

Recd July 18. 93.

P. 1

PL. 2

1722

BOOK 1722

1722

4-671

FIELD NOTES

~~GENERAL LAND OFFICE.~~

of the

2<sup>nd</sup> Standard Parallel South

through

Ranges 4, 5, 6, 7, 8 and 9, West -  
Arizona.

By Lewis Wolfley, Cont: No 25.

Dated Janry: 16. 1893.

Survey Commenced Apr. 9. 1893

" Completed Apr. 15. 1893



2<sup>nd</sup> Stand. Pr. S. Through. Range 4<sup>W</sup> 1722

Harris

50.50 Wash 50 lks. wide course N.E.  
and ascend rapidly

80.00 Set a limestone 16x12x8 ins. 11  
ins. in the ground for Stand  
lev. to Sec. 34 and 35 marked  
S on N. and 2 notches on E.  
and 4 notches on W. faces  
and raised a mound of  
stone 1 1/2 ft. high 2 ft. base  
alongside

Pits infracticable  
Land mountainous & rocky  
Soil worthless  
Scattering Pals Verde + Lacti.

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2<sup>nd</sup> Standard Parallel South

Charris West on S. bdy of Sec. 34  
 GA 13° 30' E.

ascend abruptly

17.00 Top of N. slope cor. N. & S.  
 800 ft. high and descend

40.00 Set a Gualpais stone 22x18  
 x 10 ins. 15 ins. in the ground  
 for Stand 1/4 Sec. cor. marked  
 S. C. 1/4 on N. face, and raised  
 a mound of stone 1 1/2 ft.  
 high 2 ft. base alongside  
 Puts impracticable

70.00 Foot of ridge and cross  
 mark 30 lbs. wide course N. E.  
 and ascend

80.00 Set a Limestone 15x10x6  
 ins. 10 ins. in the ground  
 for Stand cor. to Secs. 33 & 34  
 marked S. C. on N. and

# Through Range 4 West

3 notches on E & W. faces and  
 raised a mound of stone  
 1 1/2 ft. high 2 ft. base alongside  
 Pits impracticable  
 Land mountainous & rocks  
 Soil worthless  
 Scattering Mesquite and cacti

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West on S. vdy. of Sec 33  
 Va 13° 30' E

ascend abruptly

16.00 Top of S. end of ridge bis  
 N and S. and descend  
 over cliffs

29.50 Wash 30 ft. wide course  
 S.W. and ascend abruptly  
 rugged rock slope

40.00 A Boulder in place 4x3x1

2<sup>nd</sup> Standard Parallel South

Churnis ft above ground which I mark with a cross (+) at exact cor. front, also I. b. 14 on N. face. for Stand. 44 Sec. Cor. and raised a mound of stone 1 1/2 ft. high 2 ft. base alongside

Path impracticable  
and continue ascent

44.50 Top of rock ridge 1200 ft. high bet. N. and S. and descend.

53.00 Wash 30 lks. wide course W. and ascend

80.00 a Rock in place 4x4x2 ft above ground which I mark with a cross (+) at exact cor. front. also I. b. on N.



## Through Range 4 West

Main with 4 notches on E. and 2  
notches on W. faces for Stand.  
lev. to Secs 32 and 33 and  
raised a mound of stone  $1\frac{1}{2}$   
ft. high 2 ft. base alongside

Pits impracticable

Land mountainous rocks

Soil Worthless

Scattering Palo Verde & Sage  
Cacti.

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The last corner stands on  
a ridge 1200 ft. high W. N. S.  
overlooking the Valley

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2<sup>nd</sup> Standard Parallel South

C Claims Country impossible  
for any animals, we  
had to track beds -  
water and grub.

It looked from this bar  
as though there was  
a pass through the  
range about 1 mile  
North and coming from  
the N.E. which we could  
not see from the East  
side of our line

April 9<sup>th</sup>/93

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## Through Range H 2000

Chain West on E. bdy. of Sec 32  
of T. 13° 30' E.

Descend from Ridge

32.00 Foot of ridge and cross  
wash 35 lks. wide course W  
and descend gradually

40.00 Set a limestone 18 x 14 x 8 ins  
12 ins. in the ground for  
stand. 1/4 Sec. cor. marked  
S. 6' 14 on N. face, and raised  
a mound of stone 1 1/2 ft.  
high 2 ft. base alongside  
Pits infracturable  
and continue gradual  
descent

71.00 Wash 50 lks. wide course N.W  
and ascend

75.00 Low rocky ridge bet. N.W +  
S.E. and descend

2<sup>nd</sup> Stand. Parallel South

Cherins

80.00 Set a limestone 14x12x10  
 in 9 ins. in the ground  
 for Stand. Cor. to Secs  
 31 and 32 marked S.B.M  
 N. with 5 notches on E. end  
 1 notch on W. face, and  
 raised a mound of  
 stone 1 1/2 ft. high 2 ft. base  
 alongside

