

CROSS REFERENCE LIST
UNITED STATES

NEW MEXICO

STATION DESIGNATION	DOD REF NO	IGSN 71 G-VALUE
ALAMOGORDO	0430-0	979 116.33
ALBUQUERQUE	0404-2	979 210.63
BEAVERHEAD	4040-1	978 965.66
CARLSBAD	0431-3	979 189.42
CARRIZOZO	0429-2	979 132.71
CLAYTON	4034-1	979 390.40
CLINES CORNER	3883-2	979 109.09
CLOVIS	4036-1	979 278.80
CORONA	4669-1	979 097.19
CUBA	4668-1	979 165.37
DATIL	4667-1	978 994.04
DEMING	0428-1	979 077.13
FLIDA	4035-1	979 247.61
EUNICE	4037-1	979 242.51
FARMINGTON	4666-1	979 337.72
FORT SUMNER	4665-1	979 272.32
GALLUP	4039-1	979 154.24
GLENWOOD	4664-1	979 090.56
GRANTS	4009-1	979 135.75
HATCH	3888-1	979 131.40
LAS CRUCES	4663-1	979 120.17
LAS VEGAS	4656-1	979 193.32
LORDSBURG	3969-1	979 122.51
LUMBERTON	4662-1	979 229.72
MOUNTAINAIR	4011-1	979 106.26
QUEMADO	4038-1	979 044.92
RATON	0101-3	979 290.29
RED RIVER	4013-1	979 084.79
RODEO	1094-1	979 029.24
ROSWELL	3885-2	979 238.86
ROY	4033-1	979 295.59
RUIDOSO	4661-1	979 050.83
SANTA FE	0037-2	979 164.85
SANTA ROSA	4012-1	979 266.12
SILVER CITY	3968-1	979 006.48
SOCORRO	4010-2	979 174.63
SPRINGER	4660-1	979 303.44
TATUM	4659-1	979 243.07
TRES PIEDRAS	4658-1	979 151.75
TRUTH OR CONSEQUENCES	3918-1	979 154.36
TUCUMCARI	4657-1	979 341.27

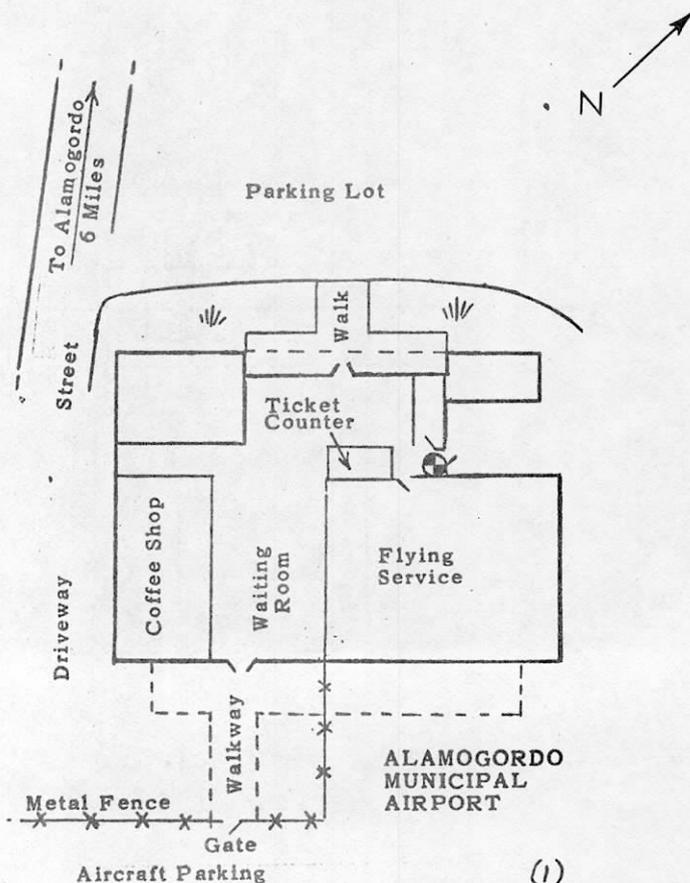
GRAVITY BASE STATION

LATITUDE 32° 51.00' N (1)	STATION DESIGNATION ALAMOGORDO	
LONGITUDE 106° 00.00' W (1)		
ELEVATION 1280.00 METERS (1)	COUNTRY/STATE USA/New Mexico	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 0430-0	$\bar{g} =$ 979 130.10 mgals	
IGC 11925J		
		ESTIMATED ACCURACY
		± 0.1 mgals
		DATE
		July/1967

DESCRIPTION AND/OR SKETCH

The station is about six miles southwest of Alamogordo at the Alamogordo Municipal Airport Terminal (built in 1959), northeast side, east of the street side entrance, about three meters northeast of the ticket counter and the door leading to the Flying Service, at the east corner of the hallway, next to the door leading to the driveway, on the tile floor.

Station is monumented with a USAF Gravity Disk. (1)



REFERENCE SOURCE

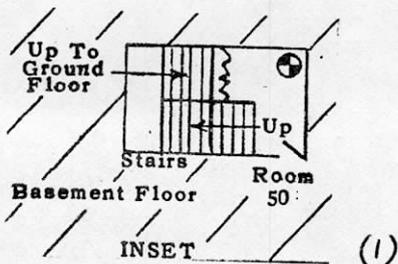
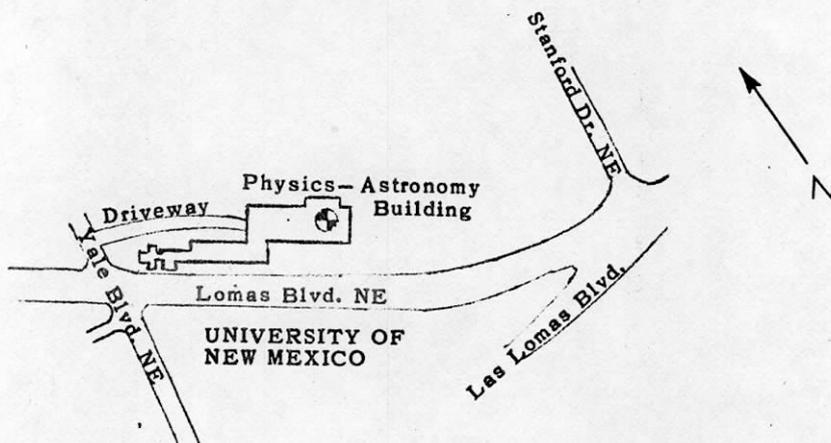
(1) 02733

GRAVITY BASE STATION

LATITUDE	35° 05.20'N	(1)	STATION DESIGNATION	
LONGITUDE	106° 37.00'W	(1)	ALBUQUERQUE	
ELEVATION	1575.80	METERS (1)	COUNTRY/STATE	
			USA/New Mexico	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 0404-2			g = 979 224.41 mgals	
IGB 11956B				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
				July/1967

DESCRIPTION AND/OR SKETCH

The station is in Albuquerque at the University of New Mexico, at the northeast corner of Yale Boulevard NE and Lomas Boulevard NE in the Physics-Astronomy Building (800 Yale Boulevard NE, built in 1965), near the northeast corner, on the basement floor, at the bottom of the stairwell that leads up to the ground floor and Room 150, about two meters northeast of the door to Room 50, in the northeast corner of the stairwell. The station is on the tile floor and is monumented with a National Gravity Base Disk. (1)



REFERENCE SOURCE

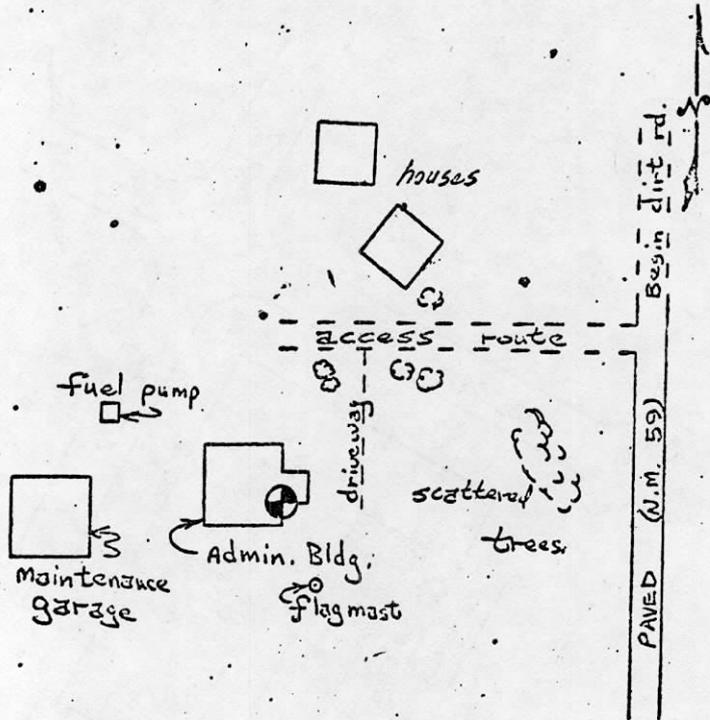
(1) 02733

GRAVITY BASE STATION

LATITUDE	33° 25.25'N	(1)	STATION DESIGNATION	
LONGITUDE	108° 06.70'W	(1)	BEAVERHEAD	
ELEVATION	METERS		COUNTRY/STATE	
			USA/New Mexico	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4040-1			g = 978 979.36 mgals	
IGB 11938B				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

Beaverhead, New Mexico, at USFS ranger station, on concrete surface of entrance to administrative office, approximately 2 feet south of door, and approximately 27 feet north-northwest of flagpole; outside of building. (1)



(1)

REFERENCE SOURCE

(1) 03390

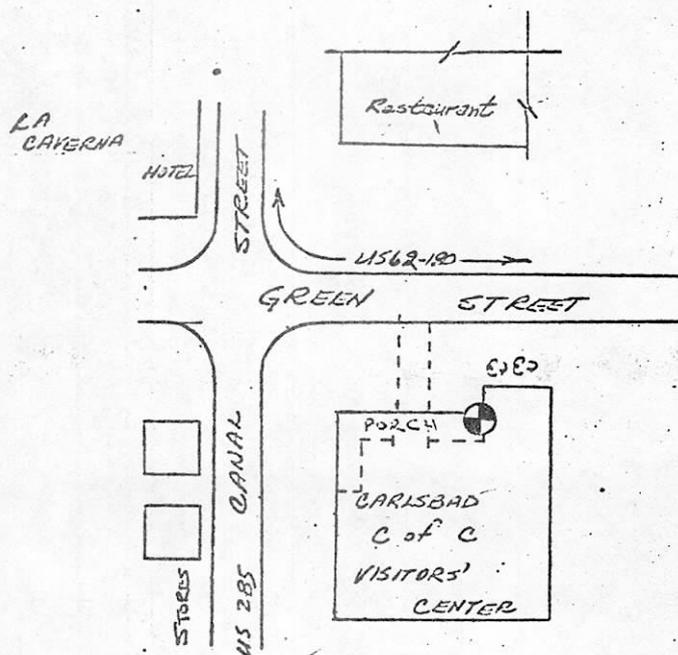
GRAVITY BASE STATION

LATITUDE	32° 25.06'N	STATION DESIGNATION CARLSBAD	
LONGITUDE	104° 13.70'W		
ELEVATION	948.5 METERS	COUNTRY/STATE USA/New Mexico	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0431-3		$g =$	979 203.12 mgals
IGB 11924B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Carlsbad, New Mexico, at Carlsbad Chamber of Commerce Visitors Center, on concrete surface of walkway, approximately 15 feet east of north (main) entrance to building, in corner under porch.

