

Copy

See Map F-5

1960

1960

BOOK 1960

Field Notes of Survey  
of that part of the Eastern boundary  
of the State of Nevada which is common  
to the Western boundary of Arizona  
from the 37<sup>th</sup> parallel of N. L. to the Colorado River,  
surveyed by Isaac C. James, astronomer  
and surveyor, under his contract with Sur-  
veyor General of Nevada, bearing date August  
16<sup>th</sup> 1870.

1960

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491A

BOOK 1960

Utah

Arizona

State line

See 2628

Reynolds

Reynolds

Reynolds

Reynolds

338	337	336	335	334	333	332	331	330	329	328	327	326	325	324	323	322	321	320	319	318	317	316	315	314	313	312	311	310	309	308	307	306	305	304	303	302	301	300	299	
	13	12	12	11	11	11	10	10	10	10	9	9	8	8	8	8	8	7	7	7	7	6	6	6	5	5	4	4	4	3	3	3	3	2	2	2	2	1	1	1

Colorado River

Manuel de la Peña y Peña Presidente  
Interino de los Estados Unidos Mexicanos

A todos los que las presentes vieren. Sabed:

Que en la Ciudad de Guadalupe Hidalgo se concluyó y firmó el día dos de Febrero del presente año, un tratado de paz, amistad, límites y arreglo definitivo entre los Estados Unidos Mexicanos y los Estados Unidos de América por medio de Plenipotenciarios de ambos Gobiernos autorizados debidamente y respectivamente para este efecto, cuyo tratado y su artículo adicional son en la forma y tenor siguiente.

En el nombre de Dios Creador  
poderoso:

Los Estados Unidos Mexicanos  
y los Estados Unidos de América, ani-  
mados de un sincero deseo de poner  
termino á las calamidades de la  
guerra que desgraciadamente existe  
entre ambas repúblicas, y de esta-  
blecer sobre bases sólidas relaciones  
de paz y buena amistad, que pro-  
curen recíprocos ventajas á los  
ciudadanos de uno y otro país,  
y aseguren la concordia, armonía

In the name of Almighty  
God:

The United States of America  
and the United Mexican States,  
animated by a sincere desire to put  
an end to the calamities of the war  
which unhappily exists between the  
two republics, and to establish upon  
a solid basis relations of peace and  
friendship, which shall confer reci-  
procal benefits upon the citizens of  
both, and assure the concord, har-  
mony, and mutual confidence

South on 299<sup>th</sup> Mile

Var. 15° E.

38 00

Cavine S W

56 00

37<sup>th</sup> parallel North Latitude

Corner of Utah, Arizona and Nevada.

Set a red sand stone shaft 8 feet long  
by 12x12 inches, dressed triangular for

1 foot at the top and pointed. I in-

scribe on this monument on the

South East face "Arizona" on the North

East face "Utah" and in the W. face

"Nevada". 31 and 37 S W. The monument

I set 3 feet in the earth and surround

with a mound of stone 6 feet in diam-

eter at the base and 4<sup>1</sup>/<sub>2</sub> feet high.

There are no notable objects in the vi-

cinity. 20 chains West is a small mound

shaped hill of yellow limestone. 2 chs

West of the monument is a small ra-

vine running South East. chains is

flat topped lime stone hill about 50

feet high with a ledge of rock along

the top.

80 00

Set a cottonwood post with stone

marked x dig pits and raise mound

of earth as per instructions.

Peak A. N. 80° W

I point rugged range S 58° W same

as last mile.

Eastern Boundary of Nevada

South on 304<sup>th</sup> Mile

Var 15° E.

80 00

Set a cottonwood post with stone mar-

ked x dig pits and raise mound of earth

as per instructions on N. side of

Wash S W

Same as last mile.

South on 301<sup>st</sup> Mile

Mar. 14<sup>th</sup> 30<sup>th</sup> E

8.50 Carve S. W.

17.50 Carve S. W.

63.80 Carve S. W.

80.00 Set a cottonwood post with stone marked  
x dig pits and raise mound of earth  
as per instructions  
Same as last mile.

South on 302<sup>nd</sup> Mile

Mar. 15<sup>th</sup> E.

