

1496

BOOK 1496

F I E L D N O T E S

OF THE SURVEY OF

THE EXTERIOR LINES OF

Ts. 9, 10, 11, 12 South, Rs. 27
& 28 E. and Ts. 11 and 12 S., Rs.
29 & 30 E.

Gila and Salt River Base and
Meridian,

ARIZONA.

By Lewis Wolfley, D. S., under
contract dated Nov. 26, 1884
Survey commenced Dec. 21, 1884.
Survey completed Jan. 5, 1885.

BOOK 1496
1496

Field Notes
of a portion of
The Exterior lines of

Tps 9-10-11-12 S. R 27 E

Tps 9-10-11-12 S. R 28 E

Tps 11-12 S. R 29 E

Tps 11-12 S. R 30 E

By

Lewis Wolfley U. S. Dep. Sur.

Under Contract No 54

Dated Nov 26th 1884

Survey commenced Dec 22nd 1884

Survey completed Jan 4th 1885

Index

				Pages
E. B.	P. 12 S	R 30 E.	1 to 10	
E. B.	P 11 S,	"	11 " 19	
E. B.	P 12 S.	R 29 E	20 " 31	
A. B.	"	R 30 E.	32 " 41	
E. B.	P 11 S.	R 29 E.	42 " 52	
E. B.	P 12 S.	R 28 E.	53 " 63	
A. B.	"	R 29 E.	64 " 75	
E. B.	P 11 S.	R 28 E.	75 " 86	
E. B.	P 12 S.	R 27 E.	87 " 97	
A. B.	"	"	98 " 109	
"	"	R 28 E	110 " 120	
E. B.	P 11 S.	R 27 E	120 " 131	
"	P 10 S.	R 28 E	131 " 143	
"	P 9 S	"	144 " 153	
A. B.	"	"	154 " 165	
E. B.	P 10 S.	R 27 E	166 " 176	
"	"	"	177 " 188	
A. B.	"	R 28 E.	188 " 198	
E. B.	P 9 S.	R 27 E.	198 " 210	

INDEX

BOOK

BOOK 1496

155 157 158 160 163 164												BOOK 1496																				
20	1 19 96				5	4	3	2	1 15 26																							
	12 202 7								12 15 17																							
	<i>S. 9d. R. 27E</i>				13 205 18				<i>S. 9d. R. 28E</i>				13 149 18				<i>S. 9d. R. 29E</i>				<i>S. 9d. R. 30E</i>											
	24 207 19								24 147 19																							
	25 208 30								25 145 30																							
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45																		
178 180 182 183 185 187 189 190 191 192 194 195 196 197 198 199																																
6	5	4	3	2	1 174 7				6	5	4	3	2 142 1																			
	12 172 7								12 140 7																							
	<i>S. 10d. R. 27E</i>				13 170 18				<i>S. 10d. R. 28E</i>				13 137 18				<i>S. 10d. R. 29E</i>				<i>S. 10d. R. 30E</i>											
	24 169 19								24 136 19																							
	25 168 30								25 133 30																							
	36 166 31								36 131 31																							
	1 129 6								1 84 6				1 51 6				1 18															
	12 127 7								12 82 7				12 49 7				12 16															
	<i>S. 11d. R. 27E</i>				13 125 18				<i>S. 11d. R. 28E</i>				13 80 18				<i>S. 11d. R. 29E</i>				13 47 18				<i>S. 11d. R. 30E</i>				13 15			
	24 124 19								24 79 19				24 46 19				24 14															
	25 123 30								25 77 30				25 44 30				25 12															
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45																		
99 101 103 104 106 108 110 112 115 114 112 110 94 72 70 68 66 64 42 38 36 35 34 32																																
6	5	4	3	2	1 96 6				5	4	3	2	1 61 6		5	4	3	2	1 29 6		5	4	3	2	1 8							
	12 94 7								12 60 7				12 28 7				12 7															
	<i>S. 12d. R. 27E</i>				13 9 218				<i>S. 12d. R. 28E</i>				13 58 18				<i>S. 12d. R. 29E</i>				13 26 18				<i>S. 12d. R. 30E</i>				13 6			
	24 90 19								24 56 19				24 24 19				24 4															
	25 89 30								25 55 30				25 22 30				25 2															
	36 87 31								36 53 31				36 20 31				36 1															

BOOK 1496

13

8

on

12

dist

100

9

r

5

For preliminary plats and
description of instrument
used See Book No 1

E. B. T 12. S. R 30 E

Chains

From the Cor to Tps 12 and 13
S. Rs 30 and 31 E recently
re-established by me I run
North bet Secs 31 and 36
On $12^{\circ} 15' E$

Over Mesa

40.00 Set a volcanic stone $9 \times 9 \times 8$
ins 5 inches 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 volcanic stone $11 \times 10 \times 9$
ins 8 ins in the ground for
Cor to Secs 25, 30-31-36.
marked with 1 notch on S

E. B. T 12 S. R 30 E

Chains

and 5 notches on N edges.
 dug pits 18x18x12 ins in
 each sec 5½ ft dist and
 raised a mound of earth
 2 ft high 4½ ft base alongside
 Surface mesa, ascending
 gradually to N. E
 Scattering brush
 Some grass
 Soil 3rd rate

North bet Secs 25 & 30

N 12° 15' E

Over mesa

30.00 Cross dry wash course NW

40.00 Set a Volcanic stone 11x10x3
ins 8 ins in the ground for

E. B. T 12 S. R 30 E

Chains

¼ Sec Cor. marked ¼ on NW face
 dug pits 18x18x12 ins N & S of
 stone 5½ ft dist and raised
 a mound of earth 1½ ft high
 3½ ft base alongside

77.30 Cross dry wash course NW and
ascend very gradually80.00 Set a Volcanic stone 14x10x9
ins 9 ins in the ground for
Cor to Secs 19-24-25-30. marked
with 2 notches on S and 4 notches
on N edges. dug pits 18x18x12
ins in each sec 5½ ft dist
and raised a mound of
earth 2 ft high 4½ ft base
alongside
Surface rolling mesa, ascend
ing gradually to N. E

E. B. T 12 S. R 30 E

Chains

grass fair
 Scattering Mesquite and
 Grease wood brush
 Soil 3rd rate gravelly

North bet secs 19 & 24
 Or 12° 15' E

Over mesa

35. 34 Cross Wash course N

36. 28 " " " S. W

40. 00 Set a Volcanic rock 11x8x8
 ins 8 ins in the ground for $\frac{1}{4}$
 Sec cor. marked $\frac{1}{4}$ on N face,
 dug pits 18x18x12 ins N &
 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}

E. B. T 12 S. R 30 E

Chains

80. 00 Set a Volcanic rock 17x8x3- ins
 11 ins in the ground for cor to
 Secs 13-18-19-24 marked
 with 3 notches on N and S
 edges, dug pits 18x18x12 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 along side
 surface, mesa ascending
 gradually to N. E
 Soil 4th rate gravelly
 Grass fair
 Scattering grease wood and
 Mesquite brush

E. B. T 12 S. R 30 E

Chain

North - bet Secs 13 and 18

Via 12° 15' E

Over mesa

20.00 Cross Wash 5-6 lbs wide Co S. M

40.00 Set Volcanic stone 9x7x5 in
5 in in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N face, dug
pit 18x18x12 in N and S of
stone 5½ ft dist and raised a
mound of earth 1½ ft high
3½ ft base alongside

80.00 Set Volcanic stone 18x12x4 in
12 in in the ground for Cor to
Secs 7-12-13-18. marked with
4 notches on S and 2 notches
on N edges and raised a
mound of stone alongside
Surface mesa ascending
gradually

E. B. T 12 S. R 30 E

Chain

Soil 4th rate

Grass fair

Scattering Grasswood and
Mesquite brush

North bet Secs 7 and 12

Via 12° 15' E

9.00 Cross Wash 10 lbs wide Co S. M

20.00 " " course S. M

40.00 Set Volcanic stone 11x6x4 in
7 in in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N face and
raised a mound of stone
alongside.

74.00 Cross Gulch course S. E. Spring
Water ascends ~~at~~ at an angle
of 20°

E. B. T 12 S. R 30 E

Chains

80.00 After making correct allowance
 Set a Lime Stone $18 \times 11 \times 5$ ins
 12 ins in the ground for Cor
 to Secs 1-6-7-12 marked
 with 5 notches on S and 1 notch
 on N edges and raised a
 mound of stone alongside
 Surface mason last 40 chains
 ascending gradually
 Soil 4th rate last 40 chs rocky
 Grass fair
 Scattering greasewood & Mesquite

North - bet Secs 1 and 6

On $12^{\circ} 15' E$ Ascend mts at an angle of 20°

19.00 Top of low divide, Ridge bet E & N.

E. B. T 12 S. R 30 E

Chains

Descend slope angle of 25°
 40.00 Make correct allowance and
 Set a Volcanic stone $15 \times 8 \times 5$ ins
 11 ins in the ground for $\frac{1}{4}$ Sec
 Cor. marked $\frac{1}{4}$ on N face, and
 raised a mound of stone
 alongside.
 Continue descent angle of 5°
 46.00 Cross Wash course N. W
 55.50 " " " W
 61.00 Foot of Slope
 80.00 Make the correct allowance and
 Set Volcanic stone $24 \times 16 \times 8$ ins
 18 ins in the ground for Cor to
 Tps 11 and 12 S. Rs 30 and 31 E
 marked with 6 notches on each
 edge and raised a mound
 of stone alongside

E. B. T 12 S. R 30 E

Chains

from which

~~a Cedar 6 ins diam by N 60° W
20 lbs dist marked~~

~~T 11 S. R 30 E. S 26 B. T.~~

~~On point of Ledge of Rock bearing
E and W highest point of
Orange Butte brs S 45° W
about 1/2 mile dist~~

Grass fair Surface Mountains

Soil 4 th/_{in} rats, rocky

Scattering brush

Dec 24-84 L. Wolcott

E. B. T 11 S. R 30 E

Chains

From the Cor to Sp 11 & 12 S.

Rs 30 and 31 E. just established
by me I run

North bet Secs 31 and 36

ascend, angle 20° Va 12° 25' E

12.50

On point of rocks, brs E & W

descend slope at an angle of 20°

21.30

cross wash course E

26.40

" " " S. E and

ascend at an angle of 15°

31.50

Top of Volcanic Spur brs E & W

35.50

ascend spur angle of 15°

40.00

after making correct allowance I
set a volcanic stone 16x11x10 ins
9 ins in the ground for ¹/₄ Sec
Cor. marked ¹/₄ on W face, and
raised a mound of stone
alongside

E. B. T 11 S. R 30 E

Chains

42.00

Continued to descend along
N. E. slope 15°

57.50

~~Cross wash course N. W.~~
Foot of Mt. and enter Valley

80.00

Set a Volcanic stone $15 \times 10 \times 8$ ins
12 ins in the ground for Cor to
Secs 25, 30, 31, 36 marked with1 notch on S and 5 notches on
N edges and raised a mound
of stone alongside

Surface mountainous

Soil 4" rati

Grass good

Scattering mesquit brush

North - bet secs 25 and 30

Continued descent. foot of Va $12^{\circ} 25'$ E
slope and

8.20

Cross wash course N. W.

E. B. T 11 S. R 30 E

enter Valley

Lhs 99.30

Cross wash course N.

40.00

Set Volcanic stone $22 \times 14 \times 8$ ins16 ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N. face. dug
pit $18 \times 18 \times 12$ ins N and S ofstone $5\frac{1}{2}$ 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 Volcanic rock $14 \times 6 \times 5$ ins9 ins in the ground for Cor to
Secs 19-24-25-30 marked

with 2 notches on S and 4

notches on N edges and raised
a mound of stone alongside

Surface rolling

Soil 4" rati

Grass good

Scattering mesquite cactus
and greasewood brush

E. B. F 11 S. R 30 E

chains

North bet Secs 19 and 24

Va 12° 25' E

40.00 Set a sandstone 16 X 7 X 5 in
11 in in the ground for 1/4 Sec
dig pit 15 X 15 X 1/2 in 1/2 of stone
Cor. marked 1/4 on N face and
5 1/2 ft dist and curth. etc
raised a mound of stone along side

70.00 Cross wash course N and
ascend slope at an angle of 5°
Top of slope, and descend at
same angle

80.00 Make correct allowance and
Set a volcanic rock 13 X 4 X 4 in
9 in in the ground for Cor to Secs
13-18-19-24 marked with 3
notches on N and S edges and
raised a mound of stone
alongside.

Surface rolling

E. B. F 11 S. R 30 E

chains

Soil 4" rate

Grass good
Scattering greasewood and
mesquite brush.

North bet Secs 13 and 18

C. 5-0 *Corylinum arcent* Va 12° 25' E
Top of spur. descend angle 5°

13.20 Cross wash course N

26.00 " " " "

39.50 " " " "

40.00 Set a volcanic rock 17 X 5 X 4 in

11 in in the ground for 1/4 Sec
Cor. marked 1/4 on N face and
raised a mound of stone alongside

80.00 Set a volcanic rock 18 X 6 X 4 in 12
in in the ground for Cor to Secs

E. B. T. 11 S. R. 30 E

Chain

7-12-13-18, marked with 4 notches on S and 2 notches on N edges, and raised a mound of stone alongside

Surface rocky, along N. W slope of Pelloncilla Mt.

Soil 4" rati

Grass good

Scattering grease wood and Mesquiti brush

North bet Sacs 7 and 12

On $12^{\circ} 25' E$

Descend

29.90 across wash course N. and ascend slope, angle 5°

40.00 Set a volcanic stone $13 \times 5 \times 4$

E. B. N 11 S. R 30 E

Lch aim

ins & ins in the ground for $\frac{1}{4}$
 Sec Cor. marked $\frac{1}{4}$ on N face and
 raised a mound of stone along
 side.