Station site is located in southeast quadrant of north-south and east-west street intersection; in center area of city. (1)



(1)

REFERENCE SOURCE

(1) 03390

701

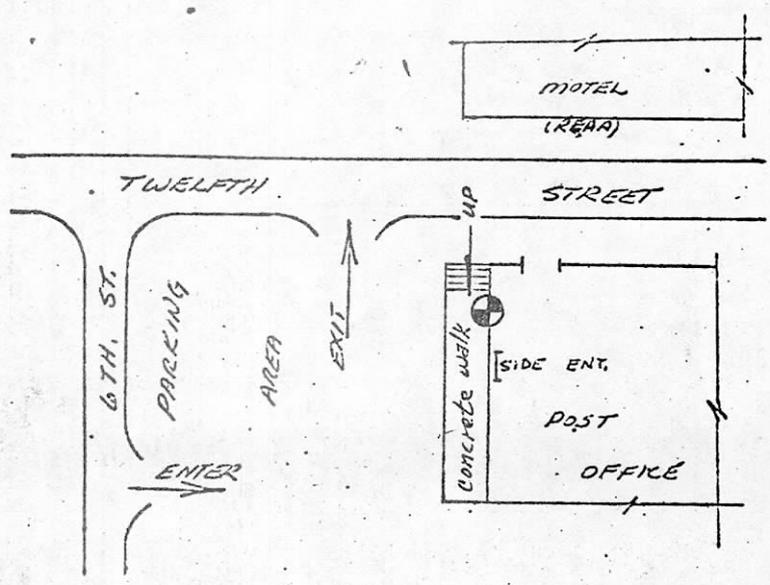
GRAVITY BASE STATION

LATITUDE		33° 38.7'N (1)		STATION DESIGNATION		CARRIZOZO	
LONGITUDE		105° 52.3'W (1)		COUNTRY/STATE		USA/New Mexico	
ELEVATION		1661.2 METERS (1)		ESTIMATED ACCURACY		DATE	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE			
ACIC 0429-2				$g =$ 979 146.41 mgals		MONTH/YEAR 10/70	
IGB 11935B							
				± 0.1 mgals			

DESCRIPTION AND/OR SKETCH

Carrizozo, New Mexico; at post office, on concrete surface of northwest corner of building, on walkway leading to rear of building; approximately 3 feet north of station identification sign mounted on west wall.

Station site is located at street intersection of east-west paved street (12th Street) and "T" Street south (6th Street). (1)



REFERENCE SOURCE

(1) 03390

699

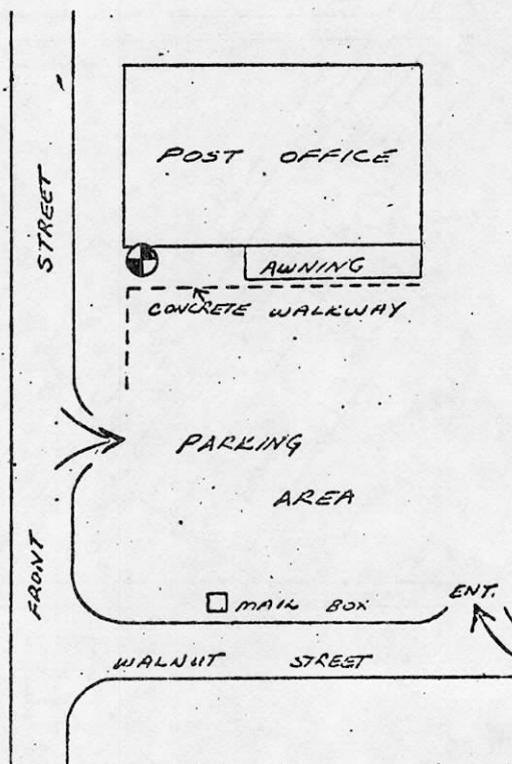
GRAVITY BASE STATION

LATITUDE	36° 27.10'N	(1)	STATION DESIGNATION CLAYTON	
LONGITUDE	103° 11.10'W	(1)		
ELEVATION	1524.0	METERS (1)	COUNTRY/STATE USA/New Mexico	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4034-1			g = 979 404.10 mgals	
IGB 11963B				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR 11/70

DESCRIPTION AND/OR SKETCH

Clayton, New Mexico; at post office at southwest corner of building on concrete surface of walkway, approximately 18 feet North-Northeast of lamppost and under west edge of post office identification sign.

Station site located in northeast quadrant of North-South street (Front Street) and "T" street east (Walnut Street). (1)



REFERENCE SOURCE

(1) 03390

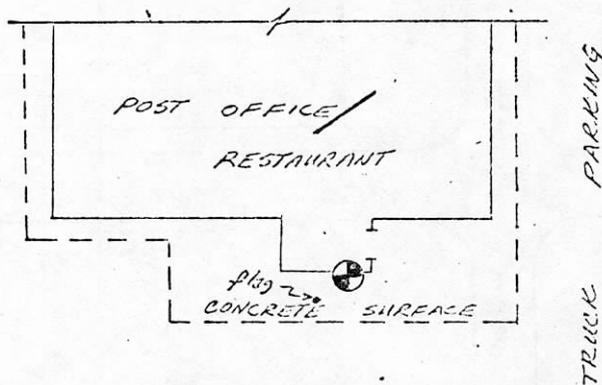
GRAVITY BASE STATION

LATITUDE 35° 00.6'N (1)	STATION DESIGNATION CLINES CORNER	
LONGITUDE 105° 40.1'W (1)		
ELEVATION 2161.0 METERS (1)	COUNTRY/STATE USA/New Mexico	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 3883-2	g = 979 122.79 mgals	
IGB 11955B		
		ESTIMATED ACCURACY
		± 0.1 mgals
		DATE
		MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Clines Corner, New Mexico; at post office/restaurant combination; on concrete surface of walkway at east corner of masonry facade at entrance to building, approximately 3 ft south of door entrance, and approximately 10 feet northeast of flag pole.

Station site located at area known as Lines Corner Truck Stop. (1)



REFERENCE SOURCE

(1) 03390

1334

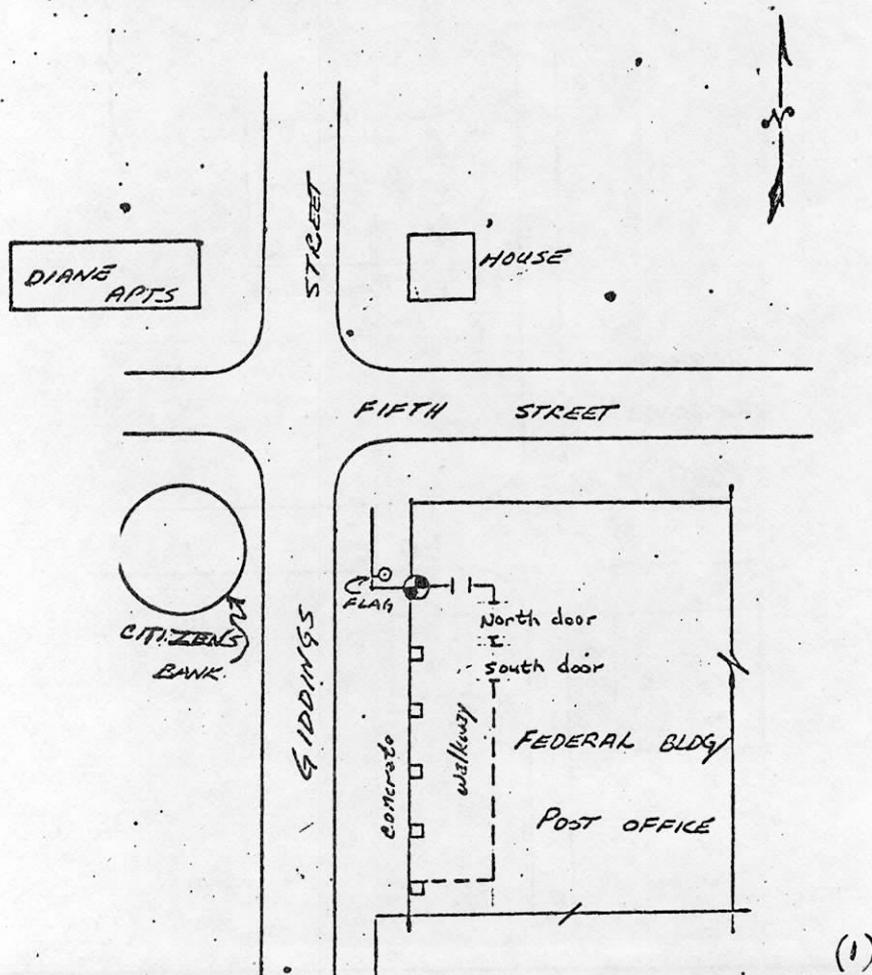
GRAVITY BASE STATION

LATITUDE	34° 24.15'N	(1)	STATION DESIGNATION		CLOVIS
LONGITUDE	103° 12.11'W	(1)			
ELEVATION	1298.4	METERS (1)	COUNTRY/STATE		
			USA/New Mexico		
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4036-1			$g =$		979 292.50
IGB 11943B					mgals
			ESTIMATED ACCURACY		DATE
			± 0.1 mgals		MONTH/YEAR
					10/70

DESCRIPTION AND/OR SKETCH

Clovis, New Mexico; Federal Building/Post Office, at west entrance (Giddings St.), approximately 25 feet north-northwest of southernmost door entrance to Post Office, approximately 18 feet south-southeast of flagmast, and approximately 3 feet west of two plaques "Great Seal of United States"; at base of concrete pillar at corner of building.

Station site located in southeast quadrant of Fifth Street (East-West paved) and Giddings Street (North-South paved). (1)



REFERENCE SOURCE

(1) 03390

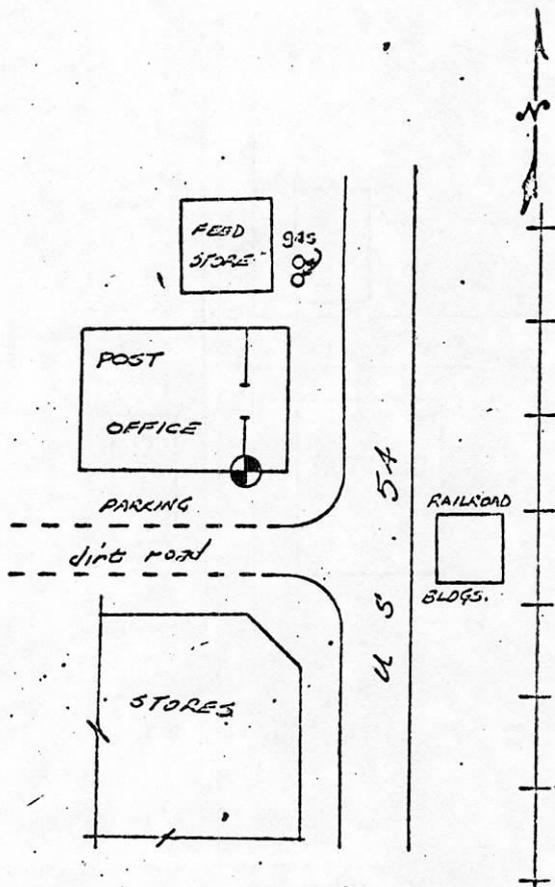
GRAVITY BASE STATION

LATITUDE <div style="text-align: right; padding-right: 20px;">34° 15.0'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">CORONA</div>
LONGITUDE <div style="text-align: right; padding-right: 20px;">105° 35.7'W (1)</div>	
ELEVATION <div style="text-align: right; padding-right: 20px;">2031.2 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/New Mexico</div>
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 4669-1 IGB 11945B	$g = 979\ 110.89$ mgals
	ESTIMATED ACCURACY ± 0.1 mgals
	DATE MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Corona, New Mexico; post office on concrete surface of walkway leading to entrance, at southeast corner of building, approximately 1 foot south and under station identification sign and approximately 4 feet north of flagpole.

