UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1110 PLATE 5 R. 25 W. R. 24 W. Unconsolidated clay, silt, sand, and gravel underlying alluvial plain Beds of gravel yield water readily to wells in western part of area Dashed where doubtful deposits, undifferentiated Contour interval 20 feet below 2300 foot contour, 50 feet Mostly consolidated shale, sandstone and conglomerate in mountain Terrace deposits southern part of area and considerable continental sand and gravel Unconsolidated silt, sand, and gravel on benches and slopes border-ing the alluvial plain. Mostly above zone of saturation but may in eastern part potentially water bearing but generally not tapped by wells] Irrigation well Contact yield water to wells in southern part of alluvial plain Domestic or stock well Dashed where approximately located Abandoned or unused well Older continental deposits
Includes parts of Cuyama formation of English, and Morales formation Dashed where approximately located, dotted where concealed Spring and fanglomerate of Dibblee U, upthrown side, D, downthrown side Unconsolidated clay, silt, sand, and gravel that crop out in terraces Axis of syncline showing direction of plunge of axis and hills bordering alluvial plain. Locally strongly deformed. Penetrated by water wells beneath alluvial plain. In eastern part of area, ~ ... predominant coarse sand and gravel yield water readily; in western Site of stream or spring-flow measurement Strike and dip of beds part, predominate clay, silt, and sand yleld water R. 24 W. 11**9**°30′ 119°40′ R. 26 W. By J.E. Upson and G.F. Worts, Jr., 1947

Base from U.S. Army, Corps of Engineers, in part from U.S. Geological Survey topographic sheets. Broken land lines projected, but adjusted to local usage

948953 O-51 (In pocket) No. 2

MAP OF THE CUYAMA VALLEY, CALIFORNIA, SHOWING GENERALIZED GEOLOGY AND HYDROLOGIC FEATURES

Geology mostly from unpublished map by T.W. Dibblee, Jr., Richfield Oil Corp. 1946; in part by J.E. Upson, 1947-48