

T5S. R22 E 2  
CONTRACT 53.  
P. CONTZEN  
DEP. SUR  
#.

BOOK 639

*Subs.*

4-671

FIELD NOTES  
GENERAL LAND OFFICE.

639

Indexed Book 638

53

Township 53 R. 22 E

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## Subdivision of T. 5. S. R. 22 E. continued

chains

46.90 Wash 20 lks, wide, course, easterly

59.05 Wash 40 lks, wide, course northerly.

79.80 The cor of sects. 9, 10, 15 and 16.

Land Mountainous and broken

Soil, gravelly, 3<sup>rd</sup> rate.

Timber, some mesquite

Undergrowth, greasewood &amp; ocotillo.

Mts. Land 79.80 chs. Apr 9<sup>th</sup> 1900.

April 10, 1900 at 7.50 am, e.m.t.

I set off  $32^{\circ}59'$  on the lat. arc; $7^{\circ}56'$  N on decl. arc, and determine

a true meridian with the

solar at the cor. to sects. 9, 10,

15 and 16.

Thence I run

N.  $0^{\circ}02'$  W. bet. sects. 9 and 10

over broken mesa.

40.00

Set a sand stone  $22 \times 12 \times 2$  ins  
12 ins in the ground for  $\frac{1}{4}$  sec. cor.



shams.  
 Sub-division of

marked  $\frac{1}{4}$ S. 9. on W. face, 10. on  
 E. face, from which a  
 mesquite 10 ins. diam. bears  
 $S. 48\frac{1}{2}^{\circ} E$  256 lks. dist. marked  
 $\frac{1}{4}$ S. 10. B.T. a Tesolā 4 ins. diam.  
 bears  $S. 8\frac{1}{4}^{\circ} W$ . 159 lks. dist.  
 marked  $\frac{1}{4}$ S. 9. B.T.

76.60 Enter Goodwin Valley, bears Easterly  
 and enter mesquite & Tesolā  
 timber and undergrowth.

79.00 Wood road bears NE and S.W.

79.00 Get a conglomerate rock 18x12x6  
 ins. 12 ins. in the ground for  
 witness cor. to cor. of secs.  
 3, 4, 9 and 10. marked W.C.  
 with 5 notches on S. and 3 notches  
 on E. edges, from which  
 a mesquite 12 ins. diam. bears  
 $N. 48\frac{1}{2}^{\circ} E$ . 42 $\frac{1}{2}$  lks. dist. marked

## T. 5. S. R 22 E, continued

chains

W.C. T. 5. S. R 22 E. S. 3. B.T.

a mesquite 10 ins. diam. bears  
S 61½° E, 47 lks. dist. marked

W.C. T. 5. S. R. 22 E. S. 10. B.T.

a mesquite 12 ins. diam. bears  
S 45° W, 4 lks. dist. marked

W.C. T. 5. S. R. 22 E. S. 9. B.T.

a mesquite 8 ins. diam. bears  
N 35½° W, 121 lks. dist. marked

W.C. T. 5. S. R 22 E. S. 4. B.T.

80.00 Cor. point falls in wash, 50  
lks. wide, course Easterly.

Sand Mountainous, broken  
and level.

Soil, gravelly, 2<sup>nd</sup> & 3<sup>rd</sup> rate  
Timber, some mesquite & Tesota  
undergrowth, greasewood  
mesquite & Tesota  
Mountainous Land 7660 chs

## Subdivision of

chains.	
1.00	Wash 20 lks. wide, course Easterly
9.50	Enter flat bears Easterly
15.00	Leave flat bears Easterly
25.00	Enter flat bears S Easterly
25.50	Road to Turnbull mines, bears N Westerly & S Easterly
40.12	Set a Granite stone 18x8x8 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$ S. 4. on W. face 3. on E. face, from which a Tiesota 10 ins. diam. bears S 8° E. 53 lks. dist. marked $\frac{1}{4}$ S. 3. B.T. a mesquite 6 ins. diam. bears N 81 $\frac{3}{4}$ ° W. 200 lks. dist. marked $\frac{1}{4}$ S. 4. B.T.
40.50	Leave flat; ascend
43.30	Top of ridge bears NE & W.
46.25	Enter Goodwin Valley bears NEasterly
46.60	Goodwin wash. 50 lks. wide, bears



## T. 5. S. R. 22 E. continued

chains

Easterly

49.00 Road to Camp Goodwin bears  
NE. and SW; enter dense  
undergrowth

57.00 Wash 40 yds. wide, course Easterly

79.70 Enter wash course Easterly

80.12 The Cor. point of secs. 2, 3, 9 & 10.

Land level & rolling

Soil, 1<sup>st</sup> 2<sup>nd</sup> & 3<sup>rd</sup> rate.

Timber, Mesquite, Tesolá and  
Sycamore,

Undergrowth, mesquite & Tesolá

Land covered with dense undergrowth

31.12 chs.

N 0° 02' W. bet secs. 32. and 33

Descending

5.50 Gulch 10 yds. wide, course N. Westly;  
ascend

## Subdivision of

chains.