4.00

Descend at an angle of 5°
~~make correct allowance and~~

80.00

Set a Volcanic stone $18 \times 8 \times 8$ ins
 12 ins in the ground for Cor to
 Secs 1-6-7-12. marked with 5
 notches on S and 1 notch on N
 edges. and raised a mound of
 stone alongside

Surface rolling

Soil rocky

Grass fair

Scattering greasewood and

Mesquite brush

E. B. T 11 S. R 30 E

Chain

North - bet Secs 1 and 6

Wa 12° 25' E

5. 00 Descend slope at an angle of 5°
 28. 60 Foot of slope
 40. 00 Set a volcanic rock 15 x 7 x 6 ins

10 ins in the ground for ¹/₄ Sec
 Cor marked ¹/₄ on N face and
 raised a mound of stone
 alongside

51. 00 Cross Wash 40 lks wide course W

62. 50 Ascend slope at an angle of 12°
 make allowance for slopes of

81. 50 Intersect 2nd Stand Par - South-

40. 57 chs W of Stand Cor to Tps

Part 4 ins 29 marked 80 p. T 10 S on N.
 R 31 S. S 31 p. 2. 80 p. 2. in north
 10 S. R 30 & 31 E which is a
 with 6 notches on N. & 4 W faces. pits. &
 and ends of legs all size.

Set a volcanic rock 18 x 18 x 6 ins

12 ins in the ground for closing

Cor to Tps 11 S. R 30 and 31 E

marked C. C. with 6 notches

E. B. P. 11 S. R. 30 E

Lehans

on S. E and W edges and raised
 a mound of stone alongside
 Surface mountains
 Soil rocky 4" rate
 Grass good
 Scattering mesquite and
 Grease wood brush.

I carefully examined the
 adjustments of my Solar
 Transit today particularly the
 latitude and reversing
 apparatus and found them
 correct.

Dec. 24th 84. L. Wolfley

E. B. T 12 S. R 29 E

Chain

Returning to the Cor to Tps
12 & 13 S. R 29 & 30 E
recently re-established by
me I run

North bet Secs 31 and 36
Va $12^{\circ} 25' E$

Ascend gradually over mesa
40.00 deposited marked stone 12 ins
in the ground for "4 Sec Cor.
dug pit 18x18x12 ins N & S
of Cor $5\frac{1}{2}$ ft dist 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 ins sq 2 ft
long 12 ins in the ground
marked "4 S on N face.

80.00 Set a post 4 ft long 4 ins
sq with marked stone 12 ins

E. B. T 12 S. R 29 E

Chain

in the ground for Cor to Secs
25-30-31-36 marked

T 12 S. S 30 on N. E

R 30 E. S 31 on S. E

R 29 E S 36 on S. W and

S 25 on N. W faces with
1 notch on S. and 5 notches on
N. edges. dug pits 18x18x12
in in each see 5½ ft dist
and raised a mound of
earth 2 ft high 4½ ft base
around post.

Surface nearly level

Soil 3" & 4" rati

Grass good

Scattering greasewood brush

E. B. N 12 S. R 29 E

Chains

North- bet Secs 25- and 30

Va 12° 25' E

Ascend gradually over mesa

27.00 Level mesa

40.00 Deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor
dug pit 18X18X12 ins N and
S of Cor $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In it pit
drove a stake 2 ins sq, 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on NW face.

80.00 Set a post 4 ft long 4 ins
sq with marked stone 12 ins
in the ground for Cor to Secs
19-24-25-30 marked

N 12 S. S 19 on N. E

E. B. T 12 S. R 29 E

Lehain

R 30 E. S 30 on S. E

R 29 E. S 25 on S. W and

S 24 on N. W faces. with
 2 notches on S and 4 notches
 on N edges. dug pits 18x18x12
 ins in each sec 5 1/2 ft dist and
 raised a mound of earth 2
 ft high 4 1/2 ft base around
 post.

Surface level mesa

Soil 3" & 4" rate

Grass good

Scattering greasewood brush

C. B. T 12 S. R 29 E

Chain

North bet Secs 19 and 24

Va 12° 25' E

Over mesa

40.00 Deposited marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. dug pit 18 X 18 X 12 ins. At and Sth of Cor 5 $\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it. In A pit drove a stake 2 in sq 2 ft long 12 ins in the ground marked $\frac{1}{4}$ S in NW face.

47.00 Descend gradually to San Simon Creek

80.00 Set a post 4 ft long 4 ins sq with marked stone 12 ins in the ground for Cor to Secs

E. B. T 12 S, R 29 E

Chain

13-18-19-24, marked

S 12 S, S 18 on N. E

R 30 E S 19 on S. E

R 29 E, S 24 on S. W and

S 13 on N. W faces with 3
notches on N and S. Edges dug
pits 18x18x12 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, mesa gradually
descending to N. E

Soil 3" & 4" rats

Grass good

Scattering greasewood brush

E. B. T 12 S. R 29 E

Chain

North bet sees 13 and 18

On $12^{\circ} 25' E$

Descend gradually

23.00 Cross San Simon Creek 10. lks
wide course N. W40.00 Deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor
dug pit 18x18x12 ins N and S of
cor $5\frac{1}{2}$ ft dist 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 ins sq 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on N face64.75- Cross San Simon and Polomen-
ville road bet N. W and S. E
Leave valley and enter rolling
sand hills

1450
E. B. T 12 S. R 29 E

Chain

20.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs 7-12
13-18, marked

T 12 S. S 7 on N. E

R 30 E. S 18 on S. E

R 29 E. S 13 on S. W and

S 12 on N. W faces, with 4
notches on S and 2 notches on
N edges, dug pits 18x18x12 ins
in each sec $\frac{1}{2}$ ft dist and
raised a mound of earth 2
ft high $4\frac{1}{2}$ ft base around post

Surface rolling

Soil 3" to 4" rali

Grass fair

Scattering greasewood brush

E. B. T 12 S. R 29 E

Chains

North bet Secs 7 and 12

Ta $12^{\circ} 25' E$

Over sand hills

40.00 deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pits $18 \times 18 \times 12$ ins N and S
of Cor $5\frac{1}{2}$ ft dist 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 ins sq 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on NW face.

80.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs
1-6. 7-12. marked
T 12 S. S 6 on N. E.

R 34 E: S 7 on S. E

E. B. T 12 S. R 29 E

Lehans

R 29 E. S 12 on S. W and
S 1 on N. W faces. with 5
notches on S and 1 notch on
N 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 around feet
Surface rolling sand hills
Soil 3" to 4" rate, soft with rain
Grass fair
Scattering mesquite brush

North- bet Secs 1 and 6

Wa 12° 25' E

Over sand hills

40.00 deposited marked stone 12 ins
in the ground for 1/4 Sec cor

E. B. T 12 S. R 29 E

Chain

dug pit 18 X 18 X 12 ins N and S
of Cor 5 1/2 ft dist and raised
a mound of earth 1 1/2 ft high
3 1/2 ft base over it. In N pit
drove a stake 2 ft long 2 ins
sq 12 ins in the ground
marked 1/4 S on NW face

+ 80.00

Set a post 4 1/2 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to T 11 S
R 29 and 30 E. marked

T 11 S. S 31 on N. E

R 30 E. S 6 on S. E

T 12 S. S 1 on S. NW and

R 29 E. S 36 on N. NW

faces. with 6 notches on each
edge. dug pit 24 X 18 X 12 ins
lengthwise on each line N. S.

E B T 12 S. R 29 E

chains

E and W of post. 6 ft dist and raised a mound of earth 2 1/2 ft high 5 ft base around post
Mt Los Cabos brs S 47° 40' W
Mt Graham brs N 62° 30' W

Surface rolling sand hills very soft.

Soil 3" & 4" rati

Grass fair

Scattering Mesquite and
Grease wood brush

Dec 26th 44 - B Wolfley

N. B. T 12 S. R 30 E

Chains

From the Cor to Tps 11 & 12
 S. Rs 29 & 30 E. just estab-
 lished by me I run S. $89^{\circ} 19'$
 E. parallel with S. By of Tps. as previously
 retraced only with - but said Tps.
 Va $12^{\circ} 25' E$

Setting temporary $\frac{1}{4}$ and Sec
 Corners at each 40 and 80 chs
 and at 5 miles 77 chs and
 40 lks intersect range line
 19.2 lks N of Cor to Tps

11 & 12 S. Rs 30 & 31 E. recently
 established ^{by me} from which Cor I run
 N. $89^{\circ} 05' W$ on a true line bet
 Secs 1 and 36

Va $12^{\circ} 25' E$

Descend slope at an angle of 15°
 after making allowance
 40.00 Set a Volcano stone $16 \times 9 \times 6$ in
 11 ins in the ground for $\frac{1}{4}$ Sec

A. B. T 12 S. R 30 E

Chains

Cor. marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside foot of slope and across wash course N. W and ascend at an angle of 10°

0.00 Make the correct allowance & set a volcanic stone $19 \times 12 \times 7$ ins 12 ins in the ground for Cor to Secs 1-2-35-36. marked with 1 notch on E and 5 notches on W edges, and raised a mound of stone alongside surface mountainous soil rocky. 4" rate
Grass fair
Scattering mesquite brush

C. A. B. T 12 S. R 30 E

Chains

N 89° 05' W on a true line bet sees 2 & 35-

On 12° 25' E

Ascend at an angle of 10°

19.00 Top of slope

33.00 Descend same angle 10°

40.00 Make correct allowance and
Set a volcanic rock 17 x 8 x 5
ins 12 ins in the ground for
1/4 Sec Cor. marked 1/4 on N
face, and raised a mound of
stone alongside

45.00 Foot of slope, and after making
correct allowance at

80.00 Set a Volcanic rock 12 x 8 x 3
ins 8 ins in the ground for
Cor to Secs 2-3-34-35. marked
with 2 notches on E and 4
notches on W edges and raised

N. B. T. 12 S. R 30 E

chains

a mound of stone alongside
Surface mountainous 45 chains
Rolling 35 chs
Soil 4" rati, rocky
Grass fair
Scattering greasewood brush

$N 89^{\circ} 05' W$ on a true line bet secs 3 & 34
Va $12^{\circ} 25' E$

Over mesa

- ~~48.00~~ ~~Cross wash course N. W~~
- 40.00 Set a Volcanic rock $18 \times 8 \times 6$ ins 12
ins in the ground for $\frac{1}{4}$ Sec cor.
marked $\frac{1}{4}$ on N face and raised
a mound of stone alongside
- 44.00 Cross wash course N. W
- 80.00 Set a Volcanic rock $14 \times 6 \times 4$ ins
9 ins in the ground for Cor to Sec

N. B. T 12 S. R 30 E

Chains

3-4-33-34, marked with 3
notches on E and W edges, and
raised a mound of stone
alongside

Surface gradually ascending
to East.

Soil 4" rate

No grass

Scattering greasewood brush

N 89° 05' W on a true line bet Secs 4 & 33

Wa 12° 25' E

Over mesa

40.00. Deposited marked stone 12 ins
in the ground for "4 Sec Cor.
dug pits 18x18x12 ins E & W
of Cor 5½ ft dist and raised

BOOK 100
A. B. T 12 S. R 30 E

leham

a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In E pit
drove a stake 2 ins sq 2 ft long
12 ins in the ground marked
 $\frac{1}{4}$ S on N face.

\$0.00 deposited marked stone 12 ins in
the ground for Cor to Secs 4-5-
32-33. dug pits 18x18x12 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 11 S. S 33 on N. E
R 30 E. S 4 on S. E

T 12 S. S 35 on S. N and
S 32 on N. N faces. with
4 notches on E and 2 notches on

St A. B. T 12 S. R 30 E

Lehs

W edges.

Surface grad- ascends E

Soil 4" rati

Grass good

Scattering greasewood brush

As $9^{\circ}05'$ N on a true line bet secs 5 & 32.

Wa $12^{\circ}25'$ E

Over mesa

40. 00 Deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pits 18 X 18 X 12 ins E & W
of Cor. $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In E pit
drove a stake 2 ins sq 2 ft
long 12 ins in the ground

N. B. T 12 S. R 30 E

chains

marked $\frac{1}{4}$ S on N face.

0.00 Deposited marked stone 12 ins in
the ground for Cor to Secs 5-6
31-32. dug pits 18 X 18 X 12 ins
in each sec $5\frac{1}{2}$ ft dist and
raised a mound of earth 3 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 11 S. S 32 on N. E

R 30 E. S 5- on S. E

T 12 S. S 6 on S. W and

S 31 on N W faces with
5 notches on E and 1 notch on
W edges.

Surface gradually
ascends to East.

A. B. T 12 S. R 30 E

Chains

Soil sandy 4" rate
 Scattering grass and
 greasewood brush

$N 89^{\circ} 55' W$ on a true line bet Secs 6 & 8

$W a 12^{\circ} 25' E$

40. 00 Deposited marked stone 12
 ins in the ground for $\frac{1}{4}$ Sec
 Cor. dug pit 18 x 18 x 12 ins E
 & W of Cor $5\frac{1}{2}$ ft dist and raised
 a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In E pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground
 marked $\frac{1}{4}$ S on N face

77. 40 The Cor to Tps 11 and 12 S.
 Rs 29 and 30 E. recently

Chs

established by me.

Surface grad- ascends East

Soil sandy 4" rate

Grass floor

Scattering brush.

I carefully examined the adjustments of my Solar Transit today. particularly the latitude and reversing apparatus and found them correct.

