 35-12 TO BE AT 815' FNL, 320' FWL.
- BOTTOM HOLE AT 50' FSL & 1320' FWL.
- RIVERBEND 4-13 TO BE AT 825' FNL, 320' FWL.
- BOTTOM HOLE AT 660' FNL & 660' FWL.
- RIVERBEND 27-14 TO BE AT 835' FNL, 320' FWL.
- BOTTOM HOLE AT 50' FNL & 1320' FEL.
- RIVERBEND 36-12 TO BE AT 845' FNL, 320' FWL.
- BOTTOM HOLE AT 50' FSL & 2590' FWL.
- RIVERBEND 2-14 TO BE AT 855' FNL, 320' FWL.
- BOTTOM HOLE AT 660' FNL & 1980' FEL.



LEGEND

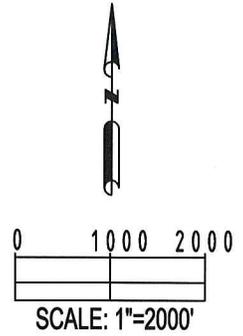
- ⊙ = EXISTING MONUMENT
- = PROPOSED WELL
- ◆ = BOTTOM HOLE
- ◆ = EXISTING WELL
- BH= BOTTOM HOLE

NOTES:

1. THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. 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
3. THE BEARINGS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND ON THE FIELD DATE BELOW.
4. DISTANCES SHOWN ARE AT GRID LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.

NOTES:

- RIVERBEND 3-13 TO BE AT 865' FNL, 320' FWL.
- BOTTOM HOLE AT 660' FNL & 1980' FWL.
- RIVERBEND 7-14 TO BE AT 875' FNL, 320' FWL.
- BOTTOM HOLE AT 2130' FNL & 2130' FEL.
- RIVERBEND 8-14 TO BE AT 885' FNL, 320' FWL.
- BOTTOM HOLE AT 1980' FNL & 660' FEL.
- RIVERBEND 22-13 TO BE AT 895' FNL, 320' FWL.
- BOTTOM HOLE AT 2590' FNL & 1320' FWL.
- RIVERBEND 31-13 TO BE AT 905' FNL, 320' FWL.
- BOTTOM HOLE AT 1320' FNL & 50' FWL.
- RIVERBEND 5-13 TO BE AT 915' FNL, 320' FWL.
- BOTTOM HOLE AT 1980' FNL & 660' FWL.
- RIVERBEND 32-13 TO BE AT 925' FNL, 320' FWL.
- BOTTOM HOLE AT 2590' FNL & 50' FWL.



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:

04-27-10

PAD NAME:

RIVERBEND 14 PAD

DRAWING DATE:

04-30-10

SURFACE LOCATION:

WELD COUNTY, COLORADO

NW 1/4 NW 1/4, SEC. 13, T1N, R67W

BY:

SMF