

Field Notes

of the

Survey of the
 Exterior Boundaries
 of the

Location, No. 5, of

Luis Ma. Baca's heirs

Territory of Arizona.

by
 C. Burton Foster
 U.S. Deputy Surveyor.

Under his Contract, No 35,
 dated December 6th 1876.

Survey commenced Feb 6th 1877
 " completed Feb 14th 1877

Preliminary Oaths of Assistants.

We, Richard Shrope
and Almerin S. Skinkle

do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability.

Richard Shrope
Almerin S. Skinkle

McDarty
Sworn to and subscribed before me, this 5th
day of March, 1877

W C Foster
Notary Public

I, *William H. Foster*

do solemnly swear that *I* will well and truly perform the duties of *Aleman*

according to instructions given *Me* and to the best of *My* skill and ability.

William H. Foster

Sworn to and subscribed before me this *5th* day of *March* 187*7*

W.C. Foster

W.C. Foster
Notary Public



Survey of Baca Location, No. 5.

Chain

Begin at Monument erected by John Moss in 1864 at head of Francis Creek, as designated by W^m V. B. Wardwell, Agent for the parties in interest, and Com^o missioned by them to designate and point out said Monument.

The initial point a Monument of rocks, 4 feet high, on E. side of which I set a Volcanic rock 30 x 20 x 16 ins, $\frac{3}{4}$ in the ground, marked I. P. B. L. N^o V. from which a Juniper, properly blazed and marked, 30 ins dia, bears S. 34^o E. 390 links dist: Thence,

North on W. Boundary of claim
1st Mile.

N^o 14^o 47' East.

as per Burts Improved Solar Compass.

4.00 Enter level bottom, bears N. W. $\frac{3}{4}$ E.

Survey of Baca Location No. 5.

Chains

59.10 Francis Creek, 60 lks wide, flows W.
N. W.

80.00 Set a post, marked B. I. V. I. M. 4
feet long, flattened 3 ins wide, 1 ft
in the ground, deposit stone marked
+, and build mound of earth 2 ft
high, around post. No trees near.
Land, S. rolling. N. level.
Soil, 1st and 2^d rate.
Timber, Scattering Junipers
and scrub oak.

North on W. Boundary

2^d Mile.

W^o 14^o 42' East.

.12.00 Leave level bottom and land
becomes gently rolling.

22.80 Arroyo 20 lks wide flows S. W.

80.00 Set a post, marked B. I. V. 2. M.
4 ft long, flattened 3 ins wide.

Survey of Paces Location No 5.

chains

1 ft in the ground, deposit stone
marked +, and build mound of
earth 2 ft. high. around Post.
No trees near.

Land very gently rolling.

Soil 1st and 2d rate.

Timber, an occasional Juniper.

North on W. Boundary,

30 mile.

W. 15° East.

0.00

Set a limestone 14 x 10 x 8 ins.

$\frac{2}{3}$ in the ground, marked B.T.

V. 3. M. No trees near.

Land mostly level.

Soil 1st and 2d rate.

Timber, scattering Junipers.

North on W. Boundary,

4th Mile.

Survey of Baca Location, No. 5.

Chains.

N^o 140° 50' East.10.20 Descend into cañon, about 30 ft.
dep. bears E. and W.11.60 Bottom of Cañon and creek 20.
lks. wide. flows W.13.10 Summit of opposite bank and
enter Mesa.62.00 Descend into Cañon about 75 ft
dep. bears N. N. E. and S. W.68.00 Bottom of Cañon and line runs
along same.80.00 Set a Volcanic stone 15x10x6 ins
2/3 in the ground. marked. B. L. V. 4.
N. No trees near.

Land rolling.

Soil mostly 2^o rate.

Grasses abundant

Timber, a few scattering Junipers.

North on W. Boundary.

Survey of Paca Location, No. 5.

chains.

5th Mile.
on 15° East.6.00 Begin ascent to Mesa.
11.00 Enter gently rolling Mesa, bears
E. and W.80.00 Set a volcanic stone, 14 x 12 x 8 ins
 $\frac{2}{3}$ in the ground, marked B. I. V. 5.
M. No trees near.Land gently rolling
Soil 2^d rate. Grass abundant.
No timber or undergrowth.North on W. Boundary,
6th Mile.
on 15° East.0.30 Arroyo 12 lks wide, flows W.
69.00 Arroyo 15 lks wide flows W.
80.00 Set a limestone 15 x 10 x 8 ins.
 $\frac{2}{3}$ in the ground, marked B. I. V.
C. M. No trees near.