Pite impracticable

Land mountainous & desolate

Soil worthless

Scattering greasewood  
 and cact

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## Through Range + West

Chain West on S. bdy. of Sec 31  
 Ya  $13^{\circ}30'E$

Descending over stony ground

27.00 Wash 25 lps. wide course N.W

40.00 Set a lime stone  $15 \times 14 \times 10$  ins

12 ins. in the ground for

Stand. 44 Sec. Cor. marked

S. 6 1/4 on N. face, and raised

a mound of stone  $1 1/2$  ft.

high 2 ft. base alongside

Pits infracticable

And descend

57.00 Enter washed ground

72.00 Leave washed ground

80.00 Set a post  $4 1/2$  ft. long 4 ins

square with marked stone

12 ins. in the ground for cor

to Tps. 9, S. R. 4 and 5. West

marked



2<sup>nd</sup> Stand. Cor. C. Through R. 4 West

Chains S. 6. T. 9. S. on N  
 R. 4. W. S. 31. on E. End  
 R. 5. W. S. 36. on W. faces with 6  
 notches on N. E. & W. faces  
 and raised a mound of stone  
 1/2 ft high 2 ft. base alongside  
 Pt's impracticable  
 From which an Ironwood 10 mi  
 clear by N 15° E. 45. lks. dist  
 marked S. 6. T. 9. S. R. 4. W. S. 31. C. 5  
 Land mountainous rocks  
 Soil worthless  
 Scattering Palo Verde & bacte

I took an observation on the  
 Sun. and found the latitude  
 to be  $32^{\circ} 35'$  and the variation  
 $13^{\circ} 36'$  and found my instrument  
 to be in perfect adjustment

See page 187 - April 10<sup>th</sup> 1895

2<sup>nd</sup> Stand. Par. S. Through Q. 5. West

From the Stand. Cor. to Top  
 of South Q. 4 and 5 West  
 just established by me  
 I run  
 West on S. bdy. of Sec 36.  
 Ga  $13^{\circ} 36' E$ .

Descending gradually

40 Enter wash course W

1.85 Leave wash course S.W. and  
 Foot of rock bluff ascend  
 gradually

24.00 Wash 10 ft. wide course N

32.00 Ascend rapidly

37.35 Top of rocky ridge 200  
 ft. high bet N and S.  
 and descend

40.00 A Boulder in place 5 x 4 x 2  
 ft. above ground which I  
 mark with a cross (+) at

2<sup>nd</sup> Standard Parallel South

c Churns exact cor front and  
 S.C. 1/4 on N. face for Stand.  
 1/4 Sec. cor. and raised  
 a mound of stone 1 1/2 ft.  
 high 2 ft. base alongside

Pits impracticable  
 and continue descent  
 Table Top Mountain br.  
 North from this cor

45.00 Foot of descent and enter  
 4 plain descending to N.W.

80.00 Set a Malpais stone 24 x  
 12 x 10 ins. 18 ins. in the

53 ground for Stand. lev. to  
 Sec 35 and 36 marked

80 S.C. on N. with 5 notches  
 on W. and 1 notch on E.  
 face and raised a mound  
 of stone 1 1/2 ft. high 2 ft.



## Through Range 5 West

Chains base alongside

Pits impracticable

Land Hs. chs. Mountainous

" 35. rocky mesa

Soil worthless

Scattering greasewood &  
leact.

West on S. body of Sec 35 -  
Pd  $13^{\circ} 36' E$ .

Over plain slightly descending  
30.00 Wash 40 lks. wide Course Westerly  
40.00 Set a limestone  $18 \times 12 \times 6$  ins  
12 ins. in the ground for  
Stand 14 Sec. Cor. marked  
S. C. 14 on N. face, and  
raised a mound of stone  
 $1\frac{1}{2}$  ft. high 2 ft. base alongside

2<sup>nd</sup>/<sub>1</sub> Standard Parallel SouthC<sub>1</sub> Secs

Pits impracticable

47.00

Wash course N. westerly  
40 fms. wide (same as other)

80.00

Set a Malpais stone 22x  
16x9 ins. 15 ins. in the  
ground for Stand. Cor. toSecs. 34 and 35, marked  
S.E. on N. with 2 notches  
on E. End 4 notches on W  
faces, and raised a mound  
of stone 1 1/2 ft. high 2 ft. base  
alongside

4

Pits impracticable

5

Land slightly descending  
Soil 4<sup>th</sup>/<sub>1</sub> rate

80

Scattering greasewood  
and locust

## Through Range 5-2000

Clearing West on S. bdy. of Sec. 34  
 Pa 13°36'E

Over gravelly plain

40.00 Set a limestone 16x12x8 ins

11 ins. in the ground for  
 Stand 14 Sec. Cor. marked  
 S.C. 14. on N. face, and raised  
 a mound of stone 1 1/2 ft.

high 2 ft. base alongside  
 Pits impracticable

45.50 Road to White Tanks, about  
 5 miles S. less N. End S.

80.00 Set a limestone 16x12x8

ins. 11 ins. in the ground  
 for Stand. Cor. to Secs. 33 & 34

marked S.C. on N. with 3  
 nodules on E & W. faces and  
 raised a mound of stone 1 1/2  
 ft. high 2 ft. base alongside



2<sup>nd</sup> Standard Parallel South

C. Chorris

Land gravelly plain.  
Probably soil under ground  
Scattering grassweed 'baste'

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West end, bdy. of Sec 33  
Ta 13° 36' E.

