

Copied

Book No. 25

P. 1

BOOK 1078

No. 1078

# Field Notes

OF THE SURVEY OF THE

*Subdivision lines*

No. 1078

-OF- BOOK 1078

Township *22 N.* Range *5 W.*

Gila and Salt River Base and Meridian

ARIZONA.

By *J. J. Smith* D.S.

Under contract dated *July 24* 18*78*

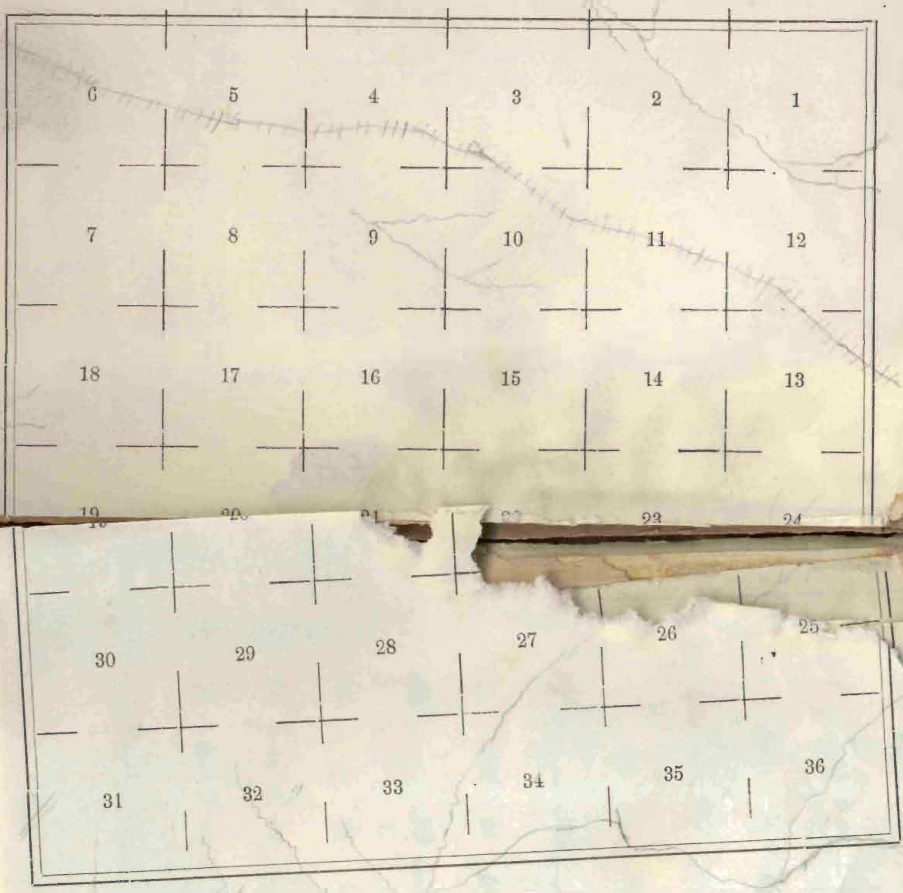
Survey commenced *Dec. 9th* 18*78*

Survey completed *Dec. 15th* 18*78*

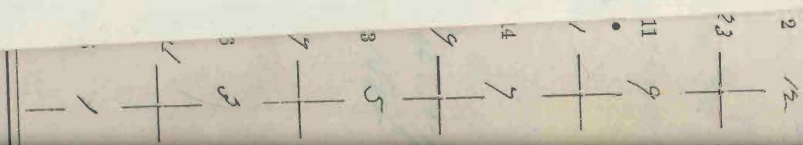
No. 1078

8707

Township *22 N* Range *5 West M.*



**BOOK 1078**



North Range 5 West M.  
S. S. R. M. Arizona

	64	5	48	4	36	3	30	2	12	1
63	62		49		35		23		10	
	61	8	46	9	34	10	22	11	9	12
60	59		45		33		21		8	
	58	17	44	16	32	15	20	14	7	13
57	56		43		31		19		6	
10	55	20	42	21	30	22	18	23	5	24
54	53		41		29		17		4	
30	52	29	40	28	27	27	15	26	3	25
51	50		39		26		14		2	
31	44	32	38	33	25	34	13	35	1	36

For preliminary notes and  
descriptions of instruments  
used see Plate No. 1

Survey commenced Dec. 10<sup>th</sup> 1813  
" completed Dec. 15<sup>th</sup> 1813.

10 J. 22 N. R. 5 E. 3<sup>rd</sup> S. R. 711

Churix	From the Car to Sics 1-2-35+36 on the S. Bay of T <sup>o</sup> recently established by me. I once North but Sics 35+36 7 or 14° 15' E
10.00	Enter scrubby timber
30.00	Clear timber
6.00	Set a mulpais rock 13x11x5 ins in the ground for the Car. marked on N. side raised a mound of stone alongside P <sup>to</sup> impracticable
80.00	Set a mulpais rock 10x10x6 ins in the ground for the Car. to Sics 25-26-35+36 marked with 1 notch on S. E edges raised a mound of stone alongside P <sup>to</sup> impracticable. Surface rolling Soil 3 <sup>rd</sup> rate Grass good Scattering Cedar brush

T. 22 N. R. 5 W. 9<sup>th</sup> S. R. 7<sup>th</sup>

Observations

East on a random line bet Secs. 25 &amp; 36

To.  $14^{\circ} 15' E$ 

Cross Mountain ridges

40.00 Set a temporary  $\frac{1}{4}$  Sec Cor

79.94 Intersect the E. Ry of T. 26 Sec.

S. of the Cor. to Secs 25-30-31 &amp; 36

Recently established by me  
from which Cor. I run S.  $89^{\circ} 57' W$   
on a true line bet Secs 25 & 36

with pencil rod

39.97 Set a walrus rack 6x13x6 in

11 in in the ground for  $\frac{1}{4}$  Sec

Cor. marked 4 on N. face and

raised a mound of stave

along side of it impracticable.

79.94 True Cor to Secs 25-26-35 &amp; 36

Surface Mountainous

Soil 3<sup>rd</sup> sub

Grass good

Scattering timber

J. 22 N. R. 57. 99 S. R. 74

6 lines

North lot Secs 25 + 26  
Cor.  $14^{\circ} 15' E$

Over Mountain ridges

40.00

Set a Malpais stone  $18 \times 6 \times 6$  ins. 12 ins. in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$ . on N face, dug pits  $18 \times 18 \times 12$  ins. W and S of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high.  $3\frac{1}{2}$  ft. base. alongside.

55.00

Descend over rocky bluff  
40. ft high

80.00

Set a Malpais stone  $12 \times 12 \times 6$  ins. 8 ins. in the ground for Cor. to Secs. 23-24-25 or 26 marked with 2 notches on S. and 1 notch on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high.  $4\frac{1}{2}$  ft. base. alongside.

Surface Mountainous  
Soil 3<sup>rd</sup> rate  
Grass good  
Scattering timber

T. 22. N. R. 5 N. E. and S. R. 24

Blunice

East on a narrow line but Secs 24 &amp; 25

Cor.  $14^{\circ} 15' E$ 

Over Mountain ridges

40.00 Set temporary  $\frac{1}{4}$  Sec Cor.80.07 Intersect E. By of the  $\frac{1}{16}$  Sec S.  
of the Cor. to Secs 19-24-25 & 30From which Cor. down S.  $89^{\circ} 53'$  thru  
a true line but Secs 24 & 25  
with same cor40.04 Set a small pair rods  $12 \times 10 \times 6$  ins  
8 ins in the ground for  $\frac{1}{4}$  Sec Cor  
marked  $\frac{1}{4}$  on N. face and raised a  
row of stones along side80.07 The Cor. to Secs 23-24-25 & 26  
its impracticable

Surface Mountainous

Soil 3<sup>rd</sup> rate

Grass good

Scattering timber



T. 22 N. R. 5 W. S. 23 & S. R. 74

Plumms

North lot Secs 23 & 24  
Twp. 14° 15' E

18.00 W ascnd

20.00 Base dry wash 10 lbs with  
B.S. 80° N. W ascnd

40.00 Set a malpais rock 18x9x5 ins

12 ins in the ground for 1/4 Sec.  
Cir. marked 4 on N. face and

raised a mound of stone along side  
<sup>pit is impracticable</sup>

80.00 Set a malpais rock 16x10x6 ins

11 ins in the ground for the Cir.  
to Secs 13-14-23 & 24 marked

with 3 notches on S. side 1 notch  
on E. edge and raised a

mound of stone along side  
from which

A dump 16 ins diam. Twp. S. 85° N.

