

TRANS R28E  
SUBDIVISIONS

1

BOOK 994

No. 994

4-671

FIELD NOTES  
GENERAL LAND OFFICE.

994

Field Notes No. 994

Of the survey of the  
Subdivision Linesof  
Township No. 24 South, Range No. 28 East.  
of the  
Gila and Salt River Basins and Minchian  
in the

Territory of Arizona

As surveyed by

Philip Lentzen

U. S. Deputy Surveyor

Under his contract No. 93.

Dated April 28, 1902.

Survey commenced June 11, 1902

Survey completed, June 18, 1902.

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BOOK 995

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Township 24 S. Range 28 E.

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7  
 Subdivision of Township 24 South,  
 Chains

Survey commenced June 11, 1902, and  
 executed with a Young & Sons light  
 mountain transit No. 5609, with Smith's  
 solar attachment. I begin at the cor-  
 of, sres 1, 2, 35 and 36, on the north  
 boundary of the Ppl. as heretofore  
 described, and at 7<sup>h</sup> 39<sup>m</sup> a. m. I set  
 off 3123 on the lat. wire, 20 on  
 the decl. wire and determine a  
 true meridian with the solar  
 gnomon & gnomon

S 0° 1' E bet sres 1 and 2.

Over rolling land

Through dense sage

4000 Set up sandstone 18x8x6 ins, 12 ins in  
 the ground, for  $\frac{1}{4}$  sec cor, marked  
 $\frac{1}{4}$  E on N. and 1 on E face. Dig  
 pits 18x18x12 ins N. and S. of stone  
 3 ft dist, and raise a mound of earth



## Rungs 28 E

Chain

- 3 1/2 ft base 7 1/2 ft high, W of cor.
- 43.40 Draw, 2 eps wide, course N. W. W. W. W. W.
- 45.00 Dry wash, 30 lbs wide, course N. W. W. W. W.
- 70.00 Draw, 2 eps wide, course N. W. W. W. W.
- 70.30 Dry wash, 15 lbs wide, course N. W. W. W. W.
- 80.00 Set a granite stone 18 x 8 x 6 ins, 12 ins in  
the ground, for cor of arcs 1, 2, 11 and 12  
marked with 1 notch on E and 5 notches  
on S. edges, dig pits 18 x 18 x 12 ins, in  
each arc 5 1/2 ft dist and raise a mound  
of <sup>base</sup> earth 4 ft high, 2 ft high, W of cor.  
Land rolling.
- Soil, sandy and gravelly, 2nd and  
3rd rate.
- Timber, a few hackberry and junce  
along wash, mesquite, sage, grasswood,  
mesquite and Spanish bayonet.  
Dense mesquite, 8000 chd.



## Range 28 East - Continued

Chain

1½ ft high, N of cor Pit's impractic cable.

45.50 Dry wash, 10 chs wide, corner N. Westly

48.00 Draw and draw undergrowth, base N. Westly and S. Eastly.

71.00 Rented draw undergrowth, base N. Eastly and S. Westly.

8002 Per Sec of acres 1, 2, 11, and 12.

Land, rolling and level.

Soil, sandy and gravelly, 2nd and 3rd rate.

No timber, undergrowth, sage, grasswood and mesquite.

Draw undergrowth 32.02 chs.

S 0° 01' E bet sec 11 and 12

Over rolling land.

Through draw sage and grasswood

8.50 Draw 3 chs wide, corner N. Westly.



Subdivision of Township 24 South  
6 tracts

- 17.50 Draw 2 chs wide, corners of West only
- 26.00 Draw 2 chs wide, corners of West only
- 4.000 Set a sandstone 18x6x6 ins, 12 ins in the ground, for 7 sec cor, marked 11 on W and 12 on E. faera, dig pits 18x18x12 ins, N. and S. of stone, 3 ft dist, and raise a mound of earth 3 1/2 ft base, 1 1/2 ft high W of cor.
- 67.00 Road, from Douglass to San Bernardino Ranch.
- 8.000 Set a limestone 18x8x6 ins, 12 ins in the ground, for cor of secs 11, 12, 13 and 14, marked with 1 notch on E. and 4 notches on S. edge, and raise a mound of stone 2 1/2 ft base, 1 1/2 ft high, W of cor. Site impracticable.
- Land, rolling.
- Soil, sandy and gravelly, low and 3rd rate.
- No timber undergrowth, sage, mesquite and grasswood.



Range 28 East Continued.

Chains

Draw undergrowth, 5.00 etc.

S 89° 58' E on a random line bet secs  
12 and 13.

4.00 bet trap  $\frac{1}{4}$  sec 10

80.06 Intersect E bdy of the N 6 line N  
of cor of secs 7, 12, 13 and 18, as heretofore  
described.

Flora Burn

N 89° 56' W on a true line bet secs  
12 and 13.

Over mountainous land.

Overcoming through dense mesquite,  
sage and tree lilia undergrowth.

40 Post and enter draw, course S. W.

1.15 Dry wash 15 line width, course S. W.

4.00 Over draw and ascend

10.00 Top of flat ridge, sloping W.

34.00 Begin steep descent.

Subdivision of Pecos life 24 Santa	
Chains	
38.00	Foot and enter draw corner N. S. W. 1/4
40.13	Set of sandstone 18x12x6 ins, 12 ins in the ground, for 7' sec cor, marked 7'12 on N and 13 on S face and raise a mound of stone 2 1/2 ft base, 1 1/2 ft high, N. of cor. (to impracticable)
55.00	Dry wash 15 lbs wide, corner S. W. 1/4
6.00	Draw draw and ascend
65.00	Pop. turned over rolling land
7.00	Road from Douglas to San Bernardino ranch, cross N. W. 1/4 and S. E. 1/4
8.06	Plat cor of secs 11, 12, 13 and 14 Land mountainous, level and rolling Soil, sandy, gravelly and stony; 2nd, 3rd and 4' str. No timber, undergrowth sage, trefoil, mesquite and grasswood. Mountainous or land covered with dense undergrowth 8.06 lbs

Range 28 East - Continued  
 Chain

S<sup>0</sup>01' E bet secs 13 and 14.

