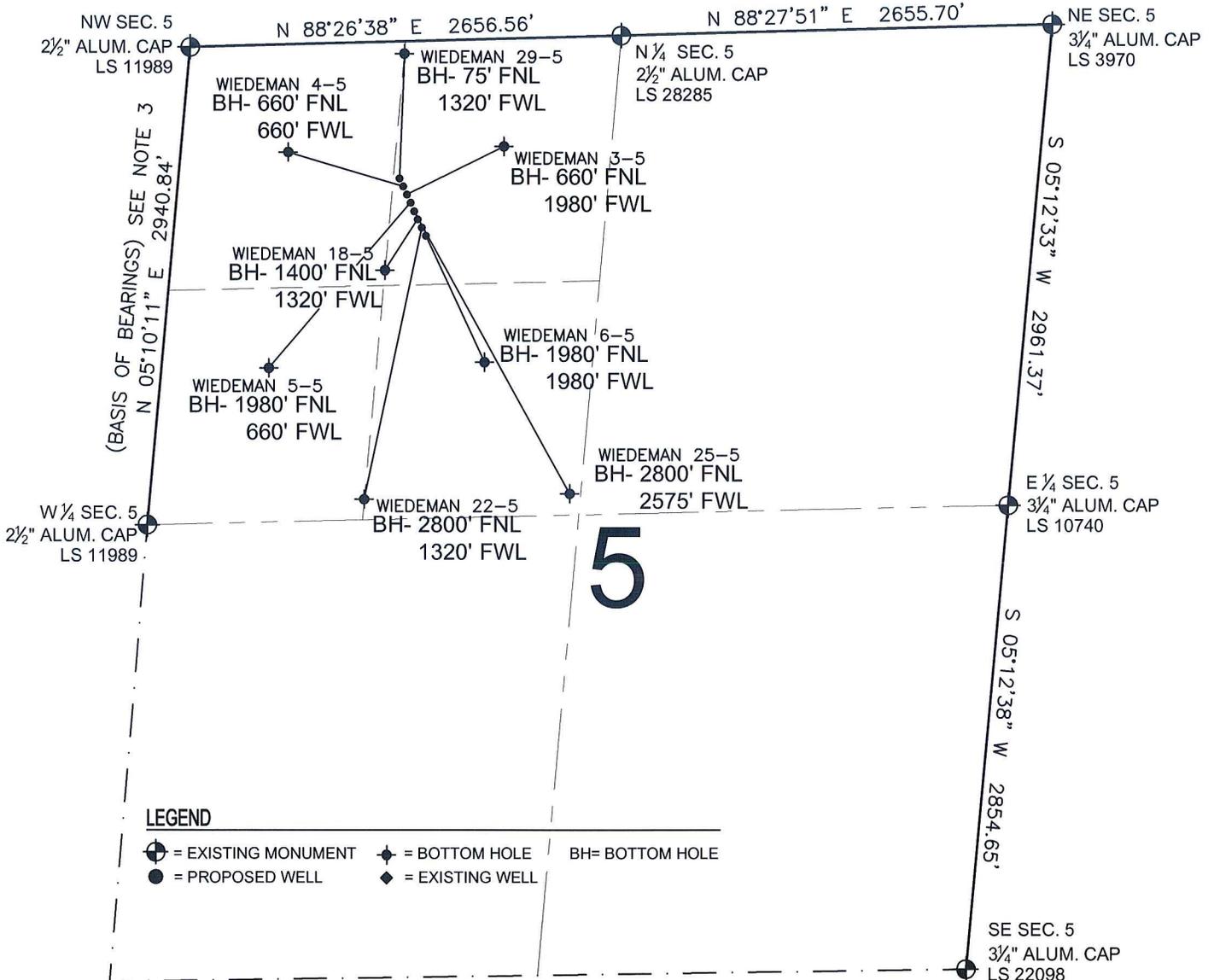


PAD DRAWING - WIEDEMAN 8 PAD

SECTION 5, TOWNSHIP 5 NORTH, RANGE 66 WEST, 6TH P.M.



LEGEND

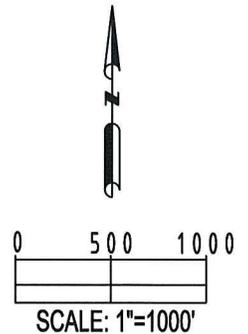
- ⊕ = EXISTING MONUMENT
- = PROPOSED WELL
- ⬤ = BOTTOM HOLE
- ◆ = EXISTING WELL
- BH= BOTTOM HOLE

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 GROUND LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.

NOTES:

- WIEDEMAN 6-5 TO BE AT 1179' FNL, 1390' FWL.
- BOTTOM HOLE AT 1980' FNL & 1980' FWL.
- WIEDEMAN 22-5 TO BE AT 1164' FNL, 1384' FWL.
- BOTTOM HOLE AT 2800' FNL & 1320' FWL.
- WIEDEMAN 18-5 TO BE AT 1148' FNL, 1378' FWL.
- BOTTOM HOLE AT 1400' FNL & 1320' FWL.
- WIEDEMAN 25-5 TO BE AT 1133' FNL, 1371' FWL.
- BOTTOM HOLE AT 2800' FNL & 2575' FWL.
- WIEDEMAN 5-5 TO BE AT 1118' FNL, 1365' FWL.
- BOTTOM HOLE AT 1980' FNL & 660' FWL.
- WIEDEMAN 3-5 TO BE AT 1102' FNL, 1358' FWL.
- BOTTOM HOLE AT 660' FNL & 1980' FWL.
- WIEDEMAN 4-5 TO BE AT 1087' FNL, 1352' FWL.
- BOTTOM HOLE AT 660' FNL & 660' FWL.
- WIEDEMAN 29-5 TO BE AT 1072' FNL, 1346' FWL.
- BOTTOM HOLE AT 75' FNL & 1320' FWL.



REVISIONS		PREPARED BY:
INITIAL	DATE	
		 Petroleum Field Services, LLC. 1801 W. 13th Ave. Denver, CO 80204

KERR-MCGEE OIL & GAS ONSHORE LP

FIELD DATE: 04-08-10	PAD NAME: WIEDEMAN 8 PAD
DRAWING DATE: 04-14-10	SURFACE LOCATION:
BY: SMF	WELD COUNTY, COLORADO NE 1/4 NW 1/4, SEC. 5, T5N, R66W