40.00 Set a limestone 14 x 14 x 10  
ins. 9 ins. in the ground  
for stand. 1/4 sec. Cor  
marked S. C. 1/4 on N. face  
and raised a mound of  
stone 1 1/2 ft. high 2 ft. base  
alongside.

Pits impracticable

8 80.00 Set a limestone 16 x 8 x 6  
ins. 11 ins. in the ground  
for stand. Cor. to Sec  
32 and 33 marked S. C. on N

Through Range 5 - west

Churnis with 4 notches on E and 2  
notches on W. faces and  
raised a mound of stone  
1 1/2 ft. high 2 ft. base alongside  
Pits impracticable  
Land gravelly plain  
Soil poor  
Scattering greasewood <sup>and</sup> Cocti

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West on S. bdy. of Sec 32  
89° 13' 30" E

Over gravelly plain

40.00 Set a limestone 14 x 12 x 8  
ins. 9 ins in the ground for  
Stand. 44 Sec. Cor. marked P. C  
1/4 on N. face. and raised a  
mound of stone 1 1/2 ft. high  
2 ft. base alongside

2<sup>nd</sup> Stand. Parallel. South

Charnis Pits impracticable

80.00 Lava limestone 10x10x8  
ins. 10 ins. in the ground  
for <sup>stand</sup> "leir to Secs. 31 and 32  
marked A. on N with  
5 notches on E and 1  
notch on W. faces and  
raised a mound of stone  
1 1/2 ft. high 2 ft. base  
along side

Pits impracticable  
Land gravelly siliceous  
Soil under gravel  
Scattering of greasewood  
And leacti

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Through Range 5 West

chain West on S. bdy. of Sec 31

Pa 13° 30' E.

Over gravel mesa

40.00 Set a limestone 14 x 10 x 8 ins  
9 ins. in the ground for stand.  
1/4 Sec. cor. marked S. E. 1/4 on  
N. face, and raised a mound  
of stone 1 1/2 ft. high 2 ft. base  
alongside

Pits infracticable

80.00 Set a foot 4 1/2 ft. long 4 ins  
square with marked stone  
12 ins. in the ground for stand.  
Cor. to Tps 9. S. R. 516. W. marked  
S. E. T. 9 S. on N

R 5. W. S. 31. on E. End

R 6. W. S. 36. on W. faces with 6  
notches on N. W. & E faces and  
raised a mound of stone 1 1/2 ft

2<sup>nd</sup> Strait Par. O. Through R. 5. West

Charms high 2 ft. base alongside

Pits unpracticable

Land gravel mesa

Soil under gravel

Scattering goosewood +  
bactr.

April 10<sup>th</sup> 1873

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2<sup>nd</sup> Stand. Cor. S. Through. R. 6. West

charis From the Stand. Cor. to The  
 9. S. R. 5<sup>th</sup> and 6<sup>th</sup> W. just  
 establish

I run

West on S. ldy. of Sec. 36

Pal  $13^{\circ}42'E$

40.00 Set a post 3 ft long 3 ins.  
 square with marked stone  
 12 ins. in the ground for Stand.  
 1/4 Sec. Cor. marked S. 6. 1/4 S  
 on N. face, dug pits 18x18x12  
 ins. E & 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

43.00 Wash 40 lks. wide course N.W

50.00 Set a post 4 ft. long 4 ins  
 square with marked stone  
 12 ins. in the ground for



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2<sup>nd</sup> Standard Parallel South

Chains Stand. Lev. to Secs 35<sup>th</sup> and 36<sup>th</sup>  
marked

S. C. T. 9. S. Q. 6. W. on N

S 36. on E End

S 35. on W faces with 1

notch on E. End 5 notches

on W. faces. dug pits 18x18

x 12 ins. N. E. & W. of foot 5 1/2

ft. dist. and raised a

mound of earth 2 ft.

high 4 1/2 ft. base around  
posts

Land level mesa

Soil 1<sup>st</sup> rate

Scattering greasewood brush

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## Through Range. 6 West

Chain West on S. bdy. of Sec. 35  
 Va 13° 42' E.

40.00 Set a post 3 ft. long 9 ins.  
 square with marked stone  
 pins in the ground for stand.  
 1/4 Sec. cor. marked S. C. 148,  
 on N. face, dug pit 18x18x12  
 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

52.50 Road from Gila Bend to Gun-  
 sight box N. 1 S

80.00 Set a post 4 ft. long 4 ins  
 square with marked stone  
 pins in the ground for  
 stand. cor. to Secs. 34 and 35  
 marked  
 S. b. T. 9. S. R. 6. W. on N

2<sup>nd</sup> Standard Parallel South

Dennis S 35 on E. end  
 S 34 on W. face with 2  
 notches on E. and 4 notches  
 on W. face. dug pits 15x15x  
 12 ins. N. E. W. of post 5 1/2  
 ft. dist. and raised a  
 mound of earth 2 ft. high  
 4 1/2 ft. base around post  
 Land level mesa  
 Soil 1<sup>st</sup> rate  
 Scattering greasewood brush

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West on E. bdy. of Sec 34  
 S 13° 42' E.

