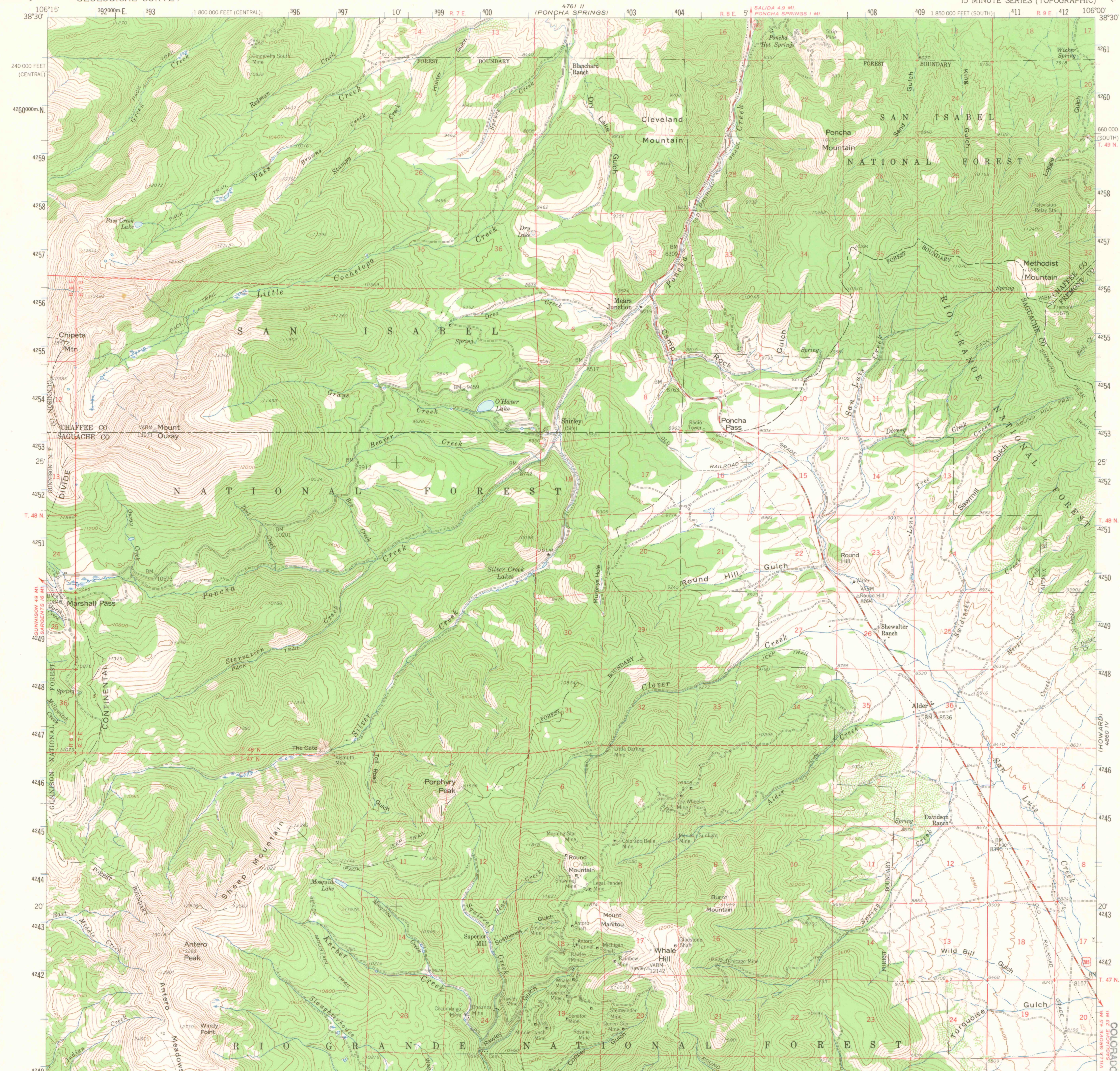
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