23.50

Top of high ridge bears NW  
and SE

40.00

Set a sand stone  $18 \times 12 \times 8$  ins.  
12 ins. in the ground for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  S 32 on  
W. face, 33 on E. face, and  
raised a mound of stones  
 $2\frac{1}{2}$  ft. base  $1\frac{1}{2}$  ft. high W. of cor.  
Pits impracticable.

51.20

Gulch 2 chs. wide, course N. Easterly

58.00

Gulch from SW. intersects with  
Gulch 2 chs N. Easterly

59.30

Wash 60 lks. wide, course NEasterly

75.30

Wash 60 lks wide, course NEasterly

80.00

Top of mesa, bears Sand W.

Set a sand stone  $18 \times 8 \times 8$  ins.  
12 ins. in the ground for cor. of  
secs. 28, 29, 32 and 33. marked  
with 1 notch on S. and 4 notches



## T. 5. S. R. 22 E, continued

chauss

on E. edges, from which  
 a mesquite 14 ins. diam. bears  
 S 41 1/2° E, 110 sks. dist. marked  
 T. 5. S. R. 22 E, S. 33, B. T. No other  
 trees within limits. dig pits  
 18x18x12 ins. in each sec. 5 1/2 ft.  
 dist. and raised a mound of  
 earth 4 ft base 2 ft. high, W. of cor.  
 Land Mountainous and rolling  
 Soil, gravelly, 2<sup>nd</sup> & 3<sup>rd</sup> rate.  
 No timber.

Undergrowth cactus

Mountainous land 57.20 chs.

East on a random line  
 bet. secs. 28 and 33.

40.00 set Temp 1/4 sec. cor.

79.72 Intersect N and S line, at cor.

to secs. 27, 28, 33 and 34.

chains.      Subdivision of

- Thence I run  
West on a true line  
between secs. 28 and 33.
- 7.50 Leave Telegraph flat, bears Northely  
and ascend over broken mesa.
- 39.00 Top of mesa; descend
- 39.86 Set a Granite stone 18x16x6 ins,  
12 ins in the ground for  $\frac{1}{4}$  sec  
cor. marked  $\frac{1}{4}$  S. 28 on N. face  
33. on S. face, from which  
a mesquite 6 ins. diam. bears  
 $N 80\frac{1}{4}^{\circ} E$  172 lks. dist. marked  
 $\frac{1}{4}$  S. 28, B.T. a mesquite  
12 ins. diam. bears  $S 47\frac{1}{4}^{\circ} W$  167  
lks. dist. marked  $\frac{1}{4}$  S. 33, B.T.
- 40.50 Enter small valley, bears NW
- 45.50 Leave small valley, bears NW.
- 48.00 Enter small valley
- 48.70 Wash 20. lks. wide, course Northely

## T. S. R. 22E, continued

chains

- 55.50 Wash 40 lks. wide, course N. Easterly  
 58.60 Leave valley and ascend  
 79.50 Top of mesa, bears N. Easterly  
 79.72 The cor. to secs. 28, 29, 32 and 33  
 Land rolling  
 Soil, gravelly, 3<sup>rd</sup> rate  
 Timber, some mesquite  
 Undergrowth, mesquite &  
 April 10, 1900

April 11, 1900 at 8. am, l.m.t.  
 I set off  $32^{\circ}56'$  on the lat. arc;  
 $8^{\circ}18'N$  on the decl. arc; and  
 determine a true meridian  
 with the solar. at the cor. of  
 secs. 28, 29, 32 and 33.

Thence I run

$N0^{\circ}02'W$ . bet. secs. 28, and 29

- 8.90 Wash 40 lks. wide, course N. Easterly



## Subdivision of

chains	
17.00	Enter Black Rock Valley, bears Easterly
19.40	Road from Opunaguma to St Thomas, bears E and W.
27.00	Black Rock Creek, 50 lks. wide, course Easterly.
32.00	Leave Black Rock Valley, course Easterly; and ascend
37.20	Enter Canyon, course S Easterly
37.50	Wash 50 lks. wide, course S. Easterly
40.00	Set a granite stone 18x8x8 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 29 on W. face 28, on E. face, from which a Tisolā 6 ins. diam. bears N $33\frac{1}{2}^{\circ}$ W. 85 lks. dist. marked $\frac{1}{4}$ S. 29, B.T. a mesquite 10 ins. diam. bears S. $9\frac{3}{4}^{\circ}$ E 109 $\frac{1}{2}$ lks. dist. marked $\frac{1}{4}$ S. 28, B.T.

## T. 5. R. 22 E. continued

chains

- 42.00 Leave canyon, course S. Easterly;  
ascend.
- 60.50 Top of high ridge, bears N W and  
S. Easterly.
- 67.20 Canyon 20 fks. wide, course S. Easterly;  
ascend
- 76.50 Top of ridge bears N W and S E.
- 79.00 Set a Granite stone 18x8x6 ins  
12 ins. in the ground for Witness  
Cor. to cor. of secs 20, 21, 28 & 29  
marked W.C. with 2 notches on S. and  
4 notches on W edges from which  
a mesquite 10 ins. diam. bears N 74 $\frac{3}{4}$ ° E  
100 fks dist. marked W.C. T 5 S.  
R 22 E, S. 21, B.T.  
a mesquite 4 ins. diam. bears N 58° W  
83 fks dist. marked W.C. T 5 S. R 22 E,  
S. 20, B.T. no other trees  
within limits. and raised a

Subdivision of  
chains

mound of stones  $2\frac{1}{2}$  ft. base  
 $1\frac{1}{2}$  ft. high, W. of cor.  
Pits impracticable.