Over mesa

H.O. 00 Set a post 3 ft. long 3 ins  
 square with marked stone  
 12 ins. in the ground for



## Through Range 6 west

61.25 Stand.  $\frac{1}{4}$  Sec. @ m marked S.B.  
 $\frac{1}{4}$  on N. face, dug pits 18x18  
 x 12 ins. E & W. of post  $5\frac{1}{2}$  ft.  
 dist. and raised a mound  
 of earth  $1\frac{1}{2}$  ft. high  $5\frac{1}{2}$  ft. base  
 around post

61.25 Enter wash course N.W

78.00 Leave wash course same

80.00 Set a post 4 ft. long 4 ins  
 square with marked stone  
 12 ins. in the ground for Stand  
 corr. to Secs. 33 and 34 marked  
 S.B. T. 9. D. R 6. W. on N

S 34. on E. End

S 33. on W. faces with 3 notches  
 on E and W. faces dug  
 pits 18x18 & 12 ins. N. E. & W  
 of post  $5\frac{1}{2}$  ft. dist. and  
 raised a mound of earth

2<sup>nd</sup> Standard. Parallel South

Charris 2 ft. high 4 1/2 ft. base around  
post

Land level mesa

Soil 1<sup>st</sup> rate

Scattering grasswood and  
Palo Verde along wash

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West on S. bdy of Sec. 33  
T<sub>9</sub> 13° 42' E.

40.00 Set a post 3 ft. long 3  
ins. square with marked  
stone 12 ins. in the ground  
for stand. 44 Sec. C. marked  
N. 6. 14. on N. face and raised  
a mound of stone 1 1/2 ft.  
high 2 ft. base around post  
Cuts impracticable

80.00 Set a post 4 ft. long 4 ins

## Through Range. 6 West

cham: square with marked stone  
 12 ins. in the ground for stand.  
 loc. to Secs. 32 + 33 marked  
 S. T. 9. S. R. 6. W. m. 11

33. on E. End

32. on W. faces with 4 notches  
 on E and 2 notches on W. faces  
 dug pits 18 x 15 x 12 ins. N. E. & W  
 of post 5 1/2 ft. dist. and raised  
 a mound of earth 2 ft. high  
 4 1/2 ft. base around post  
 Land level mesa

Soil. 1 <sup>st</sup>/<sub>4</sub> rate

Scattered grasswood brush

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April 11<sup>th</sup> 1893.



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2<sup>nd</sup> Standard Parallel South

Charris

19.00 Foot of Malpais and ascend rapidly

29.00 Top of ridge, bet. N and S. about 500 ft. high and descend

40.00 a Boulder in place 5x3x2 ft. above ground which I mark with a cross (+) at exact cor. point and 1/4 lb. on face, for stand. 1/4 Sec. cor. and raised a mound of stone 1 1/2 ft. high 2 ft. base alongside

Pits impracticable

41.00 Foot of ridge and across valley

54.00 Leave Valley and ascend

74.50 Top of ridge 600 ft. high bet. N and S. + Top of Cluff

Through Range 6 West

- 75 ft. high  
 75.50 Foot of bluff and descend  
 rapidly  
 80.00 Set a post  $4\frac{1}{2}$  ft. long 4 ins.  
 square with marked stone  
 12 ins. in the ground for  
 stand. lev. to T. p. 9. S. R. 6 End  
 7. N. marked  
 S. 6. T. 9. S. on N  
 R. 6. W. S. 31. on E. End  
 R. 7. N. S. 36. on W. faces, with 6  
 notches on N. E. & W. faces. and  
 raised a mound of stone  $1\frac{1}{2}$  ft  
 high 2 ft. base around post  
 Puts impracticable  
 Land mountainous & rocks  
 soil worthless  
 Scattering of grass wood  
 brush

2<sup>nd</sup> Standard Parallel South

Chanis Before continuing any further West I test my solar by an observation on the Sun and find the latitude to be  $32^{\circ}35'$  and the variation  $13^{\circ}E$  and found my instrument to be in perfect adjustment

See page 157 - April 12<sup>th</sup> 1893

Change in Variation caused by local attraction from the Stand. lev. to Top. of S. R. 6 and 7. West just established.

Iron

West on S. bdy. of Sec 36  
 $13^{\circ}E$

Descend abruptly

3.00 Wash 20 M. in the course  
 S.W. and foot of descent



## Through Range 7 west

- 37.00 And descend gradually  
 40.00 Wash 40 yds. wide course  
 40.00 Set a post 3 ft. long 3 in  
 square with marked stone  
 12 in. in the ground for  
 stand.  $\frac{1}{4}$  Sec. cor. marked  
 S. 6  $\frac{1}{4}$  S. on N. face, deep pits  
 18x18x12 in. E. W. of post  
 5  $\frac{1}{2}$  ft. dist. and raised a  
 mound of earth 11  $\frac{1}{2}$  ft. high  
 7  $\frac{1}{2}$  ft. base around post  
 And continue gradual descent  
 63.00 Foot Malpais Range And around  
 rapidly  
 80.00 A Malpais Boulder in place  
 5x3x1 ft. above ground which  
 I mark with a cross at  
 exact cor. point and S. 6. on  
 N. with notch on E. and S

2<sup>nd</sup> Standard Parallel South  
 Clean notches on W faces for Stavel  
 lev. to Secs. 35 and 36 and  
 raised a mound of stone  
 1 1/2 ft. high 2 ft. wide  
 along side

Pits unfracturable.  
 Land mountainous. Rocks  
 Soil worthless  
 Scattering leads.