Survey of Baca Location No. 5.

chains

Land gently rolling mesa
 Soil mostly sorate
 Grass abundant
 Timber, a few scattering Junipers.
 March 5th 1877.

North on W. Boundary,
 7th Mile
 Pa. 15° East.

18.22 To N.W. corner of claim. Set a
 Limestone 16 x 14 x 10 ins. $\frac{2}{3}$ in the
 ground, marked B. L. V. N. W. C.
 Sand build mound of stone 3 ft high.
 No trees near.
 Land gently rolling and sloping
 N.W.
 Soil sorate.
 Timber scattering Junipers.

From the N. W. Corner of
 Claim. I. run

Survey of Baca Location No 5.

Chains.

East on N. Boundary.

7th Mile

Sta 14042' East.

61.78 Completion of 7th mile, Set
a Limestone 14 x 12 x 10 ins. $\frac{2}{3}$ in
the ground, marked B.I. V. 7.

N. No trees near

Land gently rolling, sloping NW.

Soil 1st and 2d rate.

Grasses abundant.

Timber, an occasional Juniper.

East on N Boundary

8th Mile

Sta 14042' East.

13.00 Cattle trail bears N. and S.

17.00 " " " " " "

17.20 Arroyo 16 lks wide flows N.

24.30 Trail bears N.E. and S.W.

50.50 " " " " " "

Survey of Saca Location N^o 5

Chains.

64.70

Trail bears N. and S.W.

80.00

Set a post marked B, L, N. & M.
4 feet long, flattened 3 ins. wide
1 ft in the ground, deposit stone
marked +, and build mound of
earth 2 ft high around post.
No trees near.

Land, gently sloping N.
Soil 1st and 2d rate.

Grass abundant

No timber or undergrowth.

East on N Boundary
9th Mile
to 14042' East.

46.00

Trail bears N.W. and S.E.
"Anvil Rock" bears N.W. from
this point, about 1/2 mile distant.

56.00

Ascend bluff of granite rocks,
15 ft high, bears N.W. and S.E.

Survey of Bacia Location. No. 5.

Chains.

66.00 Leave bluff of granite rocks and enter level bottom land.

79.00 Leave bottom and ascend bluff of granite rocks 20 ft high bears N. and S.

80.00 Set a granite rock 24 x 14 x 12 ins. 13 ft in the ground, marked B. I. V. 9. M. No trees near. Land W. gently rolling; in vicinity of 9th mile post. rough and broken.

Soil granite and worthless.

No timber or undergrowth

East on N. Boundary

10th Mile

— or $14^{\circ}42'$ East.

12.00 Leave bluff of granite rocks and enter level bottom land bears N. and S.

Survey of Baca Location No. 5.

Chains.

- 23.00 Ascend bluff of granite rocks, 20 ft high, bears N. and S.
- 34.00 Leave bluff of rocks and enter level bottom lands, under cultivation; bears N. and S.
- 43.00 Leave bottom, and ascend bluff of granite rocks, 20 ft high, bears N. and S.
- 56.00 Descend into Cañon of Muddy Creek, 20 ft deep, bears N.W. and S.E. Creek 50 lks. wide, flows N.W. sluggish current and muddy bed.
- 59.00 Ascend opposite bank of Cañon, and enter gently rolling land.
- 80.00 Set a post marked B. L. V. 10 N. 4 ft long, flattened 3 in's wide, 1 ft in the ground, deposit stone marked +, and build

Survey of Taca Location No. 5.

Chains

mound of earth 2 ft high
around post. No trees near.
Land rough broken and worthless,
except narrow strips of bottom
land with 1st rate soil.
Timber. Scattering scrub cedars.

East on N. Boundary
11th Mile

or 14° 42' East.

69.00 Hardyville and Prescott Road
bears W.N.W. and E.S.E.

80.00 Set a post marked B. L. V. 11. M.
4 ft long, flattened 3 in. wide, 1 ft
in the ground, deposit stone marked
+, and build mound of earth 2 ft
high around post. from which
a cedar 8 in. dia. bears N. 79° W. 118 lks dist
No other trees near.
Land gently rolling.