80.00 The corner point comes in a  
wash, 20 lks. wide, course NE.  
Land level and rolling and  
mountainous  
Soil, gravelly & sandy 2<sup>nd</sup> & 3<sup>rd</sup> rate  
Timber, some mesquite  
undergrowth, scattering mesquite  
grease wood  
Mountainous land 38.00 chs.

East on a random line  
bet. secs 21 and 28.

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

79.80 Intersect N & S line 9 lks S  
of cor. to secs. 21, 22, 27 & 28  
Thence I run



T. S. P. 22 E. continued.

chains

S 89° 56' W. on a true line  
bet. secs 21 and 28.  
over broken and mountainous land.

- 0.20 Top of spur bears NE and SW.
- 3.70 Wash 20 lks. wide, course S. Easterly ;  
ascend
- 21.50 Top of mesa bears NW & SE. descend
- 21.70 Enter canyon, course S. Easterly
- 29.20 Wash 20 lks. wide, course S. Easterly
- 37.70 Leave Cañon, course S. Easterly ;  
ascend
- 39.90 Top of low ridge bears NE & SW  
Get a Granite stone 20x8x3 ins.  
14 ins. in the ground for 1/4 sec.  
cor. marked 1/4 S. 21. on N. face  
28. on S. face. from which  
a mesquite 8 ins. diam. bears  
N 16 1/2° W. 88 lks. dist. marked  
1/4 S. 21. B.T. a mesquite

## Subdivision of

chains

- 8 ins diam. bears  $S 39\frac{1}{2}^{\circ} W$   
 163 lks. dist. marked  $\frac{1}{4} S. 28. B.T.$
- 43.00 Canyon 10 lks. wide, course S Easterly
- 48.70 Canyon 10 lks. wide, course S Easterly
- 52.70 High ridge bears NW and SE.
- 57.70 Canyon 10 lks wide, course S Easterly
- 68.70 Enter Canyon, course S Easterly
- 69.50 Wash 30 lks. wide, course. Southerly
- 72.70 Canyon from NW.
- 78.90 Wash 10 lks. wide, course SE.
- 79.80 The Cor. point to secs. 20, 21, 28 & 29  
 Land level, rolling & mountainous  
 Soil, gravelly. 2<sup>nd</sup> & 3<sup>rd</sup> rate  
 No Timber  
 Undergrowth, mesquite & Teosota.  
 Mountainous land 42.10 cho.
- 
- $N 0^{\circ} 02' W$ . bet. secs 20 and 21  
 from corner point.
- 1.00 Wash 10 lks. wide, course S. Easterly

## T. S. S. R 22 E. continued

chains

- 7.20 Wash 40 lks. wide, course S Easterly
- 15.80 Wash 20 lks. wide, course S Easterly
- 20.70 Top of ridge bears NW and S.E.
- 23.50 Wash 10 lks. wide, course S Easterly
- 32.20 Top of ridge bears NW and S.E.
- 35.80 Wash 10 lks. wide, course S Easterly
- 39.60 Top of ridge bears NW & SE
- 40.00 Set a sand stone 15 x 10 x 10 ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  S. 20. on W. face, 21. on  
E. face. from which a mesquite  
6 ins. diam. bears S.  $41\frac{3}{4}^{\circ}$  E  
116 lks. dist. marked  $\frac{1}{4}$  S. 21. B.T.  
a mesquite 4 ins. diam. bears  
S  $82\frac{1}{2}^{\circ}$  W. 93 lks. dist. marked  
 $\frac{1}{4}$  S. 20. B.T.
- 44.00 Wash 10 lks. wide, course S. Easterly
- 52.00 Wash 10 lks. wide, course S. Easterly
- 62.50 Wash 10 lks. wide, course S Easterly



## Subdivision of

chains

69.50

Top of ridge bears NW and SE

75.00

Wash 5 lks. wide, course S. Easterly

80.00

Set a sand stone 18x10x8 ins.

12 ins. in the ground for cor

of secs. 16, 17, 20 and 21

marked with 3 notches on

S. and 4 notches on E. edges

and raised a mound of stones

2 1/2 ft. base 1 1/2 ft high

W. of cor. Pits impracticable.

No trees within limits

Land rolling

Soil, gravelly, 2<sup>nd</sup> & 3<sup>rd</sup> rate

Timber, some mesquite

Undergrowth, scrub mesquite

Palo Verde and nopal, cactus.