Dec 27 '84 B. Wolfley

E. B. T 11 S. R 29 E

Chains

From the cor to Tps 11 and 12 S
R 29 and 30 E recently established
by me I run

North bet Secs 31 and 36

Via $12^{\circ} 25' E$

Over rolling sand hills

40.00

Deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pits $18 \times 18 \times 12$ ins N and S
of Cor $5\frac{1}{2}$ ft dist 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 ins sq 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on N face

80.00

Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs 25-

E. B. T. 11 S. R 29 E

chains

30-31-36. marked with

T 11 S. S 30 on N. E

R 30 E. S 31 on S. E

R 29 E. S 36 on S. M and

S 25 on N. W faces. with 1
notch on S and 5 notches on N
edges. dug pits 18x18x12 ins in
each set 5 1/2 ft dist and raised
a mound of earth 2 ft high
4 1/2 ft base around post.

Surface rolling sand hills

Soil 4" red and sandy

Grass poor

Scattering mesquite and grease-
wood brush

E. B. T 11 S. R 29 E

Chains

North lot Secs 25 and 30

Va 12° 25' E

28.70 Across Wash 20 lbs wide Cor. W

40.00 deposited marked stone 12 ins

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

dug pit 18x18x12 ins N & S

of Cor $5\frac{1}{2}$ ft dist and raiseda mound of earth $1\frac{1}{2}$ fthigh $3\frac{1}{2}$ ft base over it.

In it pit drove a stake 2

ins sq 2 ft long 12 ins in

the ground marked $\frac{1}{4}$ S on

W face.

80.00 Set a post 4 ft long 4 ins

sq with marked stone 12

ins in the ground for Cor

to Secs 19-24-25-30 marked

T 11 S. S 19 on N. E

E. B. T 11 S. R 29 E

Chains

R 30 E S 30 on S. E

R 29 E. S 25 on S. W and

S 24 on N. W faces with 2 notches on S and 4 notches on N edges. dug pits 18x18x12 in 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 posts.

Surface rolling sand points

Soil 4" rate sandy

Grass poor

Scattering mesquite and

Grease wood brush

E. B. T 11 S. R 29 E

Lehains

North bet secs 19 and 24

Va $12^{\circ} 25' E$

40.00 deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pits 18x18x12 ins N and S
of Cor $5\frac{1}{2}$ ft dist 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 ins sq 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on N face.

80.00 Set a post 4 ft long 4 ins
sq with marked stone 12
ins in the ground for Cor
to Secs 18-19-24. marked
T 11 S. S 18 on N. E
R 30 E. S 19 on S. E
R 29 E. S 24 on S. W

E. B. T. S. R 29 E

Chains

and S 13 on N W faces, with
3 notches on N and S edges, dug
pits 18 X 18 X 12 ins in each sec
5½ ft dist and raised a mound of
earth 2 ft high 4½ ft base
around post.

Surface rolling sand points descend-
ing to West.

Soil 4" rati and sandy
Poor Grass

Scattering mesquite & Grass wood

North bet Secs 12 and 18

Wa 12° 25' E

40.00

Set a post 3 ft long 3 ins sq with
marked stone 12 ins in the
ground for ¼ Sec cor. marked

E. B. T. 11 S. R 29 E

Chain

$\frac{1}{4}$ S on N face. dug pits 18×18
 $\times 12$ ins N and S of post $5\frac{1}{2}$
 ft dist and raised a mound
 of earth $1\frac{1}{2}$ ft high $8\frac{1}{2}$ ft
 base around post.

80. 00 Set a post 4 ft long 4 ins
 sq with marked $2\frac{1}{2}$ in 12 ins
 in the ground for Secs
 7-12-13-18. marked

T 11 S. S 7 on N. E

R 30 E S 18 on S. E

R 29 E. S 13 on S. N &

S 12 on N. W faces with
 4 notches on S and 2 notches
 on N edges. dug pits 18×18
 $\times 12$ ins in each sec $5\frac{1}{2}$ ft
 dist and raised a mound
 of earth. 2 ft high $4\frac{1}{2}$ ft

BOOK 1490
E. B. T 11 S. R 29 E

chains base around post

Surface rolling descends to West,
Soil 4" rati^{al} and gravelly

Grass poor

Scattering Mesquite and yucca wood

North- bet Secs 9 and 12

On $12^{\circ} 25' E$

- 40.00 Set a post 3 ft long 3 ins sq
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 16
x 12 ins N & 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, ^{from which a Mesq}
_{4 ins diam to S 80° W}
_{65 lbs dist. marked $\frac{1}{4}$ S. B. T}
- 80.00 Set a post 4 ft long 4 ins sq

E. B. T 11 S. R 29 E

Chains

with marked stone 12 ins in
the ground for Cor to Secs
1-6-7-12. marked

T 11 S. S 6 on N E

R 30 E. S 7 on S E

R 29 E. S 12 on S. W &

S 1 on N W faces with
5 notches on S and 1 notch
on N edges. dug pits 18x18x
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 rolling sand front
descends to West.

Soil 4" red. gravelly

Grass poor

Scattering Mesquite & Greasewood

E. B. T 11 S. R 29 E

Chain

North- bet sees 1 and 6

Va 12° 25' E

Ascend gradually

40.00 Set a Volcanic rock 13X10X5 ins
8 ins in the ground. for $\frac{1}{4}$ Sec
Lev. marked $\frac{1}{4}$ on N face. dug
pit 18X18X12 ins N & 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

74.50 Intersect 2nd Stand Parallel
South- 36.60 chs N of Stand
4 ins 29th marked S.E. T 10 S on pt. 230 E. 391 on E
Lps 10 S. Rs 29 & 30 Entire is post
229 ft. 8 8 ft on N face. with 6 notches on N. E & W
and Set a post $4\frac{1}{2}$ ft long 4 ins sq
with marked stone 12 ins in
the for closing corner to Lps 11
S. Rs 29 and 30 E marked
E. E. T 11 S. on S

E. B. T 11 S. R 29 E

Chain

R 30 E. S 6 on E and
 R 29 E S 1 on W faces.
 with 6 notches on S. E and W
 faces. dug pits 24 x 18 x 12 ins
 crosswise on each line S. E &
 W of post 6 ft dist and
 raised a mound of earth
 2½ ft high 5-ft base around
 post.

Surface rolling sand points
 ascending to S. E

Soil 4" red and sandy
 Grass poor

Scattering mesquite and
 Grease wood bush

Dec 29-84 L. Wolfley-

E. B. T 12 S. R 28 E

Chains

Returning to Cor to Tfs 12 & 13
S. Rs 28 and 29 E. recently
re-established by me I run
North-Set Secs 31 and 36
Wa $12^{\circ} 25' E$

Over mesa

- 40.00 Deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pits 18 X 18 X 12 ins N and S
of Cor $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft
high $\frac{3}{4}$ ft base over it. I
N pit drove a stake 2 ins sq
2 ft long 12 ins in the
ground marked $\frac{1}{4}$ S on N face.
- 80.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs

E. B. T 12 S. R 28 E

Chain

25-30-31-36. marked

L 2 S. S 30 on N. E

R 29 E. S 31 on S. E

R 28 E. S 36 on S W &

S 25 on N W faces, with
 1 notch on S and 5 notches on
 N edges. dug pits-18X18X12
 ins in each see 3/4 ft
 dist & raised a mound of
 earth-2 ft high 4 1/2 ft base
 around post.

Surface mesa, gradually
 ascending to North-

Soil 3" & 4" rate-

Grass good.

Scattering greasewood,
 and Mesquite brush

E B. T 12 S. R 28 E

Chain

North bet Secs 25 and 30

On $12^{\circ} 25' E$

Over mesa

40.00 Deposited marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. dug pits 15 X 18 X 12 ins N and S of Cor $5\frac{1}{2}$ ft dist 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 ins sq 2 ft long 12 ins in the ground marked $\frac{1}{4}$ S on NW face.

80.00 Set a post 4 ft long 4 ins sq with marked stone 12 ins in the ground for Cor to Secs. 19-24-25-30 marked

T 12 S. - S 19 on N. E

R 29 E. S 30 on S. E

R 28 E. S 25 on S. W and

E. B. T 12 S. R 25 E

Chains

S 24 on N. Mt faces. with 2
notches on S and 4 notches on
N edges. dug pits 18x18x12 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 mesa. grad ascending
Soil 2" & 3" rate
Grass good
dense low greasewood brush

North- bet Secs 19 & 24

On $12^{\circ} 25' E$

Over level mesa

40. 00 deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec cor.
dug pits 18x18x12 ins N & S of

E. B. D 12 S. R 2 & E

Lhs

Cor $5\frac{1}{2}$ ft dist & 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 ins sq 2 ft long 12 ins in the ground marked $\frac{1}{4}$ 3 on N face.

80.00 Set a post 4 ft long 4 ins sq with marked stone 12 ins in the ground for Cor to Secs 13-18-19-24 marked T 12 S. S 18 on N. E
R 2 & E. S 19 on S. E

R 2 & E. S 24 on S. W and

S 13 on N. W faces with 3 notches on N and S 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 around post.

Surface level mesa

E. B. T 12 S. R 28 E

chains

Soil 2" to 3" water

Grass good

Scattering greasewood

North - bet Secs 13 & 18

On 12° 25' E

Over mesa

37.85 Cross road from Smyth's to
Bowie on N. E and S. W.

40.00 A fossiliferous marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec cor.
dug pit 18x18x12 ins N and S
of cor $5\frac{1}{2}$ ft dist 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 ins sq
2 ft long 12 ins in the ground

E. B. T 12 S. R 28 E

Chain

marked $\frac{1}{4}$ S on W face.

80.00 Set a post 4 ft long 4 ins sq with
marked stone 12 ins in the
ground for Sec 7-12-18-18
marked T 12 S. S 7 on N. E

R 29 E. S 18 on S. E

R 28 E. S 13 on S. W and

S 12 on N. W faces with 4
notches on S and 2 notches on N edges
dug pits 18 x 18 x 12 ins in each sec
 $\frac{3}{2}$ ft dia and raised a mound
of earth 2 ft high $4\frac{1}{2}$ ft base
around post.

Surface level mesa

Soil 3" to 4" rati

Grass good

Scattering greasewood brush

E. B. T 12 S. R 28 E

chs

North- bet Secs 7 and 12

On $12^{\circ} 25' E$

Over level mesa

40.00 Deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pit 18x18x12 ins N & S
of Cor $5\frac{1}{2}$ ft dist 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
ins sq 2 ft long 12 ins in
the ground marked $\frac{1}{4}$ S
on NW face.

80.00 Set a post 4 ft long 4 ins
sq with marked stone 12 ins
in the ground for Cor to Secs
1-6-7-12. marked

T 12 S S 6 on N, E

E. B. T 12 S. R 25 E.

Lehs

R 29 E. S 7 on S E

R 28 E. S 12 on S. W and

S 1 on N. W faces with 5-
notches on S and 1 notch on N
edges. dug pits 18x18x12 ins in
each sec 5 1/2 ft dist and
raised a mound of earth 2 ft
high 4 1/2 ft base around post.
Surface level mesa
Soil 3" rate

Grass good

Scattering Grease wood

North bet secs 1 and 6

On 12° 25' E

Over level mesa

40.00 deposited marked stone 12 ins

E. B. T 12 S. R 28 E

Chains

in the ground for $\frac{1}{4}$ Sec Cor.
 dug pits $18 \times 18 \times 12$ ins N & 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 over it. In N pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground
 marked $\frac{1}{4}$ S on W face.

80.00

Set a post $4\frac{1}{2}$ ft long 4 ins
 sq with marked stone 12
 ins in the ground for Cor
 to Tps 11 and 12 S. R 28 E
 29 E. marked

T 11 S. S 31 on N E

R 29 E. S 6 on S. E

T 12 S. S 1 on S. W &

R 28 E. S 36 on N. W

faces. with 6 notches on

lbs

each edge, dug pits $24 \times 18 \times 12$ in lengthwise on each line N. S. E and W of post 6 ft dist and raised a mound of earth $2\frac{1}{2}$ ft high 5 ft base around post.

Mt Los Cabanos br $S 36^{\circ} 43' W$

" Graham " $N 53^{\circ} 20' W$

Surface level mesa

Soil 2" & 3" rate

Grass good

Scattering greasewood

I carefully examined the adjustments of my Solar Transit today particularly the latitude and reversing apparatus and found them correct

Dec 30th '84 L. Wolfley

A. B. T12 S. R29 E

Chain In retracing the S. By of this
 T₁₂ having found its course to
 be $589^{\circ} 21' E$ I therefore run
 from the Cor to T₁₁ and 12 S.
 R₂₈ and 29 E. just established by
 me. $589^{\circ} 21' E$. Va $12^{\circ} 31' E$.

Setting temporary Cors at each 40
 80 chs. and at 5 miles 76 40 chs
 intersect range line 84 lbs N of
 Cor to T₁₁ & 12 S. R₂₉ & 30 E.
 recently established by me
 from which Cor I run

$489^{\circ} 15' W$ on a true line bet Secs
 1 and 36. Va $12^{\circ} 31' E$

Through Valley

40.00 deposited marked stone 12
 ins in the ground for $\frac{1}{4}$ Sec
 Cor. dug pits 18x18x12 ins
 E and W of Cor. $5\frac{1}{2}$ ft dist
 and raised a mound of

A. B. T 12 S. R 29 E

cks

earth- $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over
it. In E pit drove a stake 2 ins
sq 2 ft long 12 ins in the
ground marked $\frac{1}{4}$ S on N face,
76.00
80.00 ^{cross road to N and S}
Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs
1-2-35-36 marked

T 11 S. S 36 on N. E

R 29 E. S 1 on S. E

T 12 S. S 2 on S. W and

S 35- on N W faces, with 1
notch on E and 5 notches on W
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 around post
Surface level

A. B. T 12 S. R 29 E

Chain

Soil adobe. 4" rali

Grass poor.

Scattering greasewood

N 89° 15' W on a true
line bet sees 2 and 35-

Va 12° 31' E

Through Valley

1. 25-

~~cross road from San Simon
Station to Solomonville to N 9 E.~~

32 75

cross San Simon Creek 15-
lks wide. course N

36 00

Leave valley and ascend
gradually to mesa

40. 00

deposited marked stone 12
ins in the ground for 1/4
Sec Cor. dug pits 18x18x12

N. B. T 12 S. R 29 E

chains

ins E and W of cor. $5\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it. In E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground marked $\frac{1}{4}$ S on N face.

