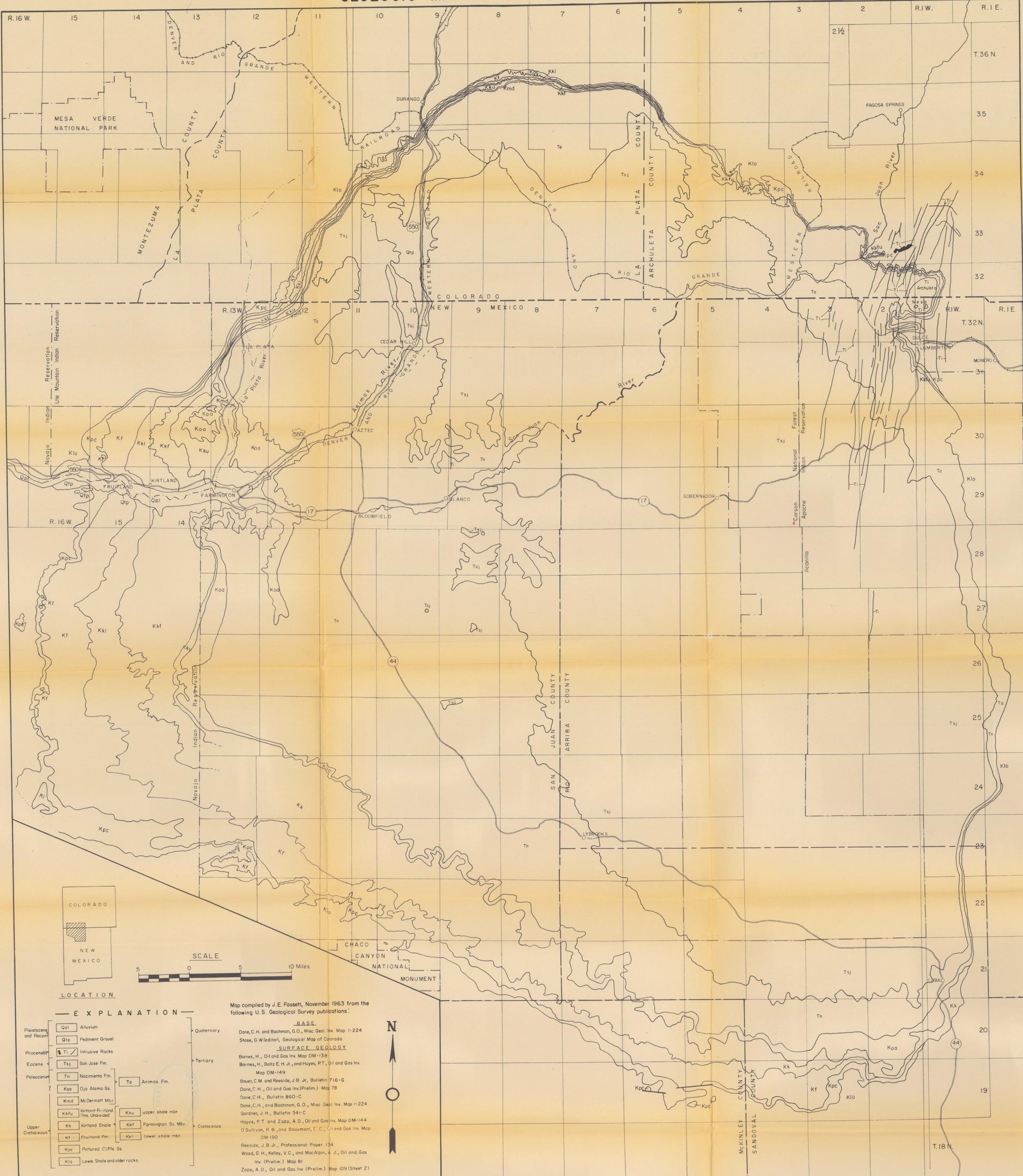


THIS MAP IS PRELIMINARY
and has not been edited to conform
with the Geological Survey
standards of nomenclature.

GEOLOGIC MAP OF THE SAN JUAN BASIN



Map compiled by J.E. Fassett, November 1963 from the following U.S. Geological Survey publications:

BASE
 Dane, C.H. and Bachman, G.O., Misc. Geol. Inv. Map I-224
 Stose, G.W. (editor), Geological Map of Colorado

SURFACE GEOLOGY
 Barnes, H., Oil and Gas Inv. Map OM-138
 Barnes, H., Baltz E.H. Jr., and Hayes, P.T., Oil and Gas Inv. Map OM-149
 Bauer, C.M. and Reeside, J.B. Jr., Bulletin 716-G
 Dane, C.H., Oil and Gas Inv. (Prelim.) Map 78
 Dane, C.H., Bulletin B60-C
 Dane, C.H., and Bachman, G.O., Misc. Geol. Inv. Map I-224
 Gardner, J.H., Bulletin 341-C
 Hayes, P.T. and Zapp, A.D., Oil and Gas Inv. Map OM-144
 O'Sullivan, R.B., and Beaumont, E.C., Oil and Gas Inv. Map OM-190
 Reeside, J.B. Jr., Professional Paper 134
 Wood, G.H., Kelley, V.C., and MacAlpin, A.J., Oil and Gas Inv. (Prelim.) Map B1
 Zapp, A.D., Oil and Gas Inv. (Prelim.) Map 109 (Sheet 2)

EXPLANATION

| | | |
|-----|-----------------------------------|------------|
| Qal | Alluvium | Quaternary |
| Qtp | Pediment Gravel | |
| Ti | Intrusive Rocks | Tertiary |
| Tsj | San Jose Fm. | |
| Tn | Nacimiento Fm. | |
| To | Animas Fm. | |
| Kaa | Ojo Alamo Ss. | |
| Kmd | McDermott Mbr. | |
| Kkf | Kirtland-Fruitland Fms. Undivided | |
| Kk | Kirtland Shale | |
| Kf | Fruitland Fm. | |
| Kpc | Pictured Cliffs Ss. | |
| Klo | Lewis Shale and older rocks | |
| Kku | upper shale mbr. | Cretaceous |
| Kkf | Farmington Ss. Mbr. | |
| Kkl | lower shale mbr. | |

(500)
R29
M.134

PLEASE REPLY IN POCKET
IN BACK OF BOARD VOLUME

