

"A."

E. W. AND S BOUNDARIES  
T. 28 N. R. 2 E.  
WEST BOUNDARY  
T. 27 N. R. 2 E.

1383


J. B. POPE

4-671

BOOK 1383

FIELD NOTES  
GENERAL LAND OFFICE.

No. 1383



BOUNDARIES OF T28NR2E

Latitudes and Departures, Closing errors.

Line Designated	True Bearing Dist	Latitude		Departure		W
		N	S	E	W	
7 <sup>th</sup> S 1/4 par 1 N	West					4777.92
W. Bay Tp	South		480.00			
S. Bay Tp	N 89° 59' E	0.21		481.15		
E. Bay Tp	North	480.00				
Convergence						52
Totals		480.21	480.00	481.15	478.44	478.47
Error in lat		21				
			Error in Dep.	271		

J. B. Pope. Contract No. 75

Field Notes  
of the survey of the  
E., N., & S. boundaries  
of  
T. 28, N., R. 2, E. &  
frac. N. bdy. T. 27, N., R. 2, E.,  
of the  
G. & D. R. B & M.  
Arizona

as surveyed by  
James B Pope,  
U. S. Dep. Surveyor.

under his Contract No. 75.  
dated June 13<sup>th</sup> 1900.

Survey commenced Sept 28<sup>th</sup> 1900.  
Survey completed Oct. 6<sup>th</sup> 1900.



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7<sup>th</sup> Standard Paralel N.

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ex

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West Boundary  
T28. NR 2 E.

Chains

Survey commenced September 28<sup>th</sup> 1900 and executed with a J. L. Sala Surveyors Transit. No. 889 with Saegmüller Solar Attachment.

The horizontal limb is provided with two double verniers placed opposite to each other reading to thirty seconds, which is also the least count of the vertical or declination arc.

The instrument was examined tested on the true meridian at Tucson Arizona, found correct and was approved



by the Surveyor General for  
Arizona Sept. 25<sup>th</sup> 1900.

I examine the adjustments  
of the transit and correct  
the level and collimation  
errors: then to test the  
solar apparatus by comparing  
its indications resulting  
from solar observations  
made during A. M. and  
P. M. hours with a true  
meridian determined by  
observations on polaris,  
I proceed as follows:  
Sept. 28<sup>th</sup> at a point on  
the seventh Standard  
parallel north 2.08 chains  
West of the Standard corner  
to Tps. 29 N Rs. 1 and 2 E

West Boundary T<sup>28</sup>N R<sup>2</sup>E

Chains latitude  $35^{\circ}49'12''$ <sup>123</sup> N  
 longitude  $112^{\circ}09'21''$ <sup>12 42.9</sup> W,  
 at 2<sup>h</sup> 58<sup>m</sup><sup>h.m.</sup> l. m. t., I set  
 off  $2^{\circ}06''$  declination  
 and  $54^{\circ}11'$  colatitude on  
 the vertical arc (these  
 settings being the nearest  
 practicable to the three  
 minutes and fractions  
 thereof required): determine  
 with the solar a true meridian  
 and mark a point thereof  
 with a stake driven in a  
 stake set firmly in the  
 ground 5 obs. North of locn.  
 — At 7 h. 6<sup>m</sup><sup>P.m.</sup> by my  
 watch, which is 10 minutes  
 fast l. m. t., I observe  
 polaris at eastern elongation



Chains in accordance with Manual  
of Instructions and mark  
a point on the line thus  
determined by a tack driven  
in the ground east of the  
point established during  
the previous afternoon  
Sept. 28<sup>th</sup> 1900

Sept 29<sup>th</sup> at 9. ~~a.~~ m. l. m. t.  
I lay of the azimuth of polaris  
 $1^{\circ}30'30''$  to the west and mark  
the true meridian thus determined  
by a tack driven in a stake  
firmly set in the ground west  
of the point established last  
night. At 9.30<sup>a.m.</sup> l. m. t. I  
set  $2^{\circ}24'$  declination and  
 $54^{\circ}11'$  latitude and mark

## West Boundary T28 N R 2 E

chains. a point on the true Meridian determined with the Solar by a bark driven in the stake set yesterday 5 obs. No. of my station. This point falls 0.5 of an inch West of the true meridian established by the Polaris Observation. The solar apparatus by p. m. and a. m. observations, defines positions for true meridians respectively about 0'30" East and 0'30" West of the true Meridian established by Polaris observations, therefore I conclude the adjustments of the Instrument are satisfactory.

