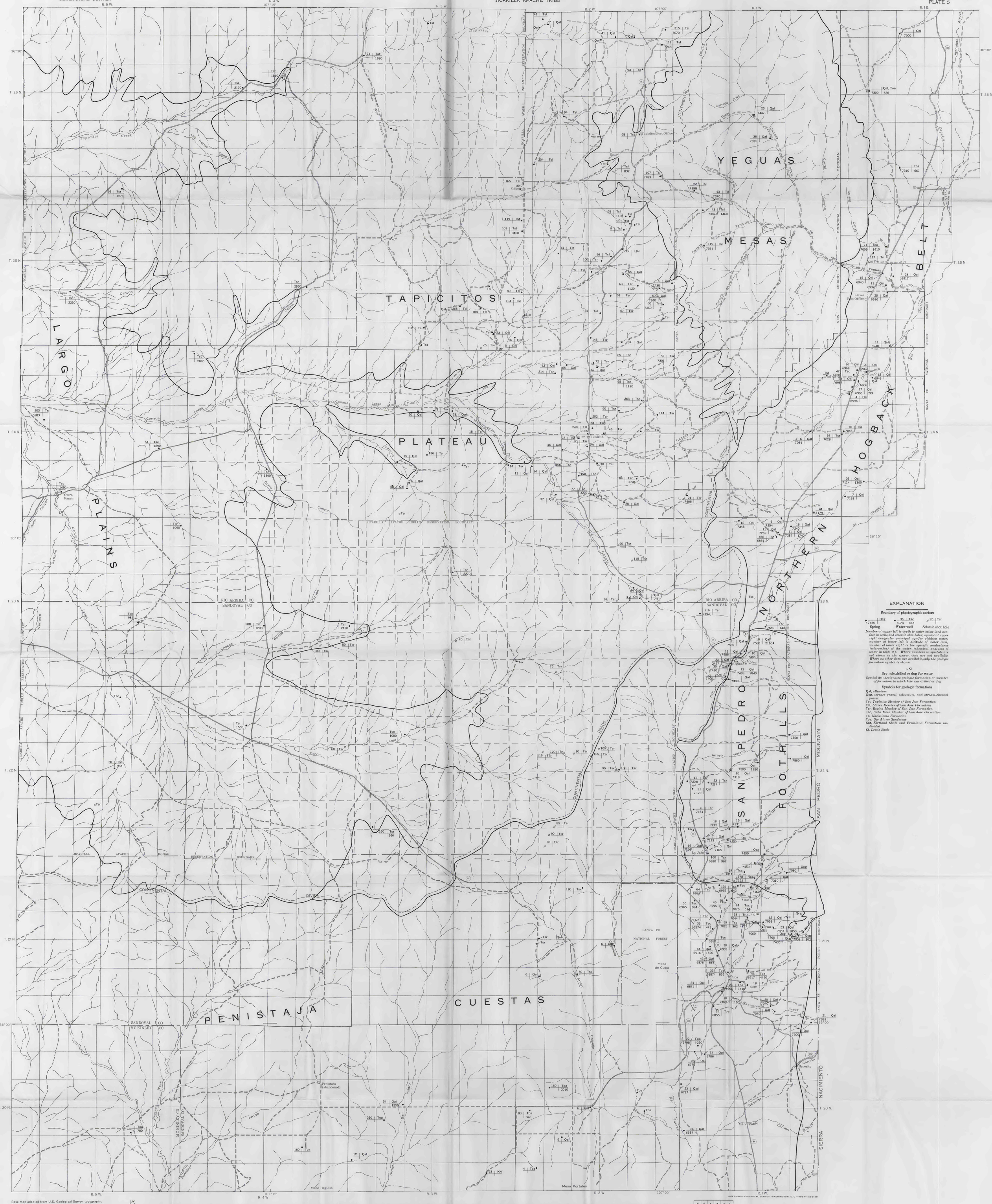
PREPARED IN COOPERATION WITH THE
JICARILLA APACHE TRIBE



EXPLANATION

Boundary of physiographic sectors

Spring	Water well	Seismic shot hole
7450 | Qcg	36 | Tsc / 6974 | 473	95 | Tsr

Number at upper left is depth to water below land surface in wells and seismic shot holes; symbol at upper right designates principal aquifer yielding water; number at lower left is altitude of water level; number at lower right is the specific conductance (micromhos) of the water (chemical analyses of water in table 9). Where numbers or symbols are not shown in the spaces, data are not available. Where no other data are available, only the geologic formation symbol is shown

Kl

Dry hole, drilled or dug for water

Symbol (Kl) designates geologic formation or member of formation in which hole was drilled or dug

Symbols for geologic formations

Qal, *alluvium*
Qcg, *terrace gravel, colluvium, and stream-channel gravel*
Tst, *Tapicitos Member of San Jose Formation*
Tsl, *Llaves Member of San Jose Formation*
Tsr, *Regina Member of San Jose Formation*
Tsc, *Cuba Mesa Member of San Jose Formation*
Tn, *Nacimiento Formation*
Toa, *Ojo Alamo Sandstone*
Kkf, *Kirtland Shale and Fruitland Formation undivided*
Kl, *Lewis Shale*

Base map adapted from U.S. Geological Survey topographic quadrangles, New Mexico State Highway Commission Planning Survey quadrangles, and Resources Map of the Jicarilla Indian Reservation (1957)

APPROXIMATE MEAN DECLINATION, 1967

MAP SHOWING WATER WELLS, SPRINGS, AND PHYSIOGRAPHIC SECTORS, IN THE SOUTHERN PART OF THE JICARILLA APACHE INDIAN RESERVATION AND ADJACENT AREAS, NEW MEXICO

SCALE 1:63 360

1 ½ 0 1 2 3 4 5 MILES

1 .5 0 1 2 3 4 5 KILOMETERS

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

SECTIONIZED TOWNSHIP

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1967—W66138