Station site located in northwest quadrant of north-south paved road (US 54) and "T" dirt road W. (1)



REFERENCE SOURCE

(1) 03390

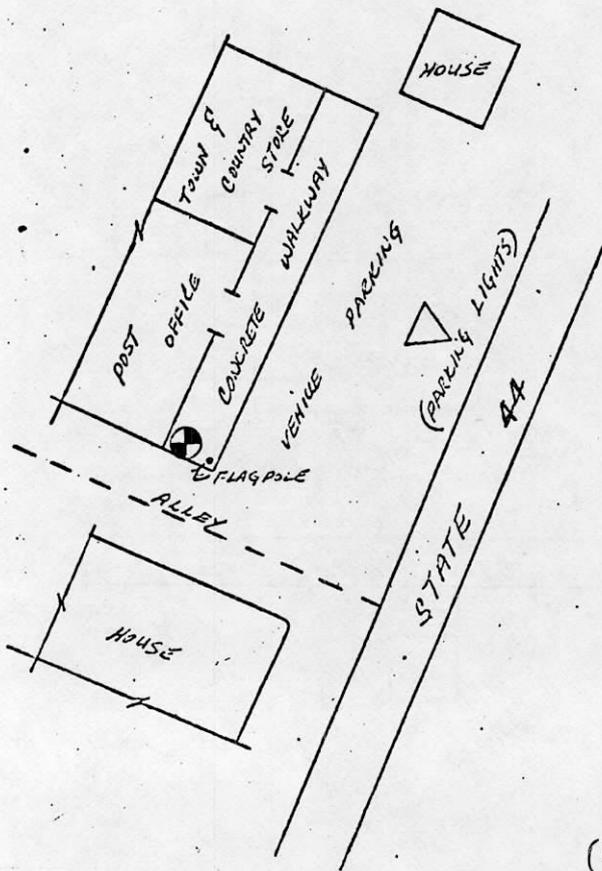
1581

GRAVITY BASE STATION

LATITUDE <div style="text-align: right; padding-right: 20px;">36° 01.22'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">CUBA</div>
LONGITUDE <div style="text-align: right; padding-right: 20px;">106° 57.55'W (1)</div>	
ELEVATION <div style="text-align: right; padding-right: 20px;">2105.6 METERS (1)</div>	COUNTRY/STATE USA/New Mexico
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 4668-1 IGB 11966B	$g = 979\ 179.07$ mgals
	ESTIMATED ACCURACY DATE
	± 0.1 mgals MONTH/YEAR
	12/71

DESCRIPTION AND/OR SKETCH

Cuba, New Mexico; at post office at southeast corner of building at southwest corner of concrete walkway, approximately 8 feet north-west of flagpole, and approximately 2 feet north-northeast of large mailbox mounted to wall of building. (1)



REFERENCE SOURCE

(1) 03390

GRAVITY BASE STATION

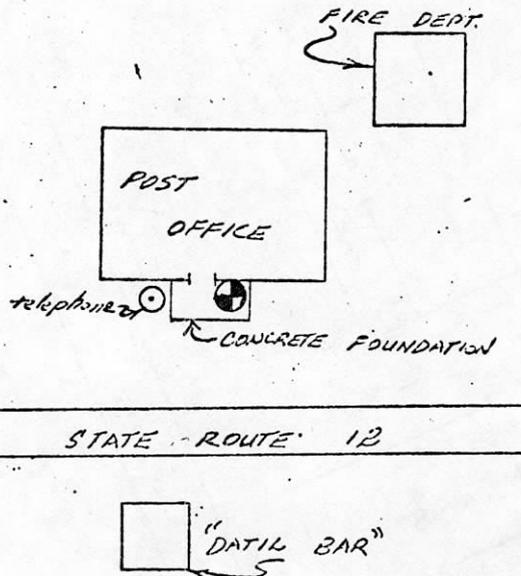
LATITUDE	34° 08.70'N	(1)	STATION DESIGNATION	
LONGITUDE	107° 50.44'W	(1)	DATIL	
ELEVATION	2243.3	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4667-1			g = 979 007.74 mgals	
IGB 11947B				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
				12/71

DESCRIPTION AND/OR SKETCH

Datil, New Mexico; at post office on southeast corner of concrete foundation at main entrance to building, approximately 10 feet east of door and approximately 10 feet west of southeast corner of building.

Station site located in settlement of Datil, approximately 100 feet north of centerline of east-west paved street (state route 12).

(1)



REFERENCE SOURCE

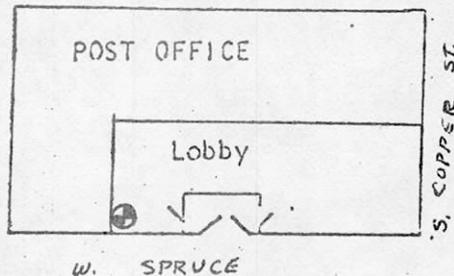
(1) 03390

GRAVITY BASE STATION

LATITUDE <div style="text-align: right; padding-right: 20px;">32° 16.06'N (1)</div>	STATION DESIGNATION <div style="text-align: center; padding-top: 10px;">DEMING</div>
LONGITUDE <div style="text-align: right; padding-right: 20px;">107° 45.58'W (1)</div>	
ELEVATION <div style="text-align: right; padding-right: 20px;">1323.7 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center; padding-top: 5px;">USA/New Mexico</div>
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0428-1 IGB 11927B	$g =$ 979 090.95 mgals
	ESTIMATED ACCURACY DATE
	\pm 0.1 mgals MONTH/YEAR <div style="text-align: right; padding-right: 20px;">10/70</div>

DESCRIPTION AND/OR SKETCH

The station is in Deming, inside the post office, in the lobby, in the southwest corner, 12 inches from the south wall, 6 inches from the west wall, on the floor. The station is monumented with a standard "USAF Gravity Station" disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

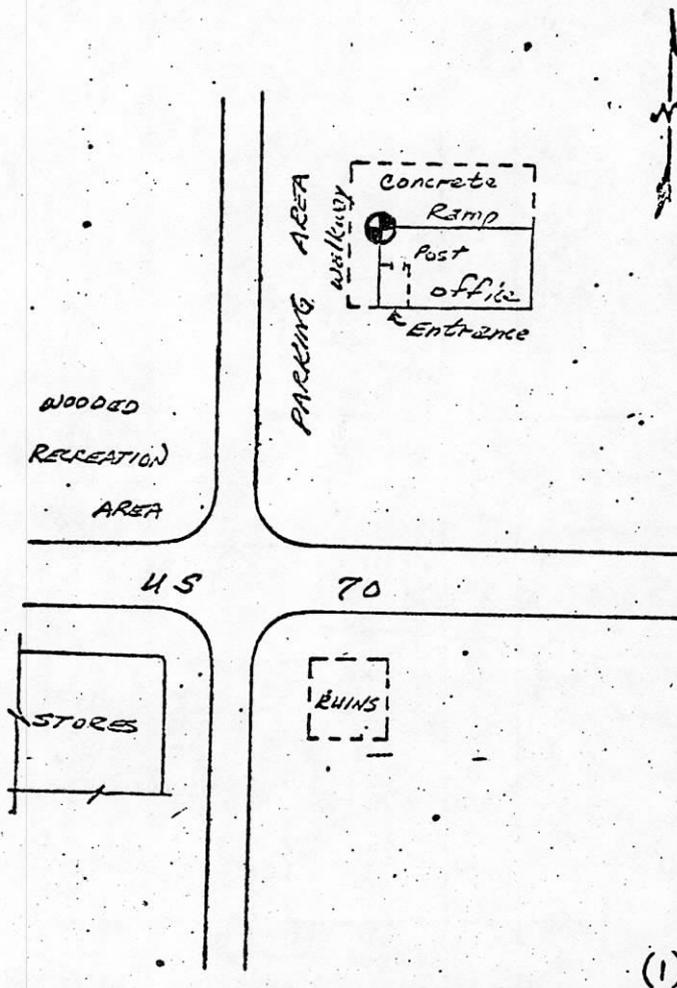
GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">33° 56.80'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">ELIDA</div>	
LONGITUDE <div style="text-align: center;">103° 39.30'W (1)</div>		
ELEVATION <div style="text-align: center;">1324.4 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/New Mexico</div>	
REFERENCE CODE NUMBERS ACIC 4035-1 IGB 11933B		ADOPTED GRAVITY VALUE <div style="text-align: center;">g = 979 261.31 mgals</div>
		ESTIMATED ACCURACY <div style="text-align: center;">± 0.1 mgals</div>
		DATE <div style="text-align: center;">MONTH/YEAR 1/72</div>

DESCRIPTION AND/OR SKETCH

Elida, New Mexico; at Elida post office; at northwest corner of small red-brick bldg, on concrete surface of walkway leading to back side (north) of building.

Station site is located in approximate center of town. (1)



(1)

REFERENCE SOURCE

(1) 03390

1441

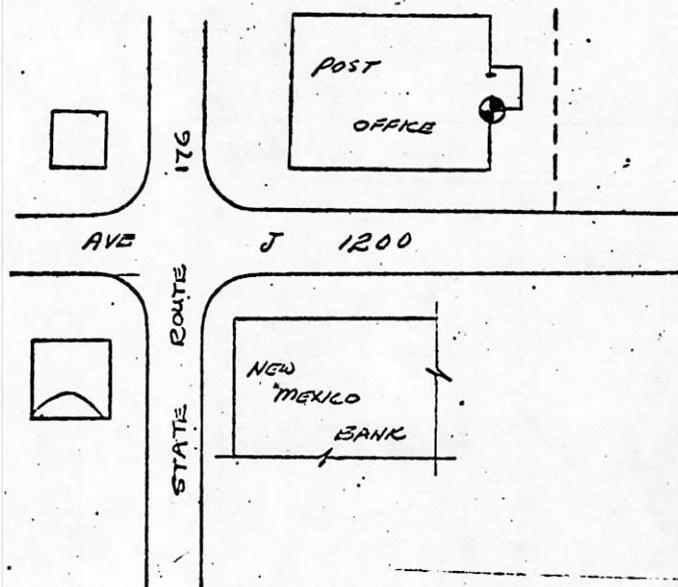
GRAVITY BASE STATION

LATITUDE		32° 26.30'N	(1)	STATION DESIGNATION			
LONGITUDE		103° 09.30'W	(1)	EUNICE			
ELEVATION		1039.4	METERS (1)	COUNTRY/STATE		USA/New Mexico	
REFERENCE CODE NUMBERS				ADOPTED GRAVITY VALUE			
ACIC 4037-1				$g =$ 979 256.21 mgals			
IGB 11923B							
				ESTIMATED ACCURACY		DATE	
				± 0.1 mgals		MONTH/YEAR	
						10/70	

DESCRIPTION AND/OR SKETCH

Eunice, New Mexico; Eunice Post Office, on east side of building (mail delivery entrance); on concrete surface of loading ramp, under roof, approximately 1.0 foot east of east wall, on southwest corner of ramp.