The magnetic bearing of the

Chains true meridian at 10 a. m. is  
 $N 14^{\circ} 46' W$  which reduced  
 by the table page 100 of the  
 Manual gives the mean mag.  
 decl.  $14^{\circ} 45' E$ .

I begin at the Standard corner  
 of Tns. 28 N R. 1 and 2 E.

~~which I establish setting~~

a limestone  $18 \times 12 \times 6$  ins.  
 10 ins. in the ground marked

C. C. 28 N on S., R 1 E.

on W, R 2 E. on E. faces  
 with 6 notches on E., W. and

S. faces, dug pits  $30 \times 24$   
 $\times 12$  ins. crosswise on each

line. E. and W. 4 ft. and  
 S. of some 8 ft. distant

and raise a mound of earth

Thence to 200 ch.  
 where it is set



## West Boundary of T28N R2E.

Chains 5 ft. base  $2\frac{1}{2}$  ft. high S. of  
Cor.

Thence I run

South bet. Secs. 1 and 6

over level open land

18.00 foot of ascent, enter timber  
E + W.

23.00 North slope of steep ascent

26.00 top of limestone ridge, dense  
underbrush with scattering  
Pinon and Cedars.

32.00 ascend North slope of ridge

39.00 top of ridge and descend

40.00 set a cedar post 4 ft. long  
3 ins. sq. in a mound of  
stone  $2\frac{1}{2}$  ft. high 4 ft. base  
marked  $\frac{1}{4}$  S' 6 on E and  
 $\frac{1}{4}$  S' 7 on W faces.

A pinon tree 20 ins diameter

Charno bears  $N 44^{\circ} 10' E$ , 126  $\frac{1}{2}$  lks dist  
marked  $\frac{1}{4} S' 6 B I$ .

A pinon 6 ins diam. bears  
 $S 44^{\circ} 15' E$ , 24 lks dist. marked  
 $\frac{1}{4} S' 6 B I$ .

47.00 Cross dry wash 10 lks wide  
course  $S 40^{\circ} E$  and ascend  
across N W slope

55.00 level land sage and cat  
claw brush with scattering  
pinon and cedar

59.50 descend

77.00 steep descent

78.00 dry wash 30 ft. deep course  
 $S 45^{\circ} W$

80.00 set a cedar post 5 ins. sq.  
 $3 \frac{1}{2}$  ft. long 12 ins. in the  
ground with stone mound  
18 ins. high 3 ft. base

West Boundary T<sup>28</sup> N R<sup>2</sup> E,

- Chains around post for cor. of  
 Secs. 6-7-1-12 marked  
 T<sup>28</sup> N S<sup>6</sup> on N E,  
 R<sup>2</sup> E S<sup>7</sup> on S E,  
 R<sup>1</sup> E S<sup>12</sup> on S W,  
 T<sup>28</sup> N S<sup>1</sup> on N. W. faces with  
 1 notch on N. and 5 <sup>notches</sup> on S.  
 edges, from which  
 A cedar tree 7 ins. diam.  
 bears S 70° 45' E. 50 Mts <sup>dist.</sup>  
 marked T. 28. N. R. 2 E. S. 7. B. T.  
 A pinon tree 20 ins. diam.  
 bears S. 17° 30' W 180 Mts <sup>dist.</sup>  
 marked T. 28. N. R. 1 E. S. 12. B. T.  
 A pinon tree 14 ins. diam.  
 bears N 44° 20' W 95 Mts <sup>dist.</sup>  
 marked T. 28. N. R. 1 E. S. 1. B. T.  
 A pinon tree 10 ins. diam.  
 bears N 32° 50' E 114 Mts <sup>dist.</sup>  
 marked T. 28. N. R. 2 E. S. 6. B. T.



Chains. Land mountainous and level  
Soil strong and loam 3<sup>rd</sup>  
and 4<sup>th</sup> case.

Timber. pinon and cedar.

Mountainous land with  
timber and dense underbrush  
62 chs.

Sept. 29<sup>th</sup> 1900

Sept. 30<sup>th</sup>: At 7 h. 30 m. a. m.  
l. m. t. I set of  $2^{\circ} 45'$   
declination and  $54^{\circ} 12'$   
elevation on vertical circle  
and determine a true meridian  
with the solar at cor. of  
Secs 1-6-7-12.

