9. The proposed casing program is as follows:

   Surface: 13-3/8" 48# H40 ST&C new casing set at 400'

   Intermediate: 8-5/8" 32# K55 ST&C new casing from 0-1500'

   Production: 4-1/2" 11.6# N80 LT&C new casing from 0-9200'

10. Casing setting depth and cementing program:

   A. 13-3/8" surface casing set at 400' in 17-1/2" hole. Circulate cement with 160sx 35:65 POZ/C w/ 6% Bentonite + 2% $CaCl_2$ + .25#/sx Cello-Seal followed by 200sx Class C w/ 2% $CaCl_2$.

   If cement does not circulate, a temperature survey will be run to find the TOC and then finish cementing to surface through 1" using Class C with 2% $CaCl_2$.

   B. 8-5/8" intermediate casing set at 1500' in 11" hole. Circulate cement with 315sx 35:65 POZ/C w/ 6% Bentonite + 2% $CaCl_2$ + .25#/sx Cello-Seal followed by 200sx Class C w/ 2% $CaCl_2$.

   If hole conditions dictate, a DV tool may be run to ensure that the intermediate string is cemented to surface.

   If cement does not circulate, a temperature survey will be run to find the TOC and then finish cementing to surface through 1" using Class C with 2% $CaCl_2$.

   Note: Cement volumes may be adjusted according to fluid caliper.

   C. 4-1/2" production casing set at 9200'. Cement with 615sx 15:61:11 POZ/C/CSE w/ .5% FL-25 + .5% FL-52 + 8#/sx Gilsonite followed by 75sx Class C w/ .7% FL-25.

   Estimated top of cement is 5800'.

   Note: Cement volumes may need to be adjusted to hole caliper.

11. Pressure Control Equipment

0' - 400'	None
400' - 1500'	11" 5000# ram type preventers with one set blind rams and one set pipe rams and a 5000# annular preventer.
1500' - 9200'	11" 5000# ram type preventers with one set blind rams and one set pipe rams and a 5000# annular type preventer. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. Rotating head below 6000'. Exhibit A.