Survey of Paca Location No. 5.

Rains.

Soil 1st and 2^{or}ate
 Timber Scrub cedars.

East on N. Boundary
 12th Mile
 Va 15° East

60.00 Trail bears N and S.

80.00 Set a volcanic stone, 18x16x14
 ins. $\frac{3}{4}$ in the ground, marked B.
 T.V. 12. N. No trees near.
 Land gently rolling and sloping
 S. Soil 2^{or}ate
 Grasses abundant
 No timber or undergrowth.
 March 7th 1877.

East on N. Boundary
 13th Mile
 Va 15° 05' East.

12.00 Trail bears N. and S.

80.00 Set a Volcanic Rock, 24x18x

Survey of Baca Location No. 5.

Louis

12 ins. $\frac{3}{4}$ in the ground, marked B.

I. V. 13. M. No trees near.

Land gently sloping S.

Soil generally 2^d rate.

Timber, an occasional cedar.

East on N. Boundary
14th Mile.

W. 15° East.

80.00 Set a post marked B. I. V. 14.
M. 4 ft long, flattened 3 ins, wide
1 ft in the ground, deposit stone
marked +, and build mound of
earth 2 ft high around post.
No trees near

Land, level valley,

Soil, 1st rate

No timber or undergrowth.

East on N. Boundary

Survey of Baca Location No. 5

Chains

15th Mile
Va. 15° East

24.00 Cattle trail bears N.E. and S.

80.00 Set a post, marked B. I. V. 15 M.
4 ft long, flattened 3 ins wide, 1 ft
in the ground, deposit stone marked
+, and build mound of earth 2 ft
high around post. No trees near.
Land level valley
Soil 1st rate
No timber or undergrowth

East on N. Boundary.

16th Mile.
Va. 15° East.

24.50 Arroyo 30 ft wide. Flows N.W.

41.00 Leave valley and begin ascent
of Juniper Mountains, bear
N. and S.

80.00 Set a volcanic stone, 16 x 14 x 12

Survey of Baca Location No. 5.

Stations.

ins. $\frac{2}{3}$ in the ground marked B.
 T. V. 16. M. No trees near.
 Land: W. level valley; E. West
 slope of Juniper Mts.
 Soil: W. 1st Rate, on mountain
 slope 3rd rate.
 No timber or undergrowth

East on N Boundary
 17th Mile
 on 15° East.

- 10.40 Summit of Juniper Mountains
 bears N.E. and S.
- 41.00 Gulch 100 ft wide, flows N.
- 80.00 Seb granite stone, 11 x 12 x 10 ins.
 $\frac{2}{3}$ in the ground, marked. B. T.
 V. 17. M. No trees near
 Land, rolling, summit of Juniper
 Mountains. Soil 2nd & 3rd rate
 Timber. Pine, Juniper, and oak.

Survey of Baca Location No. 5.

chains.

East on N. Boundary
18th Mile
Va 15° East

72.70 Bed of dry creek, 40 lks wide, flows
N.

80.00 Aqa limestone 14 x 12 x 8 ins, $\frac{2}{3}$ in
the ground, marked B. I. V. 18. M.
from which

a piñon 5 ins dia, bears S. 50° E. 7 lks dist.

" " 4 " " " N. 60° W. 12 " "

No other trees near.

Land rolling Mountain summit.

Soil 2^d and 3^d rate.

Timber pine Oak Juniper and
some piñon.

March 8th 1877.

East on N. Boundary
19th Mile
Va 15° East

54.66 To North East corner of Claim.

Survey of Paca Location No. 5.

Claim.

Set a limestone $16 \times 14 \times 6$ ins. $\frac{2}{3}$
in the ground, marked B. I. V. N.
E. C. from which.

a pine 30 ins dia bears $N. 20^\circ E. 8$ lks dist
an Oak 12 " " " $N. 79^\circ W. 40$ " "

Land rolling plateau, on summit
of Juniper Mountains.

Soil. 20 and 30 rods

Timber. Pine, Juniper, and Oak.

From the N. E. Corner of
Claim I run.

South on E. Boundary
19th Mile
on 15° East.

25.34 Completion of 19th mile.

Set a limestone $20 \times 16 \times 12$ ins. $\frac{3}{4}$
in the ground, marked B. I. V.
19. M. from which

a pine 4 ins dia bears. S. $12^\circ W. 70$ lks dist.