Over mountainous land.

Descending through dense mesquite  
 and sage.

- 6.40 Foot and enter draw, corner S. Westly
- 6.85 Dry arroyo 40 lbs wide, corner S. Westly
- 9.40 Draw draw and ascend
- 15.00 Top of ridge, base E. and W.
- 17.00 Descend
- 34.00 Foot
- 35.00 Draw 1 ch wide, corner Westly
- 36.00 Ascend
- 37.00 Top of ridge, base E. and W.
- 39.50 Descend
- 40.00 Set of limestone 20x10x8 ins, 14 ins in  
 the ground, for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  14  
 on W. and 13 on E faces, and raise  
 a mound of stone, 2  $\frac{1}{2}$  ft base, 1  $\frac{1}{2}$  ft  
 high. Top of cor. is impracticable.



Subdivision of Township 24 South  
 Range

40.25	Foot
42.00	Ascend
46.00	Top of ridge, bars E and W.
48.00	Begin descent S. slope of ridge
55.00	Foot and ascend
64.00	Top, bars Easterly and Westerly
65.00	Descent
66.25	Foot
67.50	Ascend
69.25	Top and descend
73.00	Foot
78.50	Pelograph line to San Bernardino ranch bar Easterly and Westerly
79.30	Road to San Bernardino ranch, bars Easterly and Westerly
80.00	Set a sandstone 18x10x8 ins, 12 in. in the ground, for cor. of secs 13, 14, 23 and 24, marked with 1 notch on E, and 3 notches on S. edge; dig.

## Bangs 28 E. Continued

Chains

into 18x18x12 ins, in each sec, 5<sup>1</sup>/<sub>2</sub>  
ft dist, and raise a mound of earth  
4 ft base, 2 ft high, N of cor.  
Land, mountainous and rolling  
Soil gravelly and stony, sand and  
4 shale.

No timber, undergrowth grasswood,  
sage and scrubby cactus.

Mountainous or land covered with  
Dense undergrowth, 5,000 ch.

S 89° 56' E, on a random line bet  
secs 13 and 24.

4,000 Set trap 4 sec cor.

8,000 Intersect E. bdy of the <sup>10</sup> 1/2 lks N of  
cor of secs 13, 18, 19 and 24, as hereof  
described

Phoned Bonn

N 89° 52' W, on a true line bet sec

Subdivision of Township 24 South  
6 chains

- 13 and 24.  
Over mountainous land.  
Proceeding along top of ridge.
- 11.00 Foot and enter dense mesquite undergrowth, cross Northerly and Southerly
- 14.00 Around
- 17.00 Top and descend
- 19.85 Foot dry wash 10 lbs wide corner S. N.
- 22.00 Wire fence cross N. Easterly and S. Westerly
- 24.00 Around
- 31.00 Top of divide and descend
- 38.00 Foot
- 40.00 Set a sandstone  $7.5 \times 8 \times 6$  ins, 12 ins in the ground, for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  13 on N. and 24 on S. for each dig pits  $18 \times 18 \times 12$  ins E. and W. of Stone, 3 ft dia, and raise a mound of earth  $3\frac{1}{2}$  ft base,  $1\frac{1}{2}$  ft high.



Ranger 28 East - Continued  
Chain

N. of No.

45.50 Dry wash, 10 lbs. under corner S. Westly

47.85 Bend to San Bernardino ranch, brass  
E. N. Eastly and N. S. Westly.

49.00 Begin ascent S. E. slope of ridge

55.00 <sup>NO</sup> Top of ascent, descend along S. slope  
and cross dense undergrowth, brass  
Northly and Southly

73.00 Foot and prairie dense undergrowth  
brass N. Westly and S. Eastly

80.00 Plat. cor. of secs 13, 14, 23 and 24

Land, mountainous and level

Soil, sandy, gravelly and stony; 2nd,  
3rd and 4<sup>th</sup> rates

No timber, undergrowth, mesquite, sage  
and trechilla.

Mountainous or land covered with  
dense undergrowth, 8000 ch.

Split division of Township 24 South  
6 chains

S 0° 01' E, bet secs 23 and 24.

Over rolling land

6.82 Through dense mesquites and yucca  
Intersect International boundary bet  
the United States and Republic of  
Mexico at a point from which mon-  
ument No. 83 bears East, 41.32 chs  
dist.

Set a sandstone 18 x 8 x 6 ins, 12 ins in  
the ground, for closing cor of parcel  
secs 23 and 24, marked C. C. on N  
Mex on S, 24 on E and 23 on W  
face, dig pits 24 x 18 x 12 ins, cross-  
wise on each line, E. and W. 3 ft  
and N of stone, 7 ft dist and raise  
a mound of earth 4 ft base, 2 ft high <sup>top</sup>  
hand rolling  
Soil sandy and gravelly; 2nd and  
3rd rate.

Bunge 28 East - Continued

Observations

No timber, undergrowth, mangroves and yucca.

Dense undergrowth 6.82 ch.

June 11, 1902

June 12, 1902. At 7<sup>h</sup> 00<sup>m</sup> a.m. I met Port off 31° 23 on the lat arc; 23° 07' on the decl arc and determine at true meridian with the solar at the cor of arcs 2, 3, 34 and 35, on the N. side of the Sp, as heretofore described.

Phaner. Firm

S 0° 01' E, bet arcs 2 and 3.