Thence I run

South bet. Secs. 7 and 12  
over rough ground through

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## West Boundary T 28 N R 2 E.

- Chains. Pinon and cedar timber with sage and cat claw underbrush
- 1.50 dry wash 20 lbs wide course S 40° W and ascend slope 30 ft high
- 5.00 level land, dense underbrush
- 18.00 gradual descent
- 25.00 begin ascent gentle raise
- 40.00 set a cedar post 4 ins. sq. 3 1/2 ft. long 18 ins. in the ground marked 1/4 S 7° on E and 12 on W faces from which
- A pinon tree 6 ins diam bears East 26 lbs dist. marked 1/4 S 7 B T
- A cedar 10 ins. diam. bears S 87° 20' W 61 lbs dist. marked 1/4 S 12 B T.

West Boundary, T<sup>28</sup>N R<sup>2</sup>E.

Chains.

- 41.00 top of ascent  
 51.00 steep descent  
 55.00 descend over steep bluff  
 bears E. and W.  
 63.00 base of bluff and descent  
 73.00 cross dry Wash course S.W.  
 80.00 set a lime stone 22 x 10 x 5 ins.  
 12 ins. in the ground for  
 cor. of Secs. 7, 18, 12, 13.  
 marked with 4 Notches on  
 S, 2 Notches on N. edges:  
 dig pits 18 x 18 x 12 ins in  
 each Section 5½ ft. dist:  
 and raise a mound of earth  
 4 ft. base 2 ft. high West  
 of cor.

Land mountainous.

Timber pinon and cedar.



West Boundary T<sup>28</sup> N R<sup>2</sup> E

Chains Soil stony and loam 2<sup>nd</sup>  
and 3<sup>rd</sup> rate  
Dense undergrowth and heavily  
timbered land 80 chs.

Thence I run

South bet. Secs. 18 and 13

over rolling land through  
sage and cutslaw undergrowth

3.00 cross old wagon road course  
NE and SW

5.00 enter scattering timber, begin  
ascent

13.00 begins steep ascent 2 chs. high

17.00 top of ridge course E & W

18.00 begin descent

40.00 set a cedar post 3 1/2 ft. long  
4 ins. sq. 15 ins. in ground with  
mound of stone 18 ins. high

- Chains 4 ft. base around post  
marked '4 S' 18 on E, 13 on  
W face, from which  
A cedar 9 ins. in diam.  
bears S  $36^{\circ} 10'$  E 230 lks dist,  
marked '4. S. 18. B. T.'  
A cedar 5 ins. diam. bears  
S  $77^{\circ} 30'$  W, 142 lks dist,  
marked '4. S. 13. B. T.'
- 46.00 shallow dry wash 50 lks  
wide course S  $50^{\circ}$  W and  
ascend
- 58.00 top of high point
- 60.00 level land with sage brush
- 68.50 shallow dry wash course S. W
- 80.00 set a cedar post 4 ft. long  
4 ins. sq. 24 ins. in ground  
for cor. to Sers. 13, 18, 19, 24  
marked

West Boundary T<sup>28</sup> N R<sup>2</sup> E

Chains

T<sup>28</sup> N S<sup>18</sup> on N E.R<sup>2</sup> E S<sup>19</sup> on S E.T<sup>28</sup> N S<sup>13</sup> on N W.R<sup>1</sup> E S<sup>24</sup> on S W faces

with 3 Notches on N and S  
edges dug pits 24 x 18 x 12 ins.  
in each section 5 1/2 ft. dist.  
and raised mound of earth  
4 ft. base 2 ft high W of  
loc.

Land mountainous and  
level.

Soil loam and rocky <sup>2<sup>nd</sup></sup>  
and 4<sup>th</sup> rate.

Timber pinon and cedar,  
Mountainous heavily timbered  
and dense undergrowth land  
80 chains.