Survey of Baca Location No. 5.

Chains.

A Juniper 12 ins dia bears S. 51° E. 34 lks. dist.
 Land. gently sloping N.
 Soil 2^d and 3^o rate
 Timber. Pine oak and Juniper.

South on E. Boundary
 2^oth Mile.

N^o 15° East.

80.00 Set a limestone 18 x 16 x 6. ins.
 3/4 in the ground, marked B. I. V.
 20. M. from which
 a pine 14 ins dia, bears N. 42° E. 60. lks. dist.
 " " 24 " " " S. 9° E. 50. "
 Land, gently rolling plateau.
 Soil 2^o rate.
 Timber Pine, Oak, and Juniper.

South on E. Boundary,
 2^{1st} Mile

N^o 15° East.

Survey of Baca Location No. 5.

Chains.
80.00

Set a Limestone $14 \times 12 \times 12$ ins. $\frac{2}{3}$ in
the ground. marked B. I. V. 21. III.
from which.

A pine 6 ins dia. bears N. 4° W. 6 lks dist.
No other trees near.

Land rolling plateau. Mt. Summit.

Soil Strata

Timber Pine, Oak, and Juniper.

South on E. Boundary

22nd Mile

N. $14^{\circ} 50'$ East.

80.00

Set a post, marked B. I. V. 22 M.
4 ft long, flattened 3 ins wide
1 ft in the ground. deposit stone
marked +, and build mound of
earth 2 ft high around post
from which.

A pine 24 ins dia. bears N. 36° E. 50 lks dist.

No other trees near.

Survey of Baca Location No. 5.

Chain

Land, rolling plateau. Summit of Mt.
Soil 20 rake
Timber pine and oak.

South on E Boundary
23rd Mile
v^a 140° 50' East.

50.00 Set a post. marked B. I. V. 23.
Mt. 4 ft long. flattened 3 ins wide,
1 ft in the ground. deposit stone
marked + and build mound of
earth 2 ft high around post.
No trees near
Land, rolling plateau. Mt ^{summit}
Soil 20 rake
Timber pine and oak.

South on E Boundary
24th Mile
v^a 140° 50' East

Survey of Paca Location No. 5.

- Rain's
 37.00 Begin descent from Mountains.
 Slope bears E. and W.
- 80.00 Set a granite stone 24 x 16 x
 4 ins ^{3/4} into the ground, marked
 B. T. V. H. M. from which
 a Juniper *Juniper* bears. S. 32° W. 22 lks dist
 No other trees near
 Land rough and mountainous
 Soil 75% ^{3/4} granite.
 Timber pine and oak on Mountain
 summit. Scattering Junipers
 on slope
 March 9th 1877

South on E. Boundary
 25th Mile
 Va 14° 50' East.

- 28.00 Foot of Mountain slope and enter
 Juniper Canon. bears E. and W.
- 31.00 Hardyville and Prescott Road

Survey of Paes Location No 5.

Chains

bears E and W. Blaze and mark a pine 30 ins dia. distant 40 lks. fl. from line. also pine 30 ins dia. distant 70 lks E. of line. both trees on S side of road

37.00 Creek 12 lks wide flows E. and begin ascent of opposite slope of cañon.

80.00 Summit of slope, Seta Granite stone, 12 x 12 x 12 ins. ^{2/3} in the ground marked B. I. V. 25. III. from which

A Cedar *Hemodia* bears N $4\frac{1}{2}$ W. 21 lks dist No other trees near

Land rough and mountainous Soil 30 rake

Timber Pine Juniper and Cedar

South on E. Boundary
26th Mile.

Survey of Baca Location No. 5.

Chairs

- 0^a 140° 50' East.
- 29.50 Gulch 50 lks wide flows E.
Line runs along E. slope of Mts.
bearing N. and S.
- 80.00 Set a limestone 14 x 10 x 8 ins.
7/3 in the ground, marked B.
I. V. 26. M. from which
a piñon *Quercus* bears. N. 62° E. 15 lks dist
No other trees near
Land rough and mountainous,
Soil 30 rate and worthless.
Timber piñon and Cedar.

South on E. Boundary
27th Mile.

0^a 140° 50' East

- 29.75 Gulch 40 lks wide flows N.E.
- 31.00 Trail bears N.E. and S.W.
- 80.00 Set a granite stone 14 x 12 x 10
ins. 7/3 in the ground marked B.