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 N 89° 56' E on a random line  
 bet. secs. 16 and 21

## T. 5. S. R. 22 E. continued

- |        |   |
|--------|---|
| chains |   |
| 40.00  | set temp $\frac{1}{4}$ sec. cor   |
| 79.70  | intersect N and S. line 9 lks N<br>of cor. to secs. 15, 16, 21 and 22<br>Thence I run<br>West on a true line bet.<br>secs. 16 and 21,<br>over rolling land.   |
| 1.00   | Wash 5 lks. wide, course S. Easterly  |
| 21.30  | Wash 60 lks. wide, course S. Easterly   |
| 39.80  | Set a Granite stone 18x10x7 ins.<br>12 ins. in the ground for $\frac{1}{4}$ sec. cor.<br>Marked $\frac{1}{4}$ S 16 on N face 21. on<br>S. face, dig pits 18x18x2 ins.<br>E & W of cor. 3 ft. dist. and raised<br>a mound of earth 3 $\frac{1}{2}$ ft base<br>1 $\frac{1}{2}$ ft. high N of cor. |
| 59.30  | Enter wash course S. Easterly   |
| 62.20  | Leave wash course S. Easterly   |
| 71.00  | Top of ridge bears NW and SE.   |

## Subdivision of

chains

79.50

Top of ridge, bears NW and SE.

79.70

The cor. to secs. 16, 17, 20 and 21

Land rolling

Soil, gravelly, 2<sup>nd</sup> & 3<sup>rd</sup> rate

No timber

Undergrowth, scrub mesquite

Kopal, cactus

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 N 0° 02' W. bet. secs 16 and 17  
 over mountainous land.

30.40

Ridge bears NW and SE; descend

37.00

Wash 40 lks. wide, course NW

38.50

Ridge bears NW. and SE

39.60

Wash 10 lks. wide, course NW.

40.00

Set a Granite stone, 18x8x8 ins.

12 ins. in the ground for  $\frac{1}{4}$  sec.cor. marked  $\frac{1}{4}$  S. 17. to W. face

16 on E face, and raised a

mound of stones 2  $\frac{1}{2}$  ft base

## T. 5. E. R. 22 E, continued

chains

- $1\frac{1}{2}$  ft. high W. of cor. Pts impracticable  
 41.00 Spur, bears westerly  
 47.00 Ridge, bears @ Easterly  
 52.50 Gulch 10 lks. wide, course N. Easterly  
 67.00 same Gulch 10 lks. wide, course N Easterly  
 80.00 Put a sand stone  $18 \times 8 \times 6$  ins  
 12 ins. in the ground for cor.  
 of secs. 8, 9, 16 & 17. marked  
 with 4 notches on S and E. edges  
 from which a scrub mesquite  
 10 ins. diam. bears S.  $66\frac{1}{2}^\circ$  E.  
 165 lks. dist. marked T 5 S, R. 22 E.  
 S 16. B. T. No other trees within  
 limits. dig pits  $18 \times 18 \times 12$  ins.  
 in each section  $5\frac{1}{2}$  ft. dist. and  
 raise a mound of earth 4 ft. base  
 2 ft. high W. of cor.  
 Land mountainous.  
 Soil, gravelly. 2<sup>nd</sup> and 3<sup>rd</sup> rate



chains

## Subdivision of

undergrowth, greasewood and  
some sotillo.

Mountainous land 80. chs.

April 11, 1900

April 12, 1900, at 7.56 am. lmt.

I set off  $32^{\circ}59'$  on the lat. arc;  
 $8^{\circ}40'N$  on decl. arc; and determine  
a true meridian with the solar  
at the cor. to secs. 8, 9, 16 and 17

Thence I run

East on a random line  
bet. secs. 9 and 16

40.00 set temp.  $\frac{1}{4}$  sec. cor.

80.24 Intersect N & S line at cor. to  
secs. 9, 10, 15 and 16.

Thence I run

West on a true line  
bet. secs. 9 and 16.

10.00 Enter flat. bears Northerly

## T. 5. S. R. 22. E. continued

chains	
14.00	Leave flat, bears northerly
19.00	Ridge bears northerly & southerly
21.90	Wash 20 lks. wide, course N. Westerly
25.75	Wash 10 lks. wide, course N. Easterly
32.70	Ridge bears northerly
37.20	Ridge bears northerly
40.02	Set a granite stone 18x8x5 ins 12 ins in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 9. on N face, 16. on S face. dug pits 18x18x12 ins. E+W of stone 3 ft dia. and raised a mound of earth $3\frac{1}{2}$ ft base $\frac{1}{2}$ ft. high N of cor.
41.00	Wash 10 lks. wide, course northerly
46.40	Ridge bears NW and SE
51.75	" " NW and SE
58.90	Ridge bears NW and SE
61.80	Wash 10 lks. wide, course N. Westerly
64.80	Ridge bears N and S
69.00	Enter flat, bears northerly

## Subdivision of

chains

79.20

Wash 10 lks. wide, course N. Easterly  
Leave flat and ascend

80.04

The cor. to secs. 8, 9, 16 & 17  
Land broken and mountainous  
Soil, gravelly. 2<sup>nd</sup> & 3<sup>rd</sup> rate  
No Lumber.  
Undergrowth, acotillo, nopal  
and greasewood.

Mountainous land 65,84 cho.

N 0° 02' W. bet. secs. 8 and 9.  
descend.

3.00

Enter wash, course N. Westerly

16.00

Leave wash and enter Goodwin  
Valley, bears N. Easterly, and  
dense undergrowth.

22.50

Goodwin Wash 11 lks. wide,  
course N. Easterly.

40.00

Get a sandstone 18 x 8 x 6 ins.