58.50 Wash S. W.

80.00 Set a cottonwood post with stone marked  
x dig pits and raise mound of  
earth as per instructions.  
Same as last mile.

South on 303<sup>rd</sup> Mile

Mar. 15<sup>th</sup> E.

38.50 Wash S. W.

59.00 Wash W. Road from St. George to  
St. Joseph East W.

60.00 Set a cottonwood post with stone marked  
x dig pits and raise mound of  
earth as per instruction.

Eastern Boundary of Nevada

80.00 Set a cottonwood post with stone marked  
x dig pits and raise mound of  
earth as per instructions.  
Same as last mile.

South on 304<sup>th</sup> Mile  
Var 15° E

- 25.00 Ravine S. S. W.
- 80.00 Set a cottonwood post with stone marked  
x dig pits and raise mound of earth  
as per instruction.  
Same as last mile.

South on 305<sup>th</sup> Mile  
Var 15° E

- 21.50 Large wash S. E.
- 66.50 Wash S. E.
- 80.00 Set a cottonwood post with stone marked  
x dig pits and raise mound of earth  
as per instructions.  
Land same as last mile.

South on 306<sup>th</sup> Mile  
Var 15° E

- 80.00 Set a cottonwood post with stone marked  
x dig pits and raise mound of earth  
as per instructions.  
South point rugged range 88° W  
Peak E  
Same as last mile.

Eastern Boundary of Nevada  
South on 307<sup>th</sup> Mile  
Var 15° E

- 28.50 Ravine S. E.
- 80.00 Set a cottonwood post with stone mar-  
ked x dig pits and raise mound of  
earth as per instructions.  
Same as last mile.

South on 308<sup>th</sup> Mile  
Var 15° E

- 14.00 Mouth of Beaver Dam creek E about  
6 miles.

31.00 Wash S E  
 78.00 Wash S E  
 80.00 Set a cottonwood post with stone marked  
 x dig pits and raise mound of earth  
 as per instruction.  
 Same as last mile.

South on 309<sup>th</sup> Mile  
 Wa 16° E

3.50 Wash East  
 38.00 Wash E  
 47.00 Wash E  
 57.50 Wash E  
 80.00 Set a cottonwood post with stone marked  
 x dig pits and raise mound of earth  
 as per instruction.  
 Oak A S 65° E  
 Oak B S 16° E  
 Same as last mile.

Eastern Boundary of Nevada  
 South on 310<sup>th</sup> Mile  
 Wa 15° E

80.00 Set a cottonwood post with stone marked  
 x dig pits and raise mound of  
 earth as per instruction.  
 Same as last mile.

South on 311<sup>th</sup> Mile  
 Wa 15° E

80.00 Set a cottonwood post with stone marked  
 x dig pits and raise mound of  
 earth as per instructions.  
 Myriad P distant range S 82° W.  
 Same as last mile.

South on 312<sup>th</sup> Mile  
Wa 16° E.

10

- 30.00 Wash S. W.  
36.00 Wash S. W.  
55.00 Wash S. W.  
61.00 Wash S. W.  
70.00 Wash S. W.  
80.00 Set a cottonwood post with stone marked x dig pits and raise mound of earth as per instructions. Same as last mile.

South on 313<sup>th</sup> Mile.  
Wa 15° E.

- 22.00 Prairie W.  
80.00 Set a cottonwood post with stone marked x dig pits and raise mound of earth as per instruction. Cragged peak N 86° W. Same as last mile.

Eastern Boundary of Nevada.  
South on 314<sup>th</sup> Mile  
Wa. 15° E.

- 25.00 Enter Virgin River bottom. E & W.  
44.00 Road E & W from St. Thomas to St. George - Old emigrant road from Salt Lake to Los Angeles. Set a cottonwood post with stone marked x dig pits and raise mound of earth as per instructions on W. side of road.  
64.75 Right Bank of Virgin River E & W. The river is so shallow that I can wade across it.  
77.00 Left bank of Virgin River E and W.



Set a willow post with stone  
marked X dig pits and raise mound of earth as  
per instructions.

80 00 Bottom subject to overflow No post.  
Good bottom land at the head of  
Musquiti Flat.  
Cottonwood and willows along the river  
Sage and grease wood and Musquiti  
bush on the bottoms.