80.00

Set a frost 4 ft long 4 ins sq with marked stem 12 ins in the ground, for cor to Secs 2-3-34-35: marked

T 11 S. S 35 on N. E

R 29 E. S 2 on S. E

T 12 S. S 3 on S. W and

S 34 on N. W faces, with 2 notches on E and 4 notches on W 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

A. B. T 12 S. R 29 E

Lehs

ft high $4\frac{1}{2}$ ft base around
post.

Surface nearly level

Soil adobe. 3" & 4" radi-

Grass poor in E half.

fair in West.

Scattered greasewood.

N $89^{\circ} 15'$ W on a true line

bet Secs 3 and 34

On $12^{\circ} 31'$ E

Over mesa

40.00

deposited marked stone 12
ins in the ground for $\frac{1}{4}$ Sec

Cor. dug pits 18x18x12 ins

E and W of Cor $5\frac{1}{2}$ ft dist

and raised a mound

At. B. T 12 S. R 29 E

chains

of earth- 1 1/2 ft high 3 1/2 ft base
over it. In E pit drove a stake
2 ins sq 2 ft long 12 ins in
the ground marked 1/4 Sec N face.

80.00

Set a post 4 ft long 4 ins sq
with marked stone 12 ins in the
ground for Cor to Secs 3-4-33-
34. marked

T 11 S. S 84 on N. E

R 29. S 3 on S. E

T 12 S. S 4 on S. W and

S 33 on N. W faces. with-
3 notches on E and W edges.
dug pits 18x18x12 ins in each
sec 5 1/2 ft dist and raised a
mound of earth 2 ft high
4 1/2 ft base around post.

Surface meas. grad. ascends
S. W

N. B. T 12 S. R 29 E

Chain

Soil 4" rati

Grass fair

dense low greasewood and
Mesquite brush.N 89° 15' W on a true line
between Secs 4 and 33

Va 12° 31' E

ascend gradually

40.00

Deposit marked stone 12
ins in the ground for $\frac{1}{4}$ Sec
Cor. dug pit 18x18x12 ins
E and W of Cor. $5\frac{1}{2}$ ft dist
and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base over it. In E pit
drove a stake 2 ft long

N. B. T 12 S. R 29 E

Chain

2 in sq 12 in in the ground
marked $\frac{1}{4}$ S on N. face.

80.00 Set a post 4 ft long 4 in sq
with marked stone 12 in in
the ground for Cor to Secs
4-5-32-33, marked

T 11 S. S 33 on N. E

R 29 E. S 4 on S. E

T 12 S. S 5 on S. W and

S 32 on N. W faces, with 4
notches on E and 2 notches on
W edges. dug pit 18x18x12 in 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 runs gradually
ascending to S. W

Soil 4" rate

N. B. T 12 S. R 29 E

Chain

Grass fair
 dense low greasewood &
 mesquite brush

N 89° 15' W on a true
 line bet Secs 5 and 32
 Va 12° 31' E

Over mesa

31. 75- Cross road from Smythis
 to Bowie for N and S.

40. 00 deposited marked stone 12.
 ins in the ground for $\frac{1}{4}$ Sec
 cor. dug pit 18x18x12 ins.
 E and W of cor. $5\frac{1}{2}$ ft dist
 and raised a mound of
 earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
 over it. In E pit drove a

N. B. T 12 S. R 29 E

chains

stake 2 ins sq 2 ft long 12 ins
in the ground marked $\frac{1}{4}$ S on
N face.

80.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in the
ground for Cor li Secs 5-6-31-32
marked T 11 S. S 32 on N. E
R 29 E. S 5 on S. E

T 12 S. S 6 on S. W and

S 31 on N. W faces, with 5
notches on E and 1 notch on W
edges, dug pits 18X18X12 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 mesa, ascend grad - S, W
Soil 3" & 4" rate. Grass good
Scattering greasewood

N. B. T 12 S, R 29 E

Chain

N 89° 15' W on a true line

bet Secs 6 and 31

Va 12° 31' E

Over mesa

40.00 deposited a marked stone 12
 ins in the ground, for $\frac{1}{4}$ Sec
 Cor. dug pits 18X18X12 ins
 E and W of Cor $5\frac{1}{2}$ ft dist
 and raised a mound of
 earth $\frac{1}{2}$ ft high $8\frac{1}{2}$ ft base
 over it. In E pit drove a
 stake 2 ins sq 2 ft long
 12 ins in the ground,
 marked $\frac{1}{4}$ S on N face.

76.40 The Cor to Tps 11 and 12 S.
 Rs 28 and 29 E, recently
 established by me.

Surface mesa

Chain

Soil 3rd rate

Grass good

Scattering greasewood

Dec 31 '84 - L. Wolfley

E. B. T 11 S. R 28 E

From the Cor to Tps 11 and 12 S
Rs 28 and 29 E. recently es-
tablished by me. I run

North bet Secs 31 and 36

On 12° 25' E

Over level mesa

40.00

deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pit 18x18x12 ins N and S of
Cor $5\frac{1}{2}$ ft dist and raised a

E. B. T 11 S. R 28 E

Chains

mound of earth - $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In N
 fit drove a stake 2 ins
 sq 2 ft long 12 ins in the
 ground marked $\frac{1}{4}$ S on NW face.

80.00

Set a post 4 ft long 4 ins
 sq with marked stone 12 ins
 in the ground for Cor to Secs
 25-30-31-36. marked

T 11 S. S 30 on N. E

R 29 E S 31 on S. E

R 28 E. S 36 on S. NW and

S 25 on N W faces with
 1 notch on S and 5 notches
 on N edges dug pits $18 \times$
 18×12 ins in each sec $5\frac{1}{2}$
 ft dist and raised a mound
 of earth - 2 ft high $4\frac{1}{2}$ ft

BOOK 1490
E. B. T 11 S. R 28 E

Chaim

base around post.

Surface level

Soil 2" & 3" rate

Grass good

Scattering greasewood.

North bet Secs 25 and 30

On $12^{\circ} 25' E$

Ascend gradually from mesa

10.00 deposited marked stone 12 ins

in the ground for $\frac{1}{4}$ Sec cor, dug
pits 18x18x12 in N and S of cor

$5\frac{1}{2}$ ft dist 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 ins sq 2 ft long 12 ins in

the ground. Marked $\frac{1}{4}$ Sec on N face.

E. B. T 11 S. R 28 E

chains

80.00

Set a post 4 ft long 4 ins
 sq with marked stone 12 ins
 in the ground for cor to Secs
 19, 24, 25, 30, marked

T 11 S. S 19 on N. E.

R 29 E. S 30 on S. E.

R 28 E. S 25 on S. W &

S 24 on N. W faces, with
 2 notches on S and 4 notches
 on N 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 nearly level.

Soil 2" & 3" rate

Grass good

Scattering Greasewood

E B T 11 S. R 28 E

Chain

North- Set Secs 19 and 24

Wa 12° 25' E

descend gradually

10.00 Deposited marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. 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 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 W face.

6.75- Center rolling breaks of mesa, descending to San Simon Creek

0.00 Set a post 4 ft long 4 ins sq with marked stone 12 ins in the ground for Cor to Secs 13-18-19-24 marked T 11 S. S 18 on N. E

R 29 E. S 19 on S. E

E. B. T. S. R 28 E.

Chains

R 28 E. S 24 on S. M_r and
 S 13 on N. M_r faces. with 3
 notches on N and S edges. dug
 pits 18 X 18 X 12 ins in each sec
 5½ ft dist and raised a
 mound of earth 2 ft high
 4½ ft base around foot.
 Surface descending over mesa
 Soil 3" to 4" rate

Grass good

Scattering Mesquite and
 Grease wood brush

North bet secs 13 and 18

Na 12° 25' E

descend over breaks

40.00

dioposilit marked stone 12

E. B. T. S. R 28 E

Lehain

ins in the ground for $\frac{1}{4}$ Sec Cor
dug pits $18 \times 18 \times 12$ ins N and S of
floor $5\frac{1}{2}$ ft dist and raised a
mound of earth $1\frac{1}{2}$ ft high $8\frac{1}{2}$
ft base over it. In N pit drove
a stake 2 ins sq 2 ft long 12
ins in the ground marked $\frac{1}{4}$
S on N face.

80.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in the
ground for Cor to Secs 7, 12, 13, 18
marked T. S. S. T on N. E
R 29 E. S 18 on S. E

R 28 E. S 13 on S. N and
S 12 on N. N faces, with 4
notches on S and 2 notches on N
edges. dug pits $18 \times 18 \times 12$ ins in
each sec $5\frac{1}{2}$ ft dist & raised

E. B. T. S. R 2 & E

Chain

a mound of earth 2 ft high
4½ ft base around post.

Surface rolling

Soil 4" rate

Grass poor

Scattering Mesquite and
Grease wood brush

North bet secs 7 and 12

On 12° 25' E

descend grad over breaks

40.00

deposited marked stone 12
ins in the ground for ¼

Sec Cor. dug pits 18x18x12

ins N and S of cor 5½ ft dist
and raised a mound of
earth 1½ ft high 3½ ft

E. B. T. S. R 2 & E

chs

base over it. In N pit drove a stake 2 ins sq 2 ft long 12 ins in the ground, marked 1/4 S on N face.

Enter San Simon Valley brs N. W

79.90 Cross " " Creek 14 lks wide, course N. W

80.00 Set a post 4 ft long 4 ins sq with marked stone 12 ins in the ground for Cor to Secs 1-6-7-12, marked

T 11 S. S 6 on N. E

R 29 E. S 7 on S. E

R 28 E. S 12 on S. W and

S 1 on N W faces, with 5 notches on S and 1 notches on N edges, dug pits 18x18x12 ins in each sec 5 1/2 ft dist and raised a

E. B. T 11 S. R 28 E

4 chains

mound of earth 2 ft high
 4½ ft base around post
 Surface level Valley last
 40 chains

Soil adobe. 4" rati

Grass poor

Scattering Mesquite brush

North bet Secs 1 and 6

Va 12° 25' E

Through Valley

3. 10

Cross road from San Simon
 Station to Solomonville bro

N. W. and S. E. and leave

Valley and enter chopping
 sand hills

40. 00

deposited marked stone

E. B. T. H. S. R 28 E

12 ins in the ground for $\frac{1}{4}$ Sec
Cor. dug pits 18x18x12 ins N &
S of Cor. $5\frac{1}{2}$ ft dist 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 ins sq
2 ft long 12 ins in the
ground marked $\frac{1}{4}$ S on W face.

67.50

Intersect 2" Stand Parallel

South - 33.90 chs W of Stand
which is post 4 ins sq marked T. H. S. R. 28 E S

Cor to T. H. S. R. 28 & 29 E

31 on E. & R. 28 E. 15.26 on W face. with 6 notches on D. E. & L.
No. 3 pins. with 2 to top of post of post, size

Set a post $4\frac{1}{2}$ ft long 4 ins
sq with marked stone 12 ins

in the ground for closing Cor

to T. H. S. R. 28 & 29 E

marked C. C. T. H. S. on S.

R 29 E. S 6 on E and

R 28 E. S 1 on W face.

with 6 notches on S. E and
 W faces. dug pits 24 X 18 X
 12 ins crosswise on each
 line S. E and W of post 6
 ft dist and raised a
 mound of earth 2 1/2 ft
 high 5 ft base around post.
 Surface chopping sand breaks
 Soil 4" rati, and sandy
 Grass poor.

Scattering Mesquite &
 Grease wood brush.

I carefully examined the
 adjustment of my Solar
 Transit today particular
 ly the latitude & reversing
 apparatus & found them
 correct.

July 2nd 1885

L. Wolfley-

BOOK 1490
E. B. T 12 S. R 27 E

Chain

From the Cor to Tps 12 and 13
S. Rs 27 and 28 E. recently re-
established by me & men

North bet Secs 31 and 36

On $12^{\circ} 31' E$

20

Road along side S. P. R. R
bet N. W and S. E

10.00

deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Sec
dug pit $18 \times 18 \times 12$ ins N & S
of Cor $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft high
 $8\frac{1}{2}$ ft base over it. In N pit
drove a stake 2 ins sq 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on NW face.

20.00

Set a post 4 ft long 4 ins sq
with marked stone 12 ins in

BOOK
E. B. T 12 S. R 27 E.

Chains

The ground for Cor 6 Secs
25-30-31-36. marked

T 12 S. S 30 on N. E

R 28 E, S 31 on S. E

R 27 E, S 36 on S. M &

S 25 on N. M faces with
1 notch on S and 5 notches

on N edges dug pits 18x
18x12 in in each sec

5½ ft dist & raised a
mound of earth 2 ft

high 4½ ft base around post
Land level

Soil 2" rate

Good grass

Some brush

E. B. T 12 S. R 27 E

chains

North bet Secs 25 and 30

Va $12^{\circ} 31' E$

0.00 deposited marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec Cor.

chug. pits. $18 \times 18 \times 12$ ins N and S
of Cor $5\frac{1}{2}$ ft dist 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 ins sq 2 ft
long 12 ins in the ground.
marked $\frac{1}{4}$ S on N face.

0.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs 19-24
25-30. marked

T 12 S. S 19 on N. E

R 28 E. S 30 on S. E.

R 27 E. S 25 on S. W

E. B. T 12 S, R 27 E

Chains

S 24 on N W faces with 2 notches on S and 4 notches on N edges. dug pits 18x18x12 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.

Land level

Soil 2" calc

Good grass

Some brush

North bet secs 19 and 24

On $12^{\circ} 31' E$

40.00

Set a post 3 ft long 3 ins sq with marked stone 12 ins in the ground for

E. B. T12 S. R 27 E

chains

$\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ S on N face.
dug pits- $18 \times 18 \times 12$ 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.