Chains

Thence I run

South bet. Secs. 19 and 24

over mountainous land

10.00 gradual descent

13.00 leave heavy timber and  
enter sage and catclaw  
brush15.00 dry wash 20 lbs deep 100  
lbs wide course West

16.00 begin ascent

30.00 gradual ascent, open  
ground36.00 enter sage and catclaw  
brush40.00 set cedar post  $3\frac{1}{2}$  ft.  
long 5 ins. sq. with mark  
apothecary 20 ins in the ground  
for  $\frac{1}{4}$  Sec. Cor., marked  
 $\frac{1}{4}$  S' 19 on E,  $\frac{1}{4}$  S' 24 on

## West Boundary of

chains

- W face: dug pits 24 x 18 x 10 in N. and S., raised a mound of earth 2 ft. high 4 ft. base latest of Cor.
- 50.00 begin gentle ascent
- 59.00 begin steep ascent 50 m high
- 60.00 enter heavy timber
- 67.00 summit of high ridge course E and W and descend
- 73.00 shallow wash 4 hrs. wide course N E and ascend
- 77.00 begin steep ascent
- 78.50 limestone ridge course E + S and descend
- 80.00 a cross chiseled on a rock in place projecting 2 1/2 ft above surrounding cliff base 4 x 3 ft, top 4 x 2 ft

T 28 N R 2 E.

Chains

for cor. of Secs. 19, 24, 25, 30  
marked on top

T 28 N. N. of cor.

R 2 E. East of cor.

R 1 E. West of cor.

2 Notches on S., 4 Notches on  
N. faces, from which

A cedar 5 ins. diam. bears

N  $10^{\circ}$  ~~S~~<sup>W.</sup> 11 lks dist. marked

T 28 N. R. 2 E. S 24 B. T.

A pine 7 ins. diam. bears

S  $2^{\circ}$  W 102 lks. dist. marked

T 28 N. R. 2 E. S. 25. B. T.

A cedar 6 ins. diam bears

N  $78^{\circ}$  E 74 lks dist. marked

T 28 N R 2 E, S 19 B. T.

No other trees within limits.

Raised a mound of stone

2  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft base



## West Boundary of

Chains

5 ft. West of Corn.

Land mountainous

Soil rocky and loam 2<sup>net</sup> & 4<sup>21</sup>  
rate.

Timber pinon and cedar

Mountainous heavily timbered  
land or dense undergrowth

80.00 chs.

September 30, <sup>19</sup>1900

October 1<sup>21</sup> At 8. a. m. l. m. &  
I set off declination  $3^{\circ}08'30''$   
and  $54^{\circ}15'$  colatitude on  
the vertical circle and  
determine a true meridian  
with the Solar at the  
Cor. of Secs. 19, 24, 25, 30.

— Thence I run

South bet. Secs. 25 &amp; 30

## T. 28. N. R. 2. E.

chains	<sup>of dense undergrowth</sup> descending through timber
2.50	foot of steep descent
7.00	dry wash course $\text{E}$ and $\text{W}$ and ascend
11.00	top of ascent and descend gradually
26.00	dry wash 125 lks wide course west
27.00	begin steep ascent 50 ft. high
37.00	top of ascent, leave timber $\text{E}$ and $\text{W}$
39.00	begin descent over stony ground
40.00	set a limestone 48 x 20 x 18 ins. 24 ins. in ground for $\frac{1}{4}$ Sec. Corn. marked $\frac{1}{4}$ on $\text{W}$ face and raised a mound of stones $2\frac{1}{2}$ ft high

25

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## West Boundary of

Chains.

3 ft. base West of corner,  
pits impracticable

41.00 descend gradually through  
stage ~~cut~~ cut clear brush and  
sundering timber

59.00 dry Wash 2 chs. wide course  
W

61.00 begin ascent

64.00 top of ascent

80.00 set a cedar post 4 ft long  
5 ins. sq. with marked stone

12 ins. in ground and erect  
a stone mound around it  
2 ft. high 3 ft. base for cor. a  
to Secs. 25. 30. 31. 36. marked

T. 28. N. S. 30 on N E.

R 2 E. S 31 on S E.

T 28 N S 25 on N W

R 1 E. S 36 on S W faces,



T. 28. N. R. 2. E.

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Chains.

5 Notches on N, and 1 Notch  
S. Edges; dry pits 24 x 18 x 12  
ins. in each Section, raised  
Mound of earth 2 ft. high  
4 ft. base W of Corn.

Land mountainous and level  
Soil rocky and loam

Timber pinon and cedar

Mountainous, heavily timbered  
land and dense undergrowth

80.00.

73.00 chs.

