



Base prepared by the Army Map Service (BEES), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1954 by photogrammetric methods and from New Mexico 1:250,000 USGS, 1947-50. Planimetric detail revised by photogrammetric methods. Horizontal and vertical control by USCGS and USGS. Photography field annotated 1954.

HORIZONTAL CONTROL

- Coast & Geodetic Survey
- Geological Survey
- Other Agencies
- Monumented Point - First Order
- Monumented Point - Second Order
- Monumented Point - Third Order
- Located Object - Third Order
- See separate index for names of numbered stations.
- Station reported not recovered
- Measured Base - Electronic or Taped
- Line of triangulation observed
- Line of triangulation observed from one end only
- Measured Length - Electronic or Taped
- Theodolite Traverse - Electronic Distance
- Transit Traverse - Taped Distance Third Order
- Transit Traverse and Leveling Third Order

VERTICAL CONTROL

- Coast & Geodetic Survey
- Geological Survey
- Other Agencies
- First Order
- Second Order
- Third Order
- STATE SURVEY CONTROL
- Horizontal or Vertical
- CODE OF OTHER AGENCIES
- AMS - Army Map Service
- Geodetic control established by other agencies, shown in brown, may be obtained from Director Coast & Geodetic Survey, Environmental Science Services Administration, Rockville, Maryland, 20852.



SECTIONIZED TOWNSHIP				
6	5	4	3	2
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35

TRANSVERSE MERCATOR PROJECTION

LOCATION DIAGRAM FOR NI 12-12

LEGEND ROAD DATA 1954

- Standard gauge
- Narrow gauge
- International
- State
- County
- Park or reservation
- Single track Double or Multiple
- Normal gauge
- Spot elevation in feet
- Landmarks: School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES			
32 109 4	32 109	32 108 4	32 108 1
32 109 3	32 109 2	32 108 3	32 108 2

GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES			
114	113	112	111
114	113	112	111
110	109	108	107
106	105	104	103
102	101	100	99

ORDER CONTROL DATA, SHOWN IN BLACK OR BROWN, BY 30 MINUTE QUADRANGLE UNITS FROM COAST & GEODETIC SURVEY, E. S. A., ROCKVILLE, MARYLAND 20852.

ORDER CONTROL DATA, SHOWN IN RED, BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS

- NEW MEXICO WEST
- ARIZONA EAST
- INDEX TO COUNTY BOUNDARIES
- PLANE COORDINATE ZONES
- NEW MEXICO WEST
- ARIZONA EAST

U. S. DEPT. OF COMMERCE  
 COAST AND GEODETIC SURVEY  
 WASHINGTON, D. C.  
 FORM - 6471 (1-63)  
 DATE NOV 1967

# INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the  
 Coast and Geodetic Survey

QUADS 321081-2-3-4 & 321091-2-3-4  
 ARIZ-N MEX  
 LATITUDE 32°00' TO 33°00'  
 LONGITUDE 108°00' TO 110°00'  
 DIAGRAM NI 12-12 SILVER CITY

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	NO 10 NMGS	321081	1008
2	SILVER CITY CATHOLIC CHURCH EAST SPIRE	321081	1018
2	SILVER CITY CATHOLIC CHURCH WEST SPIRE	321081	1019
2	SILVER CITY PRESBYTERIAN CHURCH SPIRE	321081	1020
2	SILVER CITY PUBLIC SCHOOL CHIMNEY	321081	1021
3	RASO	321093	1019
3	RASO 2	321093	1019
4	ARIZONA HWY DEPT MARKER 1798+47.6	321093	1011
4	ARIZONA HWY DEPT MARKER 1799+71.6	321093	1011
4	WILLCOX	321093	1011
5	BM V 330	321092	1007
6	HOLT 2	321092	1004
7	BOWIE GERONIMOS CASTLE	321092	1027
7	BOWIE LOADING CHUTE	321092	1028
7	BOWIE WATER TANK	321092	1029
8	WILLCOX RAILROAD WATER TANK	321093	1058
8	WILLCOX STANDPIPE	321093	1059
9	SOLOMONSVILLE SCHOOLHOUSE CHIMNEY	321094	1034
10	TARGET ABOUT 4 MILES NE OF SEEL	321091	1014
10	WOOD OIL DERRICK	321092	1035
11	WILLCOX RADIO STATION KWCX MAST	321093	1028
12	WILLCOX US ARMY RADIO MAST	321093	1029

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
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