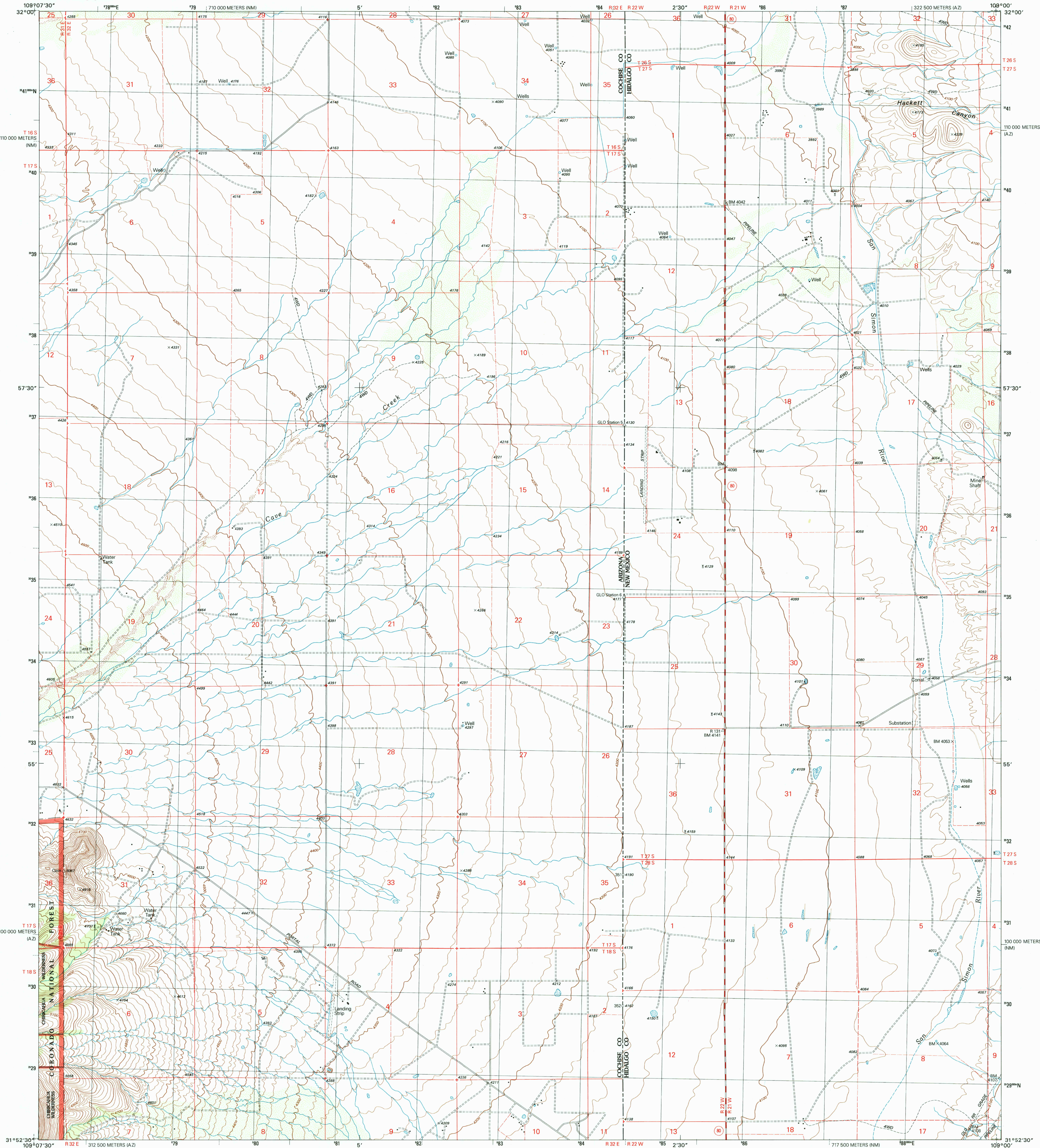
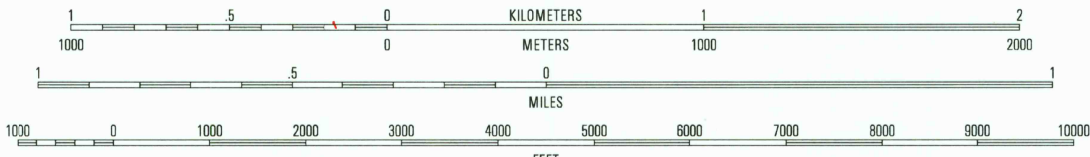
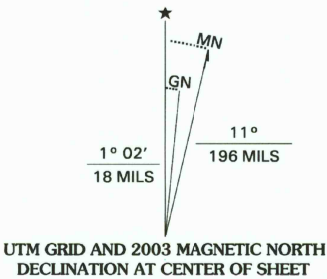




Produced by the United States Geological Survey  
Topography compiled 1982. Planimetry derived from imagery taken 1996 and other sources. Public Land Survey System and survey control current as of 1983. Boundaries current as of 2001.  
North American Datum of 1983 (NAD 83). Projection and 1 000-meter grid: Universal Transverse Mercator, zone 12.  
2 500-meter ticks: Arizona Coordinate System of 1983 (east zone) and New Mexico Coordinate System of 1983 (west zone).  
North American Datum of 1927 (NAD 27) is shown by dashed corner ticks. The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.  
Where omitted, land lines have not been established.  
There may be private inholdings within the boundaries of the National or State reservations shown on this map.



CONTOUR INTERVAL 20 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
(TO CONVERT ELEVATIONS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, ADD 3 FEET)  
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

|   |   |   |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |

1 Blue Mountain  
2 San Simon Cienega  
3 Cotton City  
4 Portal  
5 Antelope Pass  
6 Portal Peak  
7 Rodeo  
8 Indian Peak

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION  
Primary highway  
hard surface .....  
Secondary highway  
hard surface .....  
Light-duty road, hard or  
improved surface .....  
Unimproved road .....  
Interstate Route  
U.S. Route  
State Route

APR 0 2 2003

PORTAL NE, AZ-NM  
1996

NIMA 4147 I NE-SERIES V898