From the 281<sup>st</sup> mile to the Virgin  
River the line descends through a roll-  
ing sandy and gravelly country along  
the West side of the valley of Beaver  
Darn wash. There is no timber and  
but little sage brush.  
There are scattering boyonet trees and  
several varieties of cactus along the  
whole line and good bunch grass in  
places. The rock where it shows itself is  
sandstone and limestone gypsum.

Eastern Boundary of Nevada  
South on 315<sup>th</sup> Mile

10 00 Va 15<sup>th</sup> E

80 00 Set a willow post with stone marked  
X dig pits and raise mound of earth  
as per instructions.  
Rolling gravelly N. slope  
sage and grease bush and scatter-  
ing musquiti.

South on 316<sup>th</sup> Mile  
Va 15<sup>th</sup> E

37 00 Wash N. N. W  
57 00 Enter Wash N. N. W and S  
74 00 Leave wash N. and S S E  
87 00 Set a willow post with stone marked  
X in a mound of earth as per instruc-  
tions. Mouth of Virgin Cañon N 41<sup>st</sup> E  
about 15 miles. Rolling gravelly N  
slope desert. Bush cactus and scat-  
tering boyonet trees.

South on 317<sup>th</sup> Mile  
Va 15° E

- 13.00 Ravine N. W.  
31.00 Ravine N. W.  
42.00 Ravine N. N. W.  
60.00 Same ravine N. N. E.  
78.00 Same ravine N. N. W.  
80.00 Set a willow post with stone marked x  
dig pits and raise mound of earth  
as per instructions.  
Same as last mile.

Eastern Boundary of Nevada  
South on 318<sup>th</sup> Mile  
Va 15° E

- 33.00 Ravine N. W.  
40.00 Same ravine N. N. E.  
56.00 Same ravine N. N. W.  
80.00 Set a willow post with stone marked x  
dig pits and raise mound of earth  
as per instructions.  
Same as last mile.

South on 319<sup>th</sup> Mile  
Va 15° E

- 80.00 Set a willow post with stone marked x  
dig pits and raise mound of earth  
as per instructions.  
Same as last mile.

South on 320<sup>th</sup> Mile  
Va 15° E

- 17.00 Wash N. W.  
80.00 Set a willow post with stone marked x  
dig pits and raise mound of earth as  
per instructions.  
Same as last mile.

South on 321<sup>st</sup> Mile.  
 Va. 15° E.

31. 00 Ravine N. E.  
 40. 00 Foot of hills S E and N. W.  
 47. 50 Ravine N. E.  
 77. 00 Ravine N. E.  
 80. 00 Steep hillside. No post  
 Same as last mile.

Eastern Boundary of Nevada  
 From the Virgin River, the line  
 ascends over a rolling gravelly  
 north slope, with dense brush, cactus  
 and bayonet trees, the slope composed  
 of debris from the mountains contains  
 boulders and pebbles of quartz, gneiss  
 and mica schist.

South on 322<sup>nd</sup> Mile.  
 Va. 15° E.

7. 00 Spur N. E. Set a willow post with  
 stone marked & dig pits and raise  
 mound of earth as per instructions  
 Peak A. N. 60° E.  
 Peak B. S. 70° E.  
 Rugged peak N. 65° W.

The fall of this mountain is too steep  
 and rocky to chain over. I therefore  
 place a flag on line on the summit  
 of the mountain and chain S 88°  
 40' E. 40 chains for a base to a point  
 from which the flag on summit bears  
 S. 7° 45' W. making the distance  
 295 chains.

From 324 miles 62 chains the point  
 triangulated to, I measure 14 chains  
 to the extreme summit of the 324 m  
 26 chs. Virgin mountains E and W  
 and set a piron post with stone

marked x dig pits and raise mound  
of earth as per instructions at 324  
miles 26 chs N

### Eastern Boundary of Nevada

80. 00 No post.

Steep and rocky mountains with  
cedar, piñon and manzanita  
bush. Formation - quartz and mica  
schist with veins of quartz.

### South on 326<sup>th</sup> Mile

Way 15° E.

19. 00 Rocky point S. E.

31. 00 Ravine S. E.

43. 00 Spur S. E.

50. 00 Ravine S. E.

