

SUBDIVISIONS  
TWIN RIVER

CONTRACT 51  
PHILIP CONTZEN  
U.S. DEP. SUR

1

935

No. 935

BOOK 935

4-671

FIELD NOTES  
GENERAL LAND OFFICE.

Field Notes No. 935

of the survey of the  
Subdivision Lines,  
of  
Township No. 21 South,  
Range No. 21 East,  
of the  
Gila and Salt River Basins and Mountains  
in the  
Territory of Arizona  
As surveyed by

Philip Cantzian  
U. S. Deputy Surveyor

Under his contract No. 87  
Dated August 24, 1901

Survey commenced November 11, 1901  
Survey completed November 25, 1901

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BOOK 935

Index

Township 21 South, Range 21 East.  
4TH STANDARD PAR. SOUTH

6	102	5	75	4	56	3	S. 22		22	
101	99	73	55	S. 22						
7	97	8	72	9	53	10	37	11	14	12
95	94	70	51	35	17					
18	92	17	69	16	49	15	34	14	15	13
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31	77	32	59	33	40	34	25	35	4	30

## Supervisor of S. S. R. &amp; C.

Chains

Survey commenced November 11, 1901,  
and executed with a W. & L. E.  
Tubley light mountain transit  
No. 4607, with Byrt's solar at  
attachment, as heretofore described.  
Examine the adjustments of the  
transit and find the same  
correct.

At 8<sup>h</sup> 40<sup>m</sup> a m, lmt, S set off  
31° 33' on the lat arc, 17° 21' S on  
the decl arc, and determine a  
true meridian with the solar  
at the cor of sses 1, 2, 35 and 36,  
on the S ldy of the Sp, as heretofore  
described.

Plumer Run

N. 0.01 W, bet sses 35 and 36.  
Over level and rolling land.  
Through dense undergrowth.

Subdivision of S 21 S, R 21 E - Continued

Chains 29.74	Pipe line to Sunbstone, bears N E and S W
30.35	Telephone line to Sunbstone, bears N 27° E, and S 27° W
41.00	Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 35 on W, and S 36 on E faces; dig pits 18x18x12 ins, N and S of post, 3 ft dist, and raise a mound of earth $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft high. W of cor.
79.88	Road, bears N 50° E, and S 50° W.
80.00	Wire fence, bears N easterly and S westerly. Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for cor of secs 25, 26, 35 and 36, marked,

6  
 Subdivision of S 21 S, R 21 E - Continued  
 Chains

S 21 S, S 25 on NE,  
 R 21 E, S 36 on SE,  
 S 35 on SW, and  
 S 26 on NW faces, with 1 notch  
 on S and E edges; dig pits 18x18x12  
 ins, in each sec, 5 1/2 ft dist, and  
 raise a mound of earth 4 ft base,  
 2 ft high, W of cor.  
 Ground, level and rolling.  
 Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> rates.  
 No timber, undergrowth, bracta,  
 sage, and mesquite.  
 Dense undergrowth, 8000 lbs.

East on a random line bet secs  
 25 and 36.

14000 Set trap's sec cor.

79.98 Intersect E bdy of N 3 lks N  
 of cor of secs 25, 30, 31 and 36,

Admission of S 25 S R 21 E - continued

as heretofore described.

Thence S 90°

N 89° 59' W, on a true line but  
sets 25 and 36.

Over level and rolling land.

Through dense undergrowth.

3299

Set a rounded post, 8 ft long, 4  
ins sq, with marked stone, 24  
ins in the ground, for  $\frac{1}{2}$  sec cor,  
marked  $\frac{1}{2}$  S 25 on N, and S 36 on  
S face; dig pits 18 x 18 x 12 ins, 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.

5380 Pipe line to Southstone, bears N 60°  
and S 70°

5483 Wire fence, bears N 13  $\frac{1}{2}$ ° W, and  
S 13  $\frac{1}{2}$ ° E; from this point the N. W. cor  
of the San Rafael del Valle grant

Subdivision of S 21, R 21 E - Continued  
Chains

- 54.85 Bars  $N 13\frac{1}{2}^{\circ} W$  41.14 chs dist.  
Telephone line to Sumbstone, bars  
 $N 27^{\circ} E$ , and  $S 27^{\circ} W$ .
- 54.96 Road, bars  $N 30\frac{1}{2}^{\circ} W$  and  $S 30\frac{1}{2}^{\circ} E$ .  
75.00 Road bars  $N. E.$  and  $S. W.$   
79.98 Marker of sres 25, 26, 35 and 36.  
Band level and rolling.  
Soil, loam and gravelly; 1<sup>st</sup> and 2<sup>d</sup>  
rate.  
No timber; undergrowth, mosquito,  
tsetse, sage and grasswood.  
Dense undergrowth, 79.98 chs.
- 
- $N. 01^{\circ} W$ , but sres 25 and 26.  
Over level and rolling land.  
Thorough, dense undergrowth.
- 23.00 Curvy horse, bars  $N$  chs  $E$ .
- 25.00 Curvy draw, 4 chs wide, curves  
westerly
- 29.60 Wire fence, bars  $N 70^{\circ} E$  and



Submission of S, S, S, E - Continued  
 Chains.

S 70° W.

40.00 Set a redwood post, 3 ft long, 4  
 ins sq, with marked stone, 24  
 ins in the ground, for  $\frac{1}{4}$  sec cor,  
 marked  $\frac{1}{4}$  S 26 on W and S 25 on  
 E faces; dig pits 18 x 18 x 12 ins,  
 N and S of post, 3 ft dist, and  
 raise a mound of earth 3  $\frac{1}{2}$  ft  
 base, 1  $\frac{1}{2}$  ft high, W of cor.

