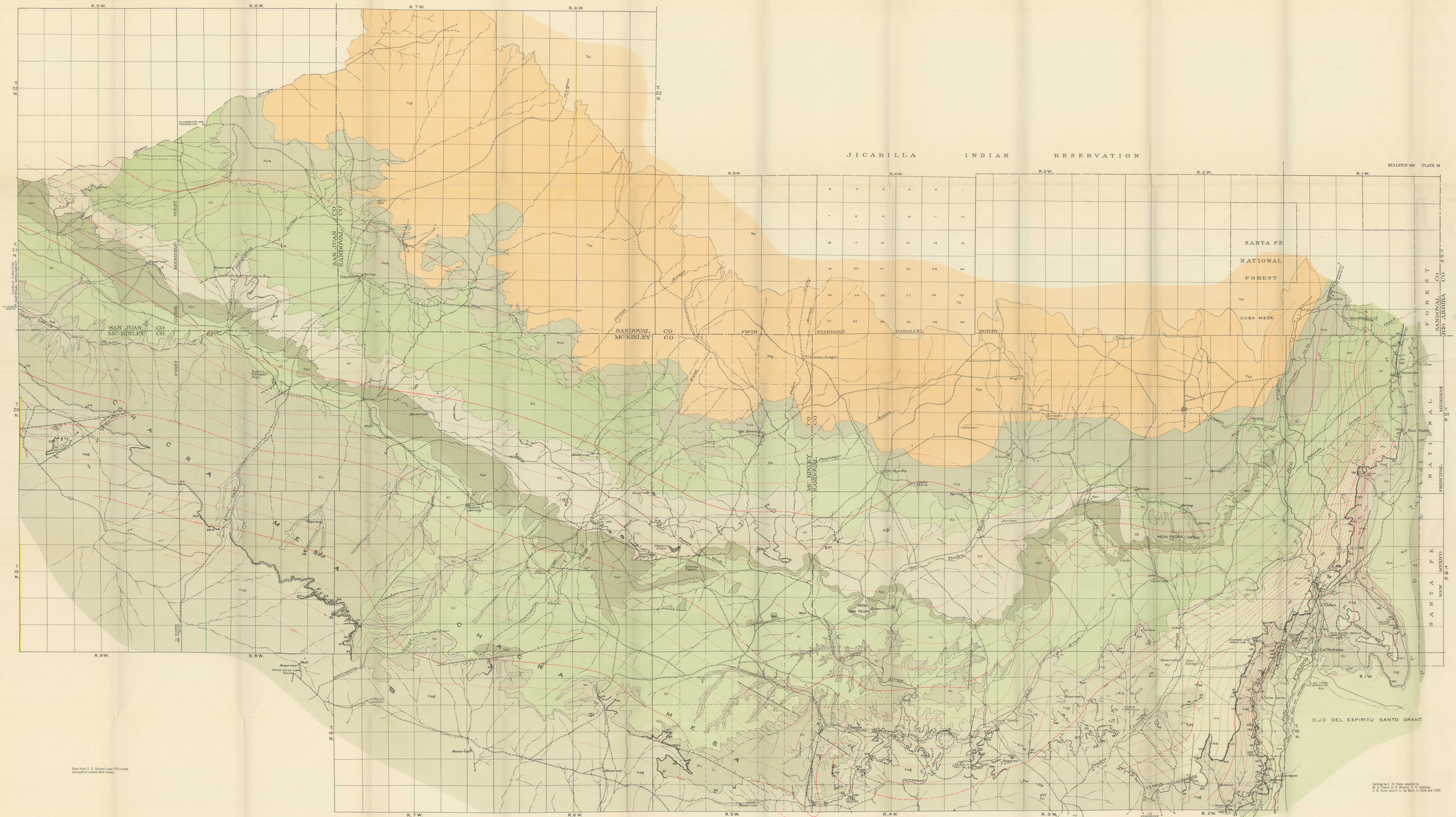

GEOLOGIC MAP OF THE LA VENTANA-CHACRA MESA COAL FIELD OF THE SOUTHERN PART OF THE SAN JUAN BASIN, NEW MEXICO

EXPLANATION

SEDIMENTARY ROCKS

TERTIARY

Eocene

- Tw — Wasatch formation
- Ttp — Torrejon and Puerco (?) formations

CRETACEOUS

- Kca — Ojo Alamo sandstone
- Kk — Kirtland shale
- Kf — Fruitland formation
- Kpc — Pictured Cliffs sandstone
- Kl — Lewis shale
- Kc — Chacra sandstone member
- Klv — La Ventana sandstone member
- Kag — Allison member and Gallup coal member undifferentiated
- Kh — Hosta sandstone member
- Km — Mancos shale
- Kd — Dakota (?) sandstone and older rocks

Upper Cretaceous

Mesaverde formation

IGNEOUS ROCKS

Triassic

- Ptg — Plug and dikes (For location, see sections 23 and 24, T. 17 N., R. 2 W.)

- Outcrop of coal bed (Dashed where concealed)
- Coal bed burned along outcrop
- 157 — Coal section measured (Number referred to in text)
- Patch (Showing downthrown side)
- 55 — Strike and dip of beds
- 55 — Prevailing dip of beds
- 55 — Strike and dip of overturned beds
- Structure contours (Contour drawn on base of Hosta sandstone member, interval 100 feet. Datum is mean sea level)
- Mine
- Prospect
- Oil well
- Drilling well (Numbers of the wells in Tps. 17 and 18 N., R. 1 W., are referred to in text)