Over gently rolling land

Through dense undergrowth

27.40 Road bears N. Easterly and S. Westerly

4.00 Set a granite stone 18x10x8 ins, 12 ins in the ground, for i' arc cor



Subdivision of Pennsylv 24 South  
Chains

- marked  $\frac{1}{4}$  3 on N and 2 on E, faces  
dig pits 18x18x12 in, N and S of  
stone, 3 ft dist, and raise a mound  
of earth 8  $\frac{1}{2}$  ft base, 1  $\frac{1}{2}$  ft high, W  
of cor.
- 42.00 Dig wash 10 lbs wide, corner N. S.  
Westerly.
- 46.80 Road bars N. Easterly and S. Westerly
- 52.20 Road bars Easterly and Westerly
- 61.80 Road bars E. N. Easterly and N. S.  
Westerly
- 80.00 Set of pins post, 3 ft long 3 ins sq  
with marked stone, 24 ins in the  
ground for cor of sees 2, 3, 10 and 11,  
marked
- B 24 S, S 2 on N E  
B 28 E, S 11 on S E  
S 10 on S W, and  
S 3 on N N face, with 2 notches

Ranger 28 East - Continued

Chains

on E. and 5 notches on S. edge,  
dig pits 18 x 18 x 12 in, in each sec,  
5' ft apart, and raise a mound of  
earth 4 ft base, 2 ft high, N of cor.  
Land, gently rolling  
Soil, sandy loam and gravelly; end  
and 3rd rats.

No timber, undergrowth, tocotilla, sage  
grass, wood and Spanish bayonet.  
Dense undergrowth, 5000 ch

East on a random line bet sec 2  
and 11.

4000 Set trap  $\frac{1}{4}$  sec cor.

79.96 Intersect N and S line 2 lth N of  
cor of secs 1, 2, 11 and 12

Plumer P run

N. 89° 59' W. on a true line bet  
secs 2 and 11.

Subdivision of Township 24 South  
 Chain

- Over gently rolling land.  
 Plentiful dense sage and grasswood.
- 29.00 Draw, 1 ch wide, corner N. W. corner
- 29.70 Old road, trans N. W. and S. E.
- 32.05 Road, trans N. W. corner and S. E. corner
- 35.00 Draw, 1 ch wide, corner N. W. corner  
 and trans dense undergrowth
- 39.98 Set a granite stone 18 x 10 x 4 ins, 12  
 ins in the ground, for  $\frac{1}{4}$  sec cor  
 marked 4's on N. and 11 on S. face  
 and raise a mound of stone 2 ft  
 except  $\frac{1}{2}$  ft high, N. of cor. Pits  
<sup>in front of</sup>
- 79.96 Top cor of secs 2, 3, 10 and 11.  
 Land, gently rolling  
 Soil, sandy and gravelly; 2nd  
 and 3rd rates  
 No timber, undergrowth, grasswood,  
 and sage  
 Dense undergrowth 35.00 ch



Range 28 East - continued  
Chain

S 0° 01' E bet ores 10 and 11

Over gently rolling land

Through dense sage and grasswood

27.20 Bond, bars Easterly and Westerly

4.000 Set a granite stone 18x12x6 ins, 12  
ins in the ground for  $\frac{1}{4}$  sec cor  
marked  $\frac{1}{4}$  10 on W and 11 on E faces,  
from which a semi-magnetic, 3 ins  
chain, bars S 20 $\frac{1}{2}$ ° W, 167 lbs, dist  
dig pits 18x18x12 ins, N and S of  
stone, 3 ft dist, and raise a mound  
of earth 3 $\frac{1}{2}$  ft base, 1 $\frac{1}{2}$  ft high W  
of cor

5.000 Begin gradual ascent

61.25 Bond, bars Easterly and Westerly

62.00 Ascend steep N slope of ridge,  
through dense vertillo cover

74.00 Pop, bars Easterly and Westerly  
and descend

Subdivision of Township 24 South  
Chain

8000 Set a granite stone 18x10x8 ins, 12  
ins in the ground, for cor of sec  
10, 11, 14 and 15, marked with 2 notches  
on E and 4 notches on S. edges,  
and raise a mound of stone 2 ft  
high 1 1/2 ft high W of cor. Pit  
impracticable

Land, gently rolling and mountainous  
Soil, gravelly and stony, 2nd, 3rd  
and 4th rates

No timber, undergrowth, sage, grass-  
wood and cacti

Mountainous or land covered with  
dense undergrowth. 8000 ch

S 89° 59' E on a random line bet  
secs 11 and 14.

4000 Set temp 1/4 sec cor

79.94 Intersect N. and S. line 2 thro S

Range 28 East - Continued  
 6.00

of cor of ores 11, 12, 13 and 14.

Phenac Prism

West on a true line bet ores 11  
 and 14.

Over mountainous land.

Descending through dense sage.

2.20 Foot, with 10 lbs wide courses S.E.  
 and begin ascent E. slope of ridge

2.50 Pop, brass N. and S, Phenac along  
 S. slope

15.00 Ascend along S. slope

28.50 Pop, brass N.W. and S.E.

39.97 Set a sandstone 18x16x12 ins, 12 ins  
 in the ground, for  $\frac{1}{4}$  ore cor. marked  
 $\frac{1}{4}$  11 on N. and 14 on S. faces, and  
 raise a mound of stones 2 ft base  
 $1\frac{1}{2}$  ft high, N. of cor. Pits im-  
 practicable.

5.00 Ascend E slope of high ridge.



Subdivision of Township 24 South  
 Chain

6.00 Pop, bars North and South

79.94 Piece of sec 10, 11, ~~12~~<sup>14</sup> and ~~13~~<sup>15</sup>

Land, mountains and rolling  
 Soil, gravelly and stony; 3rd and  
 4<sup>th</sup> rate

No timber, undergrowth, Spanish  
 bayonet, sage and cacti.

Mountains or land covered with  
 dense undergrowth, 79.94 chs.

June 13, 1902.

S 0° 01' E, bet sec 14 and 15.

Over mountainous land  
 Descending through dense sage  
 and grassland.