50 lbs dist. numbered T. 22 N. R. 5 W. S. 23 & 24

A dump 18 ins diam. Twp. N. 68° E 77 lbs

T. 22 N. R. 57. G. 4 S. R. 24

Clemis

dist marked T. 22 N. R. 57. S. 13 B. 5  
 No other trees within limits  
 Surface <sup>11</sup>/<sub>100</sub> mountainous  
 Soil 3<sup>rd</sup> rate  
 Grass good  
 Scattering timber

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East on a random line bet Secs 13 & 24  
 Cor.  $N^{\circ} 15' E$

- 5100 Enter dense timber  
 30.00 Scava timber <sup>3</sup>/<sub>4</sub> enter brush  
 40.00 Set temporary "U" Sec Cor.  
 80.10 Intersect the E. 1/4 of the 1/4  
 16 Sec. S. of the Cor to Secs 13-18-19 & 24  
 recently established by new  
 from which Cor. I run S.  $89^{\circ} 53' 74''$   
 on a true line bet Secs 13 & 24  
 with same run

T. 22 N. R. 57. 6<sup>th</sup> S. R. 7<sup>th</sup>

Clunio

40.05 Set a malpais rock 10x10x6 ins  
7 ins in the ground for "4 Sec. Cor.  
marked "4 on N. face <sup>and</sup> raised

a mound of stone along side

80.10 <sup>if pits impracticable</sup> The lot Sec 13-14-23 1st

Surf. face railing

Soil 3<sup>rd</sup> rate

Grass good

Dense scrubby Cedar timber

and brush

North lot Sec 13 1st

Cor. 14° 15' E

40.00 Set a malpais rock 20x10x8 ins  
15 ins in the ground for "4 Sec. Cor.  
marked "4 on N. face <sup>and</sup> raised

a mound of stone along side

80.00 <sup>if pits impracticable</sup> Set a malpais rock 10x10x6 ins

J. 22 N. R. 5 N. G. and S. R. 7M

Blair's

Trails in the ground for the Cor to  
 Secs 11-12-13 & 14 marked with  
 4 meters on S.  $\frac{1}{2}$  1 meter on E  
 edges and raised a mound of  
 stone alongside, fits impracticable  
 Surface walking  
 Soil 3<sup>rd</sup> rate  
 Grass good  
 Dense scrubby cedar

---

East on a random line at Secs 12 & 13  
 From 14' 15' E

- 40.00 Set temporary 1/4 Sec. Cor.  
 44.36 Cross A & P. R. R. tracks S. 9° E  
 46.00 Ascend alongside of hill  
 79.97 Intersect the E. By of 1/4 Sec 14  
 S. of the Cor. to Secs 11-12-13 & 14  
 recently established by me

T. 22 N. R. 57. 9<sup>th</sup> S. R. 21

Chumix

From which Cor I saw S. 89° 54' W.  
on a true line bet Secs 12 & 13  
with same cor.

39.98 Set a mul pair rods 24x8x6 ins  
18 ins in the ground for 1/4 Sec  
Cor. marked 1/4 on N. face <sup>rod</sup> raised

a mound of straw along side  
of pipe <sup>infractible</sup>  
The Cor. Cor. to Secs 11-12-13 & 14

74.97

Surface falling  
Soil 3<sup>rd</sup> rate  
Grass good  
Dense Scrubby Cedar

North bet Secs 11 and 12  
Cor. 140 15' E

Over mountain ridges

9.00 was used

24.40 Grass A O P. R. R. 7<sup>th</sup> N. 85° 7' W

T. 22 N. R. 57. G<sup>nd</sup> S. R. 74

Bluffs

as usual

- 40.00 Set a malpais rock 10x8x8 ins 7 ins  
in the ground for "4 Sec Cor marked  
"Low N. face" and raised a mound  
of stone along side, fits impracticable
- 80.00 Set a malpais rock 14x12x8 ins  
9 ins in the ground for the Cor. to  
Secs 1-2-11 and 12 marked with  
5 notches on S. and 1 notch on  
E. edge and raised a mound  
of stone along side, fits impracticable  
Surface mountainous  
Soil 3<sup>rd</sup> rate  
Grass fair  
Scattered scrubby cedar

East on a random line bet Secs  
1 and 12

Var. 14° 15' E

T. 22 N. R. 57. E and S. R. 71

Column

Over mountain ridges

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.43.10 Cross dry wash 14 lks wide  
Co. N. W.80.05 Intersect the E By of the  $\frac{1}{4}$  Sec  
12 lks S. of the Cr. to Secs 1-6-7-12  
precisely established by me  
from which Cr. I run S. 89° 55' W  
on a true line hit Secs 1<sup>st</sup> & 12  
with same var.40.02 Set a gulch pipe road 14 x 12 x 10  
ins 9 ins in the ground for  $\frac{1}{4}$  Sec  
Cor. marked "low N face" and  
raised a mound of stone  
along side, fits impracticable80.05 The Cr. to Secs 1-2-11<sup>th</sup> & 12

Surface mountainous

Soil 3<sup>rd</sup> rate

Grass good

Scattering scrubby Cedars

T 22 N. R. 5 N. Grand S. R. M

Plains

North on a random line bet Secs 1 & 2

For  $14^{\circ} 15' E$

Over mountain ridges

34.27 Grass dry wash 35 lbs. with C.  
N. N.

40.00 Set temporary 1/4 Sec Cor.

80.09 Intersect the N. Ry of the S. p. 1/4 Sec  
N. of the Cor. to Secs. 1, 2, 35 & 36, recently  
established by me from which  
Cor I run  $S. 8^{\circ} 6' N.$  on a true  
line bet Secs 1 and 2 with same cor.

40.09 Set a mulpais rock 17x12x10 ins  
11 ins in the ground for 1/4 Sec Cor.  
marked "Low N. fence" and raised a  
mound of stone along side

80.09 The Cor. to Secs. 1-2-11 <sup>bits impracticable</sup> and 12  
Surface mountainous  
Soil 3<sup>rd</sup> rate  
Grass fair



S. 22 N. R. 5<sup>th</sup> W. G<sup>nd</sup> S. R. 7<sup>th</sup>

Cherries

Scattering Scrubby Cedars

I carefully examined the adjustments of my solar instrument today particularly the latitude <sup>and</sup> reversing apparatus <sup>and</sup> found them correct

From the Cor to Secs 2-3-34 & 35  
on the S. By. of the Tp. recently  
established by me I run  
North but Secs 34 & 35  
Tr.  $14^{\circ} 15' E$

10.00 Cross dry wash 38 chs with  
Co. West

40.00 Set a mullpiss rock  $13 \times 10 \times 6$  ins  
Piss in the ground for "K" Sec  
Cor marked "K" as N. face <sup>and</sup>

T. 22 N. R. 57<sup>th</sup> G and S. R. 7M

Blumius

20.00 raised a mound of stone along side  
 pits impracticable  
 Set a nail pair rods 14 x 2 x 6 ins  
 pins in the ground for the Cor.  
 to Secs 26-27-34 & 35 marked with  
 1 notch on S. and 2 notches on E  
 edges and raised a mound of  
 stone along side, pits impracticable  
 Surface rolling  
 Soil 3<sup>rd</sup> rate  
 Grass good  
 No timber

East on a random line bet Secs 26 & 35  
 for 14° 15' E

40.00 Set temporary 1/4 Sec. Cor.

79.94 Intersect 7<sup>th</sup> and S. line 6 lbs. S. of  
 the Cor to Secs 25-26-35 & 36 from  
 which Cor I run S. 89° 57' 7" on

T. 22 N. R. 57. G<sup>ms</sup> S. R. 7M

Chains

as true line bet Sics 26<sup>nd</sup> & 35<sup>th</sup>  
with same corr.

39.97

Set a mulpais rock 14x10x6 ins  
high in the ground for 'K S. & C. Co.  
marked '4 on N. face, from which  
a dump of 1/2 ins diam Drs S. 60° W. 130 lbs.  
dist marked 'K S. B. T.