0.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs 13, 18
19, 24, marked

T12 S. S 18 on N. E

R 28 E. S 19 on S. E

R 27 E. S 24 on S. N and

S 13 on N. N faces, with 3
notches on N and S 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 around post.

E. B. T 12 S. R 27 E

Chains

Surface level
 Soil 2" rate
 Good grass
 Scattering brush

North- bet Secs 13 and 18

On 12° 31' E

40.00 deposited marked stone 12
 ins in the ground for $\frac{1}{4}$ Sec
 Cor. dug pits 18x18x12 ins
 N and S of Cor. $5\frac{1}{2}$ ft dist &
 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 ins sq 2 ft long 12 ins
 in the ground, marked
 $\frac{1}{4}$ S on NW face,

E. R. T 12 S. R 27 E

chains

0.00 Set a frost 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs 7-12
13-18. marked

T 12 S. S 7 on N. E

R 28 E. S 18 on S. E

R 27 E. S 13 on S. W and

S 12 on N. W faces. with 4
notches on S and 2 notches on N
edges. dug pits 18x18x12 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 frost.

Surface level

Soil 2" & 3" rate

Grass good

Scattering brush

E. B. T 12 S. R 27 E

Chain

North - bet Secs 7 and 12

Wa $12^{\circ} 31' E$

40.00 Deposited marked stone 12
ins in the ground for $\frac{1}{4}$ Sec
Cor. dug pit $18 \times 18 \times 12$ ins
N and S of Cor $5\frac{1}{2}$ ft dist &
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 ins sq 2 ft long 12 ins
in the ground marked $\frac{1}{4}$
on N face.

60.00 Descend into Valley bet E
and W. angle of 5°

62.00 Enter Valley

64.00 Leave " Ascend at an
angle of 4°

65.00 Top of Mesa

E. B. T 12 S. R 27 E

After making correct allowance
Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor W Secs 1-6
7-12. marked

T 12 S. S 6 on N. E

R 28 E. S 7 on S. E

R 27 E. S 12 on S. W and

S 1 on N. W faces, with 1
notch on N and 5 notches on S
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 rolling

Soil 2" rate

Good grass

Some brush

E. B. T 12 S. R 27 E

Chains

North- bet Secs 1 and 6

Va $12^{\circ} 31' E$ 4.00 descend slope angle 3°

9.00 Enter Valley br N. E & S. W.

22.00 Cross road from Bowie to S. L.
omerville br N. E and S. W

40.00 Deposited marked stone 12 ins
in the ground for "4 Sec
Cor. dug pits: $18 \times 18 \times 12$ ins
N and S of Cor $5\frac{1}{2}$ ft dist &
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 ins sq 2 ft long 12 ins
in the ground marked
"4 S on W face.

46.00 Leave Valley br N. E & S. W.
ascend at an angle of 15°

E. B. T 12 S. R 27 E

rain

47.50

47.50

Top of Mesa

marked correct, all square and

Set a post $4\frac{1}{2}$ ft long 4 ins sq

nick-marked stone 12 ins in

the ground for Cor to T 11 S 11 9 12

S. R 27 & 28 E marked

T 11 S. S 31 on N. E

R 28 E. S 6 on S. E

T 12 S. S 1 on S. W and

R 27 E. S 36 on N. W faces.

nick-6 notches on each edge, dug

pits $24 \times 18 \times 12$ ins lengthwise

on each line N. S. E & W of post

6 ft dist, and raised a mound

of earth $2\frac{1}{2}$ ft high 5 ft base

around post.

Surface rolling.

Soil 2" rati. Grass good

Dec 22nd 44

Some brush N. S. Front

A. B. T/2 S. R 27 E

Chains

From the Cor to T/2 S. R 27 E
 S. R 27 & 28 E just estab-
 lished by me I run West
 on a random line

Va 12° 31' E

Setting temporary $\frac{1}{4}$ and Sec.
 Corners at each 40 & 80
 chs. and at 5 m. 77 chs
 14 lks intersect range
 line 200 lks N of Cor to
 T/2 S. R 26 & 27 E.
 which is a post 4 ins sq
 marked T 11 S. S 31 on N. E

R 27 E. S 6 on S. E

T/2 S. S 1 on S. W &

R 26 E. S 36 on N. W

faces. with 6 notches on
 each edge. and marked

BOOK 1496
A. B. T 12 S. R 27 E

Chains

of stone around post,
from which cor I run
N $89^{\circ} 46'$ E on a true line bet Secs 6 & 31

On $12^{\circ} 81'$ E

9. 64 Cross wash 50 lbs wide Co S. E

17. 49 Ascend abruptly 15 ft

21. 14 Cross wash course S.

37. 14 Set a granite rock $10 \times 10 \times 4$ ins
6 ins in the ground for $\frac{1}{4}$ Sec
line, marked $\frac{1}{4}$ on N face, and
raised a mound of stone alongside
on left bank of ravine

45. 14 Descend into ravine brs S. E
angle of 18°

47. 64 Bottom of same

49. 89 Cross dry wash 20 lbs wide Co S. E

51. 14 Leave ravine bearing S. E and
ascend at an angle of 15°

N. B. T 12 S. R 27 E

Chain

52. 14 Top of mesa.
 66. 64 across wash 5 lks wide Co. N. E
 77. 14 I make correct allowances &
 Set a post 4 ft long 4 ins
 sq with marked stone 12 ins
 in the ground for Cor to Secs
 5-6-31-32. marked

T 11 S. S 32 on N. E

R 27 E. S 5 on S. E

T 12 S. S 6 on S W and

S 31 on N. W faces with 5
 notches on E and 1 notchon W edges dug pits 18 x
 18 x 12 ins in each sec5 1/2 ft dist and raised a
 mound of earth 2 ft high
 4 1/2 ft base around post
 Sand rolling

A. B. T 12 S. R 27 E

Chain

Soil 8" radi. stony

Good grass

Scattering brush

N 89° 46' E on a true line bet Secs 5 & 32

Wa 12° 31' E

36.80 Elbow of wash 10 lks wide flows
S. E then N. E40.00 Set a post 3 ft long 3 ins sq
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
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

49.00 Enter wash 13 lks wide course E

62.00 Leave " course S. E

A. B. T 12 S. R 27 E

Chains

80.00 Set a post 4 ft long 4 in sq
 with marked stone 12 ins in
 the ground for cor to Secs
 4-5-32-33. marked

T 11 S. S 33 on N. E

R 27 E. S 4 on S. E

T 12 S. S 5 on S. W S

S 32 on N. W faces. with 4
 notches on E and 2 notches on
 W edges. dug pits 18x18x12 ins
 in each sec 5-1/2 ft dist and
 raised a mound of earth 2
 ft high 4 1/2 bac around post.
 Land level and rolling

Soil 3" rate

Good grass

Scattering brush

N. B. T 12 S. R 27 E

Chain

N 89° 46' E on a true line bet secs 4 and 33

Wa 12° 31' E

13. 65- descend at an angle of 5°

17. 65- cross dry wash 10. lks wide course N. E

40. 00 make correct allowances and

Set a post 3 ft long 3 ins sq with
 marked stone 12 ins in the ground
 for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ S on N face.
 dug pits 18X18X12 ins E and W of post
 5 $\frac{1}{2}$ ft dist & 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 sq with
 marked stone 12 ins in the ground
 for Cor to Secs 3-4-33-34 marked
 T 12 S. S 34 on N. E

R 27 E. S 3 on S. E

T 12 S. S 4 on S. W and

A. B. T 12 S. R 27 E

Chains

S 33 on N W faces with 3
notches on E & W edges dug
pit 18x18x12 in in each
Sec 5½ ft dist and raised a
mound of earth 2 ft high
4½ ft base around post
On S side of small ravine
br N. E

Surface nearly level

Soil 2" & 8" rate

Good grass

Scattering brush

N 89° 46' E on a true line

bet secs 3 and 34

Via 12° 31' E

29. 10 Lewis dry wash 3.5 kts wide Co. N. E

A. B. T12 S. R 27 E

Chain

40.00 Set a post 3 ft long 3 ins sq with
marked stone 12 ins in the ground
for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ S on N face
dug pits 18X18X12 ins E and W of
post $5\frac{1}{2}$ ft dist and raised a mound
of earth $1\frac{1}{2}$ ft high $8\frac{1}{2}$ ft base
around post.

69.00 Descend at an angle of 10°

71.00 Enter small valley br S. E

80.00 Make correct allowance and

Set a post 4 ft long 4 ins sq with
marked stone 12 ins in the ground
for Cor to Secs 2-3-34-35. marked

T11 S. S 35- on N. E

R 27 E. S 2 on S. E

T12 S. S 3 on S. W and

S 34 on N. W faces. with 2 notches
on E and 4 notches on W edges

N. B. T 12 S. R 27 E

Chains

dug pits 15x15x12 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 nearly level.

Soil 2" rati-

Good Grass

Some brush

N $89^{\circ}46'$ E on a true line

bet Secs 2 and 35

on $12^{\circ}31'$ E

1. 00 Ascend^{out} of valley brs S. E
 angle of 18°
2. 00 Top of mesa
12. 50 Enter ravine brs S. E.
19. 00 Leave "

BOOK 1430
N. B. T 12 S. R 27 E

chains

- 27.00 descend at an angle of 19°
29.00 Enter Vally br N. E
40.00 Make correct allowance and
Set a granite 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, and raised
a mound of stone alongside
On N side of Vally
42.50 Cross wash 10 lbs wide Course N. E
62.00 Leave Vally br N. E and ascend
at an angle of 20°
63.00 Top of mesa
80.00 after making correct allowance
Set a post 4 ft long 4 ins sq
with marked stone 12 ins in the
ground for Cor to Secs 1-2-35-36
marked T 11 S. S 36 on N. E
R 27 E. S 1 on S. E

A B. T 12 S. R 27 E

Chains

T 12 S. S 2 on S W and
 S 35 on N. W faces with 1
 notch on E and 5 notches on
 W 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 rolling

Soil 2" rate

Grass good

Scattering brush

N 89° 46' E on a true line
 bet Secs 1 and 36

Wa 12° 31' E

17.00 Head of small ravine
 to N. E

N. B. T-12 S. R 27 E

Chains

- 34.00 Cross ravine 200 lks wide for N. E
- 40.00 Deposited marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. dug pits 18x18x12 ins E and W of Cor 5 $\frac{1}{2}$ ft dist and raised a mound of earth $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base over it. In E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground marked $\frac{1}{4}$ S on N face.
- 80.00 The Cor to Tps 11 and 12 S. R 27 E 28 E from which I started
Surface rolling
Soil 3" rate

Grass good. Some brush.
Dec 22nd '84 N. B. Frost
I care fully examined the adjustments of my solar Transit today particularly the latitude and reversing apparatus and found them correct

N. B. T 12 S. R 28 E

Chain

From the cor to Tps 11 & 12 S.
R 27 & 28 E. recently es-
tablished by me I run E
on a random line

Va $12^{\circ} 31' E$

Setting temporary "u" & Sec
Corners at each 40 & 80 chs
and at 6 miles 30 lks intersect
range line 48 lks N of cor
to Tps 11 & 12 S. R 28 & 29 E
recently established by me
from which cor I run
 $N 89^{\circ} 57' W$ on a true line

bet Secs 1 and 36

Va $12^{\circ} 31' E$

Over mesa

40.00 deposited marked stone
12 ins in the ground for

BOOK 1450
A. B. T 12 S. R 28 E

Chains

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

80.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs 1-2
35-36. marked

T 11 S. S 36 on N. E

R 28 E. S 1 on S. E

T 12 S. S 2 on S. W and

S 35- on N. W faces. with 1 notch
on E and 5 notches on W edges.
dug pits 18 x 18 x 12 ins in each
Sec $5\frac{1}{2}$ ft dist and raised a

N. B. T 12 S. R 28 E

Chain

mound of earth - 2 ft high
 4½ ft base around post.

Surface level mesa

Soil 3" & 4" rate

Grass good

Scattering Greasewood brush

N 89° 57' W on a true
 line bet secs 2 and 35

Or 12° 31' E

Over mesa

40.00 deposited marked stone

12 ins in the ground for

¼ Sec Cor. dug pit 18x18x

12 ins E and W of Cor 5½ ft
 dist and raised a mound

of earth - 1½ ft high 3½ ft

N. B. T 12 S. R 28 E

chain

base over it. In E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground. marked 1/4 S on N face.

80.00

Set a post 4 ft long 4 ins sq with marked stone 12 ins in the ground for Cor to Secs 2-3-34-35. marked T 11 S. S 35 on N E

R 28 E. S 2 on S. E

T 12 S. S. 3 on S. W and

S 34 on N W faces. with 2 notches on E and 4 notches on W edges. dug pits 18x18x12 ins in each sec 5 1/2 ft dia and raised a mound of earth 2 ft high 4 1/2 ft base around post. Surface level mesu

Grass good

A. B. T 12 S. R 28 E

Chain

Soil 3" & 4" rali

Scattering greasewood brush

A 89° 5-7' W on a line line bet

Secs 3 and 34. Wa 12° 31' E

Over rolling mesa

40.00

deposited marked stone 12

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

Cor. dug pit 18x18x12 ins E &

W of Cor $5\frac{1}{2}$ ft dist and raiseda mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it. In E pit

drove a stake 2 ins sq 2 ft

long 12 ins in the ground

marked $\frac{1}{4}$ S on N face.