4.10 Part of sec 15 chs wide, course N,  
 W, north and ascend

12.00 Pop, bars East and West

21.00 Descend S. slope mountain

## Range 28 East - Continued

Chains

- 87.00 Foot, thence over level land
- 4.000 Set a sandstone 18 x 6 x 6 ins, 12 ins  
in the ground, for  $\frac{1}{4}$  sec cor, marked  
 $\frac{1}{4}$  15 on W. and 14 on E face; dig  
pits 18 x 18 x 12 ins, N. and S. of  
stone, 3 ft dia, and raise a mound  
of earth  $3\frac{1}{2}$  ft base,  $1\frac{1}{2}$  ft high,  
N. of cor.
- 61.00 Descend
- 65.00 Foot, and enter draw, course S.  
W. to try
- 70.00 Leave draw and ascend
- 72.00 Top, bars NE and S. W.
- 76.67 Bound to San Bernardino ranch  
bars E. N. Easterly and W. S.  
W. to try
- 78.53 Telegraph line to San Bernardino  
ranch bars E. N. Easterly and W.  
S. W. to try

Subdivision of Township 24 South  
 6th Range

79.96 Wire fence, bars Easterly and  
 Westerly

80.00 Set a sandstone 18x8x8 ins, 12 ins.  
 in the ground, for cor of sec 14,  
 15, 22 and 23, marked with 3 notches  
 on E. end & 3 notches on S. edge,  
 and raise a mound of stone 2 ft  
 base, 1 1/2 ft high, N. of cor. Site  
 impracticable.

Land, mountainous, level and rolling  
 Soil, sandy, gravelly and rocky  
 2nd, 3rd and 4th rates.

No timber, undergrowth, grass, wood,  
 sage, mesquite and cacti.

Mountainous or land covered with  
 dense undergrowth, 80.00 chs.

East on a random line bet sec  
 14 and 23.



Range 28 East - Continued  
 Chains

40.00 Set trip  $\frac{1}{4}$  sec cor

79.92 Intersect N and S line at cor of  
 secs 13, 14, 23 and 24.

Plumer Point

West end of tunnel line bet secs 14  
 and 23

Over rolling land

Plough, dense sage and grasswood.

39.96 Set a sandstone 18 x 8 x 6 ins, 12 ins  
 in the ground, for  $\frac{1}{4}$  sec cor,  
 marked  $\frac{1}{4}$  14 on N. and 23 on

S. faces; dig pits 18 x 18 x 12 ins,  
 E. and W. of stone, <sup>3 ft. dist.</sup> and raise a  
 mound of earth 3 $\frac{1}{2}$  ft base,  
 1 $\frac{1}{2}$  ft high, N. of cor.

70.47 Well fence, bars N. N. Westly  
 and E. S. Eastly.

79.92 Off cor of secs 14, 15, 22 and 23.  
 Land, rolling.

Inclusion of *Pumilio* in *Leontide*  
*Chinus*

Soil, sandy and gravelly, 2nd and  
 3rd rates.

No timber, undergrowth, sage,  
 grassweed, mesquite and yucca.  
 Dense undergrowth, 79.92 chs

1 S 0° E bet ores 22 and 23.

Over rolling land

Through dense sage.

6.81 Interoceanic International City limit  
 bet the United States and Re-  
 public of Mexico, at a point from  
 which Monument No. 84, bears  
 West 179.72 chs - dist

Set a limestone 18 x 8 x 6 ins, 12 ins  
 in the ground, for closing cor of  
 fracl ores 22 and 23, marked  
 C on N, Mex on S, 23 on E  
 and 22 on W face, dig site

Range 28 East - Continued  
Clinis

24 x 18 x 12 ins, crosswise on each line, E  
and W 3 ft and N of stone 7 ft dist, and  
raise a mound of earth 4 ft base, 2 ft high  
N of cor.  
Sand, rolling.

Soil sandy and gravelly; sand  
and 3rd rate

No timber; undergrowth sage,  
greasewood and Spanish bayonet  
Dense undergrowth, c. 81 chs.

June 14, 1902, at 2<sup>h</sup> 00<sup>m</sup> p.m., Lmt  
Port off  $31^{\circ} 23'$  on the lat arc,  
 $23^{\circ} 15\frac{1}{2}'$  N on the decl arc, and de-  
termine a true meridian with  
the solar at the cor of orec 3,  
4, 33 and 34, on the N. side of  
the Sp, as heretofore described.  
Phines D. Runy  
S.  $0^{\circ} 2' E$ . bet orec 3 and 4.



Subdivision of Township 24 South  
 6 miles

Over polling land.

- 22.30 Road, bears N. Easterly and S.  
 Westerly.
- 30.70 Road, bears N. Westerly and S.  
 Easterly.
- 4.000 Set a granite stone 18x12x8 ins, 12  
 ins in the ground, for  $\frac{1}{4}$  sec ev,  
 marked 4 on W and 3 on E.  
 faecal dig pits 18x18x12 ins, N. and  
 S of stone, 3 ft dist, and raise a  
 mound of earth 8  $\frac{1}{2}$  ft base, 1  $\frac{1}{2}$  ft  
 high, W of ev.
- 8.000 Set a granite stone 18x8x8 ins, 12 ins  
 in the ground, for ev of secs 8, 9,  
 9 and 10, marked with 3 notches  
 on E and 5 notches on S. edge,  
 dig pits 18x18x12 ins, in each sec,  
 5  $\frac{1}{2}$  ft dist, and raise a mound of

Bunge 28 East - Continued  
Chain

with 4 ft base ft high, top  
cor.

Land gently rolling

Soil, sandy and gravelly; 2nd and  
3rd rates.

No timber; undergrowth, grasswood,  
sage and mesquite.

Open undergrowth, 8.00 ch

East on a random line bet sres  
3 and 10.

4.000 Set temp  $\frac{1}{4}$  sec cor.

79.92 Enter set N. and S. line at the  
cor of sres 2, 3, 10 and 11.

Phaner 3 run

West on a true line bet sres 3  
and 10.

Over gently rolling land

through dense grasswood and sage.

Subdivision of Township 24 South  
 6 Towns

39.96 Set a malpais stone 18x8x6 ins, 12  
 ins in the ground, for  $\frac{1}{4}$  sec cor.  
 marked  $\frac{1}{4}$  3 in N and 10 on S.  
 Cover dig pits 18x18x12 ins E and  
 W of stone, 3 ft dist, and raise a  
 mound of earth 3  $\frac{1}{2}$  ft base 1  $\frac{1}{2}$  ft  
 high, N. of cor.