A dump of 2 1/2 ins diam Drs N. 30° E  
98 lbs. dist marked 'K S. B. V.

79.94

The line to Sics 26-27-34 & 35

Surface railing

Dist. 3<sup>rd</sup> rate

Grass yard

No timber

North bet Sics 26<sup>nd</sup> & 27

For 14° 15' E

Over railing land

T. 22 N. R. 5 E. G. 4 S. R. 14

Chains

- 46.00 Set a malpais rock  $12 \times 12 \times 8$  ins  
8 ins in the ground for the Sec Cor  
Marked "N" on the face and raised a  
mound of stone alongside  
Cross <sup>pit's impracticable</sup> day wash 35 lbs with  
Co. S. 7.
- 80.00 Set a malpais rock  $12 \times 10 \times 6$  ins  
8 ins in the ground for the Cor. to Secs  
22-23-26 and 27 marked with  
2 notches on S. and E. edges and  
raised a mound of stone  
alongside, pit's impracticable  
Surface rolling  
Soil 3<sup>rd</sup> rate  
Grass good  
No timber

T. 22 N. R. 5 W. G<sup>nd</sup> S. R. M

Chumix

East on a random line bet Secs 23 & 26  
 For. 10° 15' E

Over rolling land

18.00 descend

30.00 Foot of hill <sup>and</sup> ascend

40.00 Set temporary 1/4 Sec. Cr.

67.24 Brass dry wash 60 lbs wide  
 Co. S. W.

80.09 Intersect 7<sup>th</sup> S. line 12 lbs S.  
 of the Cr. to Secs 23-24-25<sup>th</sup> & 26

From which Cr. I ran S 89° 55' W.  
 on a true line bet Secs 23 & 26  
 with same run

40.04 Set a mulpair rock 15 x 9 x 6 ins  
 10 ins in the ground for 1/4 Sec  
 Cr marked 4<sup>th</sup> W. face <sup>and</sup>  
 raised a mound of stones  
 along side Pto impracticable.

80.09 The Cr. to Secs 22-23-26<sup>th</sup> & 27  
 Surface mountains  
 Soil 3" rate  
 scattering cedar x

J. 22 N. R. 5 N. G<sup>nd</sup> S. R. 21

Bluffs

North lot Seco. 22<sup>nd</sup> & 23

For. 14° 15' E

Over Mountain ridge

40.00 Set a sulphur rock 14 x 10 x 10 ins  
 pins in the ground <sup>for Sec Air</sup> marked  
 14 on N. face and raised a

mound of stone along side

80.00 Set a sulphur rock <sup>14 x 10 x 10 ins</sup> 12 x 12 x 4 ins  
 pins in the ground for the Air.  
 to Seco 14-15-22<sup>nd</sup> & 23 marked  
 with 3 matches on S. and 2

matches on E. edges and raised  
 a mound of stone along side  
 to be as practicable.

In fact Mountainous  
 Soil rocky 3<sup>rd</sup> rate

Grass good

Deuthring timber

J. 22 N.R. 5 N. 5<sup>th</sup> and S. R. M.

Clarius

East on a random line bet Secs 14 & 23  
Tr.  $14^{\circ} 15' E$

Surface ralling

40.00 Set temporary  $\frac{1}{4}$  Sec Cor.

79.96 Intersect N and S line 11 lks S. of  
the Cor to Secs 13-14-23<sup>rd</sup> & 24<sup>th</sup>  
from set  $\frac{1}{4}$  Sec Cor. I run S.  $89^{\circ} 55' W$   
on a true line bet Secs 14 & 23  
with range var.

39.98 Set a malpais rock  $14 \times 10 \times 5$  ins  
9 ins in the ground for  $\frac{1}{4}$  Sec. Cor.  
marked  $\frac{1}{4}$  on N. face, from which  
A Juniper 12 ins diam Tr. N.  $10^{\circ} E$   
74 lks dist marked  $\frac{1}{4}$  S. B. J.  
A Cedar 8 ins diam Tr. N.  $83^{\circ} E$   
75 lks dist marked  $\frac{1}{4}$  S. B. J.

79.96 The Cor to Secs 14-15-22 & 23  
Surface ralling, Soil  $\frac{3}{4}$  rate  
Grass good, Scattering timber

T. 22 N. R. 57. G<sup>nd</sup> S. R. M

Plains

North lot Secs 14<sup>and</sup> 15  
For N<sup>o</sup> 15' E

40.00 Set a malpais rock 16x12x5 ins  
11 ins in the ground for 4 Sec. Cor.  
marked 4 on N. face <sup>and</sup> raised a  
mound of stone along side  
Site impracticable.

80.00 Set a malpais rock 14x10x6 ins  
9 ins in the ground for the Cor. to  
Secs 10-11-14<sup>and</sup> 15 marked with  
4 notches on S. <sup>and</sup> 2 notches  
on E. edges <sup>and</sup> raised a  
mound of stone along side.  
Site impracticable.  
Surface: Mountainous  
Soil 3<sup>rd</sup> rate  
Grass good  
No timber



T. 22 N. R. 57. G<sup>and</sup> S. R. M

Chains

East on a random line but Secs 11 & 14  
 Tor.  $14^{\circ} 15' E$

Over Mountain ridges

40.00 Set a temporary "K Sec Ar

80.04 Intersect 7<sup>th</sup> S. line 16 Sec 5,  
 of the Ar. to Secs 11-12-13 & 14

From which Ar. I ran S.  $89^{\circ} 53' W$ .  
 on a true line but Secs 11<sup>and</sup> 14  
 with same Tor.

40.02 Set a malpais rock  $20 \times 8 \times 8$  in  
 15 in in the ground for "K Sec  
 Ar. marked "Km N. face<sup>and</sup> raised  
 a mound of stones along side  
Partial map project available.

80.04 The Ar. to Secs 10-11-14<sup>and</sup> 15.

Surface Mountains

Salt 3<sup>rd</sup> rate

Grass good

No timber

J. 22 N. R. 5 W. G<sup>4th</sup> S. R. M

Plains

North lot Secs 10<sup>and</sup> 11  
Twp. 14<sup>o</sup> 15' E

Low Mountain ridges

40.00 Set a malpais rock 12x10x6 ins  
Six in the ground for the Cor.  
marked '4 on N. face<sup>and</sup> raised  
a mound of stone along side  
Pto impracticable  
57.75 Grass 100. Q. R. Tps. 7. 15<sup>o</sup> W.

80.00 Set a malpais rock 14x12x6 ins  
Nine in the ground for the Cor.  
to Secs 2-3-10<sup>and</sup> 11 marked  
with 5 matches on S. <sup>and</sup> 2 matches  
on E. edges<sup>and</sup> raised a mound  
of stone along side Pto impracticable  
San Jose Mountains  
Soil 3<sup>rd</sup> rate  
Grass good  
No timber

T. 22 N R. 5 W. G<sup>nd</sup> S. R. M

Chavis East on a random line but Secs 2 & 11  
 For  $14^{\circ} 15' E$

Over railway Mountain ridge

40.00 Set temporary  $1/4$  Sec. Cor.

80.04 Intersect  $1/4$  Sec 5 line B the S  
 of the Cor to Secs 1-2-11 and 12

From which Cor. I ran  $S. 89^{\circ} 52' W$   
 on a true line but Secs 2 & 11  
 with same cor.

40.02 Set a malpais rock  $16 \times 9 \times 6$   
 six 11 ins in the ground for  
 $1/4$  Sec. Cor. marked  $1/4$  on N. face  
 I raised a mound of stones  
 along side Pito impracticable

80.04 The Cor to Secs 2-3-10 and 11

Surface Mountainous

Soil 3<sup>rd</sup> rate

Grass good

No timber

T. 22 N., R. 5 N. G<sup>nd</sup> S. R. M

Plains

North on a random line bet Secs 2 + 3  
7<sup>th</sup> 14° 15' E

Over Mountain ridge

40.00

Set temporary  $\frac{1}{4}$  Sec. Cr.

80.10

Intersect N. By of Sp. 16 lvs E. of  
the Cr to Secs 2-3-34<sup>th</sup> and 35<sup>th</sup>  
recently established by me  
from which Cr. I run S. 0° 7' E  
on a true line bet Secs 2<sup>nd</sup> and 3<sup>rd</sup>  
with same run.