To reach from intersection of State Route 176 (north-south paved road), and Avenue J 1200 (east-west paved street), proceed easterly for approximately 400 feet to Post Office building and station site on north (left) side of street. (1)



(1)

REFERENCE SOURCE

(1) 03390

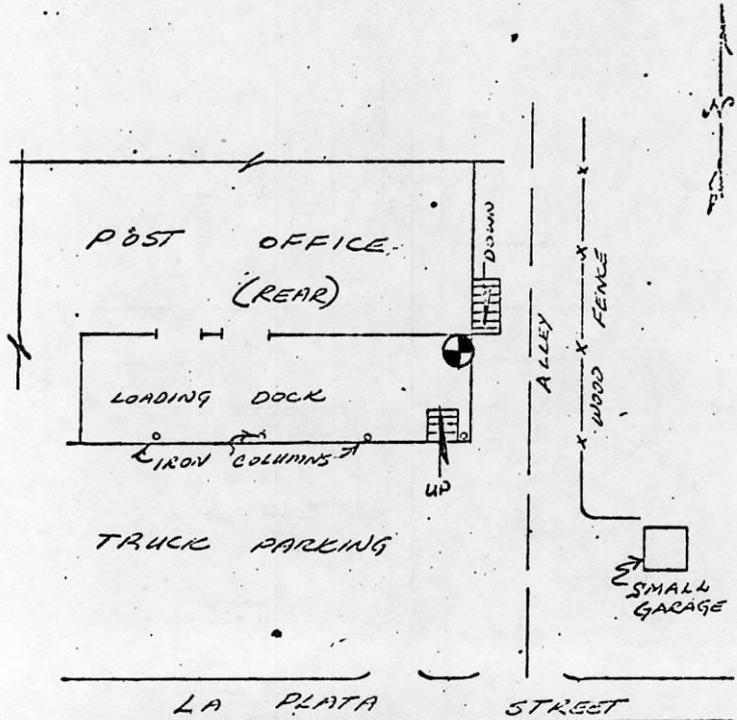
1443

GRAVITY BASE STATION

LATITUDE	36° 43.9'N	(1)	STATION DESIGNATION	
LONGITUDE	108° 12.6'W	(1)	FARMINGTON	
ELEVATION	1618.5	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4666-1			g = 979 351.42 mgals	
IGB 11968B				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
				12/71

DESCRIPTION AND/OR SKETCH

Farmington, New Mexico; at post office at southeast corner of building on northeast corner of concrete loading dock, approximately 21 feet west of centerline of north-south dirt driveway (alley), 15 feet north of 4" diameter iron pipe column which is easternmost column of four such columns. (1)



(1)

REFERENCE SOURCE

(1) 03390

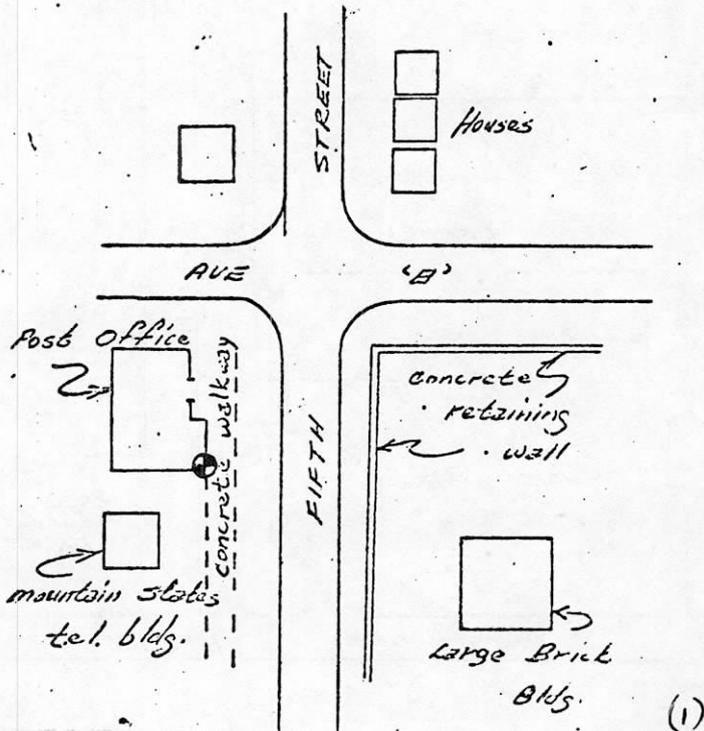
GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">34° 28.4'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">FORT SUMNER</div>	
LONGITUDE <div style="text-align: center;">104° 14.6'W (1)</div>		
ELEVATION <div style="text-align: center;">1236.0 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/New Mexico</div>	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4665-1 IGB 11944B	g = 979 286.02 mgals	
		ESTIMATED ACCURACY ± 0.1 mgals
		DATE MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Fort Sumner, New Mexico; at Fort Sumner post office, on concrete surface of walkway, at southeast corner of small brick building, approximately 3 feet south of post office identification sign and zip code.

Station site located in southwest quadrant of Avenue "B" (east-west paved street) and Fifth street (north-south paved street). (1)



REFERENCE SOURCE

(1) 03390

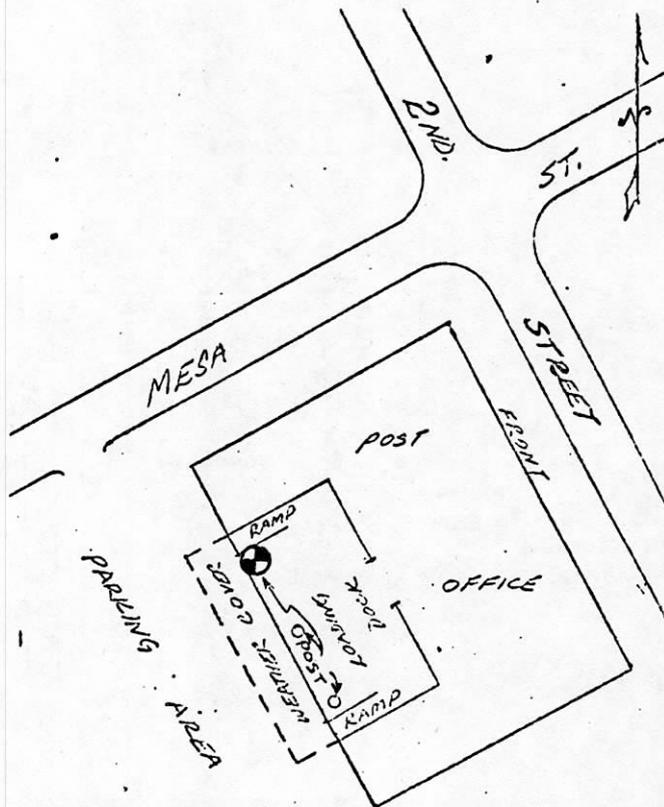
GRAVITY BASE STATION

LATITUDE	35° 31.45'N (1)	STATION DESIGNATION	
LONGITUDE	108° 44.45'W (1)	GALLUP	
ELEVATION	1993.4 METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 4039-1		g = 979 167.94 mgals	
IGB 11958B			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR
			10/70

DESCRIPTION AND/OR SKETCH

Gallup, New Mexico; Post Office at rear loading ramp of building, on northwest corner of concrete surface, approximately 2 feet northwest of 4 inch supporting post with power outlet, which is the northernmost post of three such posts.

Station site located in southwest quadrant of east-northeast -- west-southwest paved street (Mesas Street) and north-northwest -- south-southeast paved street (2nd street). (1)



(1)

REFERENCE SOURCE

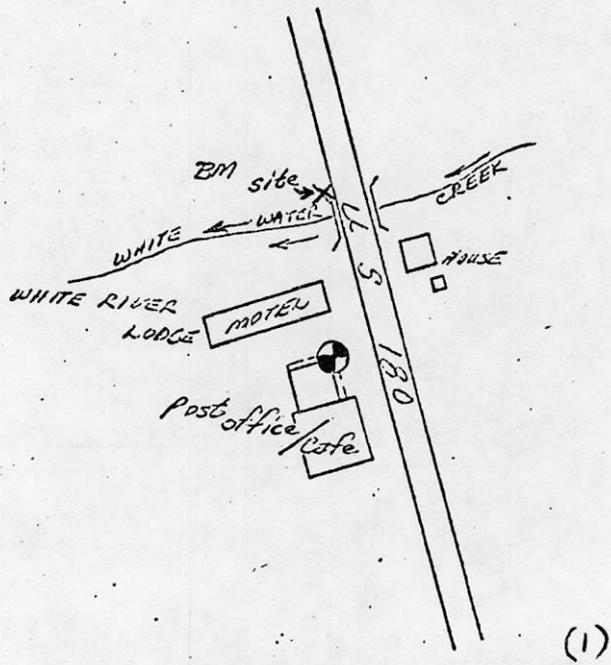
(1) 03390

GRAVITY BASE STATION

LATITUDE	33° 18.95'N	(1)	STATION DESIGNATION	
LONGITUDE	108° 52.96'W	(1)	GLENWOOD	
ELEVATION	1435.6	METERS (1)	COUNTRY/STATE	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4664-1			g = 979 104.26 mgals	
IGB 11938B				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
				12/71

DESCRIPTION AND/OR SKETCH

Glenwood, New Mexico, at Glenwood post office, on north-northeast corner of building on concrete surface of walkway leading to cafe, approximately 5.0 feet south-southwest of flagpole. (1)



REFERENCE SOURCE

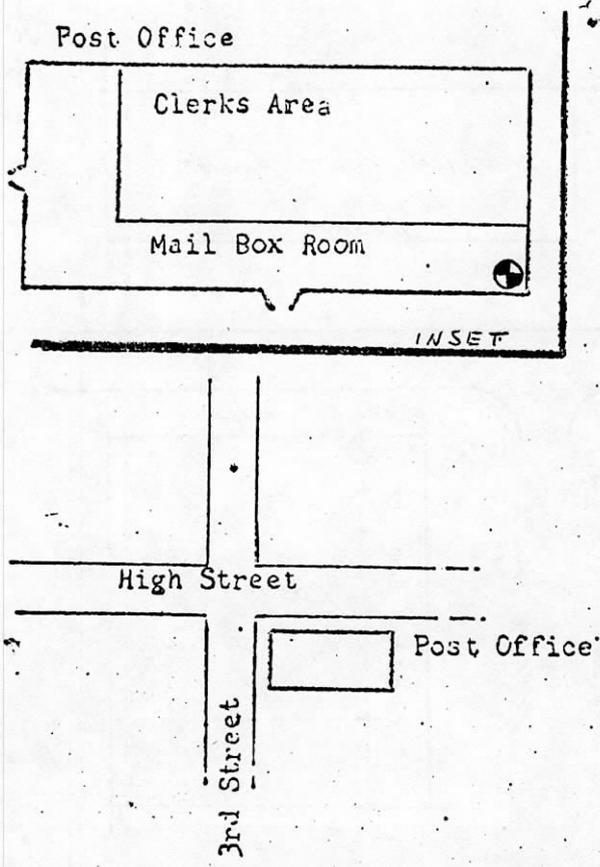
(1) 03390

GRAVITY BASE STATION

LATITUDE 35° 09.12'N (1)	STATION DESIGNATION GRANTS	
LONGITUDE 107° 51.01'W (1)		
ELEVATION 1964.4 METERS(1)	COUNTRY/STATE USA/New Mexico	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4009-1	g = 979 149.55 mgals	
IGB 11957-B		
	ESTIMATED ACCURACY	DATE
	± 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is one block north of Highway 66 in Grants at the corner of Third street and High Street, at the Post Office, in the lobby, in the northeast corner, on the floor. The station is monumented with a "USAF Gravity Station" disk. (1)



REFERENCE SOURCE

(1) 03405

GRAVITY BASE STATION

LATITUDE	32° 39.85'N	(1)	STATION DESIGNATION HATCH	
LONGITUDE	107° 09.15'W	(1)		
ELEVATION	1236.3	METERS (1)	COUNTRY/STATE USA/New Mexico	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3888-1			g = 979 145.10 mgals	
HUS 387				
			ESTIMATED ACCURACY	DATE
			+ 0.3 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

T 19S, R 3W, S9

In the town of Hatch, in the Atchison-Topeka and Santa Fe railway yards, at the James Dick Company Wholesale House, in the east wall, 3 feet above the ground BM stamping: "K 81, 1934". (1)

REFERENCE SOURCE

(1) 04099

1341

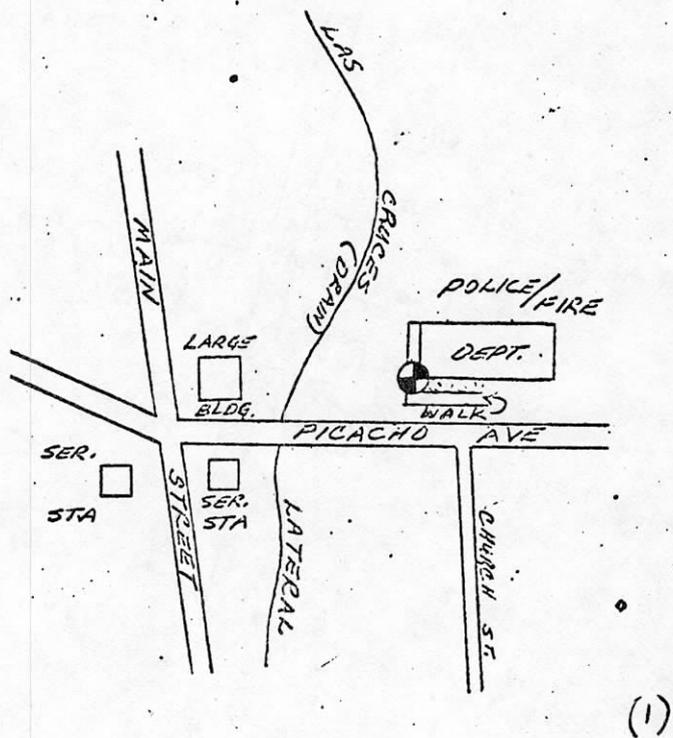
GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">32° 18.97'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">LAS CRUCES</div>	
LONGITUDE <div style="text-align: center;">106° 46.74'W (1)</div>		
ELEVATION <div style="text-align: center;">1188.7 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/New Mexico</div>	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4663-1		$g = 979\ 133.87$ mgals
IGB 11926B		
		ESTIMATED ACCURACY
		DATE
	± 0.1 mgals	MONTH/YEAR
		12/71

DESCRIPTION AND/OR SKETCH

Las Cruces, New Mexico, at Las Cruces Police Department/Fire Department, on concrete surface of walkway leading to west entrance of Police Department, at southwest corner of building, and approximately 1.0 foot west of corner.