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April 12<sup>th</sup> 1893

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West on S. ldy. of Sec 35  
 Va 13° E.

ascend abruptly  
 9.00 Top of cliff End Contrivance  
 gradual ascent

## Through Range 7 West

Karin

38.05 Top of Malpais Ridge about  
550 ft. high W. Easterly End  
Westerly and continue  
along rocky ridge

40.00 a Boulder in place  $5 \times 3 \times 2$   
ft. above ground which I  
mark with a cross (+) at  
exact SW point and S.C. 114 on  
N. face and raised a mound  
of stone  $1\frac{1}{2}$  ft. high 2 ft. base  
alongside

Pits impracticable

and continue along ridge

80.00 Set a Malpais Stone  $16 \times 14 \times$   
Eris. 12 ins. in the ground  
for Stand. Cen. to Sec 34 + 35  
marked S.C. on N. with 2  
notches on E. End 4 notches on



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2<sup>nd</sup>/<sub>4</sub> Standard Parallel. South

claims N. face and raised a  
 mound of stone 1 1/2 ft. high  
 2 ft. base alongside  
 Cuts infracticable  
 Land Manutianous 80 chs  
 Soil Worthless  
 Scattering Palo Verde + bacte

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West on S. bdy. of Sec. 34  
 Pa 13° 36' E

## Along Corater Range

40.08 Set a Malpas stone 16x10x10  
 ins. 11 ins. in the ground  
 for Stand. 14 Sec. 34 marked  
 S. 6 1/4 on N. face, and raised  
 a mound of stone 1 1/2 ft.  
 high 2 ft. base alongside  
 Cuts infracticable

Through Range 7 west

80.00 a Boulder in place 8x6x2  
ft. above ground which I mark  
with a cross (+) at each  
cor. point also S. on N. for  
stand lev. to Secs. 33 and 34  
with 3 notches on E. W. face,  
and raised a mound of  
stone 1 1/2 ft. high 2 ft. base  
along side

Pits impracticable  
Land nonmountainous rocks  
Soil worthless  
Scattering cacti

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West on S. bdy. of Sec 33  
W 13° 36' E.  
and continue along Range

2<sup>nd</sup> Standard Parallel South

## Chains.

- 7.00 Descend rapidly over cliff  
and rocks
- 40.00 Set a Malpais stone 15x6x  
6 ins. 10 ins. in the ground  
for Stand. 14 Sec. Cor. marked  
D. 6 14 on N. face, and raised  
a mound of stone 1 1/2 ft.  
high 2 ft. base alongside  
Pits. impracticable  
Foot of ridge and ascend  
over rocky Peaks
- 47.00 Top of Peak and descend
- 51.50 Foot of descent
- 74.00 Wash 30 ft. wide course southerly
- 88.00 Set a Malpais stone 14x12x  
10 ins. 9 ins. in the ground  
for Stand. Cor. to Secs 32+33  
marked D. 6 on N with 4



Through Range 7 west

blasio notches on E end 2 notches on  
W. faces and raised a  
mound of stone 1 1/2 ft. high  
2 ft. base alongside

Pkts impracticable  
Land mountainous & bks  
Soil worthless  
Scattering locusts.

West on S. bdy. of Sec 32  
Ga 13° 36' E.

- 24.00 Wash 4 ftks wide course S
- 30.50 Foot of rock ridge (ex N.E. & W)
- 31.50 Top of ridge 50 ft. high
- 33.00 Foot of ridge
- 40.00 Set a Malpin's stone 18x14x10  
ins. 13 ins. in the ground for  
Stand. 1/4 Sec. cor. marked

2<sup>nd</sup> Standard Parallel Couch

Chamis S. C. 14 on N. face, and  
raised a mound of stone  
1 1/2 ft. high 2 ft. base alongside  
Pits infracticable

57.25 Wash 30 lks. wide course  
S. E. and ascend

80.00 Set a Malpais stone 20 x 14 x  
10 ins. 14 ins. in the ground  
for Stand. lev. to Sta. 31+32  
Marked S. C. by N. with  
5 notches on E. and 1  
notches on W. faces. and  
raised a mound of stone  
1 1/2 ft. high 2 ft. base alongside  
Pits infracticable  
Land Mountainous rocks  
Soil Worthless

Waltering Leacti

April 13-1893

Through Range 7 west

chain West on S. bdy. of Sec 31

Pa 13° 36' E.