40.10

Set a malpais rock 12x10x6 in  
Dris in the ground for  $\frac{1}{4}$  Sec.  
Cr. marked  $\frac{1}{4}$  on N. face and  
raised a mound of stone  
along side. It is impracticable

80.10

The Cr to Secs 2-3-10<sup>th</sup> and 11<sup>th</sup>

San Jacinto Mountains

Soil 3<sup>rd</sup> rate, Grass good  
Scrubby Cedars

T. 22 N. R. 57. G and S. R. 74

Clunies

From the Cr to Secs 34-33 and 34  
on the S. By of Tpo recently estab-  
lished by the Iron.

North but Secs 33 & 34

7 or 14° 15' E

Over mountainous land

20.00 Foot of hill and ascend

36.50 Top of hill and descend

40.00 Set a sandstone 18x12x6 in 12 in  
in the ground for "4 Sec. Cr. marked  
"4 on N. face and raised a mound  
of stone alongside P to impracticable

45.20 Grass dry wash 50 lbs. wide Cr.  
5.40° N and ascend

70.00 Top of hill and descend

80.00 Set a limestone 12x10x6 in 8 in  
in the ground for the Cr to Secs  
27-28-33 and 34 marked with  
1 notch on S. and 3 notches on

J. 22 N. R. 5 N. G and S. R. M

D. Lewis

E. slopes dry pits 18 x 16 x 12 ins in  
 each Sec 5 1/2 ft. dist and raised  
 a mound of earth 7 ft. high  
 1 1/2 ft. base along side  
 Surface Mountainous  
 Soil 3<sup>rd</sup> rate  
 Grass good  
 Scattering Juniper

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East as a random line bet Secs  
 27 and 34

Var. 10° 15' E

Over level table land

10.50 Descend over bluff of rock  
 10 ft. high

24.65 Cross dry wash 76 fms. wide  
 a S. 45° N. and ascend

40.00 Set temporary 1/4 Sec. Cor.

D. 22 N. R. 57. 4<sup>th</sup> and S. R. 74

Column

80.12 Subsect N<sup>4</sup> and S. line 8<sup>th</sup> Sec. S. of  
the Cr to Secs 26-27-34 + 38  
From which Cr. Iron S. 89° 57' W  
on a true line bet Secs 27<sup>4</sup> and 34  
with same var.

40.06 Set a malpais rock 12 x 10 x 6 in  
8 in in the ground for 1/4 Sec  
Cr. marked 1/4 in N. face 4<sup>th</sup> raised  
a ground of stone along side  
Practically

80.12 The Cr to Secs 27-28-33 + 34  
Surface taken.  
Soil 3<sup>rd</sup> rate  
Grass good  
No timber

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North bet Secs 27<sup>4</sup> and 28  
Var 14° 15' E

48.25 Descend over bluff of rock

T. 22 N. R. 5 N. G and S. R. M

Chains

10 ft high

40.00

Deposited a marked stone 12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor. dag pits 18 x 18 x 12 ins. N and S of stone  $5\frac{1}{2}$  feet dia and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over it. In N pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on N face.

80.00

Set a mullein rod 16 x 12 x 5 in 11 in in the ground for the Cor to Secs 21-22-27 and 28 marked with 2 notches on S. and 3 notches on E. edges and raised a mound of stone along side. Pits impracticable.  
 Surface Mountainous  
 Soil 3<sup>rd</sup> rate  
 Grass fair  
 Scattering scrubby Cedars



T. 22 N., R. 57. E and S. R. 70

Chains

East on a random line bet Secs 22 & 27  
For  $14^{\circ}15' E$

Over rolling table land

40.00 Set temporary  $1/4$  Sec cor.

20.09 Intersect N. <sup>1/4</sup> & S. line 18 Chs. S.  
of the cor to Secs 22-23-26 & 27  
from which cor. Inm  $S. 84^{\circ}52' N.$   
on a true line bet Secs 22 & 27  
with some var.

40.04 Set a nail pair rods 18 X 10 X 5  
six 12 in in the ground for  
 $1/4$  Sec cor. marked  $1/4$  on N. face  
and raised a mound of stone  
alongside pits impracticable.

20.09 The cor to Secs 21-22-27 and 28  
Surface rolling  
Soil 3<sup>rd</sup> rate  
Grass good  
No timber

No. 1078

J. 22 N. R. 5 N. G and S. R. M

Chumix

North lot Secs 21 and 22

Twp 14<sup>th</sup> 15<sup>th</sup> E

40.00 Set a mualpais rock 15x12x5 ins  
10 ins in the ground for 4 Secs Cor  
marked "4 in N. face" and raised  
a mound of stone alongside

80.00 <sup>Pit's impracticable</sup> Set a mualpais rock 20x15x6 ins  
15 ins in the ground for the Cor. to  
Secs 15-16-21 and 22 marked  
with 3 notches at S. and E. edges  
and raised a mound of stone  
alongside Pit's impracticable.  
Surf face Alluvial tanous  
Soil 2<sup>nd</sup> rate  
Grass good  
No timber

T. 22 N. R. 5 N. G<sup>nd</sup> S. R. M

Chassis

East on a random line bet. Secs  
15<sup>th</sup> & 22

For.  $14^{\circ} 15' E$

Over Mountain ridge

40.00

Set temporary  $1/4$  Sec. Cor.

79.94

Intersect  $7^{\text{th}}$  & 5. line 10 lks

S. of the Cor. to Secs 14-15-22 & 23

From which Cor. I run  $S. 89^{\circ} 56' W$

on a true line bet Secs 15 & 22

with same var.

39.97

Set a malpais rock  $12 \times 10 \times 6$

in the ground for

$1/4$  Sec. Cor. marked  $1/4$  m<sup>th</sup> face

and raised a mound of stone

along side it's impracticable

79.94

The Cor. to Secs 15-16-21<sup>st</sup> & 22

Surface  $1/4$  Mountain ridge

Sail 3<sup>rd</sup> rate

Grass good

Scattering timber

T. 22 N. R. 57. G<sup>and</sup> S. R. M

Blaines

North lot Secs 15 and 16

Var.  $14^{\circ} 15' E$ 

Over level table land

20.00

Set a  $\frac{7}{16}$  alloy steel stone,  $10 \times 10 \times 6$  ins.,  $7$  ins. in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  on  $77$  face. dug pits  $18 \times 18 \times 12$  ins.  $N$  and  $S$  of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high.  $3\frac{1}{2}$  ft. base *along* side.

80.00

Deposited a marked stone 12 ins. in the ground for Cor to Secs 9-10-15 & 16, dug pits  $18 \times 18 \times 12$  ins in each Sec.  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base over it. in S E pit drove a stake 2 ins. sq. 2 ft. long 12 ins in the ground marked T. 22 N S. 10 on N.E. E.  $5\frac{1}{2}$  S 15 on S.E. S. 16 on S.W. and S. 9 on N.W. faces. with  $\checkmark$  notches on S. and 3 notches on E edges.

Surface level

Soil 3<sup>rd</sup> rate, Grass good

No timber

T. 22 N. R. 6 W. G<sup>ms</sup> S. R. 7 M

Chunio

East on a ~~random~~ line bet Secs 10 & 15  
 For  $14^{\circ} 15' E$

40.00 Set temporary  $1/4$  Sec Cor.

79.94 Intersect N and S. line  $1/2$  lks S.  
 of the cor to Secs 10-11-14 and 15  
 from which cor. I run  $589^{\circ} 55' N$ .  
 on a true line bet Secs 10 & 15  
 with same cor

39.97 Set a malpais rock  $9' 18' \times 8'$  in  
 line in the ground for  $1/4$  Sec  
 Cor marked low N. face and  
 raised a mound of stone  
 along side bet's impracticable

79.94 The cor. to Secs 9-10-15 & 16

Impracticable  
 Dual 3<sup>rd</sup> rate  
 Grass guard  
 No timber

J. 22 N. R. 5 N. G. W. S. R. M

Blumix

North lot Seco 9<sup>and</sup> 10

Tm 14° 15' E

Over Mountain ridges

10.00 Descend

22.60 Cross dry wash <sup>10 lbs. wide</sup> C. N. 52° N  
and ascend

37.00 Top of hill<sup>and</sup> descend

40.00 Sit on malpais rock 8x8x8 ins  
5 ins in the ground for "U" Sec. Cor.  
marked "U" on N. face<sup>and</sup> raised  
a mound of stone along side  
to be in practicable.