8.00 Set a limestone 18 x 10 x 4 ins, 12  
 ins in the ground, for cor of vsec  
 23, 24, 25 and 26, marked with 2  
 notches on S and 1 notch on E  
 edges; 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, W of cor.

Land, level and rolling.

Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> rates.

Subdivision of S 21 S, R 21 E - Continued

Chains

No timber, undergrowth, mesquite,  
tricotla and sage.

Dense undergrowth, 80.00 chs.

S 89.59° E, on a random line bet  
secs 24 and 25.

140.00 Set temp 1/4 sec cor.

79.90 Intersect E bdy of Sp 2 lks N  
of cor of secs 19, 24, 25 and 30, as  
described.

Thence S, run

N 89.58° W, on a true line bet  
secs 24 and 25.

Over level, and rolling land.  
Through dense undergrowth.

12.66 Pipe line, bears N easterly, and  
S westerly

14.86 Telephone line, bears N 37° E, and  
S 27° W.

27.24 Road, bears N easterly, and S

## Submission of S 21, R 21 E - Continued

Chains

westerly.

28.00 Middle of chain, 4 chs wide, course  
N easterly.

39.95 Set a pine post, 3 ft long, 4 ins  
sq, with marked stem, 24 ins in  
the ground, for  $\frac{1}{4}$  sec on, marked  
 $\frac{1}{4}$  S 24 on N and S 25 on S faces;  
dig pits 18x8x12 ins, 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.

79.90 Sta on of secs 23, 24, 25 and 26.

Land, rolling.

Soil, gravelly; 2.5 yds.

No timber; undergrowth, sage and  
grasswood.

Dense undergrowth, 79.90 chs.

No. 01 W, bet secs 23 and 24.

Subdivision of S<sub>1</sub>, S<sub>2</sub>, R<sub>2</sub>, E - Continued  
Chains

Over rolling land.

Through dense undergrowth.

4:00 Set a pine post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  S 23 on W and S 24 on E faces, from which a mosquito, 3 ins diam, bears N 16 W, 49 lbs dist, marked  $\frac{1}{4}$  S 23, B.T.

A mosquito 4 ins diam, bears S 3° E, 113 lbs dist, marked  $\frac{1}{4}$  S 24, B.T.

8:00 Set a limestone, 18x10x8 ins, 12 ins in the ground, for cor of secs 13, 14, 23, and 24, marked with 3 notches on S and 1 notch on E edges; dig pits 18x18x12 ins, in each sec, 5½ ft dist, and raise a mound of earth 4 ft base, 2 ft high, W of cor.

Subdivision of S 21 S. R 21 E Continued

Chances

Land, rolling.

Soil, gravelly; sand & silt.

No timber; undergrowth, mesquite,  
tricot and sage.

Dense undergrowth, 8000 lbs.

November 11, 1901.

November 12, 1901. At 8<sup>h</sup> 45<sup>m</sup> a.m. (mt.  
P set off 81.35 on the latitude; 17° 38' S  
on the decl arc, and determine a  
true meridian with the solar at  
the eve of secs 13, 14, 23 and 24.

S 89° 58' E, on a random line bet secs  
13 and 24.

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

4992 Intersect E bdy of Sec 5 lbs N of eve  
of secs 13, 18, 19 and 24, as heretofore  
described.

Shenoe D. Run

Subdivision of T<sub>21</sub>S, R<sub>21</sub>E - Continued

Chains

- N. 89° 56' W, on a true line bet sees  
13 and 24.  
Over level and rolling land.  
Through dense undergrowth.
- 28.92 Wire fence, bears N. westerly and S  
easterly.
- 30.92 Road, bears N. westerly and S easterly.
- 39.96 Set a redwood post, 3 ft long, 4 ins  
sq, with marked stone, 24 ins in  
the ground, for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$   
S 13 on N, and S 24 on S faces; dig  
into 18x18x12 ins, 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.
- 40.57 Road to Fairbank, bears N. westerly  
and S easterly.
- 49.92 The cor of sees 13, 14, 23 and 24.  
Land, level and rolling.  
Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> rates.

Subdivision of Twp 1, R. 1, E. Continued

Chronic

No timber, undergrowth, sage, tobacco  
and mosquito.

Dense undergrowth, 79.92 chs.

N. 0.01' W, but sees 13 and 14.

Over level land.

Through dense undergrowth.

27.50 Dry wash, 3 chs wide, course N. westerly.

31.50 Dry wash, 3 chs wide, course westerly;  
junction of washes bears 2 chs E.

39.98 Road, bears N. westerly and S. westerly.

40.00 Set a granite stone 18 x 12 x 7 ins, 12 ins in  
the ground, for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  14  
on W. and 13 on E faces, and raised  
a mound of stone 2 ft base, 1 1/2 ft high,  
W of cor. Site impracticable.

41.56 Wire fence, bears N. westerly and S.  
westerly.

46.90 Road, bears N. westerly and S. westerly.

Subdivision of S 21, R 21 E - Continued  
Chains

- 49.60 Dry wash, 4 lbs wide, course N easterly.
- 50.30 Road, bars N easterly and S westerly.
- 56.60 House, bars 10 chs E.
- 67.00 Road, bars N westerly and S easterly.
- 69.60 Dry wash, 10 lbs wide, course N easterly.
- 76.60 Wire fence, bars N E and S W.
- 78.80 Dry wash, 20 lbs wide, course N easterly.
- 80.00 Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground; for cor of secs 11, 12, 13 and 14, marked:  
 S 21 S, S 12 on N E,  
 R 21 E, S 13 on S E,  
 S 14 on S W, and  
 S 11 on N W faces, with 4 notches on S and 1 notch on E edges; dig pits 18x18x12 ins, in each sec, 5 1/2 ft dia, and raise a mound of earth 4 ft base, 2 ft high, W of cor.