Trench I run

South bet. Sers. 31 & 36

Land rolling with <sup>dense</sup> sagebrush  
cut clear and scattering cedar

12.00 begin descent

25.00 shallow dry wash 2 chs. wide  
course W

27

23

## West Boundary of

Chains.	
27.00	begin ascent
38.00	top of limestone ridge bears E and W
40.00	set a limestone 18 x 12 x 8 ins. 8 ins. in the ground for $\frac{1}{4}$ Sect Cor. marked $\frac{1}{4}$ on W. face raised mound of stone 2 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft. base W of cor. fits impracticable
55.00	foot of descent, dry wash 100 lks wide course S 80° W, leave scattering cedar
56.00	begin ascent
68.00	top of ascent
69.00	begin descent over stony ground
74.00	cross dry wash 100 lks wide course S 85° W.
75.00	begin ascent over N W slope
80.00.	set a limestone 22 x 12 x 3 ins.

T. 28. N. R. 2. E. 28

Chains.

12 ins in the ground for  
 Cor. of Tps. 27 and 28 N,  
 Rs. 1 and 2 E., marked with  
 6 Notches in each edge, along  
 pits 24 x 24 x 12 ins. on each  
 line N., E. and W. 4 ft  
 and S. of stone 8 ft, raised  
 a mound of earth 5 ft. base,  
 2½ ft. high S. of Corn.  
 Land rolling and broken.  
 Soil stony and loam.  
 Timber scattering scrub-reds  
 Dense undergrowth 80. or cho.  
 October 1. 1900



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## East Boundary of

Chains.

October 2<sup>nd</sup> at 8<sup>h</sup> 10<sup>m</sup>. a. m. l. m.  
 I set off  $3^{\circ} 32'$  So. declination  
 and  $54^{\circ} 11'$  latitude on the  
 vertical circle and determine  
 a true meridian with the solar  
 at a point on the 7<sup>th</sup> standard  
 4.16 hrs. West of the Standard  
 Cor. for Tps. 29 N R S 2 and  
 3 E. as described by the  
 Surveyor General.

I set a cedar post  $3\frac{1}{2}$  ft. long  
 5 ins. sq. 20 ins. in the ground  
 for closing corner of Tps. 28 N  
 Rs. 2 & 3, E. marked  
 C.C. T 28 N on S,  
 R 2 E, S. 1 on W,  
 R 3 E, S 6 on E. faces, with  
 6 grooves on S, E, W faces,  
 from which

South Boundary T<sup>28</sup>N R<sup>2</sup>E:

Inns.

October 4<sup>th</sup>. At 10<sup>h</sup>. 15<sup>m</sup>. a. m. t.  
 l. m. t. I set off  $4^{\circ}30'54.2''$   $18.5$   
 on declination and  $54^{\circ}16'26''$  N  
 colatitude on the vertical  
 circle and determine a  
 true Meridian with the  
 Solar at the loc. of  
 Tps. 27 & 28 N Rs. 2 & 3 E.  
 Thence I run  
 West on a random line  
 along the South bdy of  
 T. 28. N. R. 2. E., setting  
 temporary  $\frac{1}{4}$  Sec. & Sec.  
 locs at intervals of 40.00  
 chs: and at 481. 15 chs.  
 intersect the Range line  
 21 lks N. of the loc. of  
 Tps. 27 & 28 N. Rs. 1 & 2 E,  
 where is a limestone 10x12x3ing

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## South Boundary of

chains.

above ground as previously described. The falling answers to a correction of  $0^{\circ}01'$  or  $3\frac{1}{2}$  fms per mile counting from the S E cor of the Tsp.

Oct. 4<sup>th</sup> 1900

October 5<sup>th</sup>. At 8 h. a. m. l. m. t. I set off  $4^{\circ}42'46.9''$  declination and  $54^{\circ}16'7''$  colatitude on the vertical circle, and determine a true meridian with the Solar at the cor. of Tns. 27 & 28 N. Rs. 1 & 2. E. Thence I run N  $89^{\circ}59'$  E bet Tcos. 6 & 31 over rolling land through



## T. 28. N. R. 2. E.

Chains.	dense undergrowth
5.00	begin ascent
30.00	top of ascent
41.15	set a limestone 12 x 8 x 6 ins, 9 ins. in the ground for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N face, dig pits 18 x 18 x 12 ins. E & W of stone 3 ft. dist, raise mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high No. of Cor.,
54.00	gradual ascent
73.00	enter open ground
81.15	set a limestone 28 x 12 x 6 ins, 12 ins. in the ground for cor., of Secs. 5. 6. 31. 32. marked with a notch on W and 5 Notches on E edges: dig pits 18 x 18 x 12 ins. in each

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chains

## South Boundary of

Section 5½ ft. dist. and  
raise a mound of earth  
4 ft. base, 2 ft. high N.  
of Corn.