80.00

Set a post 4 ft long 4 ins sq

with marked stone 12 ins in

N. B. T12 S. R28 E

Lehain

the ground for Cor to Secs 3-4-33-34
marked T11 S. S 34 on N. E

R 28 E. S 3 on S. E

T12 S. S 4 on S. W and

S 33 on N. W faces with 3 notches
on E and W edges. dug pits 18X18X12
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 rolling mesa

Soil 3" and 4" rate

Grass good

Scattering greasewood brush

N 89° 57' W on a true line bet Secs 4 & 33

On 12° 31' E

Over rolling mesa

A. B. T 12 S. R 28 E

Chains

- 37.00 Cross wash, course N. E
- 40.00 Deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pit 18X18X12 ins E & W
of cor. $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In E pit
drew a stake 2 ins sq 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on N face.
- 78.50 Cross road from Bowie to
Solomonville brs N and S.
- 80.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs 4-5-
22-23. marked
T 11 S. S 23 on N. E
R 28 E. S 4 on S. E.

N. B. T 12 S. R 28 E

chains

T 12 S. S 5 on S. W and

S 32 on N. W faces. with 4 notches on E and 2 notches on W edges dig pits 18x18x12 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 rolling mesa. gradually ascending to N E.

Soil 3" to 4" red

Grass good

Scattering grease wood brush

N 89° 57' W on a true line bet secs 5 & 32

via 12° 31' E

Over rolling mesa

40.00

definitely marked stone 12 ins in

A. B. T 12 S. R 28 E

Chains

in ground for $\frac{1}{4}$ sec cor. dug
 pit- 18x18x12 in E and W
 of cor. $5\frac{1}{2}$ ft dist. and raised
 a mound of earth- 1 $\frac{1}{2}$ ft high
 $8\frac{1}{2}$ ft base over it. In E pit
 drove a stake 2 in sq 2 ft
 long 12 in in the ground
 marked $\frac{1}{4}$ S on N face.

80.00 Set a Volcanic rock 11x6x4
 in 7 in in the ground for
 Cor to Secs 5-6-31-32. marked
 with 5 notches on E and 1 notch
 on W edges dug pit- 18x18x12
 in in each sec $5\frac{1}{2}$ ft dist
 and raised a mound of
 earth- 2 ft high $4\frac{1}{2}$ ft base
 along side.

Surface rolling mesa.

A. B. T12 S. R28E

Chain

gradually ascends to N. E

Soil 3" to 4" rate

Grass good

Scattering greasewood brush

At 9° 57' N on true line bet sees 6 & 31

Wa 12° 31' E

37.30 descend from mesa angle of 15°

38.60 Enter Valley on N. E and S. W
make correct allowances and

40.00 Set a Volcanic rock 12 x 7 x 5 ins

8 ins in the ground for 1/4 sec cor
marked 1/4 on N face. dug pit 15 x 15

x 12 ins E & W of rock 5 1/2 ft dist

and raised a mound of earth

1 1/2 ft high 3 1/2 ft base alongside

43.70 cross road from Wilcot to Solomon-
ville on N. E and S. W:

Chains

80.30 The Cor to Tps 11 and 12 S. Rs
27 and 28 E. from which I
started

Surface rolling mesa

Soil 3" to 4" vati

Good grazing

Scattering brush.

Dec 23^d '84 A. S. Frost

E. B. T 11 S. R 27 E

From the Cor to Tps 11 and 12 S.
Rs 27 and 28 E. recently estab-
lished by me I run

North- bet secs 31 and 36

Wa 12° 31' E

40.00 Set a post 3 ft long 3 ins
sq with marked stone 12

E. B. T 11 S R 27 E

Chains

ins in the ground for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ S on N face, dug pits
18X18X12 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 sq
with marked stone 12 ins in the
ground for Cor to Secs 25-30-31
36 marked T 11 S. S 30 on N. E
R 28 E. S 31 on S. E

R 27 E. S 36 on S. W and
S 25 on N. W faces with 1 notch
on S and 5 notches on N edges,
dug pits 18X18X12 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.

E. B. T. H. S. R 27 E

Chains

Land nearly level

Soil 2" rate

Good grass

Scattering brush

North bet Secs 25 and 30

On $12^{\circ} 31' E$

40.00 Set a post 3 ft long 3 ins sq
with marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ Sec NW face. dug pit 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 sq
with marked stone 12 ins in

C. B. T. S. R 27 E

chains

the ground for Cor li Secs 19-24-25-30
marked T. S. S 19 on N. E

R 28 E. S 30 on S. E.

R 27 E. S 25 on S. W and

S 24 on N. W faces with 2 notches
on S and 4 notches on N edges. dug
pits 18x18x12 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.

Land nearly level

Soil 2" rate

Good grass

Scattering bush

E. B. T. 11 S. R 27 E

Chain

raised a mound of earth-
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.

77.00 Cross mark 10 lks wide Course E.

80.00 Set a post 4 ft long 4 in sq
with marked stone 12 ins in
the ground for Cor to Secs 7-12
13-18 marked

T 11 S. S 7 on N. E

R 28 E. S 18 on S. E

R 27 E. S 13 on S. W and

S 12 on N. W faces with 4
notches on S and 2 notches

on N 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
around post.

C. B. T 11 S. R 27 E

Lehans

Surface level

Soil 2" water

Good Grass

Scattering brush

North- bet Secs 7 and 12

On $12^{\circ} 31' E$

16.00 Cross wash 1 lk wide course E

17.00 " " 5- lks " " "

40.00 Deposition marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. dug pits $18 \times 18 \times 12$ 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 over it. In N pit drove a stake 2 ins sq 2 ft long 12 ins in the ground marked $\frac{1}{4}$ S on N face.

E. B. P 11 S. R 27 E

Chain

Cor set on S bank of wash

10 lks wide course E—

47.00 Cross dry wash 30 lks wide
course N. E80.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs 1-6-
7-12 marked

P 11 S. S 6 on N. E

R 28 E. S 7 on S. E

R 27 E. S 12 on S. W and

S 1 on N. W faces with 5 notches
on S and 1 notch on N edges.

dug pits 18 X 18 X 12 ins in

each sec 5½ ft dist and

raised a mound of earth-

2 ft high 4½ ft base around post

Surface level

E. B. T 11 S. R 27 E

Chains

Soil 2" rate

Good grass

Scattering brush and cactus

North bet secs 1 and 6

On 12° 31' E

40.00

Set a post 3 ft long 3 ins sq 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 in N and S of post 5 1/2 ft dist and raised a mound of earth 1 1/2 ft high 3/4 ft base around post.

74.12

Intersect 2nd Stand Par South- 36.39 chs N of Stand Cor to the vicinity re-established by me 10 S R 27 and 28 E and

Set a post 4 1/2 ft long 4 ins

E. B. T 11 S. R 27 E

Chain

with marked stone 12 ins
in the ground for closing
corner to Tps 11 S. R 27 E
28 E. marked

E. C. T 11 S. on S.

R 28 E. S 6 on E and

R 27 E. S 1 on W faces, with
6 notches on S. E and W

faces. dug pits 24 X 18 X 12
ins crosswise on each line

S. E. and W of post, 6 ft

dist and raised a mound
of earth 2½ ft high 5 ft
base around post.

Surface level.

Soil 2" vati

Grass good.

Scattering brush

Lehain I care fully examined the ad-
 justments of my Solar Transit
 today. particularly the latitude
 and reversing apparatus and
 found them correct

Dec 24 1884

A. S. Frost

E. B. T 10 S. R 28 E

From the Stand Cor to Tps 10 S
 R 28 and 29 E. previously
 described by me I run
 North on a true line bet Secs 21 & 26

On $12^{\circ} 30' E$

- 14.60 Cross dry wash 20 lks wide Co S. W
 18.20 " " " 15 " " " "
 40.00 Set a post 3 ft long 3 ins sq

E. B. T 10 S. R 28 E

Chain

with marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4}$ S on NW face. dug
pit 18x18x12 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.

49.50 across dry wash 25-30 wide
course S. W

59.50 across Creek 100 lbs wide
course S. W

74.00 across Creek 23 " "
Course S. W

80.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs
25-30-31-36. marked
T 10 S. S 30 on N. E

C. B. T 10 S. R 28 E

Chain

R 29 E. S 31 on S. E.

R 28 E. S 36 on S. W and

S 25 on N. W faces with 1 notch on S and 5 notches on N edges.

dig pits 18x18x12 ins in each Sec 5 1/2 ft dist and raised a mound of earth 2 ft high 4 1/2 ft base around post.

Surface rolling sand hills

Soil 3" red

Poor grass

Sage brush

North bet Secs 25 and 30

On 12° 30' E

4.00 Cross dry wash 10 lks wide Co S. W

6.00 " " " " " " " "

E. B. T 10 S. R 28 E

Lehain

14. 00 Foot of ridge. to E and W ascend at an angle of 30°
16. 00 Top of same. descend. angle 40°
19. 00 Foot of " and Cross Cañon
37. 50 ^{cross} dry wash 15-20 ft wide to W
40. 00 Make correct allowance and set a post 3 ft long 3 ins sq with marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ S on W 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.
52. 21 across wash 50 ft wide to S. W
75. 50 " " 20 " " " "
80. 00 Set a post 4 ft long 4 ins sq with marked stone 12

E. B. P 10 S. R 28 E

chains

ins in the ground for Cor to Secs
19-24-25-30 marked

P 10 S. S 19 on N. E

R 29 E. S 30 on S. E.

R 28 E. S 25 on S. W and

S 24 on N. W faces, with 2 notches
on S and 4 notches on N edges.

dug pits 18x18x12 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 rolling and broken

Soil 3" rate

Poor grass

Scattering cactus

E. B. T 10 S. R 28 E

Chain

North bet Secs 19 and 24

Va $12^{\circ} 31' E$

40.00

Set a post 3 ft long 3 ins
sq with marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4} S$ on NW face, dug
pits $18 \times 18 \times 12$ 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.

48.30

Cross Wash 15-lls wide Co. S. W

80.00

Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs
13-18-19-24 marked

T 10 S. S 18 on N. E.

R 29 E. S 19 on S. E.

R 28 E. S. 24 on S. W and

E. B. T. 10 S. R. 28 E

Chains

S 13 on N. W. faces with 3 notches
on N and S edges, dug pits 18X18X12
ins in each sec 5½ ft dist and
raised on mound of earth 2 ft
high 4½ ft base around post.

Surface rolling

Soil 3" red

Grass fair

Scattering Sage brush

North bet Secs 13 and 18

On 12° 30' E

- 10.00 Cross wash 20 lbs wide course W
25.00 Foot of ridge bet E and W. ascend
at an angle of 30°
30.00 Top of ridge and descend at an
angle of 28°

E. B. T 10 S. R 28 E

Lehain

- 33.00 Foot of ridge and cross cañon
after making correct allowance
- 40.00 Set a post 3 ft long 3 ins sq
with marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec cor. marked
 $\frac{1}{4}$ S on N face. dug pits 18x
18x12 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.
- ascend at an angle of 35°
- 44.00 Top of ridge. to N
- 45.50 descend at an angle of 40°
- 48.00 Foot of ridge and cross gulch
to S. N
- 64.00 Ascend at an angle of 40°
- 66.50 Top of mesa
- 70.00 Cross head of Gulch 200. lks
wide course N

E. B. T 10 S. R 28 E

Chain

76.00 descend into gulch course W,
angle of 40°

78.00 Bottom of same

80.00 I make the correct allowance and
set a volcanic rock $14 \times 9 \times 7$ ins
9 ins in the ground for Cor to Secs
R 12-13-18. marked with 4 notches
on S and 2 notches on N. edges, and
raised a mound of stone alongside
Surface mountainous
Foot hills of Pelloncillo range
Soil 3" rate
Good grass
Scattering brush

E. B. T10 S R 28 E

Chain

North bet Secs 7 and 12

Pa 13° E

6.00 Leave gulch and ascend
at an angle of 36°

7.00 Top of ridge, descend angle 30°

8.50 Enter Gulch course NW

9.75 Ascend at an angle of 40°

12.00 Top of mesa

16.70 Descend, angle of 45°

17.50 Cross Wash, ascend angle 45°

18.00 Top of mesa

24.37 Descend at an angle of 35°

26.21 Cross Gulch bet S. W and

Ascend at an angle of 45°

38.00 Top of mesa

40.00 Make the correct allowance &

Set a volcanic rock 14x8x

6 ins 9 ins in the ground

E. B. P10 S. R28 E

Lhs

for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on N face.
and raised a mound of stone
alongside.

78.50 Cross Wash 10 lks wide course S. N

80.00 Set Volcanic rock $10 \times 7 \times 6$ ins
6 ins in the ground for Cor to
Secs 1-6-7-12. marked with 5
notches on S and 1 notch on N
edges and raised a mound
of stone alongside.

Surface mountainous

Soil 3" rati rocky

Grass fair

Scattering brush

E. B. T 10 S. R 28 E.

Chains

North- bet Secs 1 and 6

Va 18° E

38.00 Cross Gulch course N. W

40.00 Set a volcanic stone 14 X 5 X 4 ins
9 ins in the ground for $\frac{1}{4}$ Sec
line, marked $\frac{1}{4}$ on W face, and
raised a mound of stone
alongside

42.75 Cross Gulch course S. W

45.00 Descend at an angle of 35°

46.50 Cross Gulch course W and
ascend at an angle of 25°

47.31 Top of mesa

66.50 descend at an angle of 10°

68.75 Foot of mesa

69.00 Cross wash course S. W

ascend at an angle of 17°

70.00 Top of mesa

E. B. P 10 S. R 28 E

lbs Make correct allowances and
 80.00 Set a volcanic stone 14x10x10 ins
 9 ins in the ground for Cor li Pts
 9 and 10 S. Rs 28 & 29 E marked
 with 6 notches on each edge,
 and raised a mound of stone
 alongside, from which
 a Mesquite 4 ins diam br N 89 $\frac{3}{4}$ E
 47 lbs dist. marked
 P 9 S. R 29 E. S 31 B. P
 Surface Mountainous
 Soil 3" rati
 Grass poor.
 Some brush

Dec 26 N. S. Frost

E. B. T 9 S. R 28 E

Chain

From the cor to Tps 9^{and} 10 S.
 Rs 28^{and} 29 E, recently established
 by me I run

North- bet Secs 31 and 36

On $12^{\circ} 30' E$

- 24.5-6 Descend at an angle of 12°
- 26.31 Cross Gulch course N and
 ascend at an angle of 20°
- 39.00 Top of Saddle, descend angle 10°
- 40.00 Make the correct allowance &
 Set a Malpais rock $12 \times 9 \times 7$
 ins & ins in the ground for
 $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ on N face,
 and raised a mound of
 stone alongside
- 61.00 Cross Gulch course N
- 80.00 Set a Malpais rock $10 \times 8 \times 7$ ins

E. B. T 9 S. R 28 E

chain

6 ins in the ground for Cor to Secs
25-30-31-36, marked with 1 notch
on S and 5 notches on N edges and
raised a mound of stone alongside
from which, a cedar 10 ins diam
br N 85° W 200 lks dist, marked
T 9 S. R 28 E. S 25- B. T.