## T 50. R 22 E, continued

chains

12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  S. 8. on W. face. 9. on E face. from which a Lesotā 5 ins. diam. bears  $N 67\frac{1}{4}^{\circ} E$ . 14 lks. dist. marked  $\frac{1}{4}$  S. 9. B.T. a Lesotā 5 ins. diam. bears  $S 88\frac{1}{2}^{\circ} W$ . 83 lks. dist. marked  $\frac{1}{4}$  S. 8. B.T.

- 41.30 Road to Camp Goodwin bears NE and SW; leave dense undergrowth.
- 57.00 Wash 30 lks. wide, course N. Easterly
- 59.00 Leave Goodwin Valley, bears N Easterly; ascend
- 61.00 Spur, bears E.; descend
- 62.00 Enter small valley, bears S Easterly
- 70.00 ascend
- 74.00 Top of ascent, bears NW and S.E.
- 80.00 Det a sandstone  $18 \times 8 \times 7$  ins.



chains

## Subdivision of

12 ins. in the ground for  
 cor. of secs. 4, 5, 8 and 9  
 marked with 5 notches on S.  
 and 4 notches on E. edges,  
 and raised a mound of stone  
 2 1/2 ft. base 1 1/2 ft high W. of cor.  
 Pits impracticable. No trees  
 within limits.

Land rolling and Mountainous  
 Soil, gravelly. 2<sup>nd</sup> & 3<sup>rd</sup> radi  
 Timber, mesquite & Desolā  
 Undergrowth, mesquite & Leorta  
 Land mountainous and covered  
 with dense undergrowth, 80. chs.

East on a random line  
 bet. secs 4 and 9.

40.00 set temp 1/4 sec. cor.

79.80 Intersect N 98 line 23 chs S

## T. 5. 0. R. 22 E. continued.

chains

of cor. to secs. 3, 4, 9 &amp; 10

Thence I run

S.  $89^{\circ}50'W$  on a true line  
bet. secs. 4 and 9.

Through dense undergrowth.

0.60 Leave wash

32.80 Goodwin wash 30 lks. wide course NE.

39.40 Road to Camp Goodwin bears  
NE and SW.39.90 Met a granite stone  $18 \times 8 \times 6$  ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec.  
Cor. marked  $\frac{1}{4}$  S. 4. on N. face  
9. on S. face from which  
a Jesolā 12 ins. diam. bears  
 $N54\frac{3}{4}^{\circ}W$ . 47 lks. dist. marked  
 $\frac{1}{4}$  S. 4. B.T. a Jesolā 6 ins.  
diam. bears  $S.77\frac{1}{2}^{\circ}W$ . 51 lks.  
dist. marked  $\frac{1}{4}$  S. 9. B.T.

40.80 Wash 10 lks. wide, course N. Easterly

## Subdivision of

chains.	
41.80	Leave dense undergrowth
44.70	Wash 20 lks. wide, course N. Easterly
45.00	Leave Goodwin Valley, bears N. Easterly
51.80	
58.00	Enter mesa
61.70	Wash 10 lks. wide, course N. Easterly
74.60	Wash 10 lks. wide, course S. Easterly
79.80	The cor. to secs 4, 5, 8 and 9.
	Land level and rolling
	Soil gravelly 1 <sup>st</sup> & 3 <sup>rd</sup> rate
	Timber, some mesquite, Tesota
	and sycamore,
	Undergrowth Tesota & mesquite
	Land covered with dense
	undergrowth, 38, chs
	<hr/>
	N <sup>o</sup> 02' W on a random line
	bet. secs. 4 and 5
40.00	set temp. 1/4 sec cor.

## T. 5. S. R. 22 E. continued.

chains

- 80.00 intersect N. bdy. of Sp. 4 lks  
W. of cor. to secs. 4 & 5.  
Thence I run  
South, on a true line  
bet. secs. 4. and 5.  
over rolling land
- 0.12 Wash 20 lks wide, course
- 2.75 Road from Turnbull mines  
bears NW and SE.
- 8.00 Wash 10 lks. wide, course, S. Easterly
- 11.00 Wash 11 lks. wide, course S. Easterly
- 39.50 Enter wash course S Easterly
- 40.00 The point for  $\frac{1}{4}$  sec. cor. falls in  
wash
- 42.10 Leave wash, course S Easterly
- 43.00 Set a Quartzite stone 18x8x6 ins.  
12 ins in the ground for witness  
cor. to  $\frac{1}{4}$  sec. cor. Marked  
W.C.  $\frac{1}{4}$  S. 5. on N. face, 4. on E face



chains      Subdivision of

- dig pits 18x18x12 ins. N and S.  
of cor. 3 ft dist. and raised a mound  
of earth 3 1/2 ft base 1/2 ft. high  
W. of cor.
- 48.50 Enter wash, course S Easterly
- 54.00 Leave wash, course S. Easterly
- 56.50 Wash 30. lks. wide, course Easterly
- 59.00 Ridge bears E and W.
- 67.40 Wash 10 lks. wide, course, Easterly.
- 75.50 Ridge bears S and W.
- 80.00 The cor. to secs. 4, 5, 8 and 9  
Land rolling and mountainous  
Soil, gravelly. 3<sup>rd</sup> rate  
No timber  
Undergrowth, greasewood & Palo Verde

April 12, 1900

April 13, 1900 at 9 am, l. m. t.  
I set off 32° 56' on the lat. arc;  
9° 03' N on decl. arc, and determine

## T. 50. R. 22 E. continued

chains.

a true meridian with the solar at the cor. of secs. 31 and 32 on the S. bdy. of the Twp. Thence I run

$N0^{\circ}03'W.$  bet. secs. 31 and 32 over broken mesa land; ascending.