To reach from intersection of Picacho Avenue (east-west paved road) and Main Street (north-south paved road); proceed east along Picacho Avenue for approximately 0.1 mile to station site on left (north) side. (1)



REFERENCE SOURCE

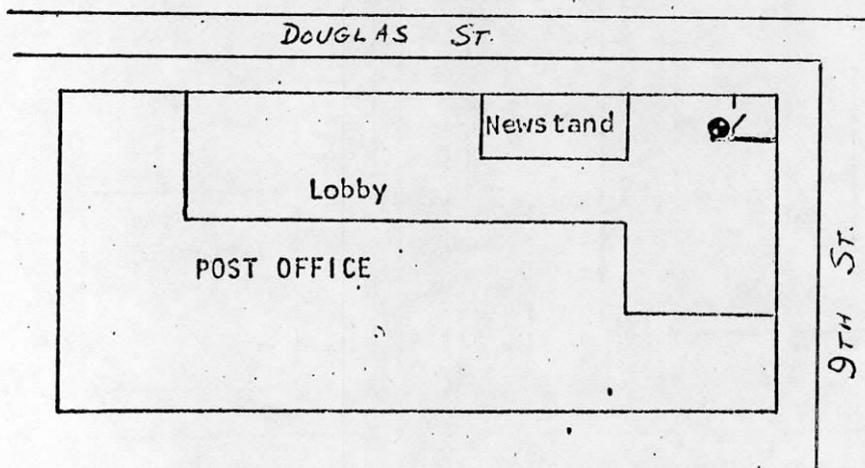
(1) 03390

GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">35° 35.62'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">LAS VEGAS</div>	
LONGITUDE <div style="text-align: center;">105° 13.10'W (1)</div>		
ELEVATION <div style="text-align: center;">1961.7 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/New Mexico</div>	
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE	
ACIC 4656-1 IGB 11955B	$g = 979\ 207.02$ mgals	
	ESTIMATED ACCURACY ± 0.1 mgals	DATE MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

The station is in Las Vegas, inside the main post office, in the northeast corner of the lobby, two feet from the door to the custodian's closet, three inches from the interior partition, on the floor. (1)



(1)

REFERENCE SOURCE

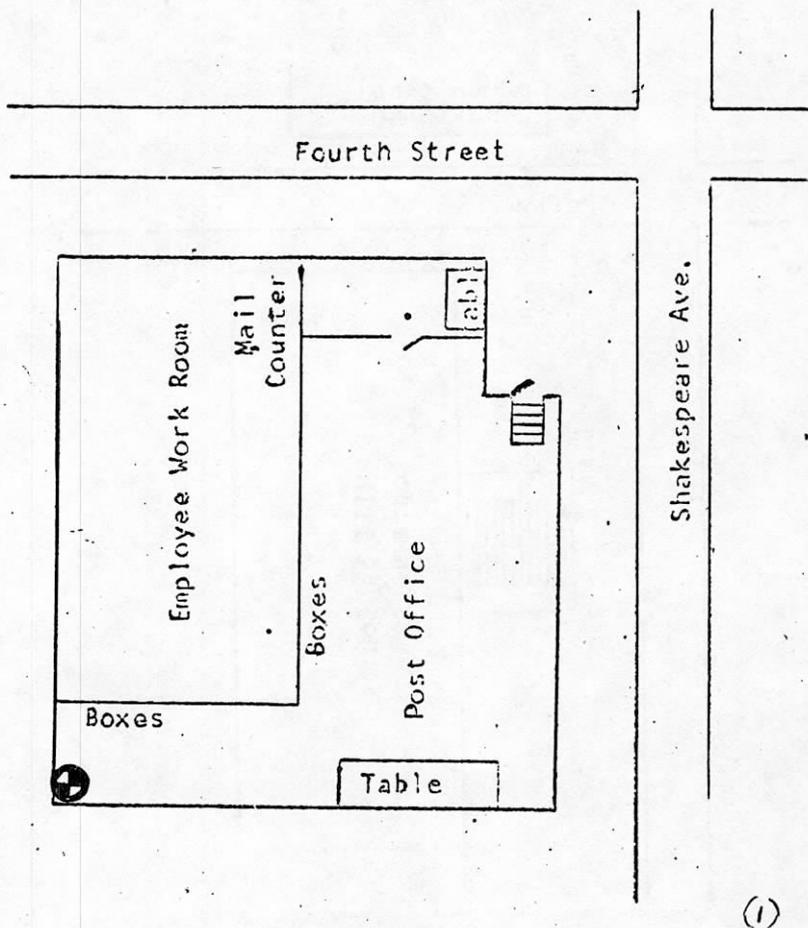
(1) 03390

GRAVITY BASE STATION

LATITUDE 32°18.52'N (1)	STATION DESIGNATION LORDSBURG	
LONGITUDE 108°41.90'W (1)		
ELEVATION 1296.6 METERS (1)	COUNTRY/STATE USA/New Mexico	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 3969-1	g = 979 122.51 mgals	
IGB 11928C		
	ESTIMATED ACCURACY	DATE
	+ 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is located at Lordsburg, inside the new Post Office in the far back of the public mail box section on the floor in the west corner of the building, monumented with a USAF Gravity Disk. (1)



REFERENCE SOURCE

(1) 03405

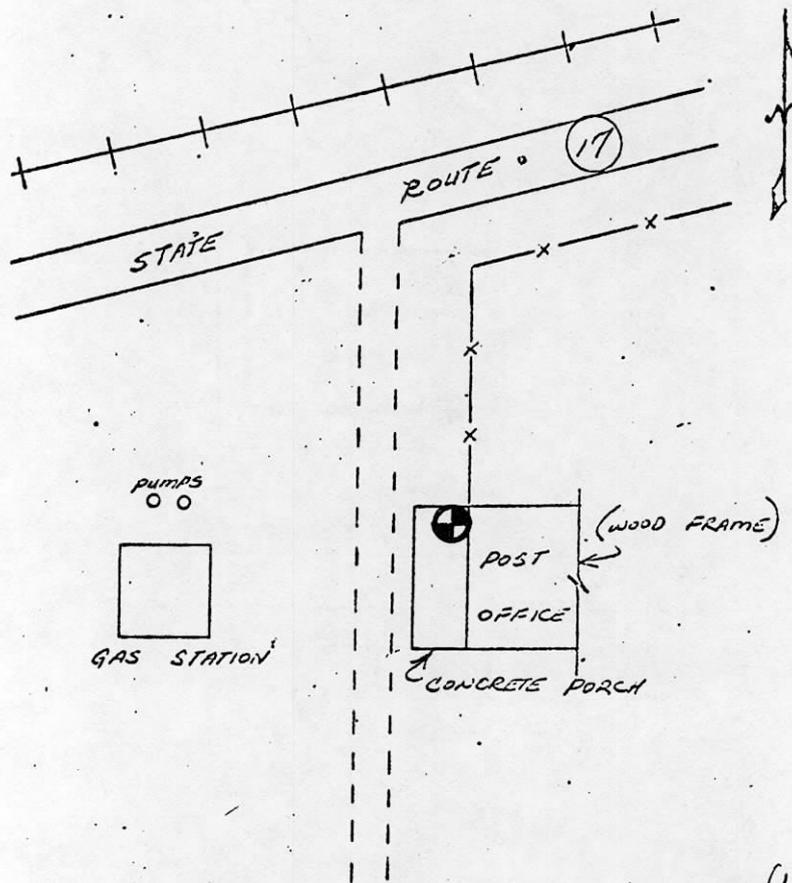
GRAVITY BASE STATION

LATITUDE 36° 55.90'N (1)	STATION DESIGNATION LUMBERTON	
LONGITUDE 106° 55.94'W (1)	COUNTRY/STATE USA/New Mexico	
ELEVATION 2086.4 METERS (1)	ADOPTED GRAVITY VALUE g = 979 243.42 mgals	
REFERENCE CODE NUMBERS	ESTIMATED ACCURACY	
ACTIC 4662-1	± 0.1 mgals	
IGB 11966B	DATE MONTH/YEAR 12/71	

DESCRIPTION AND/OR SKETCH

Lumberton, New Mexico; at post office on northeast corner of concrete porch surface at northwest corner of wood frame building, approximately 12 feet north of main entrance and approximately 8 feet east of northwest corner of concrete porch.

Station site located in southeast quadrant of State Route 17 and dirt road south. (1)



REFERENCE SOURCE

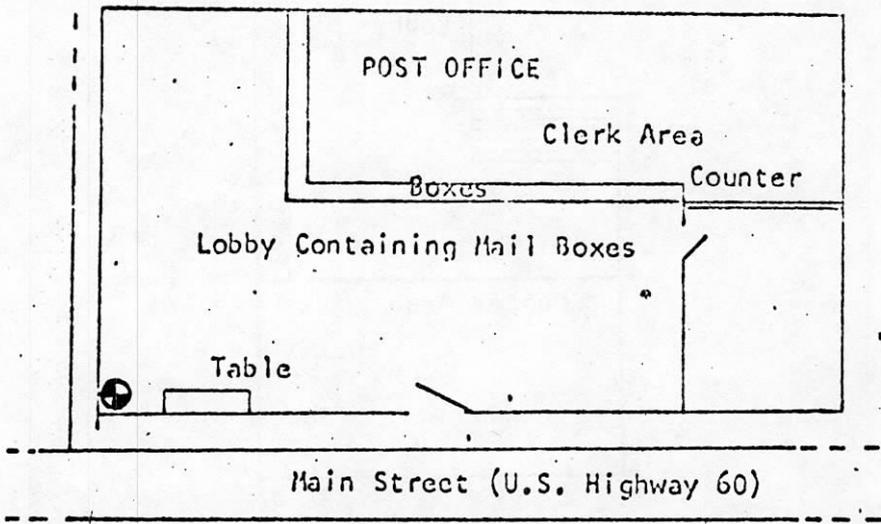
(1) 03390

GRAVITY BASE STATION

LATITUDE	34° 31.30'N	(1)	STATION DESIGNATION MOUNTAINAIR	
LONGITUDE	106° 14.58'W	(1)		
ELEVATION	1989.7	METERS (1)	COUNTRY/STATE USA/New Mexico	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4011-1			g = 979 120.06 mgals	
IGB 11946C				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

The station is in Mountainair, on Main Street, inside the Post Office, in the lobby containing the mail boxes, in the southwest corner, on the floor. The station is monumented with a standard "USAF Gravity Station" disk. (An USGS Bench Mark is set in front of the main entrance of the Post Office in the sidewalk). (1)



(1)