Ascending Crater Range

8.00 Top of Malpais Ridge 500 ft.  
high W. Easterly and Westerly

18.00 Descend over broken ridges  
very rough

40.00 A Boulder in place 4x4x2  
ins. above ground which I  
mark with a cross  $\oplus$  at  
exact cor. front and S. 6 1/4  
on N. face, and raised a  
mound of stone 1 1/2 ft. high 2  
ft. base alongside

Pits impracticable and ascend  
47.50 Top of ridge 400 ft. high low  
N and S. and descend

70.00 Wash 30 lks. wide course S.  
and foot of descent



Stand. Cor. I. Through. R. 7. Wash.

Quarries

75.00 Wash 2 chgs wide course I.

80.00 Set a first 4 1/2 ft. long 4  
ins. square with marked  
stone 12 ins. in the ground  
for Stand. Cor. to Twp. 9. S.  
R. 7. End 8. W. marked  
St. T. 9. S. on N

R. 7. W. 031. on E. End

R. 8. W. 036. on W. faces with  
notches on N. E. & W. faces  
and raised a mound of  
stone 1 1/2 ft. high 2 ft. base  
alongside.

Path impracticable

Land mountainous & etc

Out worthless

Scattering cacti

2nd Stand. Par. P. Through. R. S. west

chain

From the Stand. cor. to  
The S. E. C. 7<sup>th</sup> and 8<sup>th</sup>  
just established

I run

West on S. bay. of Sec 36

40 130 45 E

Descending gradually

25.00

Foot of rocky range to N. S  
and ascend

28.00

Top of ridge 100 ft. high  
descend

31.00

Foot of ridge and nearly level

40.00

Set a post 3 ft. long 3 ins  
square with marked stone  
12 ins. in the ground for  
Stand. 1/4 Sec. Cor. marked S. 6  
1/4 C. on N. face, and raised a  
mound of stone 1 1/2 ft. high  
2 ft. base around post

2<sup>nd</sup> Standard Parallel South

- Cham's Pits impracticable
- 55.00 Wash 1 ch wide course Westerly  
Leave corner Range and  
enter level mesa
- 72.00 Wash 1 ch. wide course  
Westerly, same
- 80.00 Set a post 4 ft. long 4  
ins. square with marked  
stone 12 ins. in the ground  
for Stand. Cor. to Secs 35 & 36  
marked
- S. 6. T. 9. S. R. 5. W. on N  
S 36. on E. End
- S 35 on W. faces with 1  
notch on E. End 5 notches  
on W. faces, dug pits 15x15x  
12 ins N. E. W. of post 5 1/2  
ft. dist. and raised a  
mound of earth 2 ft. high



## Through Range Survey

Claim 4 1/2 ft. lease around fork  
Land 55. ds Mountainous

" 25. " mesa

Soil on mesa 1 <sup>2</sup>/<sub>11</sub> rate

Scattering greasewood and  
Junewood along wash

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West on S. bdy. of Sec. 35  
T<sub>12</sub> 13' 45" E.

38.00 Wash 21 ft. wide course S.

40.00 Set a post 3 ft. long 3 ins  
square with marked  
stone 12 ins. in the ground  
for stand. 1/4 sec. cor. marked  
N. E. 1/4 on N. face, dug pits  
18 x 18 x 12 ins. E & W. of post  
5 1/2 ft. dist. and raised a  
mound of earth 1 1/2 ft. high

2<sup>nd</sup> Standard Parallel. South

Chairs 3 1/2 ft. base around post  
 80.00 Set a post 4 ft. long 4 in  
 square with marked  
 stone 12 ins. in the ground  
 for Stand. lerr. to Lers 34+35  
 marked.

S. E. T. 9. R. 5. W. on N

D 35. on E. end

D 34. on W. faces with 4  
 notches on W. and 2 notches  
 on E. faces, dug pits 18x18x  
 12 ins. N. E. W. of post 5 1/2 ft  
 dist. and raised a mound  
 of earth 2 ft. high 4 1/2 ft. base  
 around post

Land level mesa

Sail 1<sup>st</sup>/<sub>n</sub> rate

Scattering greasewood  
 and Ironwood along washes

Through Range 8 West

Claim West on S. ldy. of Sec. 34

Q 13° 45' E.

40.00 Set a post 3 ft. long 3 ins square with marked stone 12 ins. in the ground for Stand. 44 Sec. cor. marked S. l. 14 P. on N. face, dug pits 18 x 18 x 12 ins. E & 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

80.00 Set a post 4 ft. long 4 ins square with marked stone 12 ins. in the ground for Stand. Cor. to Secs 33 & 34 marked

S. l. 19. S. R & W. on N

34. on E. End

33 on W. face with 3 notches



2<sup>nd</sup> Standard Parallel South

Chains on E. W. face. dug pits 10x10  
 x 12 ins. N. E. & W. of post 5<sup>th</sup>  
 ft. dist. and raised a  
 mound of earth 2 ft. high  
 4 1/2 ft. base around post  
 Land level mesh  
 Soil 1<sup>st</sup> rate  
 Scattering of greasewood and  
 Caldwade

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Wash on S. bdy. of Sec. 33  
 Rd 13° 45' E

- 37.00 Enter wash course North  
 40.00 In wash  
 46.00 Leave wash  
 47.00 Set a post 3 ft. long 3 ins  
 square with marked  
 stone 12 ins. in the ground