10.50 Top of ascent, near E & W; descend gradually over mesa

40.00 Set a Granite stone  $18 \times 12 \times 5$  ins. 12 ins in the ground for  $\frac{1}{4}$  sec. cor. Marked  $\frac{1}{4}$  S. 31. on W. face, 32. on E face, from which a Palo Verde 5 ins. diam. bears  $S. 7\frac{1}{2}^{\circ}E.$  276 lks. dist. marked  $\frac{1}{4}$  S. 32. B. T. No other tree within limits.

raised a mound of stones  $2\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

57.00 descend from mesa, bears NE & SW.

63.00 Enter Black Rock Valley, course NE & SW.

Sub-division of

chains

69.90

Road to Jacksons mines, bears  
NW and SE.

80.00

Set a Sand Stone  $24 \times 15 \times 10$  ins  
17 ins in the ground for cor.  
of secs. 29, 30, 31 and 32, marked  
with 1 notch on S, and 5 notches  
on E, edges, from which  
a Sycamore 20 ins, diam, bears  
 $N 36\frac{1}{4}^{\circ} E$ , 139 lks, dist, marked  
T5S, R 22E, S. 29, B.T.

A mesquite 7 ins, diam, bears  
 $S 8\frac{1}{4}^{\circ} E$ , 247 lks, dist, marked  
T5S, R. 22E, S. 32, B.T.

A mesquite 8 ins, diam, bears  
 $S 36^{\circ} W$ , 148 lks, dist, marked  
T5S, R 22E, S. 31, B.T.

a Tesolā 6 ins, diam, bears  
 $N 21\frac{1}{2}^{\circ} W$  200 lks, dist, marked  
T5S, R. 22E, S. 30, B.T. and raise

## T. 5. S. R. 22 E. continued

chains

a mound of stones  $3\frac{1}{2}$  ft. base  
3 ft. high. W. of cor.

Land level and rolling

Soil gravelly, 2<sup>nd</sup>, 3<sup>rd</sup> rate

Timber, some Mesquite & Tesolā  
in valley

Undergrowth, Tesolā and mesquite

Mountainous land 10.50 cho.

East, on a random line  
bet. secs. 29 and 32.

40.00 set temp.  $\frac{1}{4}$  sec. cor.

80.00 Intersect N and S line, at cor. to  
secs. 28, 29, 32 and 33.

Thence I run

West on a true line  
bet. secs. 29, and 32

Over broken mesa.

22.80 Enter canyon, course northerly



## Subdivision of

- 23.00 Wash 30 lks. wide, course northerly
- 27.70 Leave canyon, course northerly
- 30.40 Enter canyon, course northerly
- 33.00 Leave canyon, course northerly
- 40.00 Set a sand stone 18 x 14 x 8 ins., 12 ins.  
in the ground for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  S. 29, on N face, 32, on  
S. face, from which  
a mesquite 8 ins. diam. bears  
N  $11\frac{1}{2}^{\circ}$  E, 70 lks. dist. marked  
 $\frac{1}{4}$  S. 29, B.T.  
a mesquite 10 ins. diam. bears  
S.  $63^{\circ}$  W, 54 lks. dist. marked  
 $\frac{1}{4}$  S. 32, B.T. raise a mound  
of stones  $2\frac{1}{2}$  ft base,  $1\frac{1}{2}$  ft. high, N.  
of cor.
- 40.50 Jacksons House, 2 chs. N.
- 41.50 Jacksons corral and Pump  
2.50 chs. N; enter Black Rock

## T. S. R. 22 E. continued

chains

Valley, course Easterly

42.00 Enter dense *Tesota* & mesquite  
undergrowth

63.50 Lewis' House, 3 chs. S.

80.00 The cor. of secs. 29, 30, 31 & 32.  
Land level, rolling, and broken  
Soil, sandy & gravelly, 1<sup>st</sup> & 3<sup>rd</sup> rate.  
Timber, mesquite & *Tesota*  
Undergrowth, mesquite, *Tesota*  
*nopal*, cactiWest, on a random line  
bet. secs. 30 and 3140.00 set temp.  $\frac{1}{4}$  sec. cor.79.96 Intersect the W. bdy. of Twp.  
3 lks. S. of cor. to secs 30 and 31

Thence I run

S89°59'E, on a true line  
bet. secs. 30 and 31.

## Sub-division of

chains.

1.00

Enter dense undergrowth

39.96

Get a Granite stone, 18x12x8 ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec.Cor. marked  $\frac{1}{4}$  S. 30. on N face,  
31 on S. face, from whichA mesquite 6 ins diam. bears  
S  $11\frac{1}{2}^{\circ}$  W. 68 lks. dist. marked $\frac{1}{4}$  S. 31. B.T.A mesquite 6 ins. diam. bears  
N  $49\frac{1}{4}^{\circ}$  W. 27 $\frac{1}{2}$  lks. dist. marked $\frac{1}{4}$  S. 30. B.T.