Survey of Baca Location No 5.

Chain

IV. 27 M. from which.
 Alifon Sim dia bears $N 12^{\circ} E. 35$ lks dist.
 No other trees near.
 Land rough and rolling
 Soil 30 rds
 Timber scattering pines
 pines and cedars

South on E. Boundary
 28th Mile.
 Va 14050' East.

- 12.60 Gulch 40 lks wide, flows N.E.
 14.00 Road to Camp Wood bears N.E.
 and S.W. and begin ascent of Mountain
 spur bearing N.E. and S.W.
 70.00 Summit of point of Mountain
 spur. Projecting N. Westerly.
 77.00 Begin descent from Mountain
 spur, slope bears S.E. projecting
 N. Westerly a short distance to End

Survey of Bacia Location, No. 5.

Chais.

80.00

of spur, N. Westwly from line.
 Foot of slope of spur, enter level
 Mesa, bearing NW and SE. Set
 a granite stone $30 \times 20 \times 14$ ins. $\frac{3}{4}$
 in the ground, marked B. I. V. 28,
 M. from which
 a line 36 ins dia. bears $N. 35^{\circ} E.$ 18 lks dist.
 No other trees near
 Land rough and mountainous
 Soil forate
 Timber, mostly pine.

South on Q. Boundary
 29th Mile.
 $N. 14^{\circ} 50' E.$

88.20

Road to Camp Wood bears S. E.
 and N. W. W.

80.00

Set a granite stone, $15 \times 12 \times 10$ ins
 $\frac{2}{3}$ in the ground, marked B. I. V.
 29 M. from which

Survey of Baca Location Nos

chains

a pine 30 ins. dia. bears S. 79° W. 35 lks dist.

" " 30 " " " S. 51° E. 92 " "

Land mostly level mesa
soil 1st and 2nd grade.

Timber pine in abundance.

South on E. Boundary
30th mile
via 14050' East

80.00

Set a granite stone 18 x 12 x 6 ins.
3/4 in the ground, marked B. I. V
30 M. from which

a pine 20 ins dia. bears S. 7° W. 20 lks dist.

No other trees near

Land gently rolling mesa

soil 1st and 2nd grade

Timber. Pine.

March 10th 1877.

South on E. Boundary
31st mile.

Survey of Baca Location, No. 5.

Claims

No. 14° 50' East

80.00 Set a granite stone 16 x 12 x 6 ins,
7/3 in the ground, marked B. I. V.

31. M. from which

A pine 24 ins. dia. bears N. 50° W. 16 lks. dist.

" " 24 " " " S. 70° E. 26 " "

Land - rolling mesa

Soil 1st and 2^d rateTimber. Mostly pine, some Oak
and Juniper.

South on E. Boundary

32^o Mile

No. 14° 50' East.

11.10 To S. E. Corner of Claim,

Set a granite stone, 30 x 20 x 6
ins. 3/4 in the ground, marked B.

I. V. S. E. C. from which

A pine 24 ins. dia. bears N. 5° W. 25 lks. dist.

" " 14 " " " S. 77° W. 32 " "

Survey of Baca Location No. 5

Chains.

Land. gently sloping East.
Soil 1st and 2^d rate
Timber. pine Oak and Juniper

From S. E. Corner of Claim
I run

West on S. Boundary
32^o Mile
va 15^o East

18.00 Leave pine Timber and enter
Open Mesa. bears N. and S.

68.00 Gulch 40 lks wide flows S.

68.90 Completion of 32^o Mile.

Set a granite stone 18 x 16 x 12
ins. $\frac{3}{4}$ in the ground. marked

B. I. V. 32. M. From which
a pine 30 ins dia. bears S. 58^o W. 48 lks dist.

No other trees near

Land gently rolling

Soil 1st and 2^d rate

Survey of Baca Location No. 5.

Chain.

Timber. Pine, East end of mile,

West on S. Boundary

33^d Mile

Va 15° East.

28.50 Creek 18 lks wide, flows SW.

80.00 See a Volcanic stone 14 x 12 x 10
ins. $\frac{2}{3}$ in the ground, marked
B. I. V. 33 M. No trees near.

Land level mesa

Soil, 2^d rate

Timber, an occasional Juniper.

West on S. Boundary

34th Mile

Va 15° East.