## Through Range 8 West

basis for Witness Cor. to Stand. 14  
 Sec. cor. marked N.C.P. 6/14  
 on N. face, dug pits 18x18x12  
 ins. E & 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

0.00 Set a post 4 ft. long 4 ins. square  
 with marked stone pins in the  
 ground for Stand. Cor. to Sec.

032 End 033 marked  
 S 6. T 9. O. R 8. W. N N

033 on E. End

032 on W. face with 4  
 notches on E. and 2 notches  
 on W. face dug pits 18x18x  
 12 ins. N. E & W. of post 5 1/2 ft.  
 dist. and raised a mound  
 of earth 2 ft. high 4 1/2 ft. base

2<sup>nd</sup> Standard Parallel South

Chains around first

Land level mesa

Soil 1<sup>st</sup> rate

Scattering of greasewood

West on S. bdy. of Sec. 32

Wa 13°45'E

40.00 Set a first 3 ft. long 3 ins square with marked stone 12 ins. in the ground for Stand. 1/4 Sec. cor. marked S 67 1/2° on N face, dug pits 15 x 15 x 12 ins. E & W. of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 2 1/2 ft. base around post

80.00 Set a post 4 ft. long 4 ins square with marked stone



## Through Range 8 West

Shanin 12 ins. in the ground for  
Stand. Cor. to Lines 31 + 32  
marked

S. 6. T. 9. R. 8. W. m. N.

S 32. on E. End

S 31. on W. faces with 5 notches  
on E. and 1 notch on W. faces  
dug pits 18 x 18 x 12 ins N. E. &  
W. of post 5 1/2 ft. dist. and  
raised a mound of earth  
2 ft. high 4 1/2 ft. beam around  
post

Land level mesa

Soil 1 1/2 rate

Scattering greasewood

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2<sup>nd</sup> Standard Parallel South

Chain West on S. bdy. of Sec 31

D. Fa 13° 45' E.

70.00 Set a post 3 ft. long 3 ins square with marked stone 12 ins. in the ground for Stand. 14 Sec. Cor. marked 4 S. Co. on N. face. dug pits 18x18x 12 ins. E. & 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

80.00 Set a post 4 1/2 ft. long 4 ins square with marked stone 12 ins. in the ground for Stand. Cor. to Tps. 9. S. R. 8 & 9 N. marked

S. 6. T. 9. on N

R. S. W. S. 31. on E End

R. S. W. S. 36 on W. face with

# Through Range 8. West

chains 6 notches on N.E. & W. faces dug  
 pits 24 x 18 x 12 ins. crosswise  
 on each line N.E. & W. of post 6 ft.  
 dist and raised a mound of earth  
 2 1/2 ft. high 5 ft. base around post  
 Land level used

Soil 1/4 rate

Scattering greasewood

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The Grater Range bears off  
 to the North. is two and a  
 half miles or 3 miles North  
 from this Sp. Cor.

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2<sup>nd</sup> Standard Parallel Smith

Chamie Before continuing any farther West. I took an observation on the Sun and found the latitude to be  $32^{\circ} 45'$  and the variation  $13^{\circ} 45' E.$  and found my Instrument to be in perfect adjustment. See page 187

Apr. 14<sup>th</sup> / 1893.

From the Stand. Cor. to Tps  
9. S. R. 8. & 9. W. just  
established

I run

West on S. bdy. of Sec. 36

at  $13^{\circ} 45' E.$

40.00 Set a post 3 ft. long 3 ins  
square with marked stone  
12 ins. in the ground for stand

## Through Range 9 West

Charris 1/4 Sec. Cor. Marked S. 6. 1/4 S.

on N face, dug pits 18x18x12

ins. E + 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

80.00 Set a post 4 ft. long 4

ins. square with marked

stone 12 ins. in the ground

for stand. Cor. to Sec 35 + 36

marked

S. 6. T. 9. S. R. 9. W. on N

S. 36. on E end

S. 35. on W. faces with 1 notch

on E. and 5 notches on W. faces

dug pits 18x18x12 ins. N. E + W

of post 5 1/2 ft. dist. and raised

a mound of earth 2 ft. high

4 1/2 ft. base around post

2<sup>nd</sup> Standard Parallel South

Charris Land level mesa

Soil 1<sup>st</sup> rateScattering greasewood

West on S. bdy. of Sec 35-

Twp 13° 45' E

- 40.00 Set a post 3 ft. long in square with marked stone 12 ins. in the ground for Stand. 1/4 Sec. and marked S. E. 1/4 on N. face, dug pits 18x18x12 ins. E & 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
- 80.00 Set a post 4 ft. long 4 ins square with marked stone 12 ins. in the ground for



## Through Range 9 West

Chain Stand. Cor. to Secs. 34 + 35  
marked

S. 6. T. 9. S. R. 9. W. or N

S 35. on E. End

S 34. on W. face with 2  
notches on E. End & notches  
on W. face aug. pits 18" x 18"  
12 ins. N. E. W. of post 5 1/2 ft.  
dist. and raised a mound  
of earth 2 ft. high 4 1/2 ft. base  
around post