53.50

Black Rock Creek, 70 lks. wide  
course N Easterly

60.50

Road from Spenaguma to  
St Thomas, bears N Easterly and  
S. Westerly

79.96

The cor. to secs 29, 30, 31 and 32  
Land levelSoil, gravelly, 1<sup>st</sup> & 2<sup>nd</sup> date

## T. 50, R 22 E, continued

chauss

Timber, mesquite, Tesolā  
 Pycamore ash,  
 Undergrowth, mesquite & Tesolā  
 Land covered with dense  
 undergrowth. 79.00 chs.

N 0° 03' W. bet. secs. 29. and 30  
 In Black Rock Valley.

- 3.00 Road from Openaguma to  
 Ft Thomas bears E & W
- 4.50 Black Rock Creek, 30 fks wide,  
 course Easterly
- 5.00 Leave Black Rock Valley and  
 ascend steep bank
- 10.10 Edge of mesa; top bears E & W;  
 Thence rolling & mountainous  
 land.
- 15.10 Wash 10 fks wide, course Easterly
- 23.00 Wash 100 fks wide, course S Easterly



## Subdivision of

chains

- 40.00 Set a Sandstone 18x10x10 ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec.  
Cor. marked  $\frac{1}{4}$  S. 30. on W. face  
29. on E. face. and raised a  
mound of stones 2 $\frac{1}{2}$  ft. base  
1 $\frac{1}{2}$  ft. high W. of cor. Pits  
impracticable.
- 41.50 Top of ridge bears E & W; descend
- 51.10 Enter Canyon, course S. Easterly
- 51.70 Road from Goodwin Valley to  
Black Rock Valley, bears NW & SE
- 53.00 Leave Canyon, course S. Easterly
- 70.00 Gulch 4 lks. wide, course S. Easterly;  
ascend
- 74.00 Top of ridge, bears NE and SW.
- 75.00 Wash 5 lks. wide, course Easterly
- 79.50 Wash 10 lks. wide, course S. Easterly
- 80.00 Set a Sandstone 18x8x8 ins.  
12 ins. in the ground for cor

## T5S. R22E, continued

chains,

of secs. 19, 20, 29 and 30,  
marked with 2 notches on S,  
and 5 notches on E, edges.

from which

a mesquite 5 ins. diam. bears  
N31 $\frac{3}{4}$ ° W. 28 lks. dist. marked  
T5S. R22E. S. 19. B.T. No other  
trees within limits. dig pits  
18x18x12 ins. in each sec. 5 $\frac{1}{2}$   
ft. dist. and raised a mound  
of earth 4ft base, 2ft. high  
W. of cor.

Land mountainous and level  
Soil, gravelly, 2<sup>nd</sup> & 3<sup>rd</sup> rate  
Timber. Pycnanon, mesquite  
& Tesolá in Black Rock Valley.  
Undergrowth, Palo Verde, ocotillo  
& nopál.

Mountainous land 75. chs.

April 13, 1900.

## Subdivision of

chains

April 14, 1900. at 8.30 am. Lmt.  
 Set off  $32^{\circ}57'$  on the lat. arc;  
~~2000~~  $9^{\circ}24'N$  on the decl. arc; and determine  
 a true meridian with the solar  
 at the cor. to secs. 19, 20, 29 & 30.

Thence I run

East, on a random line  
 bet. secs. 20 and 29,

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

80.00 Intersect N & S. line at cor. to  
 secs. 20, 21, 28 & 29

Thence I run,

West, on a true line  
 bet. secs. 20 and 29,

ascending

8.30 Top of ridge, bears NW. and SE.  
 15.50 Enter Canyon, course S Easterly  
 17.50 Wash 40 yds. wide, course S. Easterly  
 20.00 Leave Canyon, course S Easterly

## T. 5. S. R. 22 E. continued

chains

- 25.50 Wash 30 lks. wide, course S. Easterly.
- 36.50 Enter canyon, course S. Easterly.
- 40.00 Get a Sandstone 18x8x6 ins. 12 ins.  
in the ground for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  S. 20. on N face,  
29 on S. face, from which  
a Tesolä 5 ins. diam. bears  
N 25° W, 102 lks. dist. marked  
 $\frac{1}{4}$  S. 20. B.T.  
A Tesolä 5 ins. diam. bears  
S 60 $\frac{1}{2}$ ° W, 110 $\frac{1}{2}$  lks. dist. marked  
 $\frac{1}{4}$  S. 29. B.T.
- 41.00 Leave Canyon
- 43.00 Enter and ascend canyon
- 58.00 Leave Canyon
- 74.00 High ridge bears NW and SE;  
descend
- 80.00 The cor. to secs. 19, 20, 29 and 30  
Land mountainous



## Sub-division of

chs.

Soil, gravelly 3<sup>rd</sup> & 4<sup>th</sup> rate  
No Timber.

Undergrowth mesquite & Tesota  
mountainous land 80 chs.

