

Reconnaissance of the Route from Monterey to Saltillo and Mazapil.

With the diverging roads to Encarnacion

Permanent running water
Water in Tanks in Wells
Wagon Roads
Mule paths
Gullies 5 to 15 feet deep
Extended Valleys

Surveyed and drawn
From February 1847 to May 1847

by
Captain H.W. BENHAM Corps of Engineers

Scale 1 inch to 5 miles

The courses were taken by a prismatic compass and the distances estimated by the walk of horse covered in going and returning

Places of the Route

Names	Probable Population	Products	Direction
Santa Catarina	300 to 400	Grain	East
Santa Maria	300 to 400		West
San Diego	40 to 50		do
Capollanilla	300	Grain	do
Palomas	250	do	East
Ceritos	200	do	do
Atemo	100	do	West
San Juan de Badriaso	400	do	do
San Juan de la Laguna	150	Strat	do

Distance from Monterey	Place to Place	Names of Places	Probable Population	Products &c
14	14	MONTEREY	10,000 to 12,000	Well built of lime stone
24	14	Ranch & small hab		Half way house to Rinconada
28	14	Rinconada	150 to 200	Grain Wheat &c
31	3	Highly fortified		The only hill on route
34	3	Los Muertos	50 to 75	
38	4	Ojo Caliente	20 to 30	Warm Spring - 88°
43	5	Calhama		
51	8	Gonzalez	100 to 150	Grain
56	5	SALTILLO	14,000 to 16,000	Build of a dome
61	5	Buena Vista	150 to 200	Grain
68	7	Encantada	40 to 50	Stock Cattle horses
66	20	Tank La Nueva or La Bessa		
99	11	La Punta de Sta Helena	75 to 100	Stock & Well of bitter water
121	22	Cenurillo	30 to 40	1 small Spring
125	4	Bonanza	300 to 400	Silver mines
148	23	Los Cedros	400	do & Vineyards
158	10	Cerro Guado	40	Grain
163	5	MAZAPIL	2500	Mining town for silver & copper

The distance from Comargo to Monterey are as follows

Distance from Comargo	Place to Place	Places	Probable Population	General bearing
24	24	Mier	2,500	West of North
53	29	Punta Aguada	150	West
65	12	Cerulro	1200 to 1300	do
70	5	Rancho Viejo	200	do
85	15	Bosque Gallas	75	do
91	6	Romas	230	do
97	5	Marin	1300	North of West
107	10	Aqua Fria	200	S. W.
120	13	Monterey		S of West

Battle Grounds known or reported

- 0 Battle of Monterey Sept 21, 22, and 23, 1846.
- 1 Fight of Col. Jordan Com^d Texans with the Mexicans in 1842
- 2 Fight between Mexicans and Indians 1851
- 3 Battle of Buena Vista Febr 22 and 23, 1847
- 4 Fight between U. S. Texans and Comanche Indians July 1847
- 5 Mexicans under Hidalgo attack and defeat Spaniards under Cordero in 1810.
- 6 Mexicans under Rayon are attacked but defeat Spaniards under Melgara in 1811
- 7 Place at which the parties of Majors Gates and Borland were made prisoners in January 1847

Latitudes and Elevations above the Sea as furnished by Dr Josiah Gregg from his notes