48.00 Cross dry wash 15 lbs. wide  
C. N. 70° N<sup>and</sup> ascend

53.00 Top of ridge then over walking  
surface

80.00 Sit on malpais rock 12x10x8 ins  
8 ins in the ground for the Cor. to  
Seco 3-4-9<sup>and</sup> 10 marked with  
5 notches on S. <sup>and</sup> 3 notches

T. 22 N. R. 57. G<sup>4</sup> S. R. 7M

Clunis

on E. edge <sup>and</sup> raised a mound  
of stone along side the impracticable  
surface *Mormontianus*  
Soil 3<sup>rd</sup> rate  
Grass good  
No timber

Eastward random line hit Secs 3 & 10  
700, 14° 15' E

36.00 Cross A.P.R.R. Trs. N. 55° W.

40.00 Set temporary <sup>1/4</sup> Sec. Cr.

79.94 Intersect N. <sup>4</sup> S. line 10 <sup>1/4</sup> Sec. S.  
of the Cr to Secs 2-3-10 <sup>and</sup> 11

from which Cr. I run S. 89° 56' W.  
in a true line hit Secs 3 <sup>and</sup> 10  
with same var

39.97 Set a malpais rock 10 x 8 x 7 ins  
7 ins in the ground for <sup>1/4</sup> Sec.

J. 22 N. R. 5 N. G. 4 S. R. M

Colinus

Cr. marked 4 on N. face and raised  
a mound of stones along side

79.94 <sup>Part of unprojected hole.</sup>  
The cr to Secs 3-4-9 and 10

Surf face *Montanensis* now

Soil 3<sup>rd</sup> rate

Grass good

No timber

North on a random line but Secs 3 & 4  
From  $14^{\circ} 15' E$

Over *Montanensis* mounds

6.35 Cross A. & P. R. R. lrs N.  $75^{\circ} N$ .

40.00 Set temporary  $14^{\circ}$  Sec. Cr.

79.98 Intersect the N. Ry of T. & P. 12 lrs.

E. of the Cr to Secs 3-4-33 & 34

definitely established by me  
from which cr. from  $5^{\circ} 5' E$

on a true line but Secs 3 & 4

with same vor.



J. 22 N. R. 57. 9<sup>th</sup> S. R. 7<sup>th</sup>

Chino

39.98

Set a malpais stone, 16 x 14 x 5 ins., 11 ins. in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  on N face, dug pits 18 x 18 x 12 ins. N and S of stone 5 $\frac{1}{2}$  ft. dist. and raised a mound of earth 1 $\frac{1}{2}$  ft. high, 3 $\frac{1}{2}$  ft. base. alongside.

79.98

The Arto Secs 3-4-9 and 10

Surface Monotonous

Grassland

Soil 3<sup>rd</sup> rate

No timber

I carefully examined the adjustments of my solar compass to day particularly the latitude and reversing apparatus and found them correct.

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T. 22 N. R. 5 W. S. 1 and 5. R. M

Chains

From the Cor to Secs 4-5-32 & 33 on  
the S. by of the 5<sup>th</sup> recently  
established by new line  
North bet Secs 32 and 33  
7<sup>m</sup>. 14° 15' E

40.00 Set a malpais rock 18 x 6 x 5 in  
12 in in the ground for 1/2 Sec.  
Cor. marked "N" on N. face and  
raised a mound of stone  
along side Pito impracticable

80.00 Set a malpais stone 12 x 10 x 6 ins, 8 ins. in  
the ground for Cor, to Secs, 28-29-32 & 33 marked  
with 1 notch on S. and 1 notch on E. edges,  
dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft.  
dist. and raised a mound of earth 2 ft. high,  
4 1/2 ft. base. alongside.

Surface Monotonous  
Soil 3<sup>rd</sup> rate  
Grass good  
No timber

T. 22 N. R. 5 W. G<sup>nd</sup> S. R. 7 W

Chinix

East on a random line bet Secs 28 + 33  
 For 140 15' E

30.00 Ascend ridge

40.00 Set temporary "U Sec. Cr.

79.96 Intersect N<sup>th</sup> 45 S. line 12 lks. S. of  
 Cr. to Secs. 27-28-33 + 34 from  
 which Cr. I run S. 89° 55' W on  
 a true line bet Secs 28 + 33  
 with same var.

39.98 Set a nail pair rods 17 x 15 x 10  
 pins 11 pins in the ground for U Sec.  
 Cr. marked "U on N. face & raised  
 a mound of stone along side  
 to pin in <sup>in fact</sup> ~~in fact~~ <sup>in fact</sup> ~~in fact~~

79.96 To Cr. to Secs 28-29-32 + 33

Surf face Monotonous  
 Soil 3<sup>rd</sup> rate

Grass good

No timber

J. 22 N. R. 57. G<sup>nd</sup> S. R. M

Chunx

North lat Secs 28<sup>nd</sup> & 29  
 Twp 14° 15' E

40.00 Set a malpais rock 18x10x8 ins  
 1/2 ins in the ground for  
 1/4 Sec Cor. marked "4 on N.  
 face and raised a mound  
 of stone alongside, pits impracticable

20.00 Set a malpais rock 24x6x6 ins  
 8 ins in the ground for the  
 Cor to Secs 20-21-28<sup>nd</sup> & 29  
 marked with 2 notches on  
 S. and 4 notches on E. edges  
 and raised a mound of stone  
 alongside, pits impracticable  
 Surface Monotonous  
 Soil 3<sup>rd</sup> rate  
 Grass good  
 No timber

T. 22 N. R. 5 N. G and S. R. M

Chains

East on a random line bet Secs  
21 and 28

Var.  $14^{\circ} 15' E$

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

80.10 Intersect  $\frac{1}{4}$  and  $\frac{1}{2}$  line 10 Sec S.

of the Cor. to Secs 21-22-27 & 28

From which Cor. I run  $S. 89^{\circ} 56' W.$   
on a true line bet Secs 21 & 28  
with same var.

40.05

Deposited a marked stone 12 ins. in the  
ground for  $\frac{1}{4}$  Sec. Cor. dug pits 18 x 18 x 12 ins.  
E and W of stone  $5\frac{1}{2}$  feet dist and raised  
a mound of earth  $1\frac{1}{2}$  ft high  $1\frac{1}{2}$  ft. base over  
it. In E pit drove a stake 2 ft. long 2 ins.  
sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on W  
face.

80.10

The Cor to Secs 20-21 - 28 & 29

Surface level

Soil 3<sup>rd</sup> rate

Grass good

No timber

T. 22 N. R. 5 N. G. and S. R. M

Olivinus

North lot Secs 20 and 21

For.  $14^{\circ} 15' E$ 

40.00

Set a malpais rock  $12 \times 10 \times 8$  ins  
8 ins in the ground for "K Sec"  
Ar marked "4" on N. face and  
raised a mound of stone  
along side Pto impracticable.

20.00

Set a malpais rock  $18 \times 12 \times 5$  ins  
12 ins in the ground for the  
Ar to Secs. 16-17-20 and 21  
marked with 3 notches on S.  
and 4 notches on E. edges and  
raised a mound of stone  
along side Pto impracticable

Surface Monitions

Dull 2<sup>nd</sup> rate

Grass good

No timber

T. 22 N. R. 5 W. G. and S. R. M

Chinix

East on a random line bet  
Secs 16<sup>and</sup> 21

Cor.  $14^{\circ} 15' E$

40.00 Set temporary "4 Sec Cor.

79.96 Intersect N<sup>and</sup> S. line S. Sec.  
S. of the Cor. to Secs 15-16-21<sup>and</sup> 22  
from which Cor. I run S.  $89^{\circ} 52' W$   
one' a true line bet. Secs 16<sup>and</sup> 21  
with same cor

39.98 Set a malpais rock 16x12x8 in  
in the ground for "4 Sec  
Cor marked "Low N. face<sup>and</sup>  
raised a mound of stone  
alongside

79.96 The Cor to Secs 16-17-20<sup>and</sup> 21  
Surface Monotonous  
Soil 2<sup>nd</sup> rate  
Good grass

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T. 22 N., R. 5 N. G. and S. R. M.

