



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
DERIVED FROM AERIAL PHOTOGRAPHS TAKEN ..... 1978  
FIELD CHECKED ..... 1981  
PHOTOINSPECTED USING IMAGERY DATED ..... 1996  
No major culture or drainage changes observed.  
PROJECTION ..... TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 13  
10 000-FOOT STATE GRID TICS ..... NEW MEXICO, WEST ZONE  
UTM GRID DECLINATION ..... 01° 06' WEST  
2000 MAGNETIC NORTH DECLINATION ..... 01° 06' EAST  
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM  
North American Datum of 1983 (NAD 83) is shown by dashed  
corner ticks. The values of the shift between NAD 27 and  
NAD 83 for 7.5-minute intersections are obtainable from  
National Geodetic Survey NADCON software  
Public Land Survey System and survey control current as of 1981  
Boundaries verified 2001

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
field check.

CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
(TO CONVERT ELEVATIONS TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, ADD 2 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	

1 Black Bluffs  
2 Crocker  
3 Fairview Well  
4 Elephant Butte  
5 Shannon Canyon NW  
6 Palomas Gap  
7 Custer  
8 Polceat Tank

ADJOINING 7.5' QUADRANGLE NAMES

Improved Road .....  
Unimproved Road .....  
Trail .....  
Interstate Route .....  
U.S. Route .....  
State Route .....  
**RECEIVED**  
FEB 28 2002  
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U.S. GEOLOGICAL SURVEY  
HISTORICAL MAP ARCHIVES  
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