Land: rolling

Soil: loam and rocky 3<sup>rd</sup>  
and 4<sup>th</sup> rate.

Dense undergrowth - - 73.00 chs.

Thence I run

N 89° 59' E bet. Secs. 5 & 32  
over rolling ground

30.00 enter dense undergrowth &  
scattering cedars.

31.00 begin gradual ascent

40.00 set limestone 12 x 8 x 6 ins.

8 ins. in the ground for  
¼ Sec. Cor. marked ¼

on N face, dig pits 18 x 18  
x 12

## T. 28. N. R. 2. E.

chains.

ins. E. ~~of~~ W. of stone 3 ft. dist.  
and raise a mound of earth  
3½ ft. base 1½ ft. high No.  
of Corn.

60.00 begin descent

71.00 enter dry Wash course SW.

73.00 leave dry Wash

74.00 begin ascent

80.00 set a limestone 20 x 14 x 12 ins.  
10 ins. in the ground for cor.  
of Secs. 4, 5, 32, 33 marked  
with 4 notches on E and 2  
notches <sup>on</sup> W edges, dig pits  
18 x 18 x 12 ins. in each section  
5½ ft. dist. and raise a  
mound of earth 4 ft. base  
2 ft. high No. of Corn.  
Land; level and rolling.



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## South Boundary of

Soil: loam and rocky  
3<sup>rd</sup> & 4<sup>th</sup> race.

Dense undergrowth 50.00 hrs.

## Thence I run

N. 89° 59' E bet. Secs. 4 & 33  
over level land <sup>through growth</sup> through dense.

10.00 pass along S. side of  
dry Wash

40.00 set limestone 18x8x6 ins,  
10 ins. in the ground for  
 $\frac{1}{4}$  Sec. cor. marked  $\frac{1}{4}$   
on N face dig pits 18x18x12  
ins. E and W of stone 3 ft.  
dist. and raise a mound  
of earth 3 ft. base 1 $\frac{1}{2}$  ft  
high No. of cor.

42.00 enter scattered timber

70.00 leave scattered timber

## T. 28. N. R. 2. E.

Grains

and undergrowth

80.00

set limestone 36 x 20 x 6 ins.  
 15 ins. in the ground for  
 Cor. to Sets. 3, 4, 33, 34,  
 marked with 3 Notches on  
 the E and 3 Notches on the  
 W edges, raised a mound  
 of stone 3 ft. base 2 ft. high  
 N of Cor. pits impracticable

Land: level and rolling

Soil: rocky 3<sup>rd</sup> & 4<sup>th</sup> rate

Sense undergrowth 70.00 chs.

October 5<sup>th</sup> 1900

October 6<sup>th</sup>. At 7 h. 55 m.  
 a. m. l. m. &. I set off

5° 0' 4" S. declination and

54° 16' 7" latitude on

the vertical circle and.

## South Boundary of

Chains.

determine a true meridian  
with the solar at the corn.  
of Secs. 3, 4, 33, 34,

Thence I run

N.  $89^{\circ} 59'$  E bet. Secs. 3 & 34

- 5.00 enter scattered timber with  
dense undergrowth
- 10.00 begin gradual ascent
- 20.00 top of ascent
- 22.00 begin abrupt rocky ascent  
30 ft. high bears No. & So
- 28.00 top of ascent
- 39.50 cross wagon road course  
N & S
- 40.00 set limestone  $20 \times 8 \times 6$  ins,  
10 ins. in the ground for  
 $\frac{1}{4}$  Sec. cor. marked  $\frac{1}{4}$   
on N face and raised  
a mound of stone 2 ft.



## T. 28. N. R. 2. E.

Inches

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

43.00 begin ascent

53.00 top of ascent

54.00 leave scattered timber  
and descend

61.00 dry wash 15 ft. deep 2.50 <sup>or</sup> 3  
wide loose so.

80.00 set limestone  $20 \times 10 \times 8$  ins.  
12 ins. in the ground for  
cor. to Secs. 2. 3. 34. 35  
marked with 4 notches on  
the W and 2 notches on the  
E edges, 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  
N. of cor.

Land: level and broken.

## South Boundary of

chains.

Soil: rocky 3<sup>rd</sup> & 4<sup>th</sup> rate  
 Dense undergrowth 75 chs.

Thence I run

N 89° 59' East bet. Secs. 2 &amp; 3.