REFERENCE SOURCE

(1) 03405

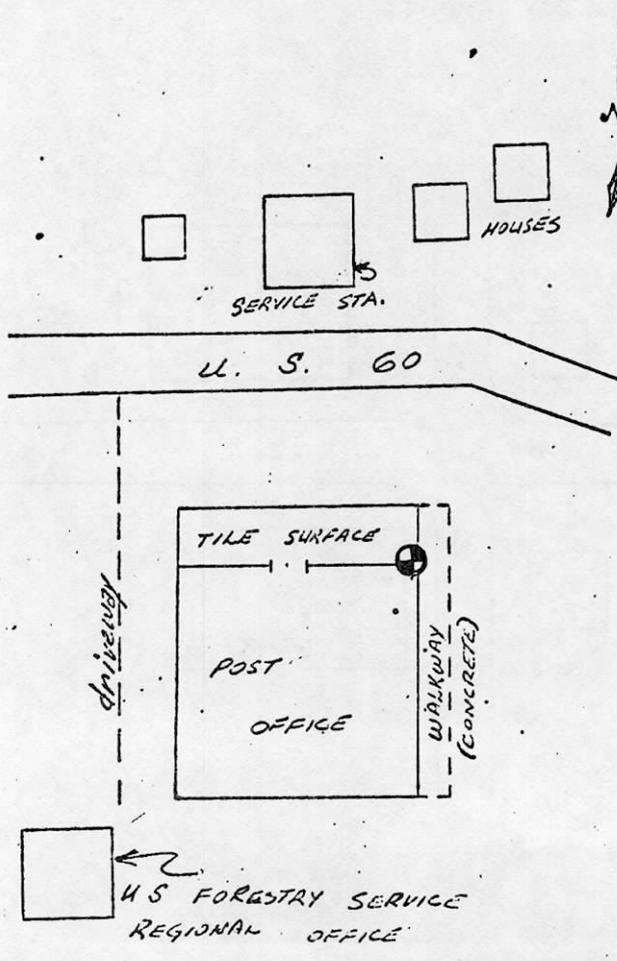
GRAVITY BASE STATION

LATITUDE	34° 20.6'N	(1)	STATION DESIGNATION QUEMADO	
LONGITUDE	108° 29.8'W	(1)		
ELEVATION	2130.6	METERS (1)	COUNTRY/STATE USA/New Mexico	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4038-1			$g =$ 979 058.62 mgals	
IGB 11948B				
			ESTIMATED ACCURACY	DATE
			\pm 0.1 mgals	MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

Quemado, New Mexico; Post Office at northeast corner of building at west edge of north-south concrete walk (leading to rear of building), on southeast corner of tile surface; approximately 15 feet east of main entrance to Post Office and approximately 1 foot east of flag pole.

Station site located in center area of settlement of Quemado; located along US Highway 60. (1)



REFERENCE SOURCE

(1) 03390

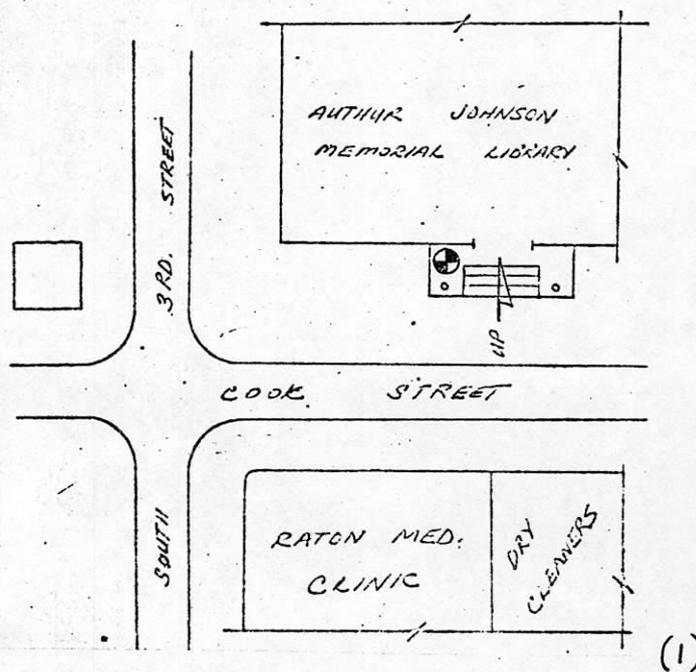
GRAVITY BASE STATION

LATITUDE		36° 54.16'N (1)		STATION DESIGNATION	
LONGITUDE		104° 26.44'W (1)		RATON	
ELEVATION		2034.5 METERS (1)		COUNTRY/STATE	
				USA/New Mexico	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 0101-3			g = 979 303.99 mgals		
IGB 11964B					
			ESTIMATED ACCURACY		DATE
			± 0.1 mgals		MONTH/YEAR
					10/70

DESCRIPTION AND/OR SKETCH

Raton, New Mexico; at Authur Johnson Memorial Library, on surface of west retaining wall of steps leading to main entrance of building, approximately 12 feet west of centerline of double doors and approximately 5 feet north of westernmost lamp post of two such posts.

Stationsite located in northeast quadrant of north-south street (South Third Street) and east-west street (Cook Street). (1)



REFERENCE SOURCE

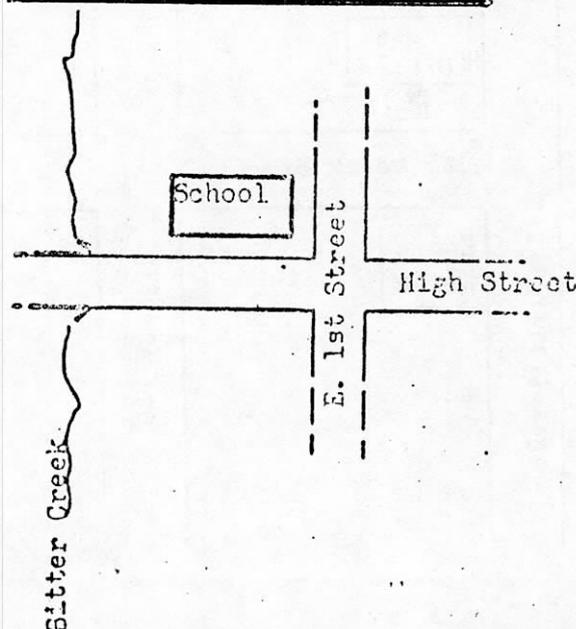
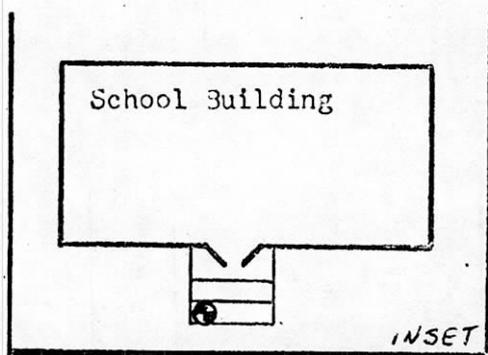
(1) 03390

GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">36° 42.37'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">RED RIVER</div>	
LONGITUDE <div style="text-align: center;">105° 24.01'W (1)</div>		
ELEVATION <div style="text-align: center;">2645.7 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/New Mexico</div>	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4013-1 IGB 11965D	$g = 979\ 098.60$ mgals	
		ESTIMATED ACCURACY ± 0.1 mgals
		DATE MONTH/YEAR 10/70

DESCRIPTION AND/OR SKETCH

The station is one block north of Highway 38, at the corner of High Street and East 1st Street, at the school, on the front entrance steps. The station is monumented with an "USAF Gravity Station" disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

1421

GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
LONGITUDE		RODEO	
ELEVATION METERS		COUNTRY/STATE USA/New Mexico	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1094-1		$g = 979\ 043.07$	mgals
		ESTIMATED ACCURACY	
		± 0.3 mgals	DATE
			MONTH/YEAR Sept/1967

DESCRIPTION AND/OR SKETCH

Station is located at bench mark, approximately 100 feet NE of
Rodeo, New Mexico R R station. (1)

REFERENCE SOURCE

(1) 02555

GRAVITY BASE STATION

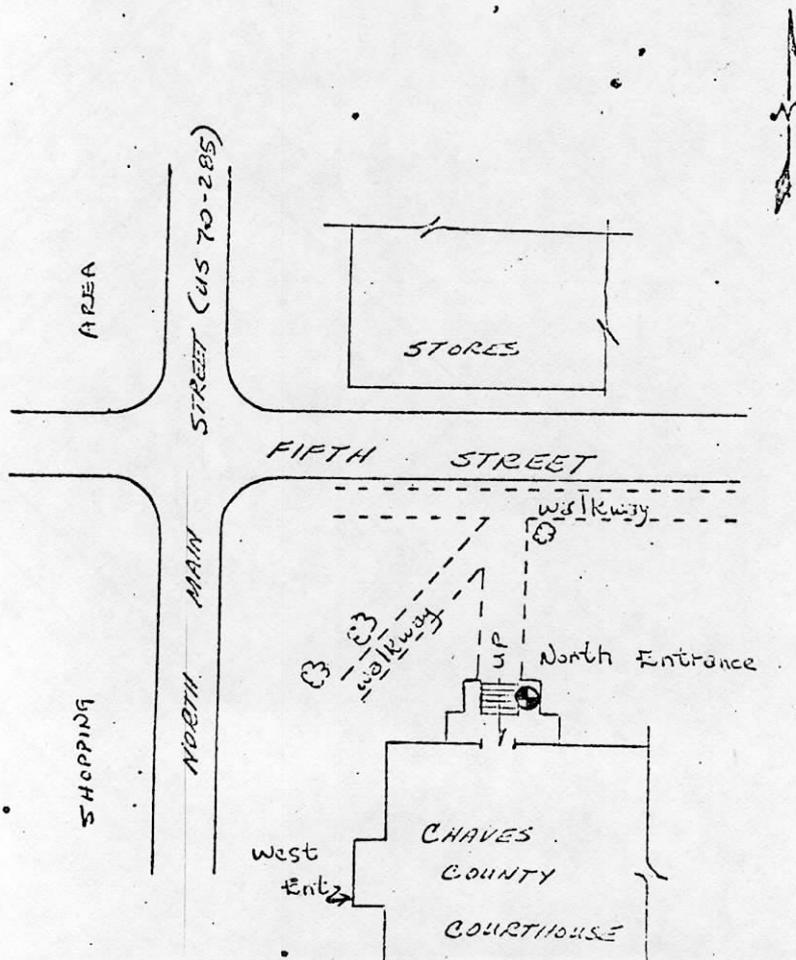
LATITUDE	33° 23.83'N	(1)	STATION DESIGNATION	
LONGITUDE	104° 31.28'W	(1)	ROSWELL	
ELEVATION	1089.1	METERS (1)		
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3885-2			g = 979 252.56 mgals	
IGB 11934B				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

Roswell, New Mexico at north entrance to Chaves County Courthouse, on top surface of east retaining wall of steps leading to entrance at BM site.

To reach from main intersection of US route 380 (East 2nd Street) and US 70-285 (North-South Main), travel north along North Main Street to 5th Street; turn east (right) to north entrance of courthouse and station site on right.

