

THIRD-ORDER LEVELING
Sea Level Datum of 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PORTAL QUADRANGLE
NEW MEXICO 19 ARIZONA 26
N3145-W10900/15

FILE COPY

Cochise County,
Arizona
Hidalgo County,
New Mexico

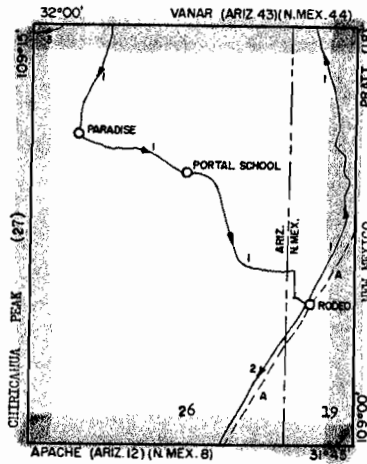
Edition of 1/19/67

Only the standard
tablets are listed
for lines run more
than 25 years be-
fore the above
edition date

USGS _____

C&GS -----

C&GS LIST 31 109 1



US&G: Level Line

A. Mescal, Arizona to El Paso, Texas (Arizona
Portion) (No. 32) Second order

Index to Permanent Marks

Mark	Line No.
2f LC 1948 5129	3
4004 1907	1
4042 1907	1
4052 1907	1
4101 1907	1
4115 1907	1, 2
4183 (Destroyed)	2
4321 1907	1
4751 1907	1
4909 1907	1
5128 1907	1
5386 1907 (Destroyed)	1

LINE 1.

FROM VANAR QUADRANGLE (43) SOUTH ALONG ROAD TO PARADISE THENCE SCUTHEAST ALONG ROAD VIA PORTAL SCHOOL TO RODEO. NEW MEXICO THENCE NORTHEAST ALONG SOUTHERN PACIFIC RAILROAD AND NORTH ALONG ROAD BACK INTO VANAR QUADRANGLE (43) (by T. A. Green, 1907; Book A 778)

- East Eagle City, 3.1 mi. S. of; at sharp bend on top of hill leading to Turkey Creek; 30 ft. W. of rd.; beside rock monument; in rock; aluminum tablet stamped "4909 1907" 4980.259
- Paradise, at rd. jct.; 100 ft. S. and 65 ft. E. of intersection; 10 ft. E. of creek; in W. end of large white stone; aluminum tablet stamped "5390 1907" (Destroyed) 5397.426
- Portal, 2.4 mi. NW. of along rd. to Paradise; 0.2 mi. S. of present rd.; at mouth of small drain; 20 ft. S. of point where abandoned rd. crosses dry drain; 8 ft. S. of track rd.; 7 ft. above drain bed, in rock; aluminum tablet stamped "5128 1907" 5139.505
- Portal, at ~~Post Office~~; 20 ft. N. of W. Y-rd. intersection; in large stone; aluminum tablet stamped "4751 1907" 4773.137
- Portal, 3.4 mi. SE. of; 10 ft. E. of rd.; in rock; aluminum tablet stamped "4381 1907" (Reported not found, 1957) 4392.770 *SFNF*
- Portal, 7.2 mi. SE. of; 2.3 mi. N. thence 2.1 mi. W. from Rodeo; at NE. corner of reservoir; 040 ft. W. of rd.; in rock; aluminum tablet stamped "4101 1907" 4112.586
- (Line enters New Mexico)
- Rodeo, on W. side of store and Post Office kept by A. D. Wallace; 230 ft. S. of tracks; 200 ft. SE. of station; standard iron post with bronze cap stamped "4115 1907" (Not found) 4126.977 *SFNF*
- Rodeo, 3.8 mi. N. of; in SE. corner of fence around windmill and water tank; standard iron post with bronze cap stamped "4052 1907" 4054.168
- Rodeo, 6.1 mi. N. of; 40 ft. W. of rd.; midway between two trees; standard iron post with bronze cap stamped "4042 1907" 4053.216
- Rodeo, 9.7 mi. N. of; 50 ft. W. of house occupied by G. W. Shipman; 8 ft. W. of fence; on E. side of rd.; standard iron post with bronze cap stamped "4004 1907" 4015.713

LINE 2.

FROM RODEO, NEW MEXICO SOUTHWEST ALONG SOUTHERN PACIFIC RAILROAD INTO APACHE QUADRANGLE (12) (by C. R. Fisher, 1915; Book A 9749)

Rodeo, on W. side of store and Post Office kept by A. D. Wallace; standard iron post with bronze cap stamped "4115 1907" (Described in Line 1) 4126.977

(Line enters Arizona)

Rodeo, 3.7 mi. SW. of station along Southern Pacific Railroad; 5 ft. NW. of center of track; in NW. corner of concrete culvert 1155.00; aluminum tablet stamped "4183" (Destroyed) 4182.629

LINE 3.

FROM VANAR QUADRANGLE (43) SOUTHWEST ALONG ROAD IN NORTHWEST CORNER OF QUADRANGLE INTO CHIRICAHUA PEAK QUADRANGLE (27) (by L. R. Curtis, 1945; Book PV 44)

T. 16 S., R. 30 E., NE. 1/4 sec. 36; 2.7 mi. W. of Portal-Paradise Rd. Junction; 340 ft. NE. of cattleguard; 144 ft. NW. of large wash; 52 ft. N. of rd.; on boulder; chiseled point 4912.52

T. 16 S., R. 30 E., sec. 35; 4 mi. WSW. of Portal-Paradise Rd. Junction; 45 ft. S. of center of rd. at crest of hill; in concrete post; standard tablet stamped "25 LC 1948 5129" 5126.417

Reference mark, 69 ft. S. of tablet; on large boulder; chiseled point 5124.20 *SFNF*