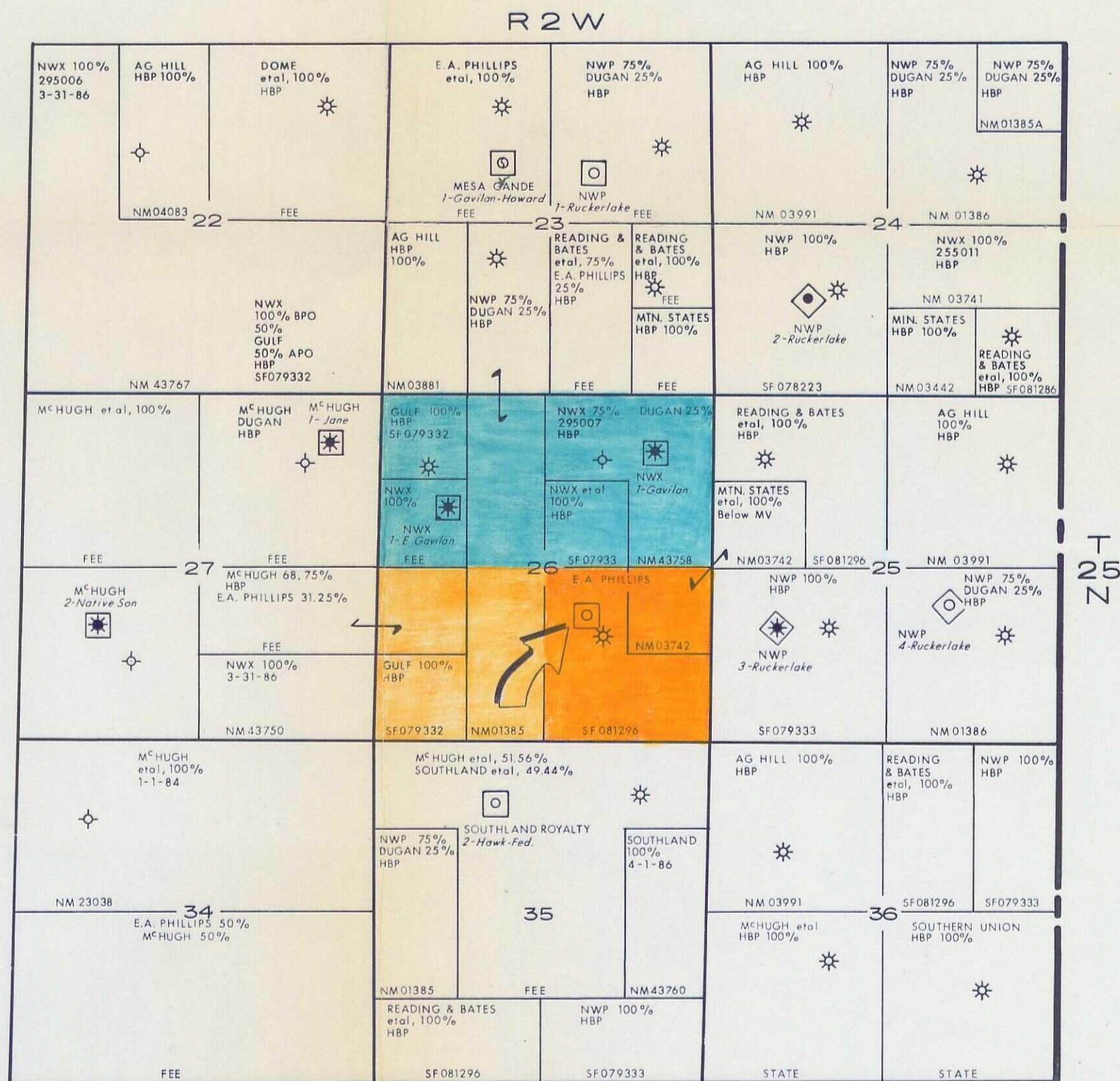




NEW MEXICO OIL & GAS COMMISSION
CASE NO. 8038
EXHIBIT I

PRODUCTION KEY

- D & A
- Pictured Cliffs
- Mesaverde
- Niobrara
- Dakota/Niobrara



MESA GRANDE RESOURCES, INC.

GAVILAN AREA
RIO ARRIBA COUNTY, NEW MEXICO

LEASE OWNERSHIP MAP
BELOW PICTURED CLIFFS FORMATION

SCALE: 1" = 2000'

M.L. WALLACE
DECEMBER 27, 1983