80.00 See a Volcanic stone. 12 x 12 x 8
ins. $\frac{2}{3}$ in the ground, marked B. I.
V. 34 M. No trees near
Land level mesa

Survey of Baca Location 71.5

Lains

Soil 2^o rate
 Timber, an occasional Juniper

West on S. Boundary
 35th Mile.
 Va 15°05' East.

- 71.00 Descend into Cañon. bears
 N. E. and S. W.
- 77.00 Bottom of Cañon, and Creek
 15 lks wide flows S. W. and begin
 ascent of opposite bank of Cañon.
- 80.00 Set a volcanic stone, 18 x 16 x 12 ins
 $\frac{3}{4}$ in the ground. marked B. I. V.
 35. M. No trees near
 Land gently rolling mesa.
 Soil. 2^o rate
 Timber. Scattering Junipers.

West on S. Boundary
 36th Mile.

Survey of Paea Location No. 5.

Rains

va. $15^{\circ} 05'$ East.

4.00 Summit of opposite bank of Cañon, and enter gently rolling Mesa

80.00 Set a volcanic stone $14 \times 10 \times 6$ ins. $\frac{2}{3}$ in the ground marked B. I. V. 36. M. No trees near. March 11th 1877.

West on S. Boundary.

37th Mile.

va. $15^{\circ} 10'$ East.

71.00 Begin descent into Cañon of Purro Creek, with rough and precipitous banks, about 200 feet deep. bears N.W. and S.E.

80.00 Set a volcanic stone, $16 \times 16 \times 17$ ins. $\frac{2}{3}$ in the ground, marked B. I. V. 37. M. No trees near Land. E. of Cañon level Mesa

Survey of Baca Location No. 3.

Chains

with 2^d rate soil; in Cañon rough and worthless.

Timber, Scattering Junipers.

West on S. Boundary

3rd Mile

Pa. $15^{\circ} 05'$ East.

4.00 Bottom of Cañon and Turro
Creek, 30, lks wide, flows
NW, thence W. through
box Cañon entirely inac-
cessible, for several miles.

16.00 Summit of opposite bank
of Cañon and enter level
Mesa.

50.00 Set a volcanic stone $24 \times 18 \times$
 17 ins. $\frac{3}{4}$ in the ground, marked
B. L. V. 38. III. No trace near
Land level Mesa, with 2^d rate
soil, except along Cañon

Survey of Baca Location N. 5.

Chains.

where it is rough broken ^{and}
worthless.

Timber. Scattering Junipers.

West on S Boundary
29th Mile
W $15^{\circ} 05'$ East.

80.00 Set a post marked B. I. V.
39. III., 4 ft long flattened 3 ins
wide. 1 ft in the ground. Deposit
stone marked 4, and build
Mound of earth 2 feet high around
post. No house near.
Land level mesa
Soil granite
Timber a few Junipers.

West on S Boundary
40th Mile
W 15° East.

Survey of Baca Location No 5

Chains

58.00

East bank of Burro Cañon. bears N. and S. This Cañon is about 500 ft deep, and has vertical walls, on each side, about 100 feet deep, which render it utterly impossible to be chained. Therefore I set post 4 ft long, flattened 3 ins wide, marked B.I.V. 40. $\frac{58}{80}$ M., 1 ft in the ground, deposit stone marked + and built mound of earth 2 feet high around post. To ascertain distance across Cañon. I sight across to prominent volcanic rock directly in line, on opposite bank of Cañon. Running a Base S. from this point 10 chs, to a point from which the prominent volcanic rock on opposite bank bears N. 81.° W. and continue said Base line, S. to a total length of 15 chs. to a point

Survey of Baca Location. No. 5.

Chains

from which the prominent
volcanic rock on W. Bank of
Cañon bears $N. 76^{\circ} 30' W.$

The mean between the results
so ascertained shows the distance
across the Cañon, on the line, to
be 630,700 chains, which will be
41 cho. 05 lks on 41st Mile.

The 40th Mile post, falling into
Cañon, cannot be set.

Land, E. of Cañon Level Mesa
with 20 rate soil.

Along Cañon, rough rocky and
worthless.

Timber Scattering Junipers on
Mesa, and Cottonwoods along
Burro Creek, flowing S. E. W.
through center of Cañon.

March 12th 1847.

Survey of Baca Location No. 5.

