



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY USGS, NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1979  
FIELD CHECKED 1980 MAP EDITED 1985  
PROJECTION TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 13  
10,000-FOOT STATE GRID TICKS NEW MEXICO, EAST ZONE  
UTM GRID DECLINATION 1983 NORTH AMERICAN DATUM  
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM 1983 NORTH AMERICAN DATUM  
To place on the predicted North American Datum of 1983, move  
the projection lines as shown by dashed corner ticks  
(5 meters south and 45 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Information  
shown as of date of  
field check.



SCALE 1:24 000  
CONTOUR INTERVAL 10 FEET  
SUPPLEMENTAL CONTOUR INTERVAL 5 FEET

QUADRANGLE LOCATION

1	2	3	Portales
4	5	6	Arch NW
7	8	9	Arch NE
		10	Portales SE
		11	Golden Ranch
		12	Dora
		13	Causesy West
		14	Causesy East

ADJOINING 7.5 QUADRANGLE NAMES

**ROAD LEGEND**  
Improved Road .....  
Unimproved Road .....  
Trail .....  
Interstate Route ..... U.S. Route ..... State Route .....

**ARCH, NEW MEXICO**  
PROVISIONAL EDITION 1985

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

FROM THE U.S. GEOLOGICAL SURVEY HISTORICAL MAP ARCHIVES