68. 00 Spur S. E.

80. 00 Set a cedar post with stone marked x  
dig pits and raise mound of earth  
as per instructions.

Rolling S. E. slope of mountains  
cedar piñon - Rock quartz and  
limestone (dolomite)

### South on 327<sup>th</sup> Mile

Way 15° E.

18. 00 Ravine E. S. E.

53. 00 Ravine E.

72. 00 Ravine E.

80. 00 Set a cedar post with stone marked x  
dig pits and raise mound of earth  
as per instructions.

Rolling East slope of mountains  
near the foot cedar & piñon.

Formation dolomite

Summit of range about 1 mile west

# Eastern Boundary of Nevada.

South on 328<sup>th</sup> Mile  
 Wa 15° E

25.00 Ravine E.

46.00 Spur E.

58.50 Ravine E.

80.00 Set a cedar post with stone marked  
 X dig pits and raise mound of earth  
 as per instructions.

Same as last mile.

South on 329<sup>th</sup> Mile  
 Wa 15° E

57.00 Ravine E.

80.00 Set a cedar post with stone marked  
 X dig pits and raise mound of earth  
 as per instructions.

Same as last mile.

South on 330<sup>th</sup> Mile  
 Wa 15° E

50.00 Ravine E.

80.00 Set a pine post with stone marked  
 X dig pits and raise mound of earth  
 as per instructions.

Same as last mile.

South on 331<sup>st</sup> Mile  
 Wa 15° E

20.00 Ravine E.

32.00 Ravine N. E.

63.00 Spur E.

71.50 Ravine E.

80.00 Set a cedar post with stone marked  
 X dig pits and raise mound of earth  
 as per instructions.

Same as last mile.

Eastern Boundary of Nevada.

South on 332<sup>nd</sup> Mile  
Va. 15° E.

25. 00 Spur E.  
35. 00 Ravine E.  
42. 00 Spur E.  
49. 00 Ravine E.  
55. 00 Summit of high spur E.  
Set a pinon post with stone marked  
x in a mound of stone as per instruc-  
tions.  
63. 00 Ravine E.  
70. 00 Spur E. N. E.  
80. 00 No post  
Same as last mile.

South on 333<sup>rd</sup> Mile  
Va 14° E.

17. 00 Spur E.  
30. 00 Ravine S. E.  
35. 00 Ravine E.  
38. 50 Ravine E.  
41. 00 Ravine E.  
67. 00 Ravine E.  
80. 00 Set a pinon post with stone marked  
x in a mound of stone as per instruc-  
tions.  
Same as last mile.

South on 334<sup>th</sup> Mile  
Va 14° E.

28. 00 Ravine E.  
45. 00 Ravine S. E.  
55. 00 Ravine E. spring about 20 chs W  
71. 50 Ravine E.  
76. 00 Ravine E. spring and indian farm  
about 40 chs W.  
80. 00 Set a cedar post with stone marked  
x dig pits and raise mound of earth  
as per instructions. Rolling gravelly  
& there scattering boyonet trees

## Eastern Boundary of Nevada

South on 335<sup>th</sup> Mile.  
 Wa. 14° E.

3. 00 Ravine E.  
 9. 00 Ravine E.  
 14. 00 Ravine E.  
 25. 00 Ravine E.  
 45. 00 Ravine E.  
 68. 00 Ravine E.  
 79. 50 Ravine E.  
 80. 00 Set a cedar post with stone marked x  
 dig pits and raise mound of earth as  
 per instructions  
 Distant to a mountain N. 50° E.  
 On end high bluff East.  
 Sand bluff S. 58° E.  
 Same as last mile.

South on 336<sup>th</sup> Mile  
 Wa. 13° E.

23. 00 Ravine E. S. E.  
 46. 00 Ravine E. N. E.  
 59. 00 Ravine E.  
 80. 00 Steep ravine E. No post  
 Steep rough and rocky East slope of  
 low rough point of mountains. Limestone.

South on 337<sup>th</sup> Mile  
 Wa. 14° E.

18. 00 Ravine E.  
 36. 00 Ravine E.  
 47. 00 Ravine E.  
 72. 00 Ravine E.  
 80. 00 Steep side hill. No mound.  
 Same as last mile.