Subdivision of S<sub>1</sub> S, R<sub>21</sub> E - Continued

Claims

Round, rolling.

Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> natl.No timber; undergrowth, mesquite,  
tesota and sage.

Dense undergrowth, 8000 chs.

S 89° 56' E, on a random line bet sses  
12 and 13.

4.00 Set temp 4 ssec en.

8.00 Distinct E bay of Sp 10 lbs S of cor  
of sses 7, 12, 13 and 18, as heretofore  
described.

Shaner Penn

Western town line bet sses 12  
and 13.Along foot of S slope of Bronkaw  
Hill, over sandstone boulders.

1.20 Wash, 30 lbs wide, course S westerly.

3.00 Clear boulders and enter San Pedro

Subdivision of S 1 S R 2 E - Continued  
 Chains

- valley.
- 40.00 Set a granite stone, 18x12x6 in, 12 in  
 in the ground, for  $\frac{1}{4}$  sec cor, marked  
 $\frac{1}{4}$  12 on N and 13 on S face; dig pits,  
 18x18x12 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.
- 45.92 Wire fence, bars N W and S E.
- 46.08 Telegraph line, bars N W and S E
- 46.91 Middle of single track of the Arizona  
 and Southeastern Railroad bars  
 N westerly and S easterly.
- 47.55 Wire fence, bars N westerly and S  
 easterly.
- 53.80 San Pedro river, 1 ch wide, course  
 northerly.
- 56.00 Enter alfalfa field.
- 64.72 Wire fence, bars northerly and  
 southerly, and leave alfalfa field,  
 and enter dense undergrowth.

## Subdivisions of S 21, R 21 E - Continued

Chains	
69.98	Windsnow, bears $N 67^{\circ} E$ , and $S 67^{\circ} W$ .
72.60	Dry wash, 10 lbs wide, course $N$ westerly.
8000	The end of ores 11, 12, 13 and 14. Land, rolling. Soil, gravelly and rocky, 1, 2 and 4 rods. No timber, undergrowth, mesquite and trestle. Dense undergrowth 10.28 chs
	$N 00^{\circ} W$ , bet ores 11 and 12. Over mountainous land. Through dense undergrowth
1.00	Ascend to top, bears easterly and westerly, and descend
4.50	Foot, dry wash, 20 lbs wide, course Easterly; ascend.
6.00	Ascend over Sandstone boulders.

## Subdivision of S. 1, R. 2, E. - continued

Chains  
3.000

Top, bears Easterly and westerly, and  
bears sandstone boulders, and descend,  
mag. var. at this point is  $15^{\circ}$  E.

38.80

Foot, gulleh, 15 lbs wide, course N  
easterly, and ascend.

40.00

Set a porphyry stone,  $18 \times 12 \times 6$  ins, 12  
ins in the ground, for  $\frac{1}{4}$  sec cor,  
marked # 11 on W and 12 on E faces,  
and raise a mound of stone, 2 ft  
base,  $1\frac{1}{2}$  ft high, W of cor. Set in  
practically.

43.90

Foot of descent, and finer bears  $N 48^{\circ} E$ ,  
and  $S 48^{\circ} W$ .

44.60

Dry wash, 5 lbs wide, course N easterly.

45.20

Ascend E slope of ridge.

50.00

Top, bears E and W, and descend.

57.00

Foot, and enter San Pedro valley.

61.00

San Pedro river, 1 ch wide, course, N  
westerly.

Subdivision of S 21 S. R 21 E. Continued

- Chains  
 64.50 Wire fence, bears  $N 39\frac{1}{2}^{\circ} W$  and  $S 39\frac{1}{2}^{\circ} E$ .
- 65.82 Middle of single track of the Arizona and South Eastern Railroad, bears  $N 39\frac{1}{2}^{\circ} W$  and  $S 39\frac{1}{2}^{\circ} E$ .
- 67.00 House, bears 7 chs.  $N$
- 67.05 Telegraph line, bears  $N 39\frac{1}{2}^{\circ} W$ , and  $S 39\frac{1}{2}^{\circ} E$ .
- 67.10 Wire fence, bears  $N 39\frac{1}{2}^{\circ} W$  and  $S 39\frac{1}{2}^{\circ} E$ .
- 69.00 Ditch, as the wide course of westerly and easterly.
- 72.61 Intersect E bdy of the San Juan de los Rios Boguillas y Nogales Private Land Grant at a point from which the 25-mile ea measurement of grant bears  $N 19^{\circ} 58' E$ , 13.00 chs. dist.
- Set a porphyry stone, 18 x 8 x 8 ins, 12 ins in the ground, for closing cor of parcel sees 11 and 12, marked C C on S. 12 on E, 11 on W and S. J. <sup>PL-13. Y N.</sup>

Subdivision of T<sub>21</sub> S. R<sub>21</sub> E - Continued  
 Chains

On all faces, dig pits 24 x 18 x 12 ins.  
 crosswise on each line, NE and SW  
 3 ft, and S of stone, 7 ft. dist, and  
 raise a mound of earth 4 ft. base,  
 8 ft. high S of eve.

Land, mountainous and rolling.  
 Soil, gravelly and rocky, 2<sup>d</sup> and  
 4<sup>th</sup> rates

No timber, undergrowth, *terota*, sage  
 and mesquite

Mountainous land or land covered  
 with dense undergrowth, 72.61' - ch.

From the ea of sres 1, 6, 7, and 12,  
 on E bay of the Sp, as heretofore  
 described, From

West on a true line bet sres 1  
 and 12.

Over mountainous land.