(1)



(1)

REFERENCE SOURCE

(1) 03390

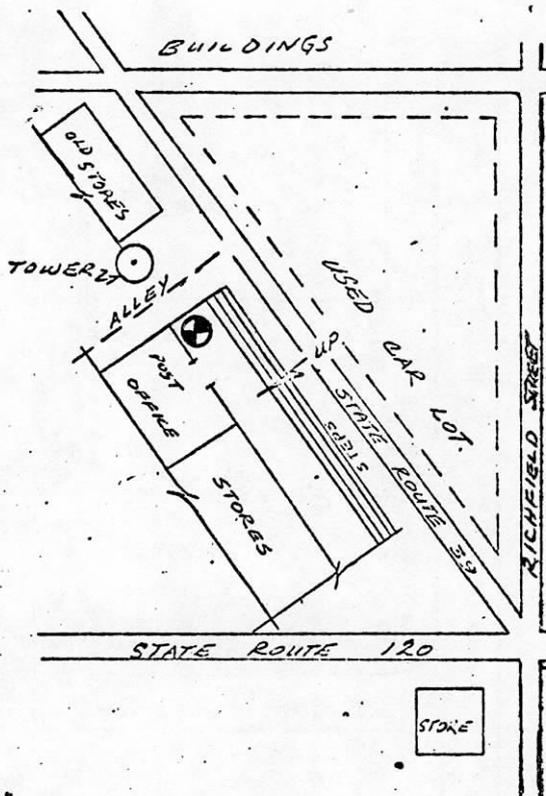
GRAVITY BASE STATION

LATITUDE	35° 56.5'N	(1)	STATION DESIGNATION	
LONGITUDE	104° 11.8'W	(1)	ROY	
ELEVATION	1798.3	METERS (1)		
REFERENCE CODE NUMBERS			COUNTRY/STATE	
ACIC 4033-1			USA/New Mexico	
IGB 11954B				
			ADOPTED GRAVITY VALUE	
			g = 979 309.20 mgals	
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
			11/70	

DESCRIPTION AND/OR SKETCH

Roy, New Mexico at post office on concrete surface of walkway at northeast corner of building (under awning) at Northwest edge of concrete, approximately 15 feet northwest of entrance to post office, and approximately 10 feet west-southwest of flag pole mounted at/to hand railing leading down steps.

(1)



(1)

REFERENCE SOURCE

(1) 03390

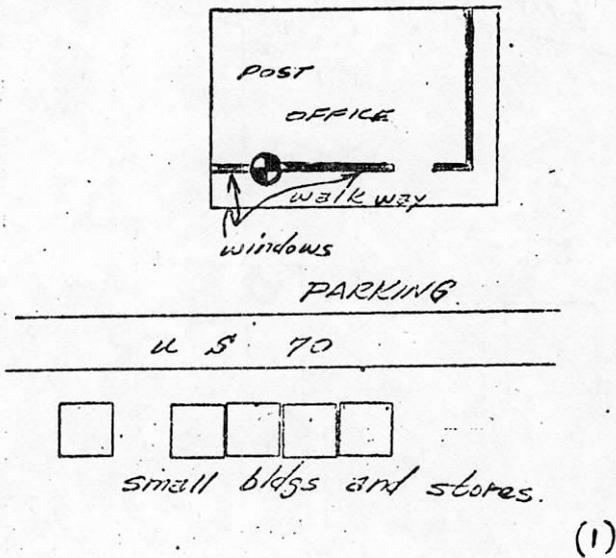
GRAVITY BASE STATION

LATITUDE <div style="text-align: right; padding-right: 20px;">33° 19.90'N (1)</div>	STATION DESIGNATION <div style="text-align: center; padding-top: 10px;">RUIDOSO</div>	
LONGITUDE <div style="text-align: right; padding-right: 20px;">105° 35.40'W (1)</div>		
ELEVATION <div style="text-align: right; padding-right: 20px;">1950.7 METERS (1)</div>	COUNTRY/STATE USA/New Mexico	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4661-1		$g =$ 979 064.53 mgals
IGB 11935B		
		ESTIMATED ACCURACY
		DATE
	+ 0.1 mgals	MONTH/YEAR
		12/71

DESCRIPTION AND/OR SKETCH

Ruidoso, New Mexico; at Ruidoso post office, at southwest corner on concrete surface of walkway at base of stone wall at window junction point, under left edge of post office identification sign; outside of building.

Station site located in small town of Ruidoso Downs, formerly known as Green Tree and/or Palo Verde. (1)



REFERENCE SOURCE

(1) 03390

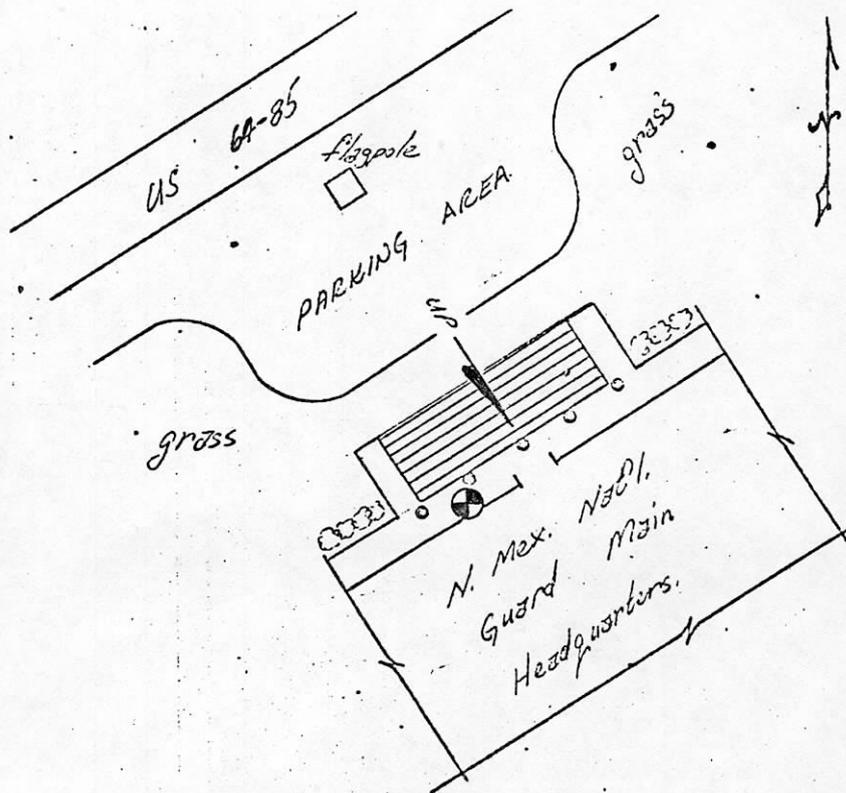
GRAVITY BASE STATION

LATITUDE		STATION DESIGNATION	
LONGITUDE		SANTA FE	
ELEVATION		COUNTRY/STATE	
METERS		USA/New Mexico	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 0037-2		$g =$ 979 178.55 mgals	
IGB 11956B			
		ESTIMATED ACCURACY	DATE
		\pm 0.1 mgals	MONTH/YEAR 11/70

DESCRIPTION AND/OR SKETCH

Santa Fe, New Mexico; at New Mexico National Guard State Headquarters main entrance, on concrete surface of porch at base of power outlet mounted in face of marble wall, approximately 18 feet southwest of doors, and approximately 10 feet east-northeast of 1 foot square concrete supporting column which is southwesternmost post of five such posts.

Station site is located approximately 2 miles southwest of city of Santa Fe along US Highways 64-85. (1)



REFERENCE SOURCE

(1) 03390

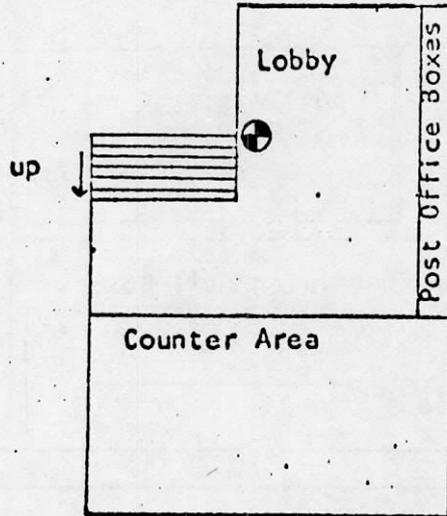
603

GRAVITY BASE STATION

LATITUDE	34° 56.75'N	(1)	STATION DESIGNATION	
LONGITUDE	104° 41.30'W	(1)	SANTA ROSA	
ELEVATION	1536.2	METERS (1)	COUNTRY/STATE	
			USA/New Mexico	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4012-1			g = 979 279.91 mgals	
IGB 11944B				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

The station is in Santa Rosa, inside the post office, in the lobby, six inches from the west wall, ten feet from the north wall, on the terrazzo floor. The station is monumented with a standard "USAF Gravity Station" disk. (1)



(1)

REFERENCE SOURCE

(1) 03405

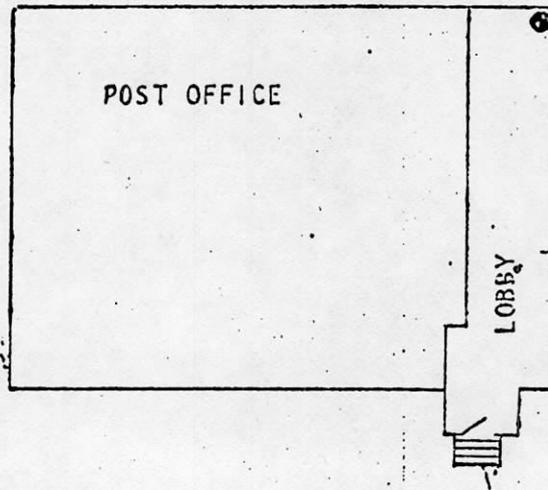
GRAVITY BASE STATION

LATITUDE	32° 46.20'N	(1)	STATION DESIGNATION	
LONGITUDE	108° 16.68'W	(1)	SILVER CITY	
ELEVATION	1797.7	METERS(1)		
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3968-1			g = 979 020.30 mgals	
IGB 11928B				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
				10/70

DESCRIPTION AND/OR SKETCH

The station is in Silver City, inside the post office, in the lobby containing the post office boxes, in the northeast corner, on the terrazzo floor. The station is monumented with a standard "USAF Gravity Station" disk.

(1)



(1)

REFERENCE SOURCE

(1) 03405

GRAVITY BASE STATION

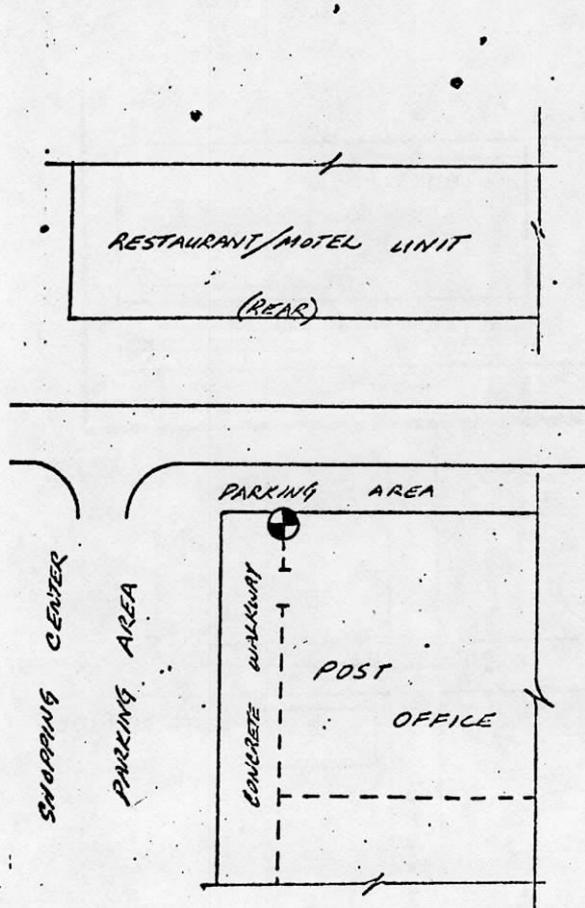
LATITUDE <div style="text-align: center;">34° 03.62'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">SOCORRO</div>	
LONGITUDE <div style="text-align: center;">106° 53.4'W (1)</div>		
ELEVATION <div style="text-align: center;">1402.1 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/New Mexico</div>	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4010-2		g = 979 188.33 mgals
IGB 11946C		
		ESTIMATED ACCURACY
		± 0.1 mgals
		DATE
		MONTH/YEAR
		12/71

DESCRIPTION AND/OR SKETCH

Socorro, New Mexico; at post office at northwest corner of building on northeast corner of walkway under overhead awning, approximately 2 feet southwest around corner from flagpole.

Station site located at north end of "La Villa Shopping Center".