Chunio

North lot Secs 16<sup>and</sup> 17Twp. 14<sup>and</sup> 15<sup>and</sup> E

40.00

Set a mulpais rock 20x18x4  
 75 ins in the ground for U Sec  
 Cr. marked "4" on N. face  
 and raised a mound of stone  
 along side, fire impracticable

80.00

Set a limestone 12x12x4 ins 5 ins  
 in the ground for the Cr. 6  
 Secs 8-9-16<sup>and</sup> 17 marked  
 with 4 notches on S. <sup>and</sup> E  
 edges and raised a mound  
 of stone along side fire impracticable  
 Surface hilly  
 Soil 2<sup>nd</sup> rate  
 Grass good



T. 22 N. R. 5 N. G and S. R. 74

Chimney

East on a random line but Secs 9 and 10

Cor. 10° 15' E

34.00 Begin to ascend rocky ridge

40.00 Set temporary "U" Sec Cor.

64.00 Ascend malpais Fluff of rock  
Trs. N. and S.

80.00 Intersect N. and S. line 11 Dec. N.  
of Cor to Secs 9-10-15 and 16 from  
which Cor S. run N. 89° 55' W  
on a true line but Secs 9+16  
with same cor.

40.02 Set a malpais rod 17x10x8 in  
11 in in the ground for "U" Sec Cor.  
moved "U" in N. face & raised a  
mound of stone along side  
pts. <sup>practically</sup>

80.04 On abt to Secs 8-9-16 and 17  
Surface Mountainous Soil 3<sup>rd</sup> mile  
Grass good

J. 22 N. R. 57. G and S. R. M

Column

North but Secs 8 and 9  
 Top.  $14^{\circ} 15' E$

40,00

Set a Malpais stone,  $16 \times 8 \times 5$  ins., 11 ins. in the ground for  $\frac{1}{4}$  Sec, Cor, marked  $\frac{1}{4}$  on N face, dug pits  $18 \times 18 \times 12$  ins. N and S of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base. alongside.

80,00

Set a Malpais stone  $16 \times 8 \times 5$  ins., 11 ins. in the ground for Cor, to Secs, 4-5-8-9 marked with 5 notches on S. and 4 notches on E. edges, dug pits  $18 \times 18 \times 12$  ins. in each Sec.,  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside.

Surface level  
 Soil 1<sup>st</sup> rate  
 Grass good

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J. 22 N. R. 5 N. G<sup>and</sup> S. R. M

Chumix

East on a random line  
bet Secs 4<sup>and</sup> 9  
7<sup>or</sup> 11° 15' E

40.00 Set temporary "A" Sec Cor  
79.94 Intersect N. <sup>and</sup> S. line 10 lks  
S. of the Cor. to Secs 3-4-9<sup>and</sup> 10  
from which Cor. I run S. 89° 56' W  
on a true line bet Secs 4<sup>and</sup> 9  
with same cor.

39.97 Set a malpais stone, 16 x 12 x 5 ins., 11 ins.  
in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$ " on N  
face, dug pits 18 x 18 x 12 ins. E and W  
of stone 5 ft. dist. and raised a mound of earth  
1 $\frac{1}{2}$  ft. high 1 $\frac{1}{2}$  ft. base, alongside.

79.94 The Cor to Secs 4-5-8<sup>and</sup> 9  
Surface rolling  
Soil 2<sup>nd</sup> rate  
Grass good

T. 22 N. R. 57. E and S. R. 74

Chains

North on a random line but  
Secs 4<sup>and</sup> 5For.  $14^{\circ} 15' E$ 28.46 Cross A. & P. R. R. Trs. N.  $75^{\circ} 7' 44'' S. 75^{\circ} E$ 40.00 Set temporary  $1/4$  Sec. Cor.80.10 Intersect the N. Bay of Twp 5<sup>th</sup>

West of the Cor to Secs 4-5-320

33 recently established by

me from which Cor I run  $S. 0^{\circ} 2' N$ 

on a true line but Secs 4 &amp; 5

with same run

40.10 Set a malpais stone,  $14 \times 10 \times 6$  ins., 11 ins.in the ground for  $1/4$  Sec, Cor, marked  $1/4$  on Nface, dug pits  $18 \times 18 \times 12$  ins. N and Sof stone  $5 \frac{1}{2}$  ft. dist. and raised a mound of earth $1 \frac{1}{2}$  ft. high  $3 \frac{1}{2}$  ft. base diagonals

80.10 The Cor to Secs 4-5-8 and 9

Surface rolling

Sull 2<sup>nd</sup> rate

Grass good

T. 22 N. R. 57. G<sup>and</sup> S. R. M

Claims

From the Cor to Secs 5-6-31 & 32  
on the S. 1/2 of the 1/4 recently  
established by me I run  
North 74° Secs 31<sup>and</sup> 32  
7m 14° 15' E

40.00 Set a multipius cross 15x10x8  
10 ins in the ground for 1/4 Sec  
Cor marked 4 on N. face<sup>and</sup> raised  
a mound of stone alongside

60.00 <sup>Pit's impracticable</sup>  
top of hill<sup>and</sup> discard

80.00 Deposited a marked stone 12 ins. in the  
ground for Cor to Secs 29-30-31 & 32 dug pits  
18 x 18 x 12 ins in each Sec. 5 1/2 ft. dist. and  
raised a mound of earth 2 ft. high 4 1/2 ft. base  
over it. In S E put a iron stake 2 ins. sq. 2  
ft. long 12 ins in the ground marked T. 22 N  
S. 29 on N.E. R. 57 S 32 on S.E. S. 31  
on S W and S. 30 on N. W. faces. with  
1 notch on S. and 5 notches  
on E edges.

Surface monotonous, Soil 2<sup>nd</sup> rate  
Good grass

T. 22 N. R. 57. G<sup>and</sup> S. R. M

Column

East on a random line bet Secs  
29<sup>and</sup> 32  
Cor. 14° 15' E

- 40.00 Set temporary  $\frac{1}{4}$  Sec Cor.  
80.03 Intersect N<sup>and</sup> S. line 12 Sec. S.  
at the cor to Secs 28-29-32 & 33  
From which Cor. I run S. 89° 55' W  
on a true line bet Secs 29 & 32  
with same cor
- 40.01 Set a malpais rock 14x12x5 in  
high in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{2}$  W N. fare<sup>and</sup>  
raised a mound of stone  
along side pit impracticable
- 80.03 The Cor. to Secs 29-30-31<sup>and</sup> 32  
Surface level  
Soil 3<sup>rd</sup> rate  
Grass good  
No timber
-

S. 22 N. R. 57. E and S. R. 70

Chains

West on a random line bet Secs.  
30 and 31

Cor.  $14^{\circ} 15' E$

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

79.42 Set a section  $\frac{1}{4}$  Sec. Cor.  $\frac{1}{4}$  Sec. Cor.  
S. of Cor to Secs 25-30-31 & 36  
recently established by me  
from which Cor. I run S. 89° 55' E  
on a true line bet Secs 30 & 31  
with same cor.

39.42 Set a multipole rod 10x10x6 in  
pins in the ground for  $\frac{1}{4}$  Sec. Cor.  
marked  $\frac{1}{4}$  on N. face <sup>and</sup> raised  
a mound of stone along side  
Ditch impracticable

79.42 The cor. to Secs 29-30-31 <sup>and</sup> 32

Sim jaw trail  
Soil 3<sup>rd</sup> rate  
Grass good  
No timber

T. 22 N. R. 5 N. G. 4 S. R. M

Chains

North lot Secs 29<sup>th</sup> & 30

From 14° 15' E

10.00

Set a malpais rock 16 x 8 x 5 ins  
11 ins in the ground for 1/2 Sec. Cor.  
marked 1/4 on N. face & raised  
a mound of straw alongside  
Pit is impracticable.

80.00

Set a malpais stone 20 x 8 x 6 ins, 15 ins. in  
the ground for Cor. to Secs, 19-20-2003. marked  
with 2 notches on S. and 5 notches on E. edges,  
dug pits 18 x 18 x 12 ins. in each Sec., 5 1/2 ft.  
dist. and raised a mound of earth 2 ft. high.  
4 1/2 ft. base. alongside.