Land level meso

Soil 1/2 rate

Scattered greasewood

West on S. bdy. of Sec 34  
Pa 13° 45' 18"

40.00 Set a post 3 ft. long 3 ins

2<sup>nd</sup> Standard Parallel South

Chavis square with marked  
stone 12 ins. in the  
ground for Stand. 1/4 Sec  
Cor. marked S. 6 1/4 W on N  
face, dug pits 18x18x12 ins  
E. & 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

80.00 Set a post 4 ft. long 4  
ins. square with marked  
stone 12 ins in the ground  
for Stand. Cor. to Sec  
33<sup>rd</sup> and 34 marked  
S. 6. 9. 3 R 9. W. on N  
S 34. on E. End  
S 33 on W. face with  
3 notches on E & W faces  
dug pits 18x18x12 ins

Through Range 9 W. M.

Chains N. E. & W. of post.  $5\frac{1}{2}$  ft. dist  
and raised a mound of  
earth 2 ft. high  $4\frac{1}{2}$  ft. base  
around post

Land level mesa

Soil 1<sup>st</sup> rate

Scattering greasewood

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Post on S. ldy. of Sec. 33

$71^{\circ} 13' 45''$  E.

40.00 Set a post 3 ft long 3 ins  
square with marked  
stone 12 ins. in the ground  
for stand.  $1/4$  Sec. on marked  
D. 6. 4 S. on N. face, dig pits  
 $18 \times 18 \times 12$  ins. E. & W. of post  
 $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$  ft



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BOOK 1722

2<sup>nd</sup> Standard Parallel South

Clearing ft. high  $3\frac{1}{2}$  ft. base around foot  
 80.00 Set a foot 4 ft. long 4  
 ins. square with marked  
 stone 12 ins. in the ground  
 for stand. lev. to Secs. 32+33  
 marked

Q. 6. T. 9 S. R. 9 W. on N

Q. 33. on E End

Q. 32. on W. faces with 4  
 notches on E. End 2 notches  
 on W. faces, dug pits 15x15x  
 12 ins. N. E. & W. of foot 5th  
 ft. dist. and raised a  
 mound of earth 2 ft. high  
 $4\frac{1}{2}$  ft. base around foot  
 Land level mesa

Soil 1 $\frac{3}{4}$  rate

Scattering greasewood

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Through Range 9 West

Acres West on S. bdy. of Sec 32

Ha  $13^{\circ} 42' E$ .

40.00 Set a post 3 ft. long 3 ins  
square with marked  
stone 12 ins. in the ground  
for Stand. 1/4 Sec. cor. marked  
S. 6 1/4 O. on N. face deep pits  
18 x 15 x 12 ins. E. W. of post 3 1/2  
ft. dist. and raised a  
mound of earth 1 1/2 ft. high  
3 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  
Stand. cor. to Secs 31 + 32  
marked

S. 6. T 9. S. R 9. W on N

S. 32. on E End

O 31. on W. face with 5 notches

2<sup>nd</sup> Standard Parallel South

Charris on E end / notch on W. face  
 dug pits 15x15x12 ins  
 N. E. & W. of first 5 1/2 ft. dist  
 and raised a mound of  
 earth 2 ft. high 4 1/2 ft. base  
 around foot

Land level meso

Soil 1<sup>st</sup> rate

Scattering of rosewood

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April 14 - 1893

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West on S. bdy. of Sec 31  
 Va.  $13^{\circ} 45' E$ .

40.00 Set a post 3 ft. long 2 ins  
 square with marked  
 stone 12 ins. in the ground



## Through Range 9 West

Acquis for Stand. 1/4 Sec cor.  
 marked A 6 1/4 on N face  
 dug pits 18 x 18 x 12 ins.  
 Cor 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

80.00 Set a post 4 1/2 ft. long 4  
 ins. square with marked  
 stone 12 ins. in the ground  
 for cor. to Tps. 9 S. R. 9 + 10  
 West. marked

P. C. 99 S. on N

R 9. W. 031 on E. End

R 10 W. 036 on W. faces with  
 6 notches on N. E + W. faces  
 dug pits 24 x 18 x 12 ins  
 crosswise on each line  
 N. E + W. of post 6 ft. dist

2<sup>nd</sup> Stand. Par. S. Through. R 9. West.

Chairs and raised a mound of  
earth 2 ft. high  $4\frac{1}{2}$  ft. base  
around first

Land level mesa

Soil 1<sup>st</sup> rate

Scattering mesquite  
and grasswood

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U. S. Surveyor-General's Office,

TUCSON, A. T., Dec 1<sup>st</sup> 1893

The foregoing Field Notes of the Surveys of  
 Re-establishment of  
 South boundary of Tp:  
 7 South, Range 14. West-

— Gila and Salt River Meridian  
 in Arizona — executed by  
 Lewis Wolfley-

U. S. Deputy Surveyor, under his contract dated  
 January 16, 1893.

having been critically examined, the necessary correc-  
 tions and explanations made, the said Field Notes and  
 the surveys they describe are hereby approved.

Lewis A. Manning

U. S. Surveyor-General  
 for the Territory of Arizona.