Subdivision of S 21 S. R. 21 E - Continued  
 Chains

- Ascending N slope of ridge.
- 2.40 Gully, 5 lks wide, course N easterly.
- 4.50 Top of ridge, brans N and S, descend.
- 13.00 Foot, gulch 10 lks wide, course N  
 westerly; ascend.
- 16.00 Top of spur, brans northerly; descend.
- 19.50 Foot, gulch, 50 lks wide, course N  
 westerly; ascend.
- 23.00 Top of ascent, brans N and S, and  
 descend.
- 19.00 Part of descent; gulch 10 lks wide,  
 course northerly, and ascend. spur.
- 33.40 Shaft on line, 40 ft deep.
- 39.00 Top of spur, brans S easterly.
- 39.45 Intersect S leg of the San Juan  
 de las Caguillas of Nogales Private  
 Land Grant, at a point from which  
 the 25<sup>th</sup> mile cor monument of grant  
 brans N  $79^{\circ}53'E$ , 11.66 lks dist.

Subdivision of No. 1, R. 21 E - continued

Chains

Set a surveying stone, 18 x 12 x 2 ins,  
12 in in the ground, for closing  
one of fractional sres 1 and 12, marked  
C on E, 4 on N, 12 on S and  
S. J. <sup>DL</sup> B. & N. on W faces and raise  
a mound of stone, 2 ft base, 1 1/2 ft  
high, E of one. Site impracticable.  
Land, mountainous and mineral  
bearing.

Soil, rocky; 4<sup>th</sup> rate.

No timber, underground, scattering trees.  
Mountainous land 39.45 chs.

November 12, 1901.

November 13, 1901. At 7<sup>h</sup> 56<sup>m</sup> a.m. (mt),  
I set off 31° 33' on the lat arc; 17° 53'  
on the decl arc, and determine a  
true meridian with the solar at  
the end of sres 2, 3, 34 and 35, on the



Subdivision of S 21 S. R 2 E. Continued

Chains

S 1/4 of the S 1/4, as herebefore described.  
 Turner Farm

N 001 W, bet sres 34 and 35.

Over level and rolling land.

Through dense undergrowth.

40.00 Set a redwood post, 3 ft long, 4 ins sq,  
 with marked stone, 24 ins in the  
 ground, for  $\frac{1}{4}$  sec W, marked  $\frac{1}{4}$  334  
 on W and S 35 on E face; dig pits  
 18x18x12 ins, N and S of post, 3 ft  
 dist, and raise a mound of earth  
 3 1/2 ft base, 1 1/2 ft high, W of cor.

57.60 Road to Kirilly's, bears westerly  
 and easterly.

73.00 Long draw, 3 chs wide, course  
 easterly.

80.00 Set a redwood post, 3 ft long, 4 ins  
 sq, with marked stone, 24 ins in  
 the ground, for cor of sres 26, 27, 34

Subdivision of S 21, S, R 21 E - Continuous  
Chains

and 35 marked

S 21 S, S 26 in NE,

R 21 E, S 35 in SE,

S 34 in SW, and

S 27 in NW faces, with 1 notch on

S and 2 notches on E edges; dig pits

18 x 18 x 12 ins, in each sec, 5 ft dist,

and raise a mound of earth 4 ft

base, 2 ft high, W of cor.

Land, level and rolling.

Soil, gravelly, 2 and 3 natl.

No timber, underground tracts, mes-

quite, and sage.

Druss underground, 8.00 chs.

East on a random line bet secs

26 and 35.

40.00 Set lamp to sec cor.

79.98 Put wicket N and S lines at cor

Subdivision of Part B, Part C - Continued  
Chains

of sizes 25, 26, 25 and 36.

Werner P. m.

Put on a true line bet sizes 26  
and 25. ~~Over~~ rolling land, through dense un-  
dergrowth.

28.00 Draw, 2 chs wide, course N & strictly.

39.99 Set a wooden post, 3 ft long, 4 ins  
sq, with marked stone, 24 ins in the  
ground, for  $\frac{1}{4}$  sec on, marked  $\frac{1}{4}$  S  
26 on  $\frac{1}{4}$  and 25 on S face, dig pits  
18x18x12 ins 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,  $\frac{1}{4}$  of sec.

45.00 Carry draw, 3 chs wide, course N & strictly.

54.50 Wire fence, bars north-south and  
west-south.

79.99 ~~Sec on~~ of sizes 26, 27, 24 and 25.

Land, level and rolling.

Soil, gravelly; 2 $\frac{1}{2}$  times 3 $\frac{1}{2}$  rate.

No timber, undergrowth, mesquite,

Subdivision of S 21 S R 21 E - continued

Chains

tract of sage and grassland.

Corner marked with 79.98 chs.

N 00° 11' W, bet acres 26 and 27.

Over level and gently rolling land.

Through dense mesquite.

14.000

Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  S 27 on W and S 26 on E faces, dig pits 18 x 18 x 12 ins, N and S of post, 3 ft dist, and raise a mound of earth  $3\frac{1}{2}$  ft base, 1 $\frac{1}{2}$  ft high, W of cor.

8.000

Set a pine post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for cor of acres 22, 23, 26 and 27, marked

S 21 S, S 23 on N E.

Subdivision of Sec 1, R. 2, E. - Continued  
Chains

R. 2, E. Sec on S. E.

S. 27 on S. W. and

S. 22 on N. W. face, with 2 notches  
on S. and E. edges; dig pits 18x18x12  
ins. in each sec, 5 1/2 ft dist, and  
raise a mound of earth 4 ft base,  
2 ft high, N. of cor.

Land level and gently rolling.

Soil, sandy and gravelly; 2 and  
3<sup>d</sup> rates.

No timber; 7 inch growth, mesquite  
and grasswood.

Dance underground, 8000 ch.

East end random line bet secs  
23 and 26.

40.00 Set temp. 4 sec cor.

79.94 Intersect N. and S. line 6 ch. S  
of cor. of secs 23, 24, 25 and 26.

Subdivision of S 21, S. R 21 E - Continued  
 Chains

Thence S - run

S 89° 57' W, una true line but sees  
 23 and 26.