79.92 Fly cor of sees 3, 4, 9 and 10.  
 Sand, level and gently rolling  
 soil, sandy and gravelly; 2nd and  
 3rd rates.

No timber undergrowth, grass wood,  
 sage and mesquite

Minor undergrowth 79.92 cor

June 14, 1902.

So. 02' E, bet sees 9 and 10.

Over bare land

through minor sage and grasswood



## Range 28 East - Continued

Chain

6.25 Pond, bars Easterly and Westerly

8.30 Pond, bars Easterly and Westerly

4.000 Set a junction stone 18x10x6 ins, 12 ins  
in the ground, for  $\frac{1}{4}$  sec cor, marked  
 $\frac{1}{4}$  9 on W and 10 on E face, dig  
pits 18x18x12 ins, N. and S. of stone  
3 ft dist, and raise a mound of  
earth  $3\frac{1}{2}$  ft base,  $1\frac{1}{2}$  ft high  
W of cor.

73.00

Road, E. + W.

8.000

Set a malpais stone 18x12x10 ins  
12 ins in the ground, for cor of area  
9, 10, 15 and 16 marked with 3  
notches on E. and 4 notches on S.  
edges, dig pits, 18x18x12 ins, in  
each sec, 5 $\frac{1}{2}$  ft dist and raise a  
mound of earth 4 ft <sup>base,</sup> 2 ft  
high, W of cor.

Dund, level.

Soil, sandy and gravelly, 2nd and

## Subdivision of Township 24 South

Chains

Brd rats.

No timber; undergrowth, sage, mesquite and grasswood

Dense undergrowth, 8000 ch.

East on a random line bet secs 10 and 15.

4000 Set trap  $\frac{1}{4}$  sec ev

8000 Enter set N. and S. line at ev of secs 10, 11, 14 and 15.

Phaner Perm

West on a true line bet secs 10 and 15.

Over mountain land

Descending through dense vesillo cactus.

5000 Port gulch 10 lbs wide, course N. Westerly, and enter dense sage and mesquite

Bungi 28 East - Continued  
 Chumis

4000 Set a pin post, 3 ft long, 3 in  
 sq, with marked stone, 24 in in  
 the ground, for  $\frac{1}{4}$  sec cor, marked  
 $\frac{1}{4}$  S 10 on N, and S 15 on S face.  
 Dig pits 18 x 18 x 12 in, E and W  
 of post, 3 ft dist, and raise a  
 mound of earth  $3\frac{1}{2}$  ft base,  $1\frac{1}{2}$  ft  
 high, N of cor.

5000 For cor of secs 9, 10, 15 and 16  
 land, level and mountainous  
 Soil sandy, gravelly and stony; and  
 3rd and 4th rates

No timber, undergrowth, sage,  
 grasswood, mesquite and cacti  
 Dense undergrowth, 8000 ch

8000 E bet secs 15 and 16  
 Over level land

Through dense sage and mesquite



Subdivision of Township 24 South  
 Chums

40.00 Set a sandstone 18x12x8 ins, 12 ins in  
 the ground, for 4 ore cor, marked 4 16  
 on W. and 15 on E. faces; dig pits  
 18x18x12 ins N. and S. of stone, 3 ft  
 dist, and raise a mound of earth 8 1/2  
 ft diam, 1 1/2 ft high. W. of cor.

67.00 Begin gradual descent

72.50 Foot

73.00 Run, 1 ch wide, course S. W. to truly

73.50 to end

77.85 Road to San Bernardino ranch,  
 bears Easterly and Westerly

79.00 Telegraph line to San Bernardino  
 ranch, bears Easterly and Westerly

79.88 Wire fence, bears Easterly and Westerly

80.00 Set a granite stone 18x8x6 ins, 12 ins  
 in the ground, for cor of ores 15, 16  
 & 1 and 22, marked with 3 notches  
 on S. and E. edges, and raise a

Range 28 East - Continued  
 Chassis

mound of stones 2 ft base, 1 1/2 ft  
 high. N. of cor. Pits impracticable.  
 Sand, Creek and rolling.

Soil, sandy, gravelly and stony; 2nd,  
 3rd and 4" rats.

No timber; undergrowth, sage,  
 greasewood and mesquite.  
 Dense undergrowth, 8,000 ch.

East on a random line bet secs  
 15 and 22.

4000 Set traps 1/4 sec cor.

79.96 Intersect N. and S. line at cor of secs  
 14, 15, 22 and 23.

Phases B run

West on a true line bet secs 15 and 22  
 Over rolling land

Through dense sage and greasewood  
 .96 Top of low ridge, base N. Easterly

Subdivision of Township 24 South  
 Chain

and S. Westly, and begin gradual  
 descent.

17.96 Root of descent, and enter draw, corner  
 S. Westly.

38.56 Leave draw and ascend

39.96 Set a granite stone 18x6x4 ins, 12 ins  
 in the ground, for  $\frac{1}{4}$  sec cor, marked  
 $\frac{1}{4}$  15 on N. and 22 on S. face: dig  
 pits 18x18x12 ins, E and W of stone,  
 3 ft dist, and raise a mound of earth  
 8 $\frac{1}{2}$  ft base, 1 $\frac{1}{2}$  ft high, N. of cor.

41.96 Top base Northly and Southly

79.96 Phy cor of sec 15, 16, 21 and 22

Land, rolling and level

Soil, rich loam and gravelly; 1<sup>st</sup> and  
 2<sup>nd</sup> rate.

No timber, undergrowth, sage and  
 grasswood

Dense undergrowth, 79.96 ch.



## Range 28 East - Continued

Chumie

Loc. C bet sec 21 and 22.

Over rolling land,

ascending through dense grasswood  
and sage

1.00 Top of low ridge, bare N. Easterly

4.00 Descend

6.80 Intersect International city line bet  
the United States and Republic  
of Mexico, at a point from which  
Monument no. 84 bears West 99.76  
ch/ dist.