(1)



REFERENCE SOURCE

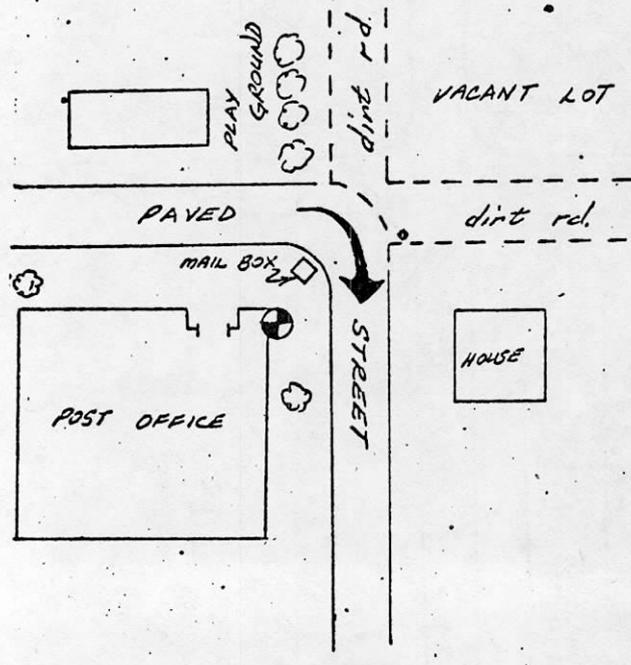
(1) 03390

GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">36° 21.7'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">SPRINGER</div>	
LONGITUDE <div style="text-align: center;">104° 35.6'W (1)</div>		
ELEVATION <div style="text-align: center;">1785.2 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/New Mexico</div>	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 4660-1 IGB 11964B	$g = 979\ 317.14$ mgals	
		ESTIMATED ACCURACY ± 0.1 mgals
		DATE MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Springer, New Mexico; at post office at northeast corner of building on concrete surface of walkway, approximately 2 feet south and around corner from flagpole and approximately 30 feet southwest of mailbox anchored at southwest corner of street intersection. (1)



(1)

REFERENCE SOURCE

(1) 03390

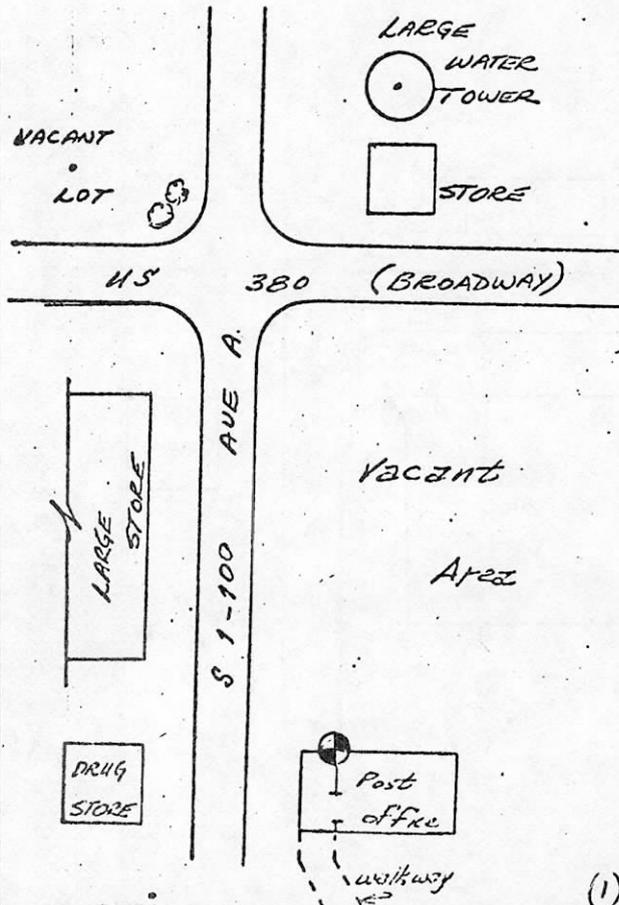
GRAVITY BASE STATION

LATITUDE	33° 15.20'N	(1)	STATION DESIGNATION	
LONGITUDE	103° 19.20'W	(1)	TATUM	
ELEVATION	1219.2	METERS (1)	COUNTRY/STATE	
			USA/New Mexico	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 4659-1			g = 979 256.77 mgals	
IGB 11933B				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
			12/71	

DESCRIPTION AND/OR SKETCH

Tatum, New Mexico; at Tatum post office, at northwest corner of small building; on northeast corner of concrete surface, at junction point with vertical wall.

To reach from junction of US Route 380 (east-west paved road) and Avenue A Sl-100 (north-south paved street), proceed southerly along Avenue A Sl-100 for approximately 400 feet and station site on east (left) side of street. (1)



REFERENCE SOURCE

(1) 03390

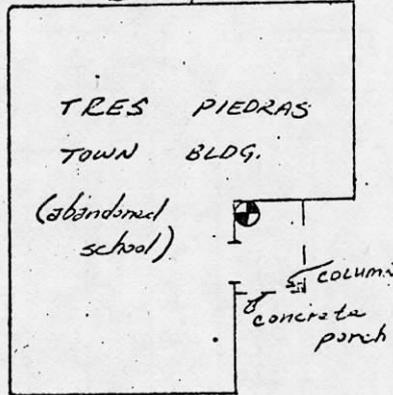
GRAVITY BASE STATION

LATITUDE		36° 38.76'N (1)		STATION DESIGNATION	
LONGITUDE		105° 57.88'W (1)		TRES PIEDRAS	
ELEVATION		2468.9 METERS (1)		COUNTRY/STATE	
				USA/New Mexico	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE		
ACIC 4658-1				g = 979 165.45 mgals	
IGB 11965B					
			ESTIMATED ACCURACY		DATE
			± 0.1 mgals		MONTH/YEAR
					12/71

DESCRIPTION AND/OR SKETCH

Tres Piedras, New Mexico; at town building (abandoned school house), on east side at main entrance, on northwest corner of concrete porch surface, approximately 15 feet north-northwest of 1 foot square supporting column, and approximately 10 feet north of doorway. (1)

STUCCO BLDG.



*--- dirt driveway ---
 ← US 285 approx. 0.2 mi.*

REFERENCE SOURCE

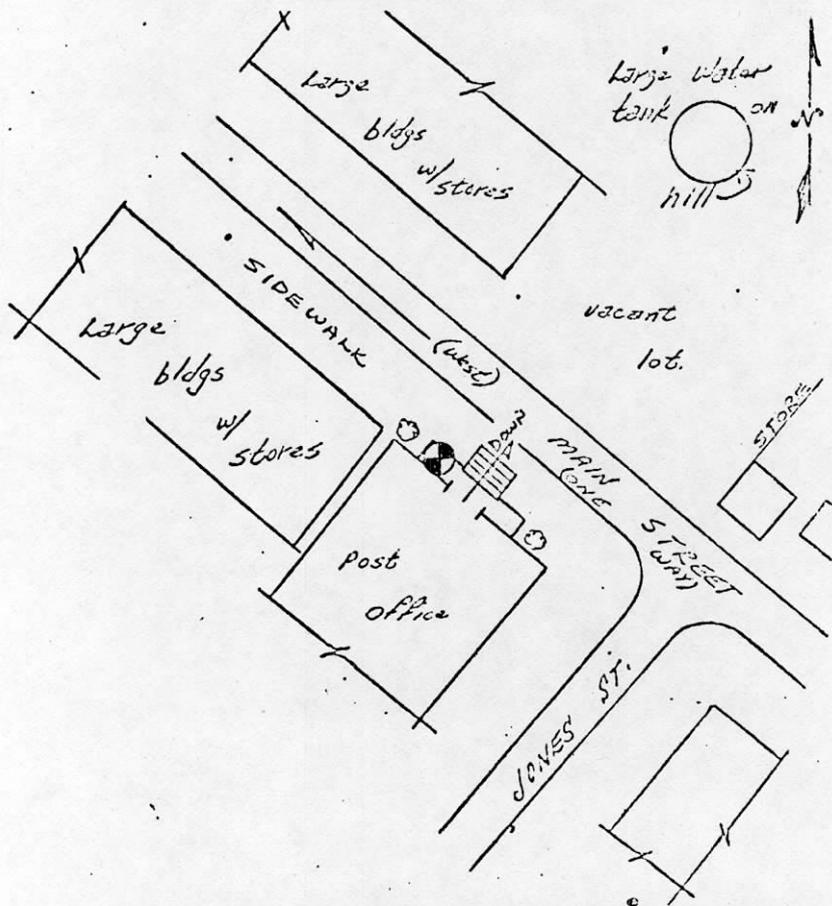
(1) 03390

GRAVITY BASE STATION

LATITUDE	33° 07.80'N	(1)	STATION DESIGNATION	
LONGITUDE	107° 15.16'W	(1)	TRUTH OR CONSEQUENCES	
ELEVATION	1296.9	METERS(1)		
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 3918-1			g = 979 168.06 mgals	
IGB 11937B				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR
				06/70

DESCRIPTION AND/OR SKETCH

At the Post Office, on concrete surface at entrance to building, approximately 3.0 feet Northwest (right) of main doors, outside of building. Station site located at street intersection of Main Street (northwest-southeast paved) and Jones Street, ('T' Street south-southwest). (1)



(1)

REFERENCE SOURCE

(1) 03390

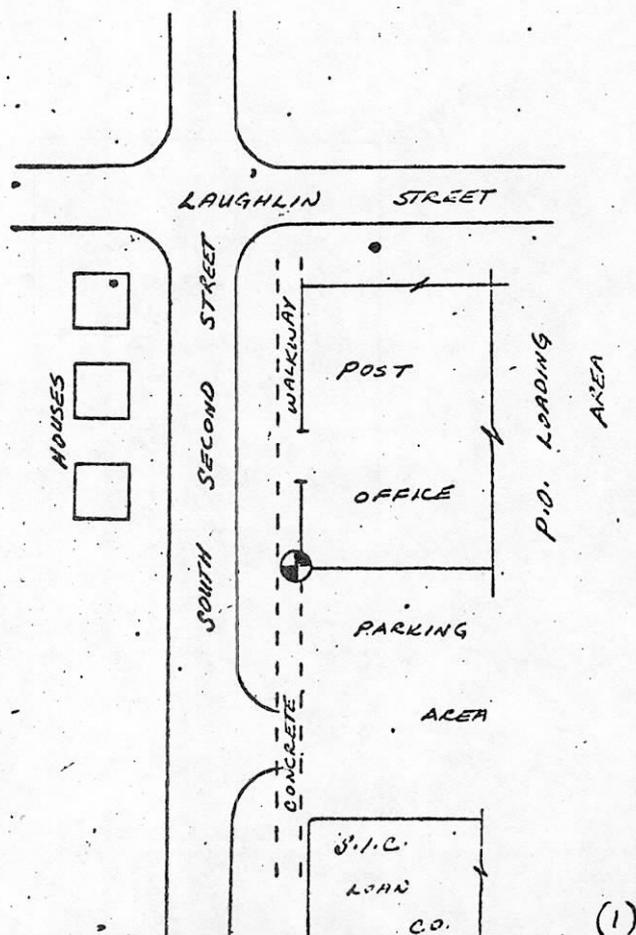
GRAVITY BASE STATION

LATITUDE <div style="text-align: center;">35° 10.45'N (1)</div>	STATION DESIGNATION <div style="text-align: center;">TUCUMCARI</div>	
LONGITUDE <div style="text-align: center;">103° 43.52'W (1)</div>		
ELEVATION <div style="text-align: center;">1245.7 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/New Mexico</div>	
REFERENCE CODE NUMBERS ACIC 4657-1 IGB 11953B		ADOPTED GRAVITY VALUE $g = 979\ 354.97$ mgals
		ESTIMATED ACCURACY ± 0.1 mgals
		DATE MONTH/YEAR 12/71

DESCRIPTION AND/OR SKETCH

Tucumcari, New Mexico; at post office on west side of building on concrete surface of walkway at southwest corner of wall, approximately 15 feet east of north-south curbline, and approximately 15 feet south of southernmost door of two doors at main entrance to post office.

Station site located in southeast quadrant of north-south street (south Second Street) and east-west street (Laughlin Street). (1)



REFERENCE SOURCE

(1) 03390