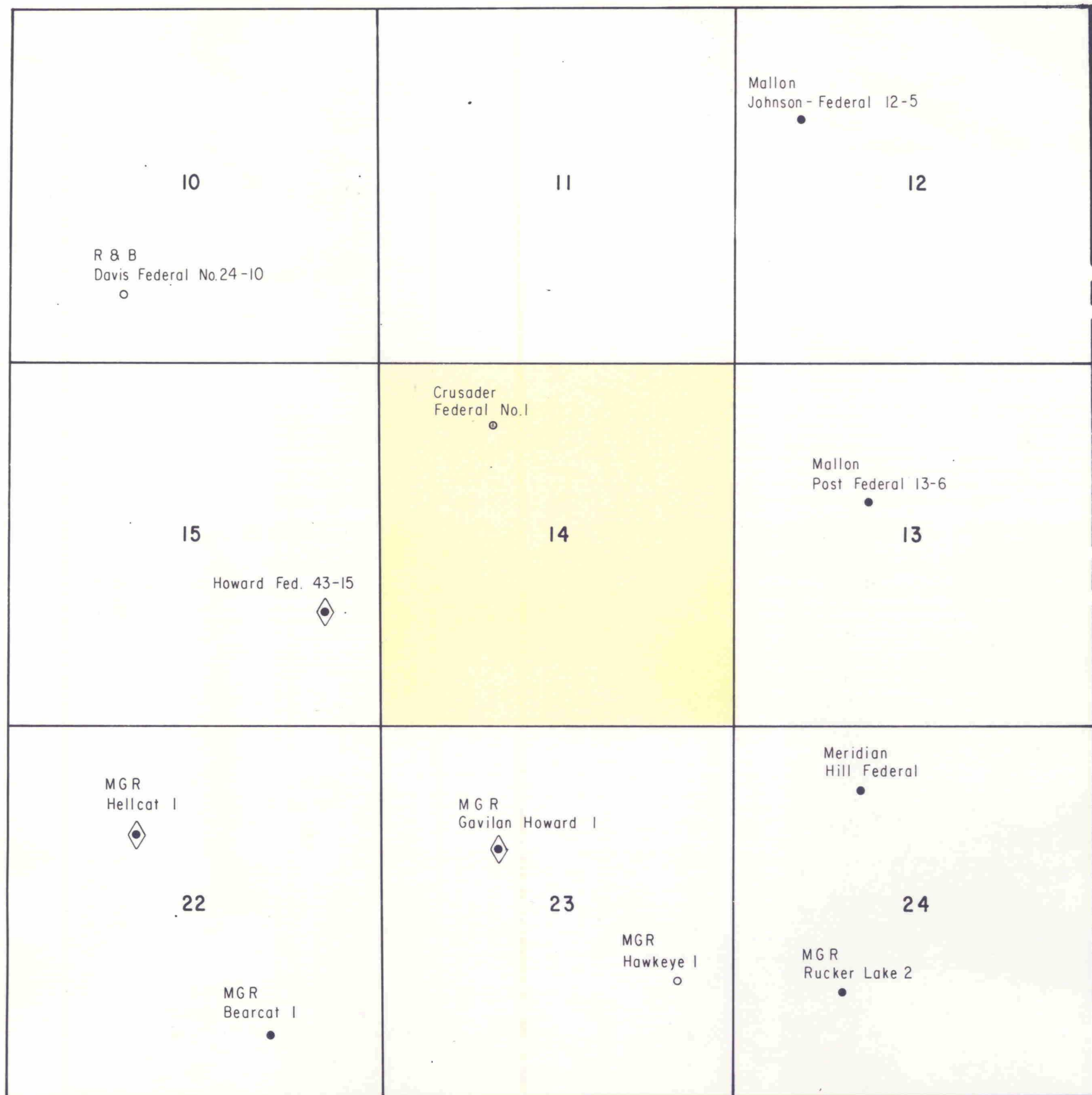


R. 2 W.



• Single Completion (Gavilan Mancos)

◊ Dual Completion

MESA GRANDE RESOURCES, INC.

RIO ARRIBA COUNTY, NEW MEXICO

AREA MAP

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION

CASE NO. 9257

EXHIBIT 1

GEOLOGY BY, A.P. Emmendorfer

DATE: Nov., 1987