Set a granite stone 18 x 8 x 8 ins, 12 ins  
in the ground, for closing cor of fracl  
secs 21 and 22, marked C on N, Mex  
on S, 22 on E and 21 on N. Perso, and raise  
a mound of stone 2 ft base, 1 1/2 ft high,  
N. of cor, & it is impracticable.

Land, rolling  
Soil, gravelly; Ord rats.

Subdivision of Township 24 South  
Chain

No timber, undergrowth, sage and  
grasswood

Dense undergrowth, 680 chs.

June 15, 1902.

June 16, 1902. At 7<sup>h</sup> 30<sup>m</sup> a.m., l.m.t.  
I set off 31° 23' on the lat. arc;  
23° 20' on the decl. arc, and de-  
termined a true meridian with the  
solar at the edge of steel 4, 5, 82 and  
33 on the N. side of the Sp. as here  
to be described.

Turned E, up from east point in Nash

Loc 2, E, bet steel 4, and 5

Over gently rolling land

Through dense sage and grasswood

4 000 Set a malpais stone 18 x 16 x 12 ins  
12 ins in the ground for  $\frac{1}{4}$  sec cor  
marked  $\frac{1}{4}$  on W and 4 on E face

Range 28 East - Continued  
 Chronis

dig pits  $18 \times 18 \times 12$  ins, N. and S.  
 of stone, 3 ft dist, and raise a mound  
 of earth  $3 \frac{1}{2}$  ft base,  $1 \frac{1}{2}$  ft high. W.  
 of ev.

42.00 Brws denser undergrowth, brws E  
 and W.

76.27 Brws, brws N. Easterly and S.  
 Westerly.

8.00 Set a malpais stone  $18 \times 8 \times 8$  ins, 12  
 ins in the ground, for ev of sec  
 4, 5, 8 and 9, marked with 4 notches  
 on E and 5 notches on S. edge,  
 dig pits,  $18 \times 18 \times 12$  ins, in each sec  
 $5 \frac{1}{2}$  ft dist, and raise a mound of  
 earth 4 ft base, 2 ft high. W of  
 ev.

Land, level and gently rolling  
 Soil, sandy and gravelly, 1<sup>st</sup>, and  
 and Ord rates.



Subdivision of Township 24 South  
6 chains

No timber; undergrowth, sage, grass-  
wood and mesquite

Dense undergrowth, 42.00 ch

East on a random line bet ores 4  
and 9.

4000 Set temp  $\frac{1}{4}$  sec cor.

8000 Intersect N. and S. line 3 chs S  
of eye of ores 3, 4, 9 and 10

Plumer Point

S 89° 59' W, on a true line bet ore  
4 and 9.

Over gritty rolling land

through dense sage and grasswood

4000 Set a malpais stone 18 x 8 x 8 in  
12 in in the ground, for  $\frac{1}{4}$  sec cor.  
marked  $\frac{1}{4}$  4 on N. and 9 on S.  
faers; dig pits 18 x 18 x 12 in E.  
and W. of stone, 3 ft dist. and

Range 28 East - Continued  
 Charis

rais a mound of earth 3 1/2 ft base,  
 1 1/2 ft high, N. of cor.

8.00 The cor of sec 7, 8, and 9.

Land, level and gently rolling  
 Soil, sandy and gravelly; ends and  
 3rd rate

No timber, undergrowth, grasswood,  
 sage and mesquite,  
 dense undergrowth, 8.00 ch.

Sec 8 E, bet sec 8 and 9.

Very gently rolling land  
 through dense sage.

8.00 Bare sage, bare Easterly and  
 Westerly.

10.65 Road, bare Easterly and Westerly

13.35 Road, bare Easterly and Westerly

21.00 Enter dense brush and cacti;  
 thence along E slope of low ridge

Subdivision of Township 24 South  
Chains

Over malpais boulders

4 0.00 Set a malpais stone 18 x 8 x 8 ins, 12  
ins in the ground, for  $\frac{1}{4}$  sec cor.  
marked  $\frac{1}{4}$  8 on W. and 9 on E. faces  
and raise a mound of stone  $3\frac{1}{2}$  ft  
base,  $1\frac{1}{2}$  ft high, W of cor.

4 1.00 Grass dense undergrowth and  
boulders, bear N. Easterly and S.  
Westerly

4 6.74 Road, bear N. Easterly and S. Westerly

4 8.00 Grass dense undergrowth, bear  
N. Easterly and S. Westerly.

4 9.33 Road, bear Easterly and Westerly

8 0.00 Set a malpais stone 18 x 10 x 8 ins  
12 ins in the ground, for cor of sec  
8, 9, 16 and 17, marked with 4  
notches on E and S. edges, dig  
pits 18 x 18 x 12 ins, in each sec,  
 $5\frac{1}{2}$  ft dist, and raise a mound



Bunge 28 East - Continued  
 Chassis

of width 4 ft base, 2 ft high. N  
 of ev.

Land, gently rolling and level  
 Soil, sandy and gravelly; 2nd and  
 3rd rates

No timber; undergrowth: grasswood,  
 sage, mesquite, trochilla and yucca  
 Dunes undergrowth: c. v. ch.

N. 89° 59' E.

cut on a random line bet sree 9  
 and 16.

4.00 Set temp ¼ sree ev

8.00 Outset N. and S. line at ev of  
 sree 9, 10, 15 and 16.

Plumer 1000

S 89° 59' W, on a true line bet sree  
 9 and 16.

Overhaul land

Through dense grasswood and sage

Subdivisions of *Pumukip* 244 South  
Chains

4000 Set a malpais stone  $18 \times 12 \times 8$  ins,  
12 ins in the ground, for  $\frac{1}{4}$  ore cor,  
marked  $\frac{1}{4}$  9 on N. and 16 on S. face,  
dig pits  $18 \times 18 \times 12$  ins, E and W of  
stone, 3 ft dia, and raise a mound  
of earth  $3\frac{1}{2}$  ft base,  $1\frac{1}{2}$  ft high  
N. of cor.

