

Base prepared by the Army Map Service (BES), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods and from: New Mexico, 1:25,000 and 1:50,000, AMS, 1947-48; New Mexico, 1:50,000, USGS, 1941. Horizontal and vertical control by USCGS and USCE. Photography field annotated 1954.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS
 — NEW MEXICO CENTRAL — NEW MEXICO WEST
 — TEXAS CENTRAL

INDEX TO COUNTY BOUNDARIES
 (See county designations list for county identification)

PLANE COORDINATE ZONES
 □ NEW MEXICO CENTRAL □ NEW MEXICO WEST
 □ TEXAS CENTRAL

HORIZONTAL CONTROL

- Coast & Geodetic Survey**
- ▲ 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
- Geological Survey**
- ▲ 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**
- First Order
 - Second Order
 - Third Order
- Geological Survey**
- First Order
 - Second Order
 - Third Order
- STATE SURVEY CONTROL**
- Horizontal or Vertical

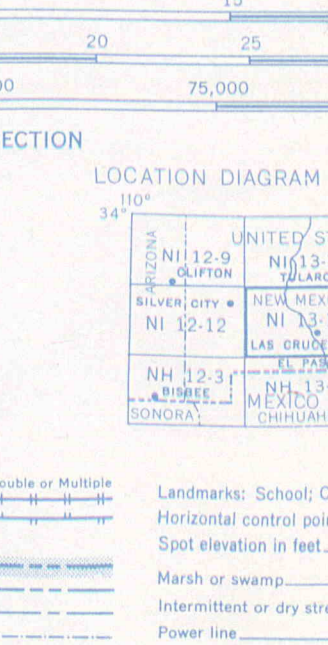
SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

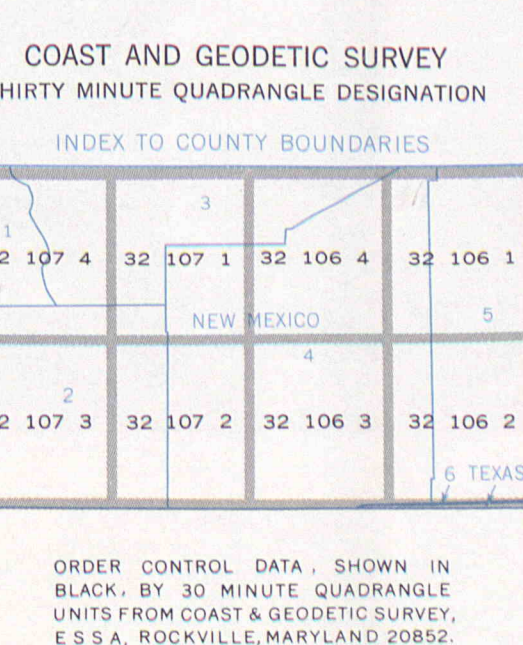
TRANSVERSE MERCATOR PROJECTION

- TOWNSHIP OR RANGE LINE
 LAND GRANT BOUNDARY
- LEGEND**
- ROADS
 Heavy duty
 More than two lanes wide
 Two lanes wide; Federal route marker
 Hard surface; medium duty
 More than two lanes wide
 Two lanes wide; State route marker
 Improved dirt
 Unimproved dirt
- RAILROADS**
 Single track; Double or Multiple
 Standard gauge
 Narrow gauge
 BOUNDARIES
 International
 State
 County
 Park or reservation
- Landmarks: School; Church; Other
 Horizontal control point
 Spot elevation in feet
 Marsh or swamp
 Intermittent or dry stream
 Power line

