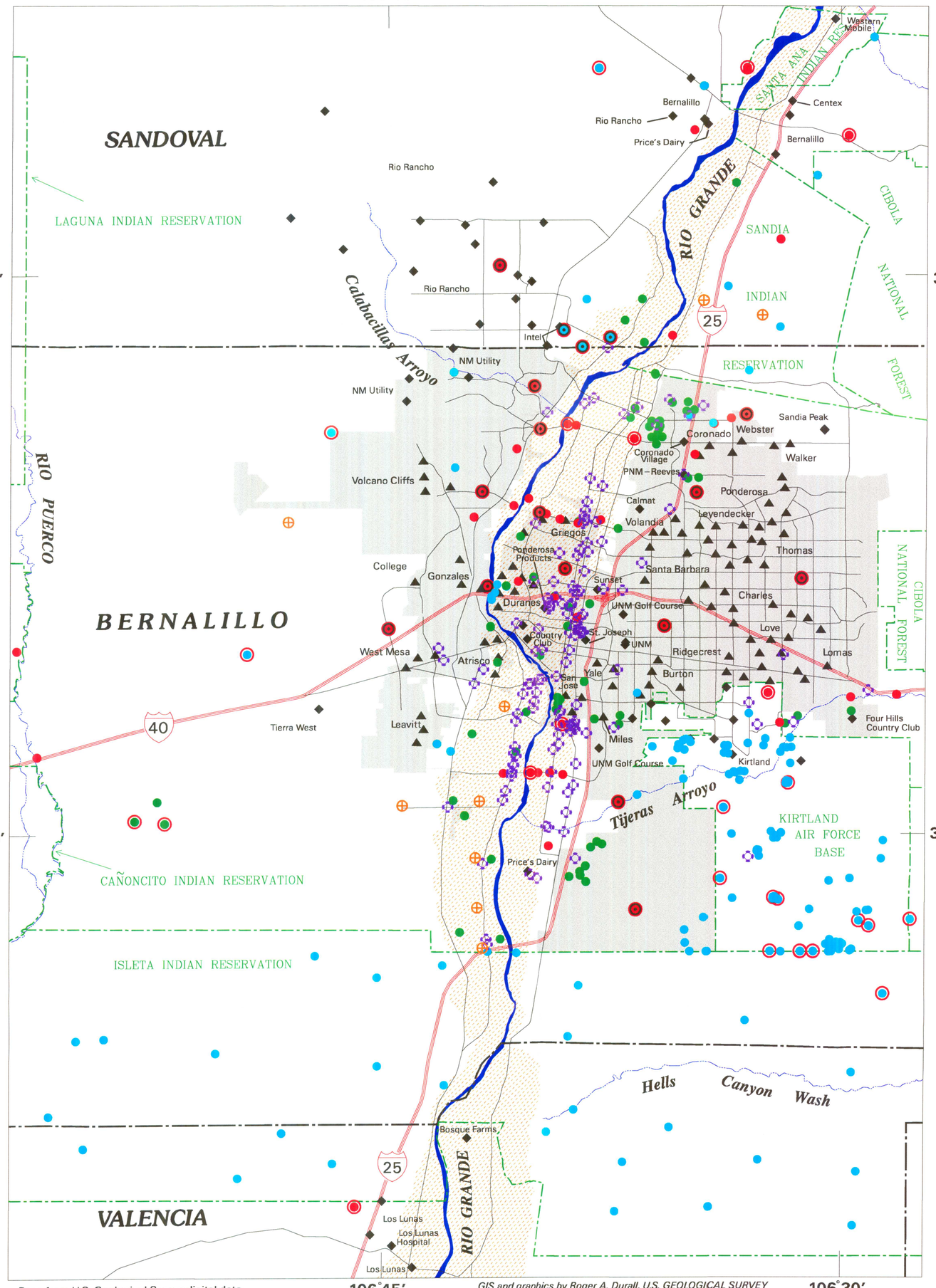
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
CITY OF ALBUQUERQUE

OPEN–FILE REPORT 97–787
Potential additions to monitoring network– –PLATE 1

Bexfield, L.M., 1997, Proposed expansion of the City of Albuquerque/U.S. Geological Survey ground–water–level monitoring network for the Middle Rio Grande Basin, New Mexico



Base from U.S. Geological Survey digital data, scales 1:24,000 and 1:100,000, and City of Albuquerque, 1:24,000 scale

GIS and graphics by Roger A. Durall, U.S. GEOLOGICAL SURVEY
August 22, 1997

EXPLANATION

- City of Albuquerque
- Inner–valley alluvium
- San Jose — Active City of Albuquerque production well and name of well field
- Tierra West — Municipal, industrial, or commercial well (known to have pumped at least 100 acre–feet per year during 1 or more years from 1990 to 1995) and owner of well
- Well in current City of Albuquerque/ U.S. Geological Survey ground–water–level monitoring network
- Other well monitored by the City of Albuquerque or the U.S. Geological Survey
- Monitoring well with total depth known to be greater than 150 feet below water table
- Piezometer nest with at least one completion extending near bottom of production zone (as defined by screened intervals of closest municipal wells)
- Potential well addition to the City of Albuquerque/U.S. Geological Survey ground–water–level monitoring network
- Potential monitoring well to be installed
- Ground–water investigation site

0 2 4 6 MILES
0 2 4 6 KILOMETERS

MAP OF THE ALBUQUERQUE METROPOLITAN AREA SHOWING WELLS MONITORED BY THE CITY OF ALBUQUERQUE/ U.S. GEOLOGICAL SURVEY, SELECTED HIGH–CAPACITY PRODUCTION WELLS, AND POTENTIAL ADDITIONS TO THE GROUND–WATER–LEVEL MONITORING NETWORK

By
Laura M. Bexfield
1997