Over level and gritty rolling land.

Through dense undergrowth.

3997 Set a red wood post, 3 ft long, 4 ins sq,  
 with marked stone, 24 ins in diameter,  
 for  $\frac{1}{4}$  sec on marked  $\frac{1}{4}$  S 23 on N and  
 S 26 on S face; dig pits 18 x 18 x 12  
 ins, 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 sec.

7994 Thence of sec 22, 23, 26 and 27.

Level, level and gritty rolling.

Soil, sandy and gravelly; 2<sup>d</sup> and  
 3<sup>d</sup> rates.

No timber; undergrowth, mesquite,  
 locust and sage.

Drain undergrowth, 7994 chs.

## Subdivision of S 21 S 22 E Continued

Chains

November 13, 1901.

N 001° W, lat sees 22 and 23.

Over quantity rolling land.

Through dense undergrowth.

38.00 Dry wash, 2 chs wide, course N  
westerly.40.00 Set a redwood post, 3 ft long, 4 ins  
sq, with marked stones, 24 ins in  
the ground, for  $\frac{1}{4}$  sec or marked  
 $\frac{1}{4}$  S 22 on W, and S 23 on E faces,  
from which a mesquite, 3 ins diam,  
bears S 69° E, 58 lbs dist, marked  
 $\frac{1}{4}$  S 23, B. 7.A mesquite, 4 ins diam, bears West,  
130 lbs dist, marked  $\frac{1}{4}$  S 22, B. 7.

43.00 Road, bears N westerly and S westerly

8.00 Set a limestone 18 x 10 x 10 ins, 120 ins  
in the ground, for each of sees

Subdivision of S. 21, R. 21, E. - Continued  
Chains

14, 15, 22 and 23, marked with 3 notches  
on S and 2 notches on E sides; dig  
pits 18x18x12 in, in each sec, 5 ft  
ft deep, and raise a mound of earth  
4 ft base, 2 ft high, W of cor.

Land, level and gently rolling.

Soil, generally, 2<sup>d</sup> rate.

No timber; undergrowth, mesquite,  
trout and sage.

Dense undergrowth, 8,000 lbs

N 89° 57' E, on a random line bet secs  
14 and 23.

40.00 Set trap 1/4 sec cor.

80.08 Intersect N and S line 5 blocks E of  
secs 13, 14, 23 and 24.

Placer, Perm

S 89° 55' W, on a true line bet secs  
14 and 23.



Subdivision of S<sub>2</sub>, S<sub>3</sub>, E<sub>2</sub>, E<sub>3</sub> Continued

Chronis

Over level land.

Plough done underground.

17.08 Road, brow N<sup>W</sup> easterly and S<sup>W</sup> easterly.18.08 Dry wash, 1 ch wide, course N<sup>W</sup> easterly.37.08 Dry wash, 30 lbs wide, course N<sup>W</sup> easterly.

40.04 Set a redwood post, 3 ft long, 4 ins  
 sq, with marked steel, 24 ins in the  
 ground, post are on, marked  $\frac{1}{4}$  S 14  
 on N and 23 in S face; dig pits  
 18 x 18 x 12 ins, E and W of post, 3 ft dist,  
 and raise a mound of earth  $3\frac{1}{2}$   
 ft base,  $1\frac{1}{2}$  high, N of cor.

43.65 Road, brow N<sup>W</sup> easterly and S<sup>W</sup> easterly.44.18 Dry wash, 30 lbs wide, course N<sup>W</sup> easterly.55.64 Road, brow N<sup>W</sup> easterly and S<sup>W</sup> easterly.80.08 M<sup>g</sup> on of ores 14, 15, 22 and 23.

Subdivision of S. 21, S. R. 21, E. - Continued

Chains

Land, level.

Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> rates.

No timber, undergrowth, mesquite,  
grass and sage and tracts.  
Dense undergrowth, sec 8 chs.

No. 11, lat sec 14 and 15.

Over rolling land.

Through dense undergrowth.

23.30 Dry wash, 100 lbs wide, course N & S, stony.

25.00 Center of draw, 3 chs wide, course N  
& S, stony.

40.00 Set a redwood post, 3 ft long, 4 ins  
sq, with marked stones, 24 ins in the  
ground, four are on, marked  $\frac{1}{4}$  S 15  
on W, and S 14 on E faces; dig  
pits 18 x 18 x 12 ins, N and S of post,  
3 ft dia,  
and raise a mound of earth, 3 1/2 ft  
base, 1 1/2 ft high, W of post.

## Subdivision of Sec 5, R. 21 E - Continued

Chains

67.15 Road, bears N. easterly and S. westerly.

75.43 Road, bears N. easterly and S. westerly.

80.00 Set a limestone 18 x 12 x 8 ins, 12 ins  
in the ground, face of sec 10, 11,  
14 and 15, marked with 4 notches on S  
and 2 notches on E edges; dig pits  
18 x 18 x 12 ins, in each sec, 5 ft deep,  
and raise a mound of earth 4 ft  
base, 2 ft high, W of cor.  
Land, rolling.

Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> rate.No timber; undergrowth, mesquite,  
bursa and sage.

Dense undergrowth, 8000 lbs

N 8955 E, near random line bet  
secs 11 and 14.40.00 Set temp<sup>l</sup> in sec cor.

80.00 Put over 11 and S line 8 lbs S of

Subdivision of Sec 11, 12, 13 & 14 - Continued  
Chains

Cor of secs 11, 12, 13 and 14.

Named Point

S 89° 52' W on a true line bet secs  
11 and 14.

Over rolling land.

Through dense undergrowth.

