

PHILLIPS PETROLEUM COMPANY
PROPOSED CASING & CEMENTING PROGRAM

GACH "31" STATE WELL NO. 2

5", 18 lb/ft, N80 Production Liner Set from 12,600' to 13,600' - in a 6 1/8" Hole

Cement w/ 180 sx of Class "H" + 3/10% retarder + 2/10% antifoamer + 6/10% Gasblock

Slurry Weight:	16.4 ppg
Slurry Yield:	1.09 cu.ft/sk
Water Requirement:	5.49 gal/sk