Use safety factor of 70% for collapse and burst pressures.
Assume 2-7/8" workstring will be used.

Notes:
1. Cement slurry used in this procedure shall be Class "H" neat mixed @ 15.7 ppg and Class "C" neat mixed @ 14.8 ppg.
2. All mud shall be 9.5 ppg with 25 lbs gel/bbl brine.
3. Notify BLM prior to commencing any work.

Recommended Procedure:

1. Prepare well for P&A:

   A. MIRU. Bleed well pressure down. Kill well with 9.5 ppg mud if needed.
   B. ND wellhead and NU BOP.
   C. GIH w/7" RBP retrieving head and WS. Release RBP @ 8885'. POOH.

   Note: Use caution, 7" casing cut-off at 2228'.

2. Set CIBP and test 7" casing:

   A. GIH w/7" CIBP, setting tool, 7" model "R" packer, and WS. Set CIBP @ 8880'. Pump 186 bbls mud.
   B. Test CIBP via packer. If CIBP holds continue with procedure. IF CIBP does not hold notify engineering.
   C. Set Model "R" packer @ 2280'. Test 7" casing to 500 psi for 15 minutes. If pressure holds continue with procedure. If pressure does not hold, isolate leak and notify engineering.
   D. POOH with WS.

3. Spot cement on CIBP:

   A. GIH with dump bailer and wireline. Spot 18 sx Class "H" cement on CIBP @ 8880'.
   B. POOH with bailer and wireline.

   Note: Use caution, 7" casing cut-off @ 2228.

4. Circulate cement up 7" X 9-5/8" annulus and set cement plug across intermediate casing shoe and across Grayburg-San Andres formation:

   A. MIRU wireline services.
   B. GIH with a 4" casing gun loaded w/4JSPF (120° phase, .4" EHD, centralized) and CCL.
   C. Perforate 7" production casing @ 4790'. POOH.
   D. GIH w/7" cement retainer and WS. Set cement retainer @ 4600'. Pump 275 sacks of Class "C" cement.