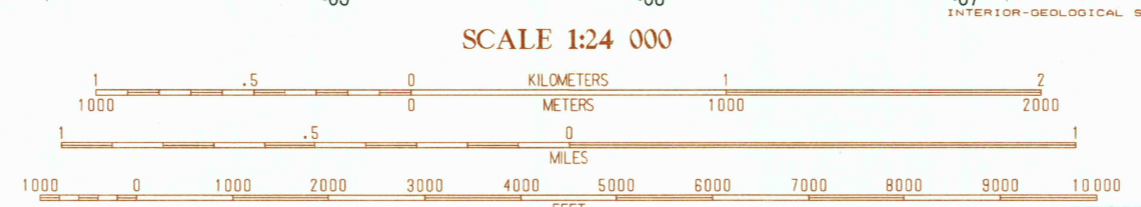


PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY . . . . . USGS NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN . . . . . 1985  
FIELD CHECKED . . . . . 1987 MAP EDITED . . . . . 1990  
PROJECTION . . . . . TRANSVERSE MERCATOR  
GRID 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
GRID 1000-FOOT STATE GRID TICKS . . . . . ARIZONA, CENTRAL ZONE  
UTM GRID DECLINATION . . . . . 0°00' EAST  
1990 MAGNETIC NORTH DECLINATION . . . . . 12' EAST  
VERTICAL DATUM . . . . . NATIONAL GEODETIC VERTICAL DATUM OF 1989  
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  
(63 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. Infor-  
mation shown as of date of  
photography.  
T-1



CONTOUR INTERVAL 20 FEET  
To convert feet to meters multiply by .3048  
To convert meters to feet multiply by 3.2808

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



QUADRANGLE LOCATION

1	2	3	1. Leonard Canyon
2	3	4	2. Grana Draw
3	4	5	3. Chevelon Crossing
4	5	6	4. Knoll Lake
5	6	7	5. Widener Point
6	7	8	6. Promontory Butte
7	8		7. Woods Canyon
8			8. O W Point

ADJOINING 7.5' QUADRANGLE NAMES

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

PORCUPINE RIDGE, ARIZONA  
PROVISIONAL EDITION 1990

3410-D8-TF-024

USGS NHD HISTORICAL MAP  
JUN 4 1991  
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