29.60 Road to Parkbank, bear N westerly  
and S westerly.

31.90 Road, bear N westerly and S westerly.

38.90 Road, bear N westerly and S  
westerly.

40.00 Set a redwood post, 3 ft long, 4 ins  
sq, with marked stone, 24 ins in the  
ground, for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  S  
in N and 14 in S faces; dig pits  
18x18x12 ins, 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 base, N of cor;  
and descend.

## Subdivision of S. 21, E. 21, E. Continued

Chain	
41.00	Foot of descent, and water draw, course N. easterly.
45.70	Dry wash, 30 chs wide, course N. easterly
49.00	Dry wash, 3 chs wide, course N. easterly.
57.00	Grass draw,
72.15	Road, bears N. easterly and S. westerly.
73.50	Road, bears N. easterly and S. westerly.
8000	The cor of secs 10, 11, 14 and 15. Land, level and rolling. Soil, sandy and gravelly; 2' sand & 3' water. No timber; undergrowth, mosquito, sage, tussock and grass weed. Some undergrowth, 800 chs.
	N. 001' W, bet secs 10 and 11. Over level and rolling land.

Subdivision of S. 21, R. 2, E. - Continued  
 Chain

- Through dense undergrowth.
- 5.00 Enter chain course N. & S. 21, R. 2, E.
- 27.00 Cross corner.
- 40.00 Set a railroad post, 3 ft long, 4 ins sq, with marked stone 24 ins in the ground for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  S 10 on W and S 11 on E faces, dig pits 18 x 13 x 12 ins, N and S of post, 3 ft dist, and raise a mound of earth  $3\frac{1}{2}$  ft base, 12 ft high W of cor.
- 8.00 Enter at W. leg of the San Juan de las Biquillas of Negales Private Land Grant at a point from which the S.W. cor of grant bears S. 100° E. 20.00 chs dist.
- Set a sandstone 18 x 12 x 6 ins, 12 ins in the ground, for closing cor of sec 8, 10 and 14, marked CC on S,

Subdivision of Sec. 4, Sec. 8 - Continued

Chains

S. J. D. B. Y. N. on N, with 5 corners  
on S and 2 corners on E faces;  
dig pits 24 x 18 x 12 ins. crosswise on  
each line NW and SE, 8 ft and S  
of stave 7 ft dist, and raise a  
mound of mott 4 ft base, 2 ft  
high, S of m.

Land, land and reeking.

Soil, gravelly; 2 d. and 3 d. water.

No timber; undergrowth, sage  
and mesquite.

Dense undergrowth, 8000 lbs.

November 14, 1901.

November 15, 1901. At 8<sup>h</sup> 10<sup>m</sup> am, lat,  
I set off 31° 33' on the lat arc, 18° 25' 8"  
on the decl arc, and determine a  
true meridian with the solar  
at the eve of sves 3, 4, 33 and 34

Subdivision of S 21 S. R 21 E - Continued  
 Chains

on the S bdy of the Sp. as here-  
 before described.

Minor Point

1100' N, bet 1900 33 and 34.

Over level land.

Through dense undergrowth.

- 13.00 Center of chain, 2 chs wide, course N  
 & easterly.
- 18.50 Dry wash, 15 lbs wide, course N & easterly.
- 19.95 Road, bears N & easterly and S & westerly.
- 40.00 Set a red wood post, 3 ft long, 4 ins  
 sq, with marked stone, 24 ins in  
 the ground, for  $\frac{1}{4}$  sec cor, marked  
 33 on W and 34 on E faces; dig  
 pits 18 x 15 x 12 ins, N and S of post,  
 3 ft dist, and raise a mound of  
 earth  $3\frac{1}{2}$  ft base,  $1\frac{1}{2}$  ft high, W  
 of cor.
- 42.30 Road to Reilly's, bears N & easterly



Submission of S<sub>21</sub>, S<sub>22</sub>, E - Continued

Chain

and S westerly.

71.70 Dry run, 30 chains, course N westerly

73.00 Centre of area, 4 ch wide, course N  
easterly.

74.00 Loose lava underground, bears 2<sup>d</sup>  
easterly and S westerly.

80.00 Set a granite stone, 18 x 10 x 6 ins, 1.2 ins  
in the ground, for cor of sec 28, 29,  
33 and 34, marked with 1 notch on  
S and 3 notches on E edges, from  
which a measure, 4 ins diam,  
bears N 8° E, 131½ lbs dist, marked  
S<sub>21</sub>S, N<sub>21</sub>E.

S<sub>24</sub> 13.7'; dig pits 18 x 18 x 1.2 ins, in  
sec 28, 33 and 34, 5½ ft dist, and  
raise a mound of earth 4 ft base,  
2 ft high, W of cor.

Bound level.

Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> rates.

No timber; underground, no granite.

Subdivision of P<sub>21</sub> of R<sub>21</sub>E - Continued  
 Chains

tract, sage and grassm<sup>o</sup>s.  
 Run<sup>s</sup> underground, 4,000 chs

Cast on a random line bet sees  
 27 and 34.

4,000 Set temp  $\frac{1}{4}$  see cor.

8,000 Put on a H and S line 7 chs S  
 of cor of sees 26, 27, 34 and 35.

Place Run<sup>s</sup>

8,907 W on a true line bet sees 27  
 and 34.

Over rolling land.

Plough & Run<sup>s</sup> underground.

4,000 Set a red wood post, 3 ft long, 4 ins  
 sq, with marked stone, 24 ins in the  
 ground, for  $\frac{1}{4}$  see cor, marked  $\frac{1}{4}$  S & E  
 on H and S 34 on S face; dig pits  
 18 x 18 x 12 ins, E and W of post, 3 ft  
 dist, and raise a mound of earth

Subdivision of S 21 S, R 21 E - continued

Chains

3 1/2 ft base, 1 1/2 ft high, N of cor.