Surface walking  
Sail 3<sup>rd</sup> rate  
Grass good  
No timber

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T. 22 S. R. 57. G<sup>W</sup> S. R. 7M

Claims

East on a random line bet Secs  
20 and 29

7m.  $14^{\circ} 15' E$

40.00 Set temporary "U" Sec. Cr.

80.04 Intersect N<sup>W</sup> and S. line 10 Chas. S.  
of the Cr. to Secs 20-21-28 & 29  
from which Cr. I run S.  $89^{\circ} 56' W$   
on a true line bet Secs 20 & 29  
with same cor.

40.02 Set a malpais rock  $14 \times 10 \times 8$  ins

high in the ground for "U" Sec  
Cr. marked "U" on N. face

raised a mound of stone along pile  
~~but impracticable~~

80.04 The Cr. to Secs 19-20-29 & 30

Surface rolling

Soil 3<sup>rd</sup> rate

Grass good

No timber

T. 22 S. R. 57. G<sup>nd</sup> S. R. M

Claims

Met on a random line bet. Secs  
19 <sup>and</sup> 30

70<sup>o</sup> 14<sup>o</sup> 15' E

40.00 Set temporary "4 Sec. Cor.

79.94 Intersect N. By of T<sup>o</sup> 10 l<sup>ts</sup> N  
of the Cor. to Secs 19-24-25 & 30  
recently established by me  
from sub<sup>st</sup> Cor. 70<sup>o</sup> 17.89<sup>o</sup> 56' E

on a true line bet Secs 19<sup>and</sup> 30

39.94 Set a metal pair rods 18 x 14 x 5 in  
12 in in the ground for "4 Sec  
Cor. marked "4 on on N. face<sup>and</sup>  
raised a mound of stone along  
side. It's inoperable.

79.94 The Cor. to Secs 19-20-29 <sup>and</sup> 30

Sur face railing

Set 3<sup>rd</sup> rate

Grass yard

No timber

T. 22 N. R. 5 N. G. 4 S. R. 7 W.

Claims

North lot Secs 19<sup>th</sup> and 20

7<sup>th</sup> 14° 15' E

40.00 Set a malpais rock 14x10x6 ins  
 high in the ground for 4 Sec  
 Cor. marked "N on N. Face" and  
 raised a mound of stone  
 along side. Pto impracticable.

80.00 Set a malpais rock 17x12x8  
 ins 11 ins in the ground for  
 the Cor to Secs 17-18-19<sup>th</sup> and 20  
 marked with 3 notches on  
 S. and 5 notches on E edges  
 and raised a mound of stone  
 along side. Pto impracticable.  
 Surface rolling  
 Soil 1<sup>st</sup> rate  
 Grass good

T. 22 N. R. 57 E. S. 17 & 20

Chains

East on a random line bet  
Secs 17 and 20

7m. 14° 15' E

40.00 Set temporary 1/4 Sec Cor

79.96 Intersect N and S line 1/2 lks.

S. of the Cor to Secs 16-17-20 and 21  
from which Cor. I runs S. 89° 55' W.  
on a true line bet Secs 17 and 20  
with same corr.

39.98

Set a mulpais stone, 14 x 10 x 8 ins., 9 ins.  
in the ground for 1/4 Sec, Cor, marked 1/4 on N  
face, dug pits 18 x 18 x 12 ins. E and W  
of stone 5 1/2 ft. dist. and raised a mound of earth  
1 1/2 ft. high 3 1/2 ft. base. alongside.

79.96

The Cor. to Secs 17-18-19 & 20  
Surface rolling  
Soil 1<sup>st</sup> rate  
Grass good

T. 22 N. R. 5 N. G<sup>4d</sup> S. R. M

Clunio

Just on a random line bet.

Secs 18<sup>and</sup> 19

7<sup>m</sup> 14° 15' E

40.00 Set temporary "U" Sec. Cor.

79.28 Intersect the N. By of the <sup>rd</sup> 12 Sec. S. of the Cor. to Secs 13-18-19<sup>and</sup> 20 recently established by me from which Cor. True S. 89° 55' ~~to~~ on a true line bet Secs 18 & 19 with same run.

39.28 Set a malpais rock 12 x 10 x 8 ins  
Eris in the ground for "U" Sec. Cor.  
marked "L" on N. face and gained  
a mound of stone alongside

79.28 <sup>field impracticable</sup>  
The Cor. to Secs 17-18-19 & 20  
Surface level

Soil 1<sup>st</sup> rate

Grass good

J. 22 N. R. 57. G and S. R. M

Claims

North lot Secs 17 and 18  
Twp. 14° 15' E

40.00

Set a malpas stone 19 x 15 x 7 ins., 14 ins. in the ground for  $\frac{1}{2}$  Sec, Cor, marked  $\frac{1}{2}$ . on N face, dug pits 18 x 18 x 12 ins. N and S of stone 5 $\frac{1}{2}$  ft. dist. and raised a mound of earth 1 $\frac{1}{2}$  ft. high, 2 $\frac{1}{2}$  ft. base, alongside.

80.00

Set a malpas stone 16 x 10 x 4 ins., 9 ins. in the ground for Cor. to Secs, 7-8-17-18 marked with 4 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base. alongside.

Surface level  
Soil 1<sup>st</sup> rate  
Grass good

J. 22 N. R. 57. Q 4 S. R. M

Claims

East on a random line lot  
Secs 8 Q 4 S 17  
Cor.  $14^{\circ} 15' E$

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

80.00 Intersect N Q 4 S. line 16 lks N  
of the Cor to Secs 8-9-16 Q 4 S 17

From which Cor. True  $N. 89^{\circ} 56' W.$   
on a true line lot Secs 8 Q 4 S 17  
with same cor

40.00 Set a post 3 ft. long 3 ins. diam with marked  
stone, 12 ins, in the ground for  $\frac{1}{4}$  Sec, Cor,  
marked  $\frac{1}{4}$  S. on N face, dug pits 18 x 18 x 12  
ins. E and W of post  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft. high.  $3\frac{1}{2}$  ft. base. around  
post.

80.00 The Cor to Secs 7-8-17-18  
Surface level  
Soil 1<sup>st</sup> rate  
Grass fund

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J. 22 N. R. 57. 9<sup>th</sup> S. R. 7M

Colunio

Rest on a rawlau line bet.  
Secs 7<sup>and</sup> 18

7m 14° 15' E

40.00 Set temporary 1/4 Sec Cor.

78.94 Intersect N. By of 1/4 Sec 18 lks  
N. of the Cor to Secs 7-12-13 & 18

recently established by me  
from which Cor. I run N. 89° 55' E  
one a true line bet Secs 7<sup>and</sup> 18  
with same var

38.94 Set a post 3 ft. long 3 ins. diam with marked  
stone, 12 ins. in the ground for 1/4 Sec, Cor,  
marked 1/4 S. on N face, dug pits 18 x 18 x 12  
ins. E and W of post 5 1/2 ft. dist. and raised  
a mound of earth 1 1/2 ft. high. 3 1/2 ft. base. around  
post.

78.94 The Cor to Secs 7-8-17<sup>and</sup> 18  
In fact local  
Soil 1<sup>st</sup> rate  
Grass good



T. 22 N. R. 57. G<sup>4</sup> S. R. 74

Columbus

North lot Secs 7 and 8  
T. 22 N. R. 57 S. 7

40.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N face, dug pits 18 x 18 x 12 ins. N and S of post 5 $\frac{1}{2}$  ft. dist. and raised a mound of earth 1 $\frac{1}{2}$  ft. high. 3 $\frac{1}{2}$  ft. base. around post.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 5-6-7-8 marked T. 22 N. S. 5 on N. E. R. 57 S. 8 on S. E. S. 7 on S. W. and S. 6 on N. W. face, with 5 notches on S. and 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high. 4 $\frac{1}{2}$  ft. base. around post.