Surface mountainous

Western foot hills of Pelloncillo Mts

Soil 4" orati. Rocky and worthless

Good grass

North- bet Secs 25 and 30

Va 12° 30' E

ascend slope, angle of 5°

2.00 Cross gulch, course W

E. B. T 9 S. R 28 E

Chain	
7.00	Cross gulch. course N and ascend at an angle of 42° .
18.00	Top of ridge in N. descend. angle 20°
30.15	Cross gulch Course N. Ascend. angle 15°
34.00	Enter gulch course ^S N
36.00	Leave same
40.00	Make the correct allowance & mark a Malpais rock in place $4 \times 4 \times 4$ ft above ground with a cross (+) at exact Cor front for $\frac{1}{4}$ Sec Cor. $\frac{2}{4}$ $\frac{1}{4}$ on N face and raised a mound of stone alongside
58.00	Top of ridge and alongside hill, sloping West.

E. B. F. S. R 2 & C

Chain

78.00 descend at an angle of 20°

80.00 make correct allowance and
 mark a malpais rock in place
 $2 \times 2 \times 2$ ft above ground with a
 Cross (+) at exact loc point.
 for loc to Secs 19-24-25-30
 with 2 notches on S and 4 notches
 on N edges and raised a mound
 of stone alongside

Surface mountainous

Soil 4" rate. rocky

Good Grass

North bet Secs 19 and 24

N α $12^{\circ} 30' E$ descend at an angle of 30°

E. B. T. S. R. 28C

chains

7. 31 across Gulch. course Mr
19. 5-0 descend at an angle of 10°
21. 10 across Wash course Mr and
ascend at an angle of 15°
40. 00 after making correct allowance
I mark the face of a Malpais
Cliff which is 20 ft high and
40 ft wide with a cross (+)
at exact cor point. for $\frac{1}{4}$ Sec
Cor. $\frac{1}{4}$ on Mr face. and raised
a mound of stone alongside
Cliff bears E and Mr.
50. 00 Top of ridge. brs E and Mr.
descend at an angle of 30°
68. 50 across Gulch. course Mr
ascend. angle 8°
80. 00 make correct allowance and

E. B. P. 93. R 28 E

Lchs

Set a malpais rock 20 X 14 X 4 ins
 15 ins in the ground for Cor to Secs
 13-18-19-24, marked with 3
 notches on N and S edges and raised
 a mound of stone alongside
 Surface mountainous
 Soil 3" rate
 Grass fair.

North - bet Secs 18 and 18.

Wa 12° 30' E

- 10.32 Cross wash course N. and along
 side hill sloping N.
 39.50 Cross gulch course N.
 40.00 Malpais rock in place 3 X 3 X 3 ft
 above ground, which I mark with

E. B. T. S. R 28 E

Chain

Cross (+) at exact cor point
for $\frac{1}{4}$ Sec cor. and $\frac{1}{4}$ on N face.
and raised a mound of
stone alongside

60.00 Ascend. at an angle of 20°

80.00 Make the correct allowance &
mark a Malpais rock in place
 $2 \times 2 \times 2$ ft above ground, with
a cross (+) at exact cor point.
for cor to Secs 7-12-13-18. and
with 4 notches on S and 2 notches
on N edges. and raised a mound
of stone alongside

Surface mountainous

Soil 3" xali

Grass fair

E. B. T. 9 S. R 25 E

chs

North bet Secs 7 and 12

On $12^{\circ} 28' E$ Ascend at an angle of 33°

18.00 Top of Malpais ridge.

Main spur of Pelloncelle Mts br
N. W. about 10 chs dist.Descend along side of spur
sloping W. at an angle of 20° 40.00 Set a Malpais rock $14 \times 10 \times 7$ ins9 ins in the ground for $\frac{1}{4}$ SecCor. marked $\frac{1}{4}$ on W. face. and

raised a mound of stone alongside

78.00 Cross Saddle and descend along
side of spur, sloping E. Angle 15°

80.00 Make correct allowance and

Set a Malpais rock $16 \times 10 \times 9$ ins

11 ins in the ground for Cor to Secs

E. B. T. J. R 28 E

Chain

1-6-7-12. marked with 5-
notches on S and 1 notch on
N edges and raised a mound
of stone alongside
Surface very mountainous
Soil 3" rate
Some grass

North- bet Secs 1 and 6

On $12^{\circ} 35' E$ descend at an angle of 15°

40.00 make correct allowance &

Set a volcanic stone $13 \times 6 \times 5$ -
ins & ins in the ground for
 $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on NW
face. and raised a mound

E. B. T & S. R 28 E

lbs

of stone alongside.

50.00 Ascend alongside hill sloping E.
at an angle of 10°

62.00 Top of ridge bet N. W and S. E

65.00 Descend at an angle of 17°

80.00 Make correct allowance and

Set a malpais rock $16 \times 12 \times 10$
ins 11 ins in the ground for bet
to Tps 8 and 9 S. R 28 and 29 E.
marked with 6 notches on each
edge, and raised a mound
of stone alongside.

Surface mountainous

Soil 3" rati

Grass fair.

I carefully examined the adjustments
of my solar Transit today, particularly
the latitude & over ring apparatus
and found them correct.

Dec 27-184 N. S. Frost

N. B. T 9 S. R 28 E

chains

From the Cor to Tps 8 and 9
S. R 28 & 29 E. just established
by me I run Mr on a random
line Va $12^{\circ} 40' E$

Setting temporary $\frac{1}{4}$ and Sec
corners at each 40 and 80
chs and at 5 miles 76 chs
5-3 lks Intersect range line
315-lks N of Cor to Tps 8 &
9 S. R 27 & 28 E, which
is a frost 4 ins sq marked
T 8 S. S 31 on N. E

R 28 E. S 6 on S. E

T 9 S. S 1 on S. Mr and

R 27 E. S 36 on N Mr faces.
with 6 notches on each edge,
and pits and mounds of
proper size

A. B. T 9 S. R 28 E

chains

from which Cor I run
 N 89° 38' E on a true line bet Secs 6 & 31
 Wa 12° 35' E

36.53 Set a post 3 ft long 3 ins sq
 with marked stone 12 ins in the
 ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$
 S on N face. dug pit 18 X 18 X 12
 ins E and W 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.

76.53 Set a post 4 ft long 4 ins sq
 with marked stone 12 ins in the
 ground for Cor to Secs 5-6-31-32
 marked T 8 S S 32 on N. E
 R 28 E. S 5 on S. E
 T 9 S. S 6 on S. W and
 S 31 on N. W faces, with 5-

N. B. T 9 S. R 28 E

Lehain

notches on E and 1 notch on
 W edges. dug pits 18x18x12.
 in in each sec 5 1/2 ft dist
 and raised a mound of
 earth 2 ft high 4 1/2 ft base
 around post. from which
 I measured 4 in diam br N
 5° E 30 lks dist. marked
 T 8 S. R 28 E S 32 B. T

Land level

Soil 2" and 3" rate

Good grass

Scattering brush.

A. B. T. S. R. 256

lbs

N 89° 38' E on a true line bet Secs 5-7-32

On 12° 35' E

40.00 A Mesquite 4 ins diam which I mark $\frac{1}{4}$ S on N face for $\frac{1}{4}$ Sec cor. from which a Mesquite 6 ins dia brs S 20° W. 78 lbs dist. marked

$\frac{1}{4}$ S. B. T. A Mesquite 6 ins diam brs N 84 $\frac{3}{4}$ ° W 40 lbs dist marked $\frac{1}{4}$ S. B. T.

On bank of Wash Rd S. W.

80.00 A Limestone in place 8 X 8 X 8 ins above ground which I mark with a cross (+) at exact cor point for bet to Secs 4-5-32-33 and with 4 notches on E and 2 notches on W edges and raised a mound of stone alongside

A. D. T. S. R. 25 E

Chain

Surface level
 Soil 2" 7-8" water
 Good grass
 Scattering brush,

N 89° 38' E on a true line bet

Secs 4 & 33. Wa 19° 35' E

16. 00 Enter broken ground,
ascend at an angle of 10°
17. 50 Top of ridge
21. 30 Descend at an angle of 30°
22. 50 Alongside of hill sloping N
25. 00 Continuum descent, angle 15°
26. 50 Enter Gulch Course N
thence up same
31. 00 Leave Gulch, and ascend
at an angle of 10°

A. B. T. 9 S. R 28 E

chs

- 32.35- Top of ridge, & descend. angle 5°
- 33.15- Entire Gulch. course N. W.
- 34.00 Cross Wash 20 lks wide Co. N. W.
- 35.00 Leave gulch. ascend. angle 30°
- 40.00 On top of ridge and the correct allowance having been made
Set Volcanic stone $16 \times 8 \times 8$ ins
11 ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N face. and
raised a mound of stone
alongside.
Descend at angle of 25°
- 43.00 Entire Gulch course W. and up
same. ascending at 10° angle
- 45.00 Ascend at angle of 30°
- 80.00 Correct allowance having been
made. I mark a Malpais

A. B. T. S. R 25 E

Lehans

rock in place. 5 x 3 x 3 ft
above ground, with a cross
(H) at exact cor point, for
Cor to Secs. 3-4-33-34, and
with 3 notches on E and W
edges, and raised a mound
of stone alongside.

Land maintains
western foot hills of Peloncos.

Soil 4' red, rocky & worthless

Grass poor.

Scattering brush

A 89° 38' E on a true line
between Secs 3 and 34

Wa 12° 45' E

A. B. T 9 S. R 25 E

- | Lehs | |
|-------|---|
| | through gulch. ascend on slope at angle of 30° |
| 15.00 | Top of ridge in saddle and along steep side hills. slopes S. |
| 30.00 | Top of 2" Saddle and descend at an angle of 25° |
| 35.00 | Ascend at an angle of 20° |
| 40.00 | Make correct allowance and set a Malpais rock $19 \times 5 \times 3$ in 12 in in the ground for $\frac{1}{4}$ Sec. lev. marked $\frac{1}{4}$ on N face and raised a mound of stone alongside. |
| 43.00 | Top of ridge, descend, angle 15° |
| 56.00 | cross gulch. Course S. ascend at an angle of 15° |
| 61.00 | Top of Spur brs S. descend at an angle of 15° |

N. B. T 9 S. R 28 E

Chain

80.00 Correct allowance having
 been made I mark a
 Malpais rock in place,
 3x3x3 ft above ground.
 with a (+) cross at exact
 cor point for Cor to Secs
 2-3-34-35. and with 2
 notches on E and 4 notches
 on W edges. and raised a
 mound of stone alongside.
 Surface mountainous
 Soil 4" rate rocky
 Grass good
 Scattering brush.

A. B. T 9 S R 28 E

Lehs

N 89° 38' E on a true line bet Secs
2 and 35. Va 13° E

Descend over broken ground
at an angle of 15°

11.00 Enter Vally bet N

15.00 Ascend at an angle of 9°

25.00 Top of ridge. Descend, angle 5°

27.00 Foot " "

29.50 Cross gulch course N

40.00 Make correct allowance and

Set a malpais rock 10 X 7 X 5 in
6 in in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N face, and
raised a mound of stone
alongside.

42.00 Ascend at an angle of 20°

50.00 Top of ridge, descend, angle
of 5°

A. B. T. S. R 28 E

Chain

63.41 cross gulch. course N.
 80.00 make correct allowance &
 Set a malfais rock 14x10
 x8 ins 9 ins in the ground
 for Cor to Secs 1-2-35-36
 marked with 1 notch on
 E and 5 notches on W edges
 and raised a mound of
 stone alongside
 Surface Mountainous
 Soil 4' rate
 Grass fair
 Scattering brush.

on a true line
 N 89° 38' E bet Secs 6 and 31

On 13° E

Ascend at an angle of
 19°

N. B. T 9 S. R 28 E

- Chs
- 20.00 Top of ridge. brs N. descend at an angle of 15°
- 37.21 Cross wash 10 fts wide. course N. ascend at 10° angle
- 40.00 Make correct allowance and Set a Malpais ^{rock} $8 \times 6 \times 4$ ins 6 ins in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on N face, and raised a mound of stone alongside
- 52.00 Ascend at an angle of 25°
- 66.00 Top of ridge brs N. descend at an angle of 20°
- 79.00 Cross wash course N.
- 80.00 The Cor to Tps 8 and 9 S. R 28 E 29 E. after Making correct allowance. Surface mountainous
Soil 4" sub. Grass fair
Scattering brush.