52.00 Wood, 20 lbs wide, course N

54.70 Road, brass N easterly and S westerly

59.00 Center of drain, 5 chs wide, course N

easterly.

80.04 Sth cor of sec 27, 28, 33 and 34.

Ground, rolling.

Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> rate.

No timber; undergrowth, mesquite,  
tesota, sage and grasswood.

Drain undergrowth, 80.04 chs.

N 02' W, but sec 27 and 28.

Over level land.

11.00 Dry wash, 20 lbs wide, course N

easterly.

12.00 Center of drain undergrowth, brass

N easterly and S westerly.

24.00 Center of every drain, 3 chs wide, course

Subdivision of S. 1, R. 2, E. 21, Contiguous  
Chains

- 1/2 rasterly.
- 27.00 Round, brass 1/2 rasterly and 3  
notches.
- 4.000 Set a granite stone, 18 x 8 x 8 ins, 12 ins  
in the ground, for 1/4 sec cor,  
marked 1/4 28 on W, and 27 on E  
faces; dig pits, 18 x 18 x 12 ins, N and  
S of <sup>Stone</sup> ~~post~~, 3 ft dist, and raise a  
mound of earth 3 1/2 ft base, 1 1/2 ft  
high, W of cor.
- 8.000 Set a granite stone 18 x 8 x 8 ins, 12  
ins in the ground, for cor of secs  
21, 24, 27, and 28, marked with 2  
notches on S and 3 notches on E  
edges; 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.  
Sand, level and rolling.  
Soil, gravelly; 2 S and 3 notches.

## Subdivision of Sec 5, P. 1, E. - Continued

Chains

No timber, undergrowth, trees and  
sage.

Dense undergrowth, 68.00 chs.

N 89° 57' E on a random line bet  
secs 22 and 27.44.00 Set trap  $\frac{1}{4}$  sec cor.79.84 Intersect N and S line 5 lbs N of  
cor of secs 22, 23, 26 and 27.

Mirror Beam

S 89° 59' W, on a true line bet secs  
22 and 27.

Over level and rolling land.

Through dense undergrowth.

9.10 Dry wash, 120 lbs wide, course N easterly.

20.80 Dry wash, 70 lbs wide, course N easterly

23.10 Road, base N easterly and S westerly

39.92 Set a pine post, 3 ft long, 4 ins sq,  
with marked stum, 24 ins in the

Subdivision of Sec 5, R 21 E - Continued  
Chairs

ground for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  sec  
on N and S 27 on S face, dig pits  
18x18x12 ins, E and W of post, 3 ft  
dist, and raise a mound of earth  
3 $\frac{1}{2}$  ft long, 1 $\frac{1}{2}$  ft high, N of cor.  
79.84 The cor of secs 21, 22, 27 and 28.  
Good level and rolling.  
Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> rates.  
No timber, undergrowth, mesquite,  
prairie and sugar.  
Dense undergrowth, 79.84 chs.

Near W, bet secs 21 and 22.  
Over gently rolling land.  
Through dense undergrowth.  
26.00 Dry wash, 160 lbs wide, course N easterly.  
40.00 Set a vertical post, 3 ft long, 4 ins  
sq, with marked stone, 24 ins in  
the ground for  $\frac{1}{4}$  sec cor, marked

## Subdivision of S 21 S, R 21 E - Continued

Chambers  $\frac{1}{4}$  S 21 on W and S 22 on E faces; dig pits 18x18x12 ins, N and S of post, 3 ft dist, and raise a mound of earth 3 1/2 ft base, 1 1/2 ft high, W of cor.

5000 Center of draw, 4 chs wide, corner N easterly.

8000 Set a red iron post, 3 ft long, 4 ins sq, with marked stone, 20 ins in the ground, for cor of uses 15, 16, 21 and 22, marked

R 21 S, S 15 on NE,

R 21 E, S 22 on SE

S 21 on SW and

S 16 on NW faces; with 3 notches on S and E edges; dig pits 18x18x12 ins, in each use, 5 ft dist, and raise a mound of earth 4 ft base, 2 ft high, W of cor.

## Subdivision of S 21 S, R 2 E, T 2 N - continued

Chains

Sand, gritty rolling.

Soil, gravelly; 2<sup>nd</sup> and 3<sup>rd</sup> strata.No timber; undergrowth, bract  
and sages.

Dense undergrowth, 8,000 lbs.

November 15, 1901.

N 89° 59' E, on a random line bet  
secs 15 and 22.

4000 Set trap 4 sec on.

79.80 Intersect N and S line 3 lbs N  
of cor of secs 14, 5, 22 and 23.

Shaner Point

West on a true line bet secs 15  
and 22.

Over level land.

Through dense undergrowth.

23.80 Dry wash, 60 lbs wide, course S  
easterly.



Subdivision of Nos. S, R, E - Continued

- 37.80 River above wash, 50 lbs wide,  
course N easterly.
- 38.00 Dry wash, 50 lbs wide, course N  
easterly.
- 39.90 Set a wooden post, 3 ft long, 4 ins  
sq, with marked stone, 24 ins in the  
ground, for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  S 16  
on N and S 22 on S face; dig pits  
18 x 18 x 12 ins, E and W of post, 3 ft  
dist and raise a mound of earth  
3  $\frac{1}{2}$  ft base, 12 ft high, N of cor.
- 49.80 The cor of secs 15, 16, 21 and 22.  
Land, 1 ac.  
Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> rate.  
No timber, undergrowth, tussock,  
sage and mosquito.  
Dana undergrowth, 49.80 chs.

Notes, but secs 15 and 16.