8000 Pits cor of ores 8, 9, 16 and 17.  
Land, bad

Soil, sandy and gravelly; 2nd and  
3rd rate

No timber, undergrowth, treeless  
sage, grasswood, and mesquite.  
Dense undergrowth, 8000 ch.

Loca' E, bet ores 16 and 17.

Over gently rolling land  
through dense grasswood, treeless  
and mesquite.

Rancho 28 East - Continued  
 Chanis

4.000 Set a malpais stone 18x8x6 ins, 12 ins in the ground, for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  17 on W, and 16 on E face, dig pits 18x18x12 ins. N. and S. of stone, 3 ft dist, and raise a mound of earth  $3\frac{1}{2}$  ft base,  $1\frac{1}{2}$  ft high, W of cor.

77.54 Road to San Bernardino ranch bars East and West

78.45 Telegraph line to San Bernardino ranch bars East and West

79.99 Wire lines, bars East and West

8.000 Set a pine post, 3 ft long, 3 ins sq, with marked stone, 24 ins in the ground, for cor of sec 16, 17, 20 and 21, marked

S 24 S, S 16 on N.E.

R 28 E, S 21 on S.E.

S 20 on S.W. and



Subdivision of Township 24 South  
Chain

S 17 on N. W. corner, with 4 notches  
on E. end, 3 notches on S. edge;  
dig pits 18 x 18 x 12 ins, in each sec.  
5 1/2 ft dist, and raise a mound  
of earth 4 ft. base, 2 ft. high  
W of cor.

Round, level and gently rolling  
Soil, sandy and gravelly, 2nd  
and 3rd rates.

No timber, undergrowth, grass-  
wood, sage, locusts and mes-  
quite.

Some undergrowth, 8000 etc.

June 16, 1902

N. 89° 59' E

Set on a random line bet  
sect 16 and 21

4 0.00 Set temp'n sec cor

8 0.16 Return to N. and S. line & the

Ranga 28 East - Continued  
 Chaim

N. of cor of area 15, 16, 21 and 22  
 Primer Band

Wrot. on a timber line bet area  
 16 and 21.

Over, rolling land

Through dense sedge and mosquito

6.60 Draw, 2 ch. rods, course. Wrot. by

40.08 Set a malpais stone, 18 x 8 x 8 in., 12

in. in the ground, for 1/4 sec cor  
 marked 16 on N. and 21 on S.

face. Dig pits 18 x 18 x 12 in., E.  
 and W. of stone, 3 ft. dist. and

raise a mound of earth 8 1/2 ft  
 base, 1 1/2 ft high N. of cor.

80.16 S. of cor of area 16, 17, 20 and 21

Band, rolling

Soil, gravelly; Ord. rats.

No timber, undergrowth, sedge,  
 mosquito and grasswood.

Subdivision of Township 24 South  
Chains

Donor underground, 80.16 ch.

Loc 2 E, bet sec 20 and 21  
Over large land  
through donor tract and  
grassland

6. 81 Entropet International. by line  
bet the United States and re-  
public of Mexico at a point  
from which Monument No. 84  
bears West 19.58 ch. dist.

Set a pine post 8 ft long, 3 in  
sq, with marked stone, 24 in  
in the ground, for closing cor of  
frac sec 20 and 21, marked  
C 24 S, B 28 E on N.

S 21 on E  
Mex on S and

S 20 on N. face, dig pits



Range 28 East - Continued  
 Chain

24 x 18 x 12 ins. crosswise on each line,  
 E and W, 3 ft. and N of stone 7  
 ft. dist, and raise a mound of earth  
 4 ft. base, 2 ft. high, N. of cor.  
 Sand, level

Soil, sandy and gravelly; end and  
 Brd. water

No timber; undergrowth, troutilla  
 and grasswood.

Under undergrowth, 6.81 che

June 17, 1902, At 1<sup>h</sup> 20<sup>m</sup> p.m. I met  
 P. set off 31° 23' on the lat arc,  
 28° 23' on the decl arc and de-  
 termined a true meridian with  
 the solar at the eye of sec 5, 6,  
 31 and 32 on the N. side of the  
 Sp. as heretofore described  
 Sumner Run

Subdivision of Township in South  
Chain

- $80^{\circ}03' E$ , bet. sec's 5 and 6  
 Over level land  
 Plough dense sage  
 1.00 W. J. Williams' house, bare 3 chs W  
 2.00 bare dense sage, bare easterly  
 and westerly.  
 31.05 Road, bare N E and S W.  
 32.28 Middle of single track of the El  
 Paso and Southern steam railroad  
 bare  $N 53\frac{1}{2}^{\circ} E$  and  $S 53\frac{1}{2}^{\circ} W$ .  
 33.00 Telegraph line, bare N E. and S W  
 4.00 Set a granite stone  $18 \times 8 \times 8$  ins, 12  
 ins in the ground, for  $\frac{1}{4}$  sec cor  
 marked  $\frac{1}{4} E$  on W and  $5$  on E faces  
 dig pits  $18 \times 18 \times 12$  ins, N and S  
 of stone, 3 ft dist, and raise a  
 mound of earth 5 ft base, 12 ft  
 high, W of cor.  
 60.60 Sim White's house, bare about

Ranger 28 East - Continued  
 Chain

12.50 chs E.

8.00 Set a granite stone 18x10x8 ins, 12  
 ins in the ground, for cor of area  
 5, 6, 7 and 8, marked with 5 notches  
 on E and 5 notches on S. side.  
 dig pits 18x18x12 ins, in each sec  
 5 2 ft dia and raise a mound of  
 earth 4 ft base, 2 ft high, N of  
 cor.

Land, level.

Soil, sandy loam, 1<sup>st</sup> and 2nd rate.

No timber, undergrowth, sage.