Surface level  
Soil 1<sup>st</sup> rate  
Grass good

T. 22 N. R. 5 N. G<sup>4d</sup> S. R. 74

Blumers

East on a random line bet Secs 5 & 8  
 Ym.  $14^{\circ} 15' E$

40.00

Set temporary  $\frac{1}{4}$  Sec Cor

79.98

Intersect N<sup>4d</sup> S. line  $\frac{1}{2}$  Sec 7,  
 of the Cor to Secs 5-8<sup>4d</sup> 9 from  
 which Cor. I run  $71.84^{\circ} 55' N.$  on  
 a true line bet Secs 5<sup>4d</sup> 8  
 with same corr.

39.99

Set a post 3 ft. long 3 ins. diam with marked  
 stone, 12 ins, in the ground for  $\frac{1}{4}$  Sec. Cor.  
 marked  $\frac{1}{4}$  S. on N face, dug pits 18 x 18 x 12  
 ins. E and N of post  $5\frac{1}{2}$  ft. dist. and raised  
 a mound of earth  $1\frac{1}{2}$  ft. high.  $3\frac{1}{2}$  ft. base. around  
 post.

79.98

The Cor to Secs 5-6-7<sup>4d</sup> 8  
 Surface level  
 Sail  $\frac{1}{2}$  rate  
 Brass gourd

J. 22 N. R. 5 Th & 5 R. 7th

Columns

Met on a random line bet.  
Secs 6 and 7  
Yrs 14° 15' E

40,00

SW temporary 1/4 Sec Cor.

78.90

Intersect the N. By of the  
T<sup>h</sup>. 5 Sec. 5 of the Cor. to Secs  
1-6-7 and 12 recently established  
by new from which Cor. I own  
S 89° 59' E on a true line bet  
Secs 6 and 7 with same ver

38.90

Set a post 3 ft. long 3 ins. diam with marked  
stone, 12 ins. in the ground for 1/4 Sec, Cor,  
marked 1/4 S. on N face, dug pits 18 x 18 x 12  
ins. E and W of post 5 1/2 ft. dist. and raised  
a mound of earth 1 1/2 ft. high. 3 1/2 ft. base. around  
post

7.8, 90

The Cor to Secs 5-6-7-8  
Surface level  
Soil 1<sup>st</sup> rate  
Grass good

T. 22 N. R. 5 W. Y. and S. R. M

Plans

North on ~~or~~ random line bet Secs  
5 and 6

7 or 10° 15' E

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor.

51.10 Cross A & B. R. R. Trs. N. 78° W <sup>and</sup>  
S. 78° E

80.03 Intersect the N. Ry of  $\frac{1}{2}$  Sec 12  
N. of the Cor. to Secs 5-6-31 <sup>and</sup> 32  
recently established by me  
from which Cor. I run S. 00° 5' W.  
on a true line bet Secs 5 & 6  
with same run

40.03 **Set a post 3 ft. long 3 ins. diam with marked  
stone, 12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor,  
marked  $\frac{1}{4}$  S. on N face, dug pits 18 x 18 x 12  
ins. N and S of post  $\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft. high.  $3\frac{1}{2}$  ft. base. around  
post.**

80.03 The Cor to Secs 5-6-7 <sup>and</sup> 8  
Surface level

T. 22 N. R. 5 N. E. 4 S. R. 7 W

Chenix

Sail 1<sup>st</sup> rate

Grass land

I carefully examined the  
adjustments of my solar com-  
pass to day particularly the  
latitude and reversing appu-  
ratus and found them correct

December 10<sup>th</sup> 1870

# General Description

The surface of this township varies from mountainous to level.

The western parts contains a portion of Lewis valley, which affords fine grazing and water for feed in at a depth of from 25 to 1200 ft.

The Atlantic and Pacific R.R. passes through the northern part.

The soil is mostly good rate.

There is a dense growth of cedar in the S. and E. parts

See

For Final Oaths see Book No. 1078

LIST OF NAMES **BOOK** 1078

A List of the Names of Individuals employed by

*J. J. Smith* U. S. Deputy Surveyor to  
assist in running, measuring and marking the lines and

corners described in the foregoing Field Notes of the survey of  
the *Estimor, Standard, Meridian and subdivision*

lines of *Tps. 17 & 18 N. R. 7. Tps. 19 & 20 N. R. 1 and 2 W.*

*Tps. 20 & 21 N. R. 12 & 13 W. Tps. 21 & 22 N. R. 12, 14 & 15 W.*

*Tps. 22 & 23 N. R. 1, 2, 3, 4 and 5 W. and Tps. 23 & 24 N.*

*R. 17 W. and Range 2 W.*

of the principal base and meridian in the Territory of Arizona,

showing the respective capacities in which they acted. *John C. Smith*

*Joseph W. Richards, Willi Funkhammer*

*John H. Cochran, Fred A. Ward* ..

*David W. Weigl, Frank J. Hardy* ..

*Tom Oliphant, David M. Braswell* Admin

*Joseph B. Livasidge, Edwin D. Meeker* Admin

*James E. Pawley, James Anderson* Hagmen



Final Oaths of Assistants.

We hereby certify that we assisted Joseph  
J. Smith U. S. Deputy Surveyor, in surveying  
The Meridian Standard and subdivision line of Tps.  
17 and 18 N. Rs. 17. Tps. 19 N. Rs. 1 and 2 N. Tps. 20 N.  
Rs. 1, 2 and 3 N. Tps. 21 N. Rs. 1, 2, 3, 4, 5 N. Tps. 22  
N. Rs. 1, 2, 3, 4 and 5 N. and Tps. 23 N.  
R. 1 N. and Range 2 N.

of the principal base and meridian in the Territory of Arizona,  
as are represented in the foregoing field notes as having been  
surveyed by him and under his direction; and that said Survey  
has been in all respects, to the best of our knowledge and belief,  
well and faithfully surveyed, and the corner monuments es-  
tablished according to the instructions furnished by the U. S.  
Surveyor-General for Arizona.

*Johnston B. McLaughlin*  
*John C. Smith*  
Gustavus W. Richards Will Funn Chairman  
John H. Cochran Fred A. Ward Chairman  
David W. Weibel. Frank J. Star  
Joseph B. Swinidge Edward D. Meeker as men  
Tom Cliphant David N. Bramere as  
James E. Bowley James Anderson flagman

Subscribed and sworn to before me this 17th  
day of December 1883

John Gardiner  
Notary Public.

compr...

Final Oath of U. S. Deputy Surveyor.

BOOK 1078

I Joseph T. Smith

United States Deputy Surveyor, do solemnly swear that in

pursuance of instructions received from Joseph W Robbins U. S. Surveyor General for Ari-

zona bearing date of the 24<sup>th</sup> day of July

1883 I have well, faithfully, and truly, in my own proper person and in strict conformity, with the instructions furnish- ed by the U. S. Surveyor General for Arizona, the surveying

manual and the laws of the United States surveyed the Principal Meridian Through Tps 17, 18, 19, 20, 21, 22, and 23 N and the 5" Standard N through R's 1, 2, 3, 4, and 5 W and the 4" Standard N through R. 1 W and the 1<sup>st</sup> Auxiliary Meridian through Tps 21, 22 N exterior and subdivision lines of Tps 17, 18 N R 1 W Tps 19 N R's 1 and 2 W Tps 20 N R's 1, 2 and 3 W Tps 21 N R's 1, 2, 3, 4 and 5 W Tps 22 N R's 1, 2, 3, 4 and 5 W Tps 23 N R's 1 and 2 W

of the principal base and meridian in the Territory of Arizona, as are represented in the foregoing fields notes as having been surveyed by me and under my direction; and I do further solemnly swear that all the corners of the said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for Arizona, and in the

specific manner described in the field notes, and that the foregoing are the true field notes of such survey, and should any fraud be detected I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Joseph I. Smith  
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 17<sup>th</sup>  
day of December 1883.

John Gardner  
Notary Public.



Partial handwritten notes on the left margin, including the letters 'G', 'D', and 'L'.

BOOK 1078

## U. S. Surveyor General's Office,

Tucson, Arizona, *Feb'y 13*, 1884

The foregoing Field Notes of the Survey of the

*Subdivision Lines of  
Township 22 North  
Range 5 West*

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
ted by *J. D. Smith*

Deputy Surveyor, under his contract of the *24<sup>th</sup>*

day of *July*, 188*3*, having been

critically examined and the necessary corrections and explana-  
tions made, the said Field Notes and the surveys they describe

are hereby approved

*Royal A. Johnson*  
Surveyor General.