UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HACKBERRY HILL QUADRANGLE
NEW MEXICO-OTERO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4948 I V NE (CORNUCOPIA RANCH)
4948 I NW (TANNER RANCH)
4948 I NE (PANAMA RANCH)
4948 I V SE (CORNUCOPIA RANCH SE)
4948 I SW (GOWDY RANCH)
4948 I SE

105°15' 32°22'30" 105°07'30"
477000m.E. 478 479 480 12'30" 481 482 483 484 10' 485000m.E. 486 487 488
R. 17 E. 840 000 FEET R. 18 E.
TANNER RANCH 8 MI.
PIÑON 28 MI. CORNUCOPIA RANCH 15 MI.
DELL CITY, TEX. 29 MI.
3581000m.N. 3580 3579 T. 22 S. T. 23 S. 20' 3577 3576 3574 3573 17'30" 3572 3571 3570 460 000 FEET 3569 T. 23 S. T. 24 S. 32°15'
500 000 FEET

Blue Tank
Negro Tank
Charlie Tank
Templeton Ranch
LANDING STRIP
Piñon Wash
Jernigan Wash
Boots Tank
Water Tank
Perry Well 3964
Green Tank
Cornucopia Draw
BM 4196
Hackberry Well 4079
BM 4037
Hackberry Hill
CROW FLATS
Long Canyon Tank
Well 4768
LONG CANYON
JEEP TRAIL
Lewis Ranch
BM 3868
Air Force Well 3875
Cornucopia Draw

506

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1962. Field checked 1963

Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

Fine red dashed lines indicate selected fence lines

UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN MN 0°06' 2 MILS 12° 213 MILS

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NEW MEXICO
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Light-duty ——— Unimproved dirt - - - - - -
State Route

USGS
Historical File
Topographic Division

NOV 2 3 1965

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TOPOGRAPHIC DIVISION

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1963
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