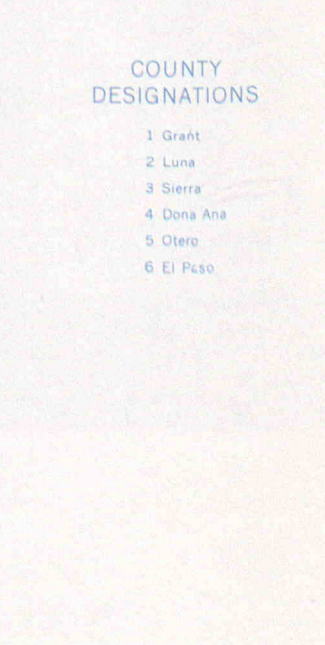
LOCATION DIAGRAM FOR NI 13-10



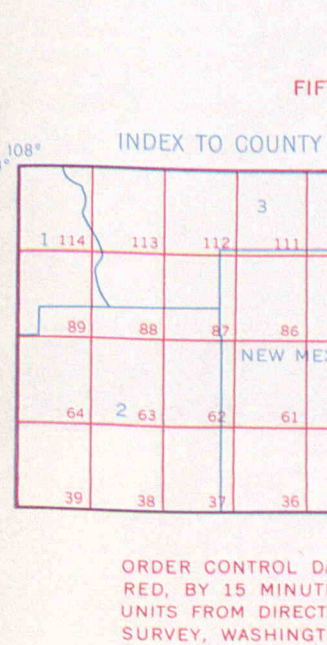
COAST AND GEODETIC SURVEY
 THIRTY MINUTE QUADRANGLE DESIGNATION



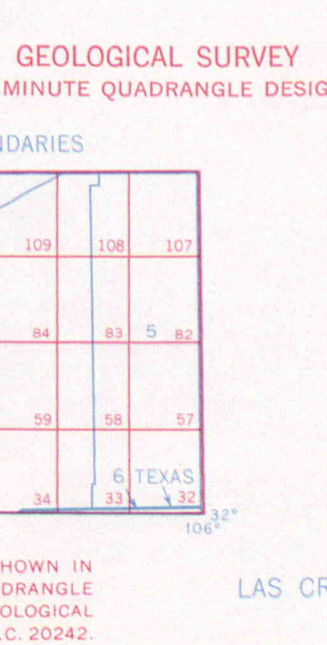
COUNTY DESIGNATIONS



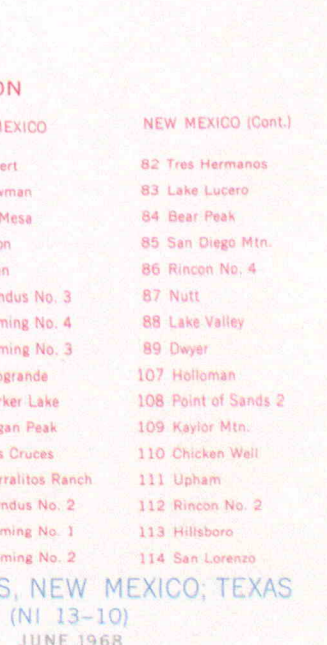
GEOLOGICAL SURVEY
 FIFTEEN MINUTE QUADRANGLE DESIGNATION



INDEX TO COUNTY BOUNDARIES



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



U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
 FORM - 6471 (1-63)
 DATE JUL 1969

**INDEX TO
 NUMBERED HORIZONTAL CONTROL STATIONS**
 by the
 Coast and Geodetic Survey

PAGE 1
 QUADS 321061-2-3-4 & 321071-2-3-4
 N MEX
 LATITUDE 32°00' TO 33°00'
 LONGITUDE 106°00' TO 108°00'
 DIAGRAMS 13-10 LAS CRUCES

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.	KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	MONUMENT 4 HAFB	321061	1002				
1	MONUMENT 3NA A TOWER HAFB	321061	1002				
1	BOEING RAMP HAFB	321061	1002				
2	T20S R5E SECS 33 34 QUARTER COR	321061	1023				
3	HULLOMAN A F B STORAGE TANK SMALLER OF 2	321061	1025				
4	HOLLOMAN AIR FORCE BASE WATER TANK	321061	1025				
5	HOLLOMAN AIR FORCE BASE CHURCH SPIRE	321061	1027				
6	JARILLA 2	321062	1004				
6	JARILLA ASTRONOMICAL STATION	321062	1004				
7	WHITE SANDS PROVING GRD SOUTH WATER TANK	321062	1029				
8	OROGRANDE SOUTHERN PACIFIC RR STANDPIPE	321062	1025				
9	OROGRANDE SMELTER	321062	1024				
10	NAVY 500 FT TOWER	321062					
11	MCGREGOR RANCH WINDMILL	321062	1026				
12	OTERO THEODOLITE STAND C 18	321062	1044				
12	HUECO CAMERA TARGET	321062	1037				
13	DEMING CITY WATER WORKS	321073	1024				
13	DEMING MUNICIPAL WATER TANK	321073	1028				
14	ADEN CONE USGS TARGET	321072	1016				
15	DEMING ARMY AIRFIELD CENTRAL WATER TANK	321073	1019				
16	DEMING LOADING CHUTE	321073	1027				
16	DEMING EASTERN LARGE BLACK RAILROAD TANK	321073	1026				
16	DEMING WESTERN BLACK RAILROAD TANK	321073	1030				
17	DEMING ARMY AIRFIELD WHITE TANK	321073	1018				
17	DEMING ARMY AIR FIELD RED AND WHITE STACK	321073	1023				
18	DEMING ARMY AIRFIELD WEST CONTROL TOWER	321073	1022				
18	DEMING ARMY AIRFIELD BEACON ON WATER TOWER	321073	1017				
19	DEMING COURTHOUSE SPIRE	321073	1025				
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20	HULLOMAN AIR FORCE BASE CONTROL TOWER	321061	1037				
20	HOLLOMAN AFB CONTROL TOWER	321061	1037				
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