$N 89^{\circ} 59' W$ , on a random line  
bet. secs. 19 and 30.

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

79.80 Intersect W. Bdy. of Twp. 11 lks  
N. of cor. to secs 19 & 30.

Thence I run

$N 89^{\circ} 56' E$ , on a true line  
bet. secs. 19 and 30,  
along N. slope of ridge.

4.00 Top of ridge bears NE & SW; descend

10.20 Gulch 50 lks. wide, course NE;  
ascend

30.00 Top of slope

33.00 descend

## T. 5. S. R. 22. E. continued

chains

36.00

wagon road from Goodwin  
Valley to Black Rock Valley  
bears NW and SE; wash  
50 lks. wide, & canyon

39.80

Set a granite stone, 18x8x6 ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  S. 20. on N face,  
30. on S face, from which  
a mesquite 6 ins. diam. bears  
N  $83\frac{1}{2}^{\circ}$  W. 207 lks. dist. marked  
 $\frac{1}{4}$  S. 20. B.T.

A mesquite 5 ins. diam. bears  
S  $41\frac{1}{2}^{\circ}$  W. 242 lks. dist. marked  
 $\frac{1}{4}$  S. 30. B.T.

44.00

Leave canyon

79.40

wash 5 lks. wide, course S. Easterly

79.80

The cor. to secs. 19, 20, 29 and 30.  
Land mountainous.  
Soil gravelly, 3<sup>rd</sup> rate

## Subdivision of

chains

Timber, scrub mesquite, Texas  
 Undergrowth, nopal & yucca  
 Mountainous land 79.80 chs.

N 0° 03' W. bet sec. 19 and 20  
 over mountainous land  
 ascending.

5.00 Top of high ridge, bears NWesterly  
 & SEasterly; descend

10.00 Canyon 20 fks. wide, course  
 Easterly; ascend

15.00 Top of high ridge bears E and  
 W; descend

22.00 Canyon 8 fks. wide, course NWesterly

40.00 Set a sand stone 18 x 12 x 6 ins.  
 12 ins. in the ground for  $\frac{1}{4}$   
 sec. cor. marked  $\frac{1}{4}$  S. 19, on  
 W. face, 20. on E face, and  
 raised a mound of stones

## T. 5. S. R. 22. E. continued

chains

2½ ft. base, 1½ ft. high, W. of  
Cor. Pits impracticable

- 50.00 Wash 60 lks. wide, course NW  
57.20 High ridge bears E & W  
63.10 Canyon 10 lks wide, course Westwardly  
68.00 High ridge bears E and W; descend  
74.00 Wash 10 lks. wide, course Westwardly  
77.00 Top of high ridge, bears NW & SE  
80.00 Set a Granite Stone 18 x 8 x 8 ins.  
12 ins. in the ground for Cor.  
of secs. 17, 18, 19 and 20.  
marked with 3 notches on  
S. and 5 notches on E. edges  
from which  
a Cedar, 24 ins. diam. bears  
S 36° E, 190 lks. dist. marked  
T. 5. S. R. 22 E. S. 20, B. T.  
a Cedar, 24 ins diam. bears  
S 76¾° W 102 lks. dist. marked



Subdivision of  
chains

T. 5 S, R. 22 E, S. B. T.

no other trees within limits  
and raised a mound of  
stones 2½ ft. base, 1½ ft. high  
W. of cor. Pits impracticable.

Land mountainous

Soil, gravelly, 3<sup>rd</sup> rate

No timber except a few  
cedars.

Undergrowth, scattering *Tesota*,  
*Yucca* and nopal.

Mountainous land 80. chs.

East, on a random line  
bet. secs. 17 and 20.

40.00 Set. Temp. ¼ sec. cor.

79.91 Intersect N & S. line at cor. to  
secs. 16, 17, 20 & 21.

Thence I run

## T. 5. N. R. 22 E, continued

chain.

West, on a true line  
bet. secs. 17 and 20  
over mountainous land  
ascending.

- 5.00 Ridge bears NW & SE  
12.00 Wash 30 lks. wide, course N Westwly  
29.00 Ridge bears NE & SW  
34.00 Canyon 20 lks. wide, course N Westwly  
39.95½ Set a Granite stone 18x8x6 ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  S. 17 on N. face  
20. on S. face.  
Set 9 pits 18x18x12 ins. E and W  
of cor. 3 ft. dist. and raised a  
mound of earth 3½ ft. base  
1½ ft high N of cor.  
45.00 Top of ridge bears N and S.  
49.70 Canyon 8 lks. wide, course Northwly;  
ascend.

Subdivision of T53 R22E, continued  
chains

- 53.00 Top of ridge, bears N and S.
- 57.00 Canyon 100 lks wide, course northerly
- 61.25 High ridge, bears northerly and southerly.
- 63.50 Wash 8 lks wide, course N. Westerly
- 72.25 High ridge, bears N. & S Easterly
- 79.91 The cor. to secs. 17, 18, 19 and 20  
Land mountainous  
Soil, gravelly, 3<sup>rd</sup> rate  
No Timber,  
Undergrowth, nopal  
Mountainous Land 79.91 chs.

April 14, 1900.

Concluded, Book 640.