Chains.

West on S. Boundary
41st Mile.
va 15° East.

41.00 Summit of W. bank of Cañon
and enter Mesa bears N and S.W.

80.00 Set a volcanic stone 16 x 14 x 10
ins. $\frac{2}{3}$ in the ground. marked
B. L. V. 41. M. No trees near.
Land W of Cañon level mesa
with 2^d rate soil.
Timber an occasional Juniper

West on S. Boundary
42nd Mile
va 15° East.

80.00 Set a volcanic stone. 16 x 10 x 10
ins. $\frac{2}{3}$ in the ground. marked
B. L. V. 42 M. No trees near.
Land. Mesa sloping S.
Soil 2^d rate.

Survey of Poca Location, No. 5.

Point Timber. Scattering Junipers.

West on S Boundary
4 3/4 Mile
wa 15° East.

80.00 Set a Volcanic Stone 20x16x10
ins. 3/4 in the ground. marked
B.I.V. 43. M. No trees near.
Land gently rolling sloping S.
Soil granite
Timber. Scattering Junipers

West on S Boundary
4 1/4 Mile
wa 15° East.

13.00 Begin descent into Cañon about
50 feet deep. bears N. and S.
16.00 bottom of Cañon and creek 15
ft wide flows S.
21.00 Summit of opposite bank.

Survey of Paea Location No. 5.

Chains.

- 43.50 Begin descent into Cañon about
50 ft deep. bears NWN and SE.
- 46.00 Bottom of Cañon.
- 47.54 To SW Corner of Claim.
Mark volcanic rock projecting
above surface of ground. 3x3
ft, - B. L. V. S. W. C. and build
mound of stones 4 ft high
No trees near
Land rough and broken by Cañons.
Soil 2^d rate and worthless.
No timber or undergrowth.
March 13th 1877.

From SW Corner of Claim
Iron.

North on W. Boundary
44th Mile
Va 140 501 East.

- 2.50 Summit of bank of Cañon and
enter Mesa bears NWN and SE.

Survey of Paes location N. 5.

Chains
 32.46 Completion of 4th mile
 Set a volcanic stone 16 x 12 x 12
 ins $\frac{2}{3}$ in the ground, marked
 B. T. V. 44. M. No true near
 Land rolling mesa
 Soil 20 rate
 No timber or undergrowth

North on W. Boundary 4th Mile on 14th 50' East

40.50 Begin descent into Cañon about
 75 ft deep bears NNW and SE.
 48.00 Bottom of Cañon and Creek
 15 lks wide flows S.E. and begin
 ascent of opposite bank of Cañon
 80.00 Set a limestone 24 x 14 x 10 ins
 $\frac{3}{4}$ in the ground, marked B.
 T. V. 45. M. No true near
 Land rough and broken by Cañons

Survey of Pica location No. 5

Lains

Soil, Workless

No timber or undergrowth

North on W. Boundary
46th Mile

W 140° 50' East.

21.00 Leave Cañon and enter gently
rolling Mesa. bears WNW^{d} S.E. 80.00 Set a post marked B. I. V. 46. III.
4 ft long. flattened 3 in wide 1 ft
in the ground. deposit stone
marked +, and build mound
of earth 2 ft high around post.
No trees nearLand gently rolling mesa
Soil 20 rate
Timber scattering Junipers.North on W. Boundary
47th Mile

Survey of Laca Location No. 3.

Lines

va 140 50' East

13.00 Gulch 80 lks wide flows S.E.

80.00 Set a volcanic stone 16x14x8
ins. $\frac{2}{3}$ in the ground marked B.
T. V. 47. M. from which
Andak Sins dia bears S. 76 W. 104 lks dist.
No other trees near
Land gently rolling.
Soil 1st and 2nd rate
Timber Scattering Oak and Juniper

North on W. Boundary
48th Mile

va 140 30' East

43.00 Gulch 1 ch. wide flows W.

80.00 Set a post marked B. T. V. 48. M.
4 ft. long. flattened 3 ins wide, 1 ft
in the ground, deposit stone
marked +, and build mound of
earth 2 ft high around post.

Survey of Pica Location No. 5.

Lains

No trees near
Land very gently rolling
Soil 1st and 2^o rate
Timber. Scattering Junipers and
Oaks

North on W. Boundary
49th Mile
on 140501 East.