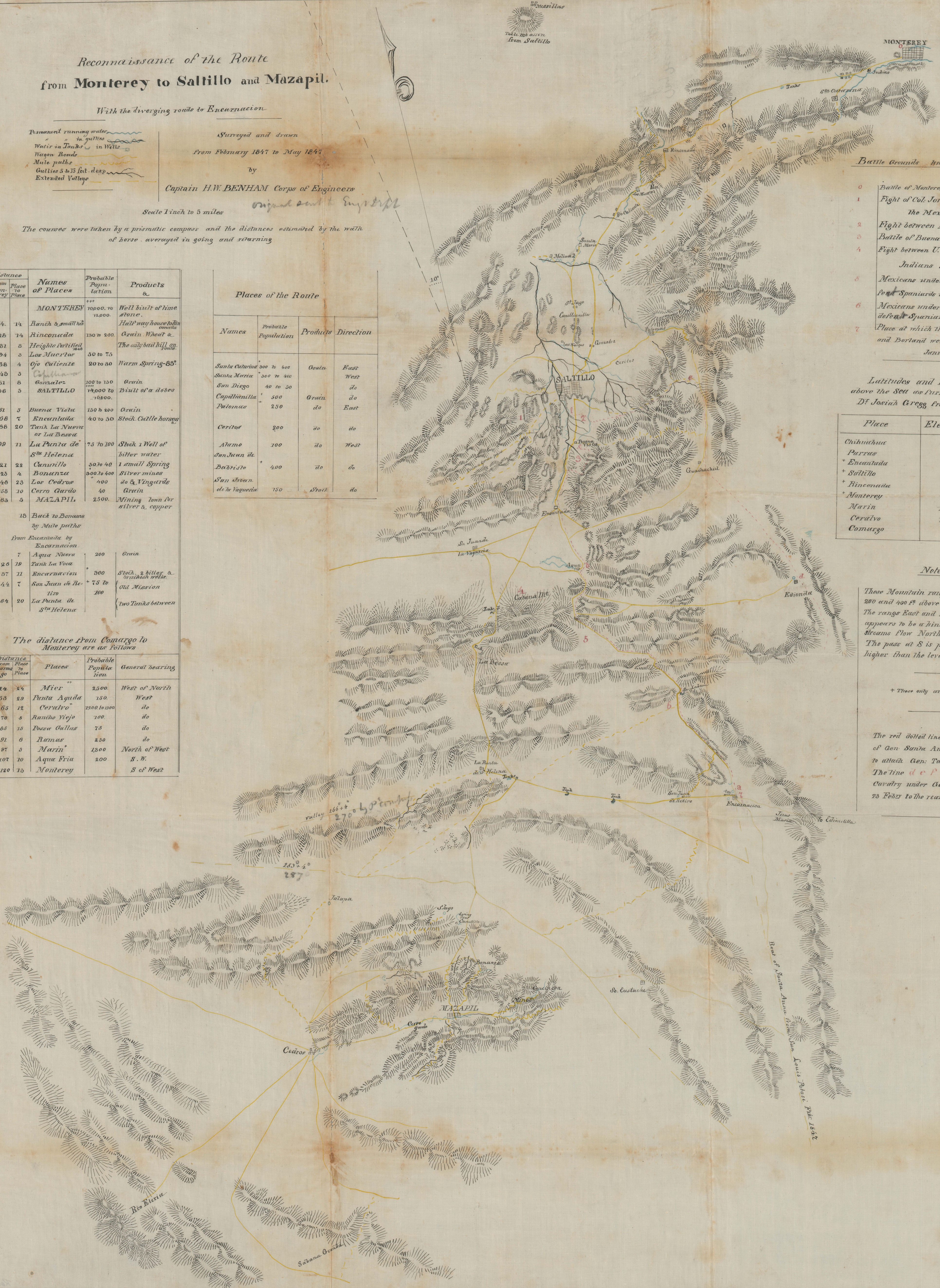
Place	Elevation	Latitude
Chihuahua	4640 feet	
Parras	4981	25° 20'
Encantada	6104	
Saltillo	5242	25° 23'
Rinconada	3361	25° 42'
Monterey	1620	25° 40'
Marin	1352	
Cerulro	1004	
Comargo	422	

Note

These Mountain range are generally between 200 and 400 ft above the road way. The range East and West through Cerula mt appears to be a kind of summit level the streams flow North and South. The pass at S is probably 600 or 800 feet higher than the level of Encantada

+ These only are on this map.

The red dotted line abc show the route of Gen Santa Anna on the 21 and 22 Feby to attack Gen Taylor. The line dep show the route of the Cavalry under Gen Minon on the 22 and 23 Febr to the rear of Gen Taylor's army.



Reconnaissance of the Route from Monterey to Saltillo and Mazapil

With the following route to Pecos

The contour were taken by a prominent compass and the distances measured by the same of feet except in going and returning
 Scale 1 inch to 5 miles
 Captain H. BERRYMAN Corps of Engineers
 From Monterey 1847 to Mazapil
 Drawn and Engraved
 Monterey 1847
 Extended to Mazapil

My reconnaissance
from Monterey to
Mazapil

1. Point of Monterey Sept 21 22 and 23 1847
 2. Fight of Col. Taylor's Texas with
 the Mexicans in 1842
 3. Fight between Mexicans and Indians 1811
 4. Battle of Brown's Fort 22 and 23 1847
 5. Fight between U. S. Texas and Comanche
 Indians July 1857
 6. Mexican under Hidalgo attack and de-
 feat Spanish under Cortes 1810
 7. Mexican under Hays and others and
 defeat Spanish under Cortes in 1811
 Place at which the battle of Hays's
 and others were made between 1811
 January 1847

Latitude and Longitude
 above the sea as furnished by
 Dr. Lewis Gregg from his notes
 January 1847

Place	Latitude	Longitude
Chihuahua	31° 50'	107° 40'
Pecos	31° 50'	107° 40'
Saltillo	32° 52'	106° 40'
Mazapil	33° 45'	105° 40'
Monterey	36° 52'	101° 40'
San Antonio	30° 00'	100° 00'
San Diego	32° 30'	117° 00'
San Juan	31° 30'	106° 30'
San Marcos	31° 30'	106° 30'
San Antonio	31° 30'	106° 30'

The route from Monterey to
 Mazapil is as follows
 Monterey 1847
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 Monterey 1847

Prices of the Route

Place	Price	Quantity	Total
Monterey	100	1	100
Saltillo	200	1	200
Mazapil	300	1	300
Pecos	400	1	400
San Antonio	500	1	500
San Diego	600	1	600
San Juan	700	1	700
San Marcos	800	1	800
San Antonio	900	1	900
San Antonio	1000	1	1000

The distance from Monterey to Mazapil is as follows

Place	Distance	Direction
Monterey	100	West
Saltillo	200	West
Mazapil	300	West
Pecos	400	West
San Antonio	500	West
San Diego	600	West
San Juan	700	West
San Marcos	800	West
San Antonio	900	West
San Antonio	1000	West

The distance from Monterey to Mazapil is as follows

Place	Distance	Direction
Monterey	100	West
Saltillo	200	West
Mazapil	300	West
Pecos	400	West
San Antonio	500	West
San Diego	600	West
San Juan	700	West
San Marcos	800	West
San Antonio	900	West
San Antonio	1000	West