7.00 enter dense undergrowth

30.00 dry wash 10 ft. deep 1 ch.  
wide course S 40° W.

40.00 set limestone 28 x 15 x 4 ins,  
 12 ins. in the ground for  
 1/4 Sec. cor. marked 1/4 on  
 N. face, dig pits 18 x 18 x 12  
 ins. E and W of stone 3 ft  
 dist. and raise a mound of  
 earth 3 ft. base 1 1/2 ft. high  
 No. of Corn.

74.00 begin gradual descent

80.00 set limestone 18 x 15 x 10 ins,  
10 ins. in the ground for

T. 28. N. R. 2. E.

chains.

Cor. to Secs. 1. 2. 35. 36  
 marked with 5 Notches on  
 W and 1 notch on E edges  
 dry pits 18 x 18 x 12 ins. in  
 each section 5 1/2 ft. dist.,  
 raise a mound of earth  
 4 ft. base 2 ft. high N. of  
 cor.

Land: level and broken.

Soil: rocky 3<sup>rd</sup> & 4<sup>th</sup> rate

No timber.

Dense undergrowth -- 73.00 chs

Thence I run

N 89° 59' East bet. Secs. 1 & 36

5.00

cross dry wash 10 ft deep

3 chs wide course S 35° W

10.00

begin gradual ascent

20.00

leave undergrowth



## South Boundary of

chains.

40.00

set limestone 16 x 9 x 5 ins.  
 10 ins. in the ground for  
 $\frac{1}{4}$  Sec. Corn. marked  $\frac{1}{4}$   
 on N face dig pits 18 x 18 x 12  
 ins. E and W of stone 3 ft  
 dist and raise a mound  
 of earth 3 ft base 1  $\frac{1}{2}$  ft.  
 high No. of Cor

42.00

begin gradual ascent and  
 enter scattered timber and  
 dense undergrowth

50.00

top of ascent bears N  $\frac{1}{2}$  S.

61.00

cross dry wash 15 ft deep  
 2 chs. wide course so.

80.00

The Cor. to Tps. 27 & 28  
 N, Rs. 2 & 3, E.

Land: level and rolling.

Soil: loam and rocky.

2<sup>nd</sup> & 4<sup>th</sup> rate.

T. 28. N. R. 2. E.

Maine

Timber: cedar.

Dense undergrowth - .58 chs.

2 P.M. October 6<sup>th</sup> 1900W. Bdy T<sup>27</sup> N R<sup>2 E</sup> Fractional.October 6 at 4 P.M. I met J set  
off 5° 12' decl and 54.16 co. lat.and determine a true meridian  
with the solar at cor of Tps27 and 28 N R<sup>2</sup> and 3 E

Thence I run

S bet secs 1 and 6

over level land

11.00 wagon road bears N.E. and  
S.W.

39.00 Dry wash 2 chs wide course S 60° W

40.00 Set a limestone 15 x 14 x 12 ins 12 ins  
in the ground for 1/4 sec cor marked

1/4 on W face dug pits 18 x 18 x 12 ins

Rands of stone 3 1/2 ft dist and

raised a mound of earth 4 ft base

## West Bdy Tp. 27. N. R. 2. E.

41.00

1 1/2 ft high W of cor.

cut in dense undergrowth bears N and S.

80.00

Set a limestone 22 x 12 x 6 ins  
12 ins in the ground for cor  
of sees 1. 6. 7. and 12 marked  
with 1 notch on N and 5 notches  
on S edges dig pits 18 x 18 x 12  
ins in each see 5 1/2 ft dist  
and raise a mound of  
earth W of cor.

Land level and rolling  
Soil loam and rocky 2<sup>nd</sup>  
and 4<sup>th</sup> rate

No timber

Dense undergrowth 39.00 Chs.

October 6 1905.



BOOK 1383

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APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GEN'L,

Tucson, Arizona, *March 5* 1901.

The foregoing field notes of the survey  
of the E. T. & S. Boundaries of T 28  
N. R. 2 E. 1st West Dip. of T 27 N. R. 2 E.

The Gila & Salt River Meridian

executed by *James B. Pope D.S.*

under his contract No. *75*, dated *June 13, 1900*,

having been critically examined, and the ne-  
cessary & corrections and explanations made,

the said field notes, and the surveys they

describe, are hereby approved.

*George Christ*

U. S. Surveyor General for Arizona.