## Eastern Boundary of Nevada

South on 338<sup>th</sup> Mile  
Pa 13<sup>rd</sup> E.

- 3.00 Ravine E.  
 N 10.00 Spur E set cedar post with stone marked in a mound of stone as per instructions.  
 23.00 Ravine E.  
 40.00 Ravine E. S. E.  
 60.00 Top of hill on ridge S. S. E. and N. N. W.  
 80.00 Steep bluff. No post.  
 Same as last mile.

South on 339<sup>th</sup> Mile  
Pa 14<sup>th</sup> 30' E.

- 10.00 Ravine S. W.  
 32.00 Foot of mountains E and W set a cedar post with stone marked, dig pits and raise mound of stone as per instructions.  
 50.00 Low cone 15' chs W.  
 80.00 No post.  
 End of low point of mountains and rolling plain. Scattering cedar, Boybret trees.

South on 340<sup>th</sup> Mile  
Pa 14<sup>th</sup> 30' E.

- 3.00 Small hill set a limestone rock marked similar to a post in a mound of stone.  
 80.00 Set a rock marked similar to a post in a mound of stone. Peak S. S. 85<sup>th</sup> W. Land rolling gravelly. Sloping easterly no timber. Scattering boybret trees and cactus. There being no timber along the line and the ravines and washes being too steep to place posts. I mark the line with stone mounds containing a rock inscribed similar to a post wherever practicable.



## Eastern Boundary of Nevada

South on 341<sup>st</sup> Mile

W. 14° 30' E.

29. 00 Large wash S. W.

61. 00 Large wash S. S. E.

80. 00 Set a sand stone marked similar to a post in a mound of stone.

Peak S. 50° W.

Bluff N. 70° E.

Same as last mile.

South on 342<sup>nd</sup> Mile

W. 14° E.

65. 00 Wash S. S. W. same as at 61 last mile

78. 00 Set a stone marked similar to a post in a mound of stone.

80. 00 No post.

Bluff N. 48° E.

Same as last mile.

South on 343<sup>rd</sup> Mile

W. 15° E.

75. 00 Wash S. S. E. same as at 65 last mile

80. 00 Set a stone marked similar to a post in a mound of stone.

Land same as last mile.

South on 344<sup>th</sup> Mile

W. 15° E.

29. 00 Wash, E.

40. 00 Wash, E. N. E.

63. 00 Wash E. N. E.

80. 80 Set a musquite post with stone marked x in a mound of stone as per instructions.

Same as last mile.

## Eastern Boundary of Nevada.

South on 345<sup>th</sup> Mile  
 Wa. 14° E.

- 20.00 Ravine E.  
 23.00 Foot of steep basalt hill E and W  
 27.00 Summit of steep ascent E and W  
 30.00 Set a basalt rock marked similar to  
 a post in a mound of stone.  
 First post of line same as last mile  
 last post steep and rocky.

South on 346<sup>th</sup> Mile  
 Wa. 14° 30' E.

- 80.00 Top of bluff E and W. Set a basalt  
 rock marked similar to a post in a  
 mound of stone.  
 Crak A N. 55° W  
 Crak B S. 75° W  
 N end bluff N. 55° E.  
 S end bluff East  
 Distant timbered mountain N. 35° E  
 High bluff S. 52° E. High rocky point  
 S. 33° W. Rocky basaltic table land scat-  
 tering boyonnet trees.

South on 347<sup>th</sup> Mile  
 Wa. 14° E.

- 69.00 Foot hill N. W. and S. E.  
 70.00 Wash S. E.  
 77.00 Ravine E.  
 79.00 Ravine E. S. E.  
 80.00 No post.  
 Rolling East slope gravelly and rocky  
 Scattering boyonnet trees.

South on 348<sup>th</sup> Mile  
 Wa. 14° E.

- 3.00 Foot of steep basalt hill E and W  
 Set a basaltic rock marked similar to  
 a post in a mound of stone.