5000 Set a post marked B. T. V.
49. M. 4 ft. long, flattened
3 ins wide, 1 ft in the ground,
deposit stone marked + and
build mound of earth 2 ft
high around post.

No trees near
Land very gently rolling
Soil 1st and 2^o rate
Timber. a few Oaks and Junipers

Survey of Poca Location No. 5.

Chains

From this post, the initial monument and starting point is in sight, bearing N. $0^{\circ}54'E$. I adjust my Compass to this bearing, and run

N. $0^{\circ}54'E$. on W. Boundary
50th Mile

to $140^{\circ}50'$ East.

67.50 Moss trail, very dim, bears E. and W.

68.89 The initial monument and place of beginning, closing with an excess of $3.1\frac{3}{100}$ chs.
Land W. rolling and hilly,
E. gently rolling
Soil 1st and 2nd rate
Timber a few scattering Junipers.
March 11th 1877.

General Description
This Location contains a

Survey of the Poca Location No. 5.

large amount of fine grazing and arable land, some of which is under cultivation in different portions of the claim.

The Eastern and Central portions of the claim contain large quantities of pine timber of fine quality. The grasses common to the country are abundant throughout the claim, which is well watered by numerous small creeks and springs.

Mount Hope, a prominent landmark of volcanic formation, is situated in the western-central portion of the claim, and is the Black or Burnt

Survey of Baca Location No. 3.

Mountain referred to in the Original notice of Location.

The land contained within the exterior boundaries of this Location is entirely of a non mineral character.

At Fort Stanton,
N. M. Deputy Surveyor.

These notes, plans & maps were properly prepared and sent to Washington, A. C. is approved & money paid, but survey not approved but suspended because of discovery relating to the Vegas grant. See letters in "Baca grant" package.

J. R. Faull.

BOOK 1778
List of Names.

46

BOOK 1778

A List of the Names of Individuals employed
to assist in running, measuring, or marking the
lines and corners described in the foregoing Field
Notes of the survey of *the Exterior*
Boundaries of Locators No
5 of Luis Ma. Baca's heirs
in Arizona Territory

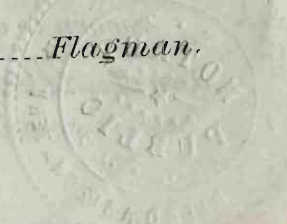
Showing the respective capacities in which they
acted.

Richard Shrope Chainman.

Almerin a. Skinkle Chainman,

William H. Foster Axeman.

Flagman.



Final Oath of Assistants.

We hereby certify that we assisted C. Burton
Foster U. S. Deputy Surveyor, in
 surveying ^{the Interior Boundary of} Location No 3 of
Luiz M. Pacis heirs, in
Arizona Territory

and that said Survey has been in all respects, to
 the best of our knowledge and belief, well and
 faithfully executed, and the boundary monuments
 planted according to the instructions furnished by
 the Surveyor-General.

Richard Shrop Chairman.
Americus S. Shinkle Chainman,
William H. Foster Axeman.
 _____ Flagman.

W.C. Foster

Sworn to and subscribed before me, this 15th
 day of March, 1877.

W.C. Foster
 Notary Public

Final Oath of Deputy Surveyor.

BOOK 1778

48

I, Burton Foster

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract with John Wasson, United States Surveyor-General for Arizona, bearing

date the 6th day of December

1876 I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General, the Surveying Manual, and the laws of the United States, surveyed all those portions of the

Eastern Boundaries

of Location No 5, of

the M. P. & M. in

Arizona Territory

----- as are represented in the foregoing Field Notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and also in accordance with the additional requirements con-

49

tained in circular instructions from the U. S. Surveyor-General for Arizona, dated September 1, 1873, regarding the establishment of corner boundaries of public surveys, and that the foregoing are the true and original Field Notes of such surveys.

C. Guston Foster
 Deputy Surveyor.

Sworn to and subscribed before me, this 15th day of March, 1877.

W. B. ...

W. Claster
 Notary Public



By Maria Bacc. Location No. 5
made by George Shind Jr

36	1861	29	1487	27	1825	13	1897	12	1911	1
				D.C.	32.04					

3	34	33	32	31
2	27	28	29	30
2	22	21	20	19
1	15	14	17	18
1	10	9	8	7
2	5	4	3	4

Township 18 N. R. 9 W.