4761 III
(GARFIELD)

# BONANZA QUADRANGLE
COLORADO
15 MINUTE SERIES (TOPOGRAPHIC)

4861 III
(CAMERON MTN)


106°15′
38°30′
392000m.E.
393
1 800 000 FEET (CENTRAL)
396
397
10′
399
R. 7 E.
400
4761 II
(PONCHA SPRINGS)
403
404
R. 8 E.
5′
SALIDA 4.9 MI.
PONCHA SPRINGS 1 MI.
408
409
1 850 000 FEET (SOUTH)
411
R. 9 E.
412
106°00′
38°30′
240 000 FEET (CENTRAL)
4260000m.N.
660 000 FEET (SOUTH)
T. 49 N.
T. 48 N.
T. 47 N.
T. 46 N.
25′
20′
160 000 FEET (CENTRAL)
580 000 FEET (SOUTH)
4235000m.N.
(HOWARD) 4860 IV
GUNNISON 49 MI.
SARGENTS 16 MI.
VILLA GROVE 4.5 MI.
SAGUACHE 23 MI.
38°15′
106°15′
391
392
1 790 000 FEET (SOUTH)
394
395
396
397
10′
398
R. 7 E.
399
400
401
VILLA GROVE (U.S. 285) 10 MI.
404
5′
R. 8 E.
1 840 000 FEET (CENTRAL)
408000m.E.
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1965
R. 9 E.
412
106°00′
38°15′
Cinderella South Mine
Green Creek
Redman Creek
Pass Creek
Browns Creek
Stumpy Creek
Hunter Gulch
Spruce Creek
Blanchard Ranch
FOREST BOUNDARY
Pass Creek Lake
PACK TRAIL
Little Cochetopa Creek
Dry Lake
Dry Lake Gulch
Cleveland Mountain
Poncha Hot Springs
Strip Mine
Poncha Mountain
Sand Gulch
King Gulch
Wicker Spring
Loggie Gulch
Television Relay Sta
SAN ISABEL NATIONAL FOREST
Methodist Mountain
VABM Fremont 11675
CHAFFEE CO
FREMONT CO
SAGUACHE CO
Mears Junction
Water
Droz Creek
Spring
Poncha Creek
OLD RAILROAD GRADE
Camp Rock Gulch
Chipeta Mtn
Mount Ouray
VABM 13971
CHAFFEE CO
SAGUACHE CO
GUNNISON CO
GUNNISON N F
DIVIDE
Grays Creek
O'Haver Lake
Shirley (Site)
Beaver Creek
Poncha Pass
Radio Tower
San Luis Creek
Dorsey Creek
RIO GRANDE NATIONAL FOREST
SIMMONS PEAK
ROUND HILL TRAIL
Rock Cr
Sawmill Gulch
Lone Tree Creek
Round Hill
VABM Round Hill 8694
Round Hill Gulch
Shewalter Ranch
Swidinski Creek
Merkt Creek
Decker Creek
S. Decker Cr
APPROX BDY
Ouray Creek
Tent Creek
Box Creek
Silver Creek Lakes
USLM
Murphys Hole
Marshall Pass
Marshall Creek
Starvation PACK TRAIL
CONTINENTAL
GUNNISON NATIONAL FOREST
Millswitch Creek
Spring
R 6 E
R 7 E
Silver Creek
The Gate
Kismuth Mine
Clover Creek
JEEP TRAIL
Alder
BM 8536
Little Darling Mine
Toll Road Gulch
Porphyry Peak
Joe Wheeler Mine
Alder Creek
Davidson Ranch
Spring Creek
Morning Star Mine
Colorado Belle Mine
Manitou Sunlight Mine
Round Mountain
Shawmut Mine
Legal Tender Mine
Burnt Mountain
Sheep Mountain
Mosquito Lake
Mosquito Creek
Squirrel Creek
Bear Creek
SHEEP MOUNTAIN TRAIL
Kerber Creek
Antero Peak
East Middle Creek
Sosthenes Gulch
Sosthenes Mine
Superior Mill
Antoro Shaft
Antoro Tunnel
Mount Manitou
Michigan Shaft
Gladstone Shaft
Whale Hill
VABM 12142
Rawley
Rainbow Mine
Rawley Mines
Chicago Mine
Wild Bill Gulch
Turquoise Gulch
OLD RAILROAD GRADE
Slaughterhouse Creek
Indian Creek
Windy Point
Antero Meadows
Whale Mine
Superior Mine
Rawley Mine
Rawley Gulch
Bonanza Mine
Cocomongo Mine
Minnie Lynch Mine
Stemwinder Mine
Senator Mine
Queen City Mine
Rosalie Mine
Copper Gulch
ROUND MTN TRAIL
Villa Grove Mine
Peterson Creek
Kelly Creek
St Louis Mine
Hortense Mine
St Joe Mine
Liberty Mine
Bonanza (BM 9465)
Picnic Gulch
Graveyard Gulch
Cem
Wagon Box Gulch
Brewery Creek
Brewery Creek Guard Station
Elkhorn Gulch
Elkhorn Peak
PACK TRAIL
Baxter Mountain
Flagstaff Creek
VABM 12072
Flagstaff Mountain
Cow Creek
Grave
Kerber City (Site)
Sedgwick (Site)
Little Bonanza Mill
Raspberry Peak
Oregon Tunnel
Hayden Peak
Center Ridge
Cottonwood Creek
Sawmill Gulch
Twins Mine
Phantom Creek
DIVIDE TRAIL
Baxter Creek
Skunk Creek Gulch
Eagle Mine
Eagle
Chloride Mine
Chloride Gulch
Greenback Gulch
Express Mine
Express Gulch
FOREST BDY
Simmons
Commander Mine
Euclid Mine
Euclid Gulch
Tuttle Creek
285

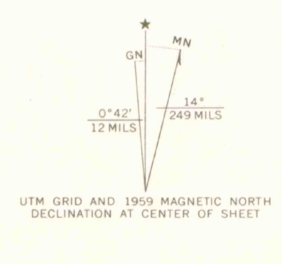
Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1954. Field check 1959

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

Dashed land lines indicate approximate locations
Land lines omitted in T. 48 N. Rs. 7 and 9 E. and in parts
of Ts. 46 and 49 N.-Rs. 6 and 7 E. because of insufficient data


GN
MN
0°42′
12 MILS
14°
249 MILS

UTM GRID AND 1959 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:62500

1 ½ 0 1 2 3 4 MILES

3000 0 3000 6000 9000 12000 15000 18000 21000 FEET

1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 80 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

ROAD CLASSIFICATION

Medium-duty ........ Light-duty ........

Unimproved dirt ========

285 U.S. Route

QUADRANGLE LOCATION

BONANZA, COLO.
N3815—W10600/15

1959

AMS 4760 I—SERIES V777

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MAP ROOM
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COLORADO SCHOOL OF MINES

NOV 03 1997

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3701
C222
s62
U5