## Eastern Boundary of Nevada

12.00 Summit of N. W point of rocky hill  
S. E. and N. W.

26.00 Ravine S. E. at foot of hill

33.00 Ravine E.

48.00 Ravine E.

59.00 Ravine E.

69.00 Ravine E. S. E.

80.00 Set a basalt rock marked similar to a  
post in a mound of stone.  
Broken and rocky scattering beyond trees.

South on 349<sup>th</sup> Mile

Wa 14° E

10.00 Summit of line on W slope basalt  
hill S. E. and N. W.

65.00 Wash S. E.

80.00 Set a basalt rock marked similar  
to a post in a mound of stone.  
Rolling rocky and gravelly.  
Scattering beyond trees.

South on 350<sup>th</sup> Mile

Wa 14° E

35.00 Ravine S. E.

53.00 Ravine E. S. E.

73.00 Ravine E.

80.00 No mound.

Same as last mile.

South on 351<sup>th</sup> Mile

Wa 14° E

1.00 Set a stone marked similar to a post  
in a mound of stone on ridge. E. and W.

8.00 Ravine E. S. E.

12.00 Ravine E.

20.00 Ravine E. N. E.

44.00 Ravine E.

## Eastern Boundary of Nevada

- 68.00 Ravine  $\text{E}^{\circ}$   
 80.00 Set a stone marked similar to a post  
 in a mound of stone on summit of  
 point  $\text{E}^{\circ}$ .  
 Same as last mile.

South on 352<sup>nd</sup>

$\text{N} 14^{\circ} \text{E}^{\circ}$

- 7.00 Wash from deep gorge  $\text{E}^{\circ}$   
 42.00 Ravine  $\text{E}^{\circ}$   
 70.00 High rocky point bears  $\text{N} 42^{\circ} \text{W}$   
 78.00 Ravine  $\text{E}^{\circ}$   
 80.00 Set a stone marked similar to a post  
 in a mound of stone.  
 Same as last mile.

South on 353<sup>rd</sup> Mile

$\text{N} 13^{\circ} \text{E}^{\circ}$

- 11.00 Ravine  $\text{E}^{\circ}$   
 43.00 Ravine  $\text{E}^{\circ}$   
 50.00 Ravine and indian trail  $\text{E}^{\circ}$   
 60.00 Colorado cañon  $\text{S} 42^{\circ} \text{E}^{\circ}$   
 80.00 Set a stone marked x in a mound of stone.  
 Same as last mile.

South on 354<sup>th</sup> Mile

$\text{N} 13^{\circ} \text{E}^{\circ}$

- 19.50 Ravine  $\text{E}^{\circ} \text{ S}^{\circ}$   
 45.00 Ravine  $\text{E}^{\circ} \text{ S}^{\circ}$   
 64.00 Ravine  $\text{E}^{\circ} \text{ S}^{\circ}$   
 80.00 No mound  
 Same as last mile.

South on 355<sup>th</sup> Mile

$\text{N} 14^{\circ} \text{E}^{\circ}$

- 7.00 Set a stone marked x in a mound of  
 stone.  
 High bluff  $\text{S} 80^{\circ} \text{E}^{\circ}$

Eastern Boundary of Nevada

62.00 Colorado Cañon, S  $45^{\circ}$  E  
Large wash S S W

355 80.00 Set a stone, marked x in a mound of stone

Same as last mile.

South on 356<sup>th</sup> Mile  
W  $14^{\circ}$  E

66.00 Summit of steep rocky hill S S W  
& N. N. E. Set a stone marked x in a mound of stone

Castled peak East  $\frac{1}{2}$  mile

358 80.00 Very steep side hill. No mound.  
Steep rocky limestone mountains.  
Breaking down sharp to river.

South on 367<sup>th</sup> Mile  
W  $14^{\circ}$  E

19.35 Set Colorado River monument

20.00 High water mark on right bank of Colorado river, E and W

From this point I triangulate to the point of a rock on line just at high water mark on the left bank, as follows: I measure East 360 chs. for a base to a point, from which the point on the left bank bears S  $26^{\circ} 49'$  W making the distance across 7.12 chains

23.56 Middle of Colorado river, W

The river at this point runs through a cañon with steep almost perpendicular sides.