Subdivision of S 21 S, R 21 E - Continued  
Chains

- Over level and rolling land.  
Through dense undergrowth.
- 15.00 Center of draw, 2 chs wide, course  
easterly.
- 20.72 Branch bears N easterly and S  
westerly.
- 40.00 Set a redwood post, 3 ft long, 4 ins  
sq, with marked stone, 24 ins in  
the ground, for 4 sec ea, marked  
 $\frac{1}{4}$  S 16 on W and S 15 on E faces;  
dig pits 18 x 18 x 12 ins, N and S 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 sec.
- 63.00 Descend 20 ft from mesa and  
enter broken land.
- 80.00 Set a redwood post, 3 ft long, 4  
ins sq, with marked stone, 24 ins  
in the ground, for ea of secs, 9, 10,

Subdivision of S<sub>21</sub>S, R<sub>21</sub>E - Continued

Chains

15 and 16, marked

N<sub>21</sub>S, S 10 on NER<sub>21</sub>E, S 15 on SE,

S 16 on SW and

S 9 on NW face, with 4 notches on  
S. and 3 notches on E. edges; dig pits  
18x18x12 ins, in each sec, 5 ft dist,  
and raise a mound of earth 4 ft  
base, 1 1/2 ft high, W of cor.

Ground level, rolling and broken.

Soil, gravelly and calcareous; 2<sup>d</sup>,  
3<sup>d</sup> and 4<sup>th</sup> rates.No timber; undergrowth, sage,  
grasswood, mesquits and tesolat.

Dense undergrowth, 8000 chs.

East on a random line bet secs 10  
and 15.

40.00 Set temp<sup>l</sup> 7 sec cor.

Subdivision of Sec 1, Res E - Continued

Chains

79.92

Intersect N and S line 21 chs S  
of cor of secs 10, 11, 14 and 15.

Turner S. 11111

S 89° 51' W, on a true line bet secs  
10 and 15.

Over level, rolling and broken land.

Thoroughly undergrowth.

5.00

Center of draw, 2 chs wide, courses N  
westerly.

39.96

Set a redwood post, 3 ft long, 4 ins  
sq, with marked stone, 24 ins, in the  
ground, for  $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  S 10  
on N and S 15 on S faces; dig pits  
18x18x12 ins, 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.

58.00

Go and 40 ft to top of mesa, cross  
N and S, turner over level land.

60.80

Shaft, 4x6x10 ft.

## Subdivision of Nos. 1, 2, &amp; 3 - Continued

Chains

75.00 Descend from mesa 40 ft and enter broken land.

79.92 Thence of sres 9, 10, 15 and 16.

Land, level, rolling and broken.

Soil, gravelly and calcareous; 2<sup>d</sup>, 3<sup>d</sup> and 4<sup>th</sup> cuts.

No timber; undergrowth, sage,  
grass and mesquite.

Thence undergrowth, 79.92 chs.

N 002° W, bet sres 9 and 10.

Descending over broken land.

Through dense undergrowth.

31.00 Part of descent and enter rolling land.

34.50 Dry wash, 30 lbs wide, course N easterly.

40.00 Set a reduced post, 3 ft long, 4 ins sq,  
with marked stones, 24 ins in the  
ground, for  $\frac{1}{4}$  sec on, marked  $\frac{1}{4}$  S 9  
on W and S, on E faces; dig pits

Subdivision of P<sub>21</sub> S, R<sub>21</sub> E - Continued  
Chains

- 18x18x12 ins, N and S of post; 3 ft dist, and raise a mound of earth 3½ ft base, 1½ ft high, W of cor.
- 40.30 Old road, from N easterly and S westerly.
- 42.00 Dry wash, 20 lbs wide, course N easterly.
- 65.70 Dry wash, 30 lbs wide, course S easterly.
- 8.00 Set a sandstone 18x8x6 ins, 12 ins in the ground, for each of sees 8, 11, 9 and 10, marked with 5' matches on S and 3' matches on E edges; dig pits 18x18x12 ins, in each see, 5½ ft dist and raise a mound of earth 4 ft base, a ft high, W of cor.
- Band, rolling and broken.  
Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> rate.  
No timber; undergrowth, tsetse, mesquite, sage and yucca.

Subdivision of Nos 8, 16 & 21 E - Continued

chains

Dense undergrowth, 800 chs.

November 16, 1901.

N 89° 51' E on a random line bet secs  
3 and 10.

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

8.00 Put a set N and S line 16 lbs N  
of cor of secs 2, 3, 10 and 11.

Shiner Point

S 89° 58' W on a true line bet secs  
3 and 10.

Over rolling land.

Through dense undergrowth.

6.50 Dry wash, 70 lbs wide, course N  
easterly.

3.4.30 Barrows above wash, 60 lbs wide,  
course S easterly.

4.0.03 Set a limestone 18 x 12 x 8 ins, 12"  
ins in the ground, for  $\frac{1}{4}$  sec cor.

Subdivision of S 21, R 21, E - Christian  
 Grants

- marked 43 on N and 10 on S faces,  
 dig pits 18x18x12 ins, E and W of  
~~post~~ <sup>stone</sup> 3 ft dist, and raise a mound of  
 earth 3 1/2 ft low, 1 1/2 ft high, N of cor.
- 47.61 Recross above mark, 100 lbs wide,  
 course N easterly.
- 80.06 N. line of secs 3, 4, 9 and 10.  
 Good, level and rolling.  
 Soil, gravelly; 2<sup>d</sup> and 3<sup>d</sup> rates.  
 Timber; sycamore and walnut along  
 mark; <sup>misc. growth,</sup> birch, mesquite, sage and yucca.  
 Dense undergrowth, 80.06 chs.

N. line of two lines bet secs  
 3 and 4.

Over level and rolling land.  
 Through dense undergrowth.

- 40.00 Set a redwood post, 3 ft long, 4  
 ins sq, with marked stone 24



Concluded, Book 928