Dense undergrowth, 20.00 chs

East on a random line bet sees 5  
 and 8

4.00 Set traps in see cor

8.00 Intersect N. and S. line at cor of  
 sees 4, 5, 8 and 9



Subdivision of Township 24 South  
6 towns

Plum Creek Town

Wrote on a true line bet ores 5  
and 8

Over level land, through dense sage

3.30 Road, bears N. Easterly and S. Westerly

14.95 Road, bears N. Easterly and S. Westerly

38.00 Bears dense undergrowth, bears N.  
Easterly and S. Westerly

40.00 Set a sandstone 18 x 10 x 4 ins, 12 ins  
in the ground, for  $\frac{1}{4}$  sec cor, marked  
 $\frac{1}{4}$  5 on N. and 8 on S. face. dig  
pits 18 x 18 x 12 ins, E and W of  
stone, 8 ft dist, and raise a mound  
of earth 3 ft base, 1 $\frac{1}{2}$  ft high, <sup>15</sup>  
of cor

53.30 House, bears about 15 chs S.

70.00 Well, bears 6 chs S

72.00 Enter dense brush, bears N. E.  
and S. W.

Ranga 28 East Continued  
 Chain

77.00 Cross across undergrowth, bears N.E.  
 and S.W.

8.00 The cor of sres 5, 6, 7 and 8.  
 Land, level

Soil, sandy loam and gravelly; 1<sup>st</sup>,  
 2nd and 3rd rates.

No timber; undergrowth, grasswood,  
 sugar and tree lilies.

Dense undergrowth, 43.00 chs

Went on a random line bet sres 6  
 and 7

4.00 Set trap  $\frac{1}{4}$  sres cor

8.00 Enterret W bdy of Pt 5 lbs N of  
 cor of sres 6 and 7 as heretofore  
 described.

Plumer Point

N. 89° 58' E, on a true line bet sres  
 6 and 7.

Subdivision of Township 24 South  
6 chains

Over level land

- 2.95 Bond, bars Northwly and Southwly  
 14.60 Bond, bars N. Easterly and S. Westerly  
 15.25 Width of single track of the El Paso  
 and Southern railroad, bars N.  
 Easterly and S. Westerly  
 17.95 Subgraph line bars N. Easterly and  
 S. Westerly  
 28.00 Bonus bars S. 15 ch  
 33.00 Bonus bars S. 15 ch  
 44.00 Set a sandstone 18 x 6 x 4 ins, 12  
 ins in the ground, for  $\frac{1}{4}$  sec cor  
 marked  $\frac{1}{4}$  6 on N and 7 on S.  
 faces; dig pits 18 x 18 x 12 ins, E and  
 W of stone, 3 ft dist, and raise a  
 mound of earth 3 $\frac{1}{2}$  ft base, 1 $\frac{1}{2}$  ft  
 high, N of cor  
 80.00 Plus cor of secs 5, 6, 7 and 8  
 Land, level



Range 28 East - Continued  
Crown

Soil, sandy loam; 1<sup>st</sup> and 2nd rates  
No timber.

S 0° 03' E, bet sec 7 and 8  
Over level land

- 2.40 Frame cabin, bars 4 lks E, and  
inter dense sage, bars Eastrly  
and Wstrly
- 14.50 Grass dense undergrowth, bars  
N. Eastrly and S. Wstrly
- 15.80 Bond, bars E. N. E and W. S. W.
- 23.95 Bond, bars Eastrly and Wstrly
- 28.00 Barren dense undergrowth, bars  
Eastrly and Wstrly
- 40.00 Set a granite stone 18 x 8 x 4 ins, 12  
ins in the ground for  $\frac{1}{4}$  sec cor,  
marked 4 7 on N and 8 on E  
faces; dig pits 18 x 18 x 12 ins, N.  
and S. of stone, 8 ft. dist, and

Sub-division of Township 24 South  
Chain

raise a mound of earth 3 $\frac{1}{2}$  ft  
base, 1 $\frac{1}{2}$  ft high, N. of cor.

43.40 Bond, base N. Easterly and S.  
Westerly,

60.20 Bond, base N. Easterly and S.  
Westerly

8.000 Set a single tree 18 x 10 x 6 ins, 12  
ins in the ground, for cor of sec  
7, 8, 17 and 18, marked with 6 notches  
on E and 4 notches on S edge.

dig pits 18 x 18 x 12 ins, in each  
sec, 5 $\frac{1}{2}$  ft dist, and raise a  
mound of earth 4 ft base, 2 ft  
high, N. of cor.

Bound, land

Soil, sandy and gravelly; 1<sup>st</sup>, 2<sup>nd</sup>  
and 3<sup>rd</sup> rats

No timber, uncragrowth, sage  
and grasswood.

Bunge's S East - Continued  
 China

Dms & underground, 34.10

June 17, 1902

East on a random line bet secs  
 8, and 17.

4.000 Set trap  $\frac{1}{4}$  sec cor

8.000 Intersect N. and S. line at cor of  
 secs 8, 9, 16 and 17.

Phence & run

Went on a true line bet secs 8  
 and 17.

Over level land

Through dense sugar

6.00 Road, cross N. Easterly and S.  
 Westerly

38.00 Int, cross N., about 20 ch

4.000 Set a sandstone  $18 \times 6 \times 4$  in, 12  
 in in the ground, for  $\frac{1}{4}$  sec cor.  
 marked  $\frac{1}{4}$  8 on N. and 17 on S.



Section of Township 24 South  
6th

faers; dig pits 18 x 18 x 12 ins, E  
and W of stone, 3 ft dist, and  
raise a mound of earth 3 1/2 ft  
base, 1 1/2 ft high, N. of ev  
41.00 Wagon bars S, about 30 chs  
8.000 Pk ev of ores 7, 8, 17 and 18.

Bound, level

Soil, sandy and gravelly; 2nd and  
3rd rate.

No timber, undergrowth, sage  
and grasswood

Dense undergrowth, 8.00 chs

S 89° 38' W, on a random line bet  
7 and 18

4.00 Sat trap 1/4 sec ev

80.66 Intersect N by of M 5 chs S  
of ev of ores 7 and 18, as heretofore  
described.

Concluded, Book 975