The North side is cut up with numerous small gulches about 10 feet deep with perpendicular banks and the hill side is bare rock

## Eastern Boundary of Nevada.

It is impossible to get a rock of the size required by the specifications to the line and the limestone rock of which the hill is composed is so cracked and broken that a shaft of the requisite size cannot be quarried. Therefore to mark the point as conspicuously and permanently as possible I construct a large mound of stone 8 feet in diameter and 5 feet high built as firmly as practicable on the top of which I set a shaft of limestone 3 ft long and 10 inches square so that one foot shall show above the mound. Upon this shaft I inscribe as per specifications "Arizona" on the East side "Nevada" on the west side "S. W. 37" on the N. side. "1870" on the S. side. Under the shaft on a large rock in the mound I cut a cross (Thus X)

This monument is on a steep hill-side of bare rock cut up by deep rocky gulches. It is 65 lbs North and about 30 feet above high water mark and 4 chains and 21 lbs north of the middle of the channel of the Colorado river.

The monument being in a cañon there are no notable objects in view. A peak on the South side of the river bears S. 25° W. about 25 chs. distant. A low black hill on the south side bears S. 59° E. about 1 mile dist.

From this point the river runs S. 80° W. for about 30 chs. thus runs S 10° W. The mouth of the Grand wash is East  $2\frac{1}{4}$  miles

## Eastern Boundary of Nevada.

The sides of the cañon are so steep for some distance above and below the line that it is impossible even for a foot man to get up or down the river.

The Latitude of the monument is  $36^{\circ} 9' 57'' N$ .

## Eastern Boundary of Nevada

A list of the names of the individuals employed to assist in running measuring and marking the Eastern Boundary of Nevada, showing the capacity in which they acted.

John Neary	Chairman	}
James Leubancee	Chairman	
F. A. Hammond	Chairman	
H. York	Chairman	
William Galton	Arman	}
Geo. B. Mize	Arman	
Peter Peterson	Arman	}
Wm. S. Kirby	Flagman	
E. W. Carlton	Flagman	}

I Isaac Evans James astronomer and surveyor do solemnly swear, that in pursuance of a contract with C. S. Davis Surveyor General for the state of Nevada bearing date August 16<sup>th</sup> A. D. 1870 and in strict conformity to the instructions furnished by the said Surveyor General I have faithfully surveyed and marked the 37<sup>th</sup> degree of Longitude West from Washington, from the 42<sup>nd</sup> Parallel of North Latitude to the middle of the Colorado River of the West, the same being the Eastern Boundary of Nevada and do further solemnly swear that the foregoing are the true and original field notes of such survey.

Isaac Evans James

Astronomer & Surveyor

Subscribed and sworn to before me this  
31<sup>st</sup> day of Jan. A. D. 1871.

W. C. Lillie, Notary Public  
For Storey County Nevada



# Eastern Boundary of Nevada

We hereby certify that we assisted  
 J. E. Cairnes Astronomer and Surveyor  
 in running the Eastern Boundary of  
 the state of Nevada and that the said  
 line has been in all respects to the best  
 of our knowledge and belief well and faith-  
 fully surveyed and the Astronomical  
 monuments and mile post planted  
 according to the instructions furnished  
 by the Surveyor General.

John Meary

James Buchanan

H. A. Hammond

H. Cook

William S. Kirby

G. W. Carlton

William Callon

Aug. B. Mays

Peter Peterson

Subscribed and sworn before me this  
 7<sup>th</sup> day of Jan. A. D. 1871.

J. E. Cairnes

Astronomer & Surveyor

The foregoing field notes of the survey of the 37<sup>th</sup> Degree of Longitude West of Washington, being the Eastern Boundary line of the state of Nevada executed by Wm. C. James under his contract of the 16<sup>th</sup> day of August A. D. 1870 in the months of October November & December A. D. 1870 having been critically examined, the necessary corrections and explanations made, the same field notes and the surveys they describe are hereby approved.

U. S. Surveyor General's Office  
Virginia City Nevada.  
February 6<sup>th</sup> 1871. E. S. Davis

Surveyor Gen'l Nevada

I certify that the foregoing transcript of the 37<sup>th</sup> Degree of Longitude West of Washington, being the Eastern Boundary line of the State of Nevada has been correctly copied from the original field notes on file in this Office U. S. Surveyor Gen'l's Office.

Virginia City, Nevada.  
February 6<sup>th</sup> 1871.

E. S. Davis  
Surveyor Gen'l Nevada

*[Handwritten flourish]*

