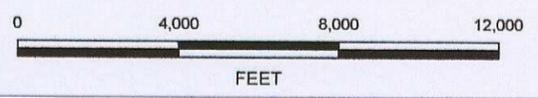




GRUY PETROLEUM MANAGEMENT CO.

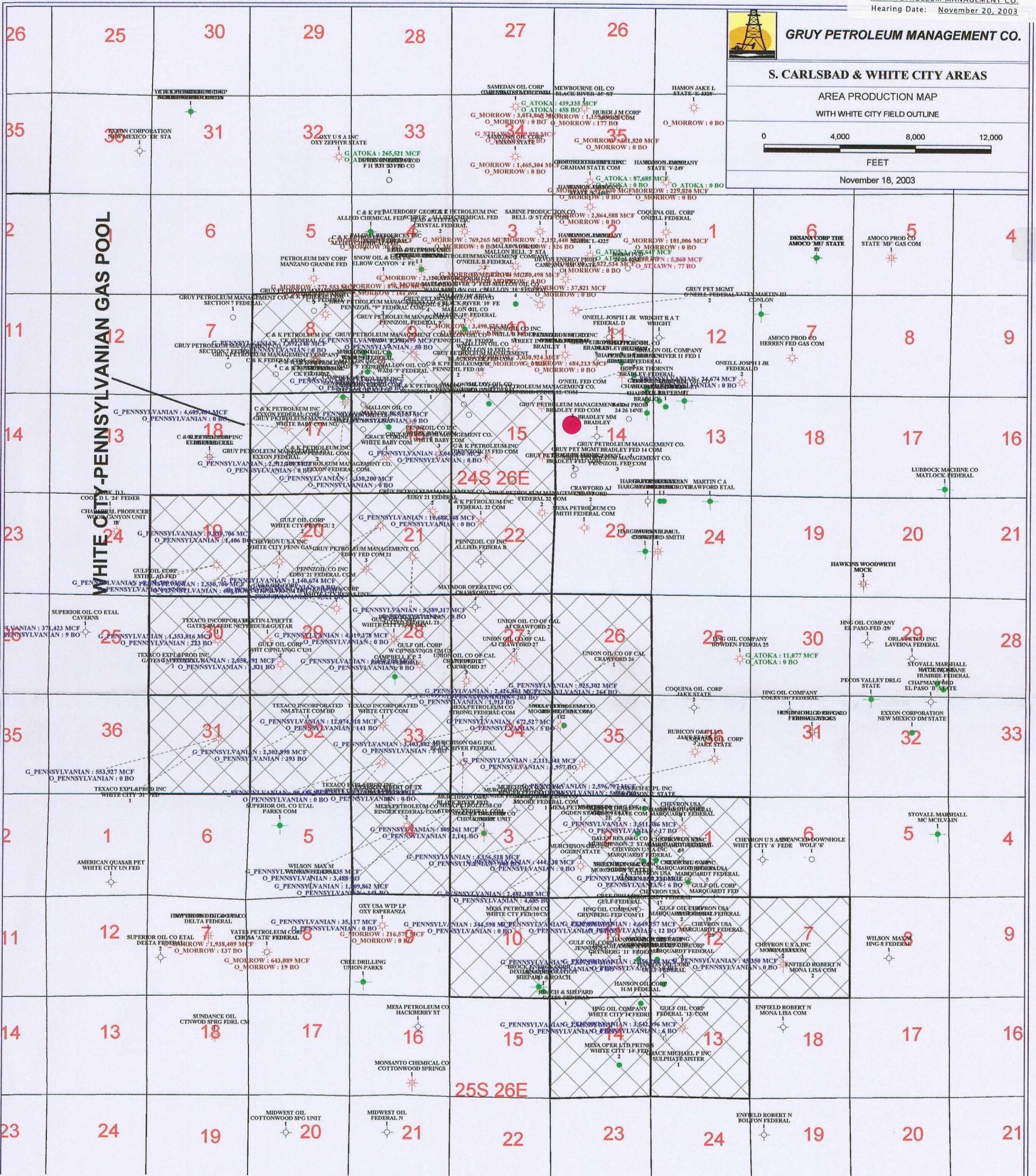
S. CARLSBAD & WHITE CITY AREAS

AREA PRODUCTION MAP
WITH WHITE CITY FIELD OUTLINE



November 18, 2003

WHITE CITY-PENNSYLVANIAN GAS POOL



24S 26E

25S 26E