Dec 29-84
N. B. Frost

E. B. T 10 S. R 27 E

Chains

From the Stand Cor to Tps
10 S. R 27 and 28 E. recently
re-established by me I run
N. on a true line bet Secs 31 & 36
Va $12^{\circ} 28' E$

- 40.00 Set a post 3 ft long 3 ins sq
wick-marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4}$ S on N face. dug
pit 18x18x12 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
- 51.75 across wash 10 lbs wide. Co E.
- 56.00 " " 20 " " " "
- 80.00 Set a post 4 ft long 4 ins
sq wick-marked stone 12

E. B. P 10 S. R 27 E

Chain

ins in the ground for Sec 25-30-31-36 marked

P 10 S. S 30 on N. E

R 28 E. S 31 on S. E

R 27 E. S 36 on S. W and

S 25 on N. W face, with 1 notch on S and 5 notches on N edges. dug pits 18x18x12 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 2" rate

Good grass

Scattering brush

E. B. T 10 S. R 27 E

Chains

North- bet Secs 25th and 30
Va 12° 28' E

20.25 Cross dry wash 20 lks wide
course E.

35.00 Cross dry wash 19 lks wide
course E.

40.00 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 pit 18 X 18 X 12
ins N and S 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.

51.00 Cross wash 6 lks wide. Co E.

5 1/2. 00 " " 3 " " " "

E. B. T10 S. R 27 E

Lchs

80.00 Set a post 4 ft long 4 in sq
with marked stone 12 in in
the ground for Corls Secs 19-24
25-30. marked

T10 S. S. 19 on N. E

R 28 E. S 30 on S. E

R 27 E. S 25 on S. W &

S 24 on N. W faces with 2 notches
on S and 4 notches on N edges.
dug pits 18x18x12 in 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 2" rali

Grass good

Scattering brush

E. B. T 10 S. R 27 E

Lehain

Arch- bet Secs 19^{and} 24
Va 12° 28' E

40.00 Set a post 3 ft long 3 ins
sq with marked stem 12 ins
in the ground for ¹/₄ Sec Cor.
marked ¹/₄ S on N^W face. dug
pit 18x18x12 ins N and S of
post 5¹/₂ ft dist and raised
a mound of earth 1¹/₂ ft
high 3¹/₂ ft base around post.

57.00 Cross deep wash 15-lks wide
Course E.

80.00 Set a post 4 ft long 4 ins
sq with marked stem 12
ins in the ground for Cor
to Secs 13-18-19-24 marked
T 10 S. S 18 on N. E

E. B. P. 10 S. R 27 E

chs

R 28 E. S 19 on S. E

R 27 E. S 24 on S. W and
S 13 on N. W faces. with 3
notches on N and S edges.
dug pits 18x18x12 ins in
each Sec 5 1/2 ft dist and raised
a mound of earth 2 ft high
4 1/2 ft base around post.

Surface level

Soil 2" rali-

Grass good

Scattering brush

North - bet Secs 13 and 18

Va 12° 28' E

40.00 Set a post 8 ft long 3 ins sq

E. B. T 10 S. R 27 E

Chain

wich-marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ S on W face,
dug pit 18 X 18 X 12 ins N and
S of post $5\frac{1}{2}$ ft dist and
raised a mound of earth
 $\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around
post.

80.00

Set a post 4 ft long 4 ins
sq wich-marked stone 12
ins in the ground for Cor
to Secs 7-12-13-18. marked
T 10 S. S 7 on N. E
R 28 E. S 18 on S. E
R 27 E. S 13 on S. W and
S 12 on N. W faces with
2 notches on N and 4 notches

E. B. T 10 S. R 27 E

Lehs

on S edges, dug pits 18x18x12
ins in each sec 5 1/2 ft dist
and raised a mound of
earth 2 ft high 4 1/2 ft base
around post.

Surface level
Soil 2" red-

Gross good
Scattering brush

North- Set Secs 7 and 12

Wa 12° 28' E

40.00 Set a post 8 ft long 3 ins sq
with marked stone 12 ins in
the ground for 1/4 Sec Cor.
marked 1/4 S on N face, dug

C. B. P 10 S. R 27 E

Chain

posts 18x18x12 ins N & S of
post 5½ ft dist and raised
a mound of earth 1½ ft
high 3½ ft base around post.

80.00 Set a post 4 ft long 4 ins
sq with marked stone 12 ins
in the ground for Cor li Secs
1-6-7-12. marked

P 10 S. S 6 on N. E

R 28 E. S 7 on S. E

R 27 E. S 12 on S. W S.

S 1 on N W faces. with 5
notches on S and 1 notch on
N edges. dug pits 18x18x
12 ins in each sec 5½ ft
dist and raised a mound
of earth 2 ft high 4½ ft
base around post.

E. B. P 10 S. R 27 E

Lehs

Surface level
Soil 2" radi-
Grass good
Scattering brush

North- bet Secs 1 and 6

On 12° 28' E

35.00 Entire mud flat bet E and W

40.00 Set a post 3 ft long 3 ins sq
with marked stone 12 ins in the
ground for 1/4 Sec bet marked 1/4

Set on N face dug pits 18x18x12
ins N and S 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.

5-3.00 Cross road from Bowie to Solomon
ville

A. B. T 10 S. R 27 E

Chains

From the Cor to Tns 9 and 10
S. Rs 27 and 28 E, just estab-
lished by me I run West
on a random line with-

Wa of $12^{\circ} 28' E$

Setting temporary $\frac{1}{4}$ and Sec
corners at each 40 and 80
chains, and at 5 miles 76
chains 78 lbs intersect range
line 416 lbs N of Cor to Tns
9 and 10 S. Rs 26 and 27 E,
which was a mound of earth
with pits in poor condition.
I re-establish Cor by setting
a post $4\frac{1}{2}$ ft long 4 ins
sq with marked stone 12
ins in the ground for Cor

N. B. T 10 S. R 27 E

Chs

li. T 9 and 10 S. R 26 and 27 E.
marked T 9 S. S 31 on N. E

R 27 E. S 6 on S. E

T 10 S. S 1 on S. W and

R 26 E. S 36 on N. W faces.
with 6 notches on each edge.
dug pits 24 x 18 x 12 ins lengthwise
on each line N. S. E and W of
post 6 ft dist and raised
a mound of earth 2 1/2 ft high
5 ft base around post.

from which Cor I run
N 89° 30' E on a true line bet Secs 6 & 31 19.

On 12° 28' E

36. 78 Set a post 3 ft long 3 ins sq
with marked stem 12 ins in
the ground for 1/4 Sec Cor.

A. B. T 10 S. R 27 E

Chairs

marked $\frac{1}{4}$ S on N face dug
 pits $18 \times 18 \times 12$ in 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.

76. 78 Set a post 4 ft long 4 in
 sq with marked stone 12 in
 in the ground for Cor 15 Secs
 5-6-31-32. marked

T 9 S. S 32 on N. E

R 27 E. S 5 on S. E

T 10 S. S 6 on S. W and

S 31 on N. W faces with
 5 notches on E and 1 notch
 on W edges dug pits 18×18
 $\times 12$ in in each sec $5\frac{1}{2}$ ft
 dist and raised a mound

BOOK 1490 S
N. B. T10 S. R27C

Chs

of earth 2 ft high $4\frac{1}{2}$ ft base
around post.

Surface mostly level

Soil 2" rati

Good grass

$N89^{\circ}30' E$ on a true line bet Secs 5 & 32

$0^{\circ} 12' 28' E$

40.00 Set a post 3 ft long 3 ins sq
with marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec Cor.

marked $\frac{1}{4}$ S on N face. dug

pit 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.

A. B. T 10 S. R 27 E

Chain

80.00

Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs
4-5-32-33. marked

T 9 S. S 33 on N. E

R 27 E. S 4 on S. E

T 10 S. S 5 on S. W 2

S 32 on N. W faces, with 4
notches on E and 2 notches on
W edges. dig pit 18 X 18 X 12
ins in each sec 5½ ft dist
and raised a mound of
earth 2 ft high 4½ ft base
around post.

Surface level

Soil 2" rati

Good grass.

A. B. T 10 S. R 27 E

Chs

At $89^{\circ}20'E$ on a true line bet Secs 4 & 33Wa $12^{\circ}28'E$

40.00 Set a post 3 ft long 3 ins sq
with marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ S on N face. dug pit 18x18x12
ins E end of post $5\frac{1}{2}$ ft dist
and raised a mound of
earth $1\frac{1}{2}$ ft high $2\frac{1}{2}$ ft base
around post.

68.50 Cross wash 5 lks wide course S. E

71.50 " " 100 " " " "

75.00 " " 20 " " " N

80.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs
3-4-33-34. marked

N. B. T 10 S. R 27 E

Chains

T 9 S. S 34 on N. E

R 27 E. S 3 on S. E

T 10 S. S 4 on S. W and

S 33 on N. W faces, with
3 notches on E and W edges,
dug pits 18x18x12 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 2" radi-
Good grass

N $89^{\circ} 30' E$ on a true line
between sees 3 and 34
Va $12^{\circ} 28' E$

BOOK 1430
107
A. B. T 10 S. R 27 E

Cchs

40.00 Set a post 3 ft long 3 ins sq
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ S on N face. dug pits 18x18x
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 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor to Secs. 2-3-
34-35: marked

T 9 S. S 35 on N. E

R 27 E. S 2 on S. E

T 10 S. S 3 on S. W and

S 34 on N. W faces. with 2
notches on E and 4 notches on W

A. B. T 10 S. R 27 E

Chain

edges dug pits 18x18x12 ins
in each sec 5½ ft dist and
raised a mound of earth
2 ft high 4½ ft base around
post. Surface level

Soil 2" rate

Grass good

N 89° 30' E on a true line

bet Secs 2 and 35-

Va 12° 28' E

40.00 Deposited marked stone 12
ins in the ground for ¼
Sec Cor. dug pits 18x18x12
ins E and W of Cor 5½ ft dist
and raised a mound of

A. B. T 10 S. R 27 E

lehs

earth- $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
 over it. In E pit drove a stake
 2 ins sq 2 ft long 12 ins in
 the ground. marked $\frac{1}{4}$ S on N face.

80.00

Set a post 4 ft long 4 ins sq
 with marked stone 12 ins in
 the ground for Cor Co Secs 1-2-
 35-36. marked

T 9 S. S 36 on N. E

R 27 E. S 1 on S. E

T 10 S. S 2 on S. W and

S 35 on N. W faces with 1
 notch on E and 5 notches on W
 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 around post

A. B. T 10 S. R 27 E

Chain Surface level
Soil 2" red
Good grass

N 89° 30' E on a true line
between Secs 1 and 36
Va 12° 28' E

40.00 Set a post 3 ft long 3
ins sq with marked stone
12 ins in the ground for
1/4 Sec cor. marked 1/4 S 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

63.00 Cross road from Bowie to
Solomonville br N and S

A. B. T 10 S. R 27 E

70.80
 80 Cross Creek 10 lks wide Co. A. W
 71.50 " Same " " " S. W
 72.00 " " " " " A. W
 80.00 The Cor l^w Tps 9 and 10 S.

Rs 27 and 28 E.

Surface level

Soil 2" rati-

Grass good

 Jan'y 2nd '85 N. O. Frost

 A. B. T 10 S. R 28 E

From the Cor l^w Tps 9 and 10 S.
 Rs 27 and 28 E. recently es-
 tablished by me I run S 89° 48' E
 parallel with 2" Stand S.

 Or 12° 30' E

N. B. T 10 S. R 28 E

Chains

Setting temporary $\frac{1}{4}$ and Sec
corners at each 40 and 80 chs
and at 5 miles 79 chs 31 lks
Intersect range line 30 lks
N of Cor to Twp 9 and 10 S.
R 28 and 29 E recently
established by me.

from which Cor I own
N 89° 41' W on a true line bet Secs
1 and 26. Or 13° E

10.00 Enter wash course NW

20.00 Leave "

40.00 Set Volcanic stone 8x5x4 ins
5 ins in the ground for $\frac{1}{4}$
Sec Cor. marked $\frac{1}{4}$ on N
face. dug pit 18x18x12
ins E and W of stone $5\frac{1}{2}$
ft. dist and raised it

A. B. F 10 S. R 28 E

Obs

mound of sarch $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base alongside.

49.00 Descend abruptly into wash Co S.

51.30 Cross wash 10 lbs wide Co S.
ascend at an angle of 10°

54.00 Top of mesa.

78.00 Descend at an angle of 9°

78.50 Cross gulch. Co S. W. ascend
angle 15°

79.00 Top of mesa

80.00 Set a Volcanic stone $12 \times 9 \times 7$ ins

8 ins in the ground for Cor to

Secs 1-2-35-36 marked with
1 notch on E and 5 notch on
W edges, and raised a mound
of stone alongside

Land broken. Good grass

Soil 8" water
in scattering brush

N. B. T 10 S, R 28 E

Chain

N 89° 41' W on a true line
between Secs 2 and 35
Va 13° E

- 40.00 Set a volcanic stone 14x8x5-
ins 2 ins in the ground
for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on
N face. dug pit 18x18x12
ins E and W 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
- 57.30 descend at an angle of 27°
- 59.00 Cross gulch to S. W and
ascend. angle 30°
- 62.50 Top of mesa
- 68.55 descend at an angle of 40°
- 70.00 Enter Gulch
- 79.50 Leave same

A. B. T 10 S. R 28 E

chains

80.00 Make correct allowance and
 Set a Volcanic rock $10 \times 8 \times 6$
 ins 6 ins in the ground for
 Cor to Secs 2-3-34-35. marked
 with 2 notches on E and 4 notches
 on W edges, and raised a mound
 of stone alongside.

Surface broken

Soil 8" rati-

Good grass

Scattering brush.

At $9^{\circ} 41' N$ on a true line bet Secs 3 & 34

On $12^{\circ} 50' E$

along edge of mesa sloping S.

40.00 Set a Volcanic rock $16 \times 10 \times 8$ ins

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

BOOK 133
A. B. T 103 R 286

Chains

Cor. marked 'u' on N face,
and raised a mound of
stone alongside

69.75 descend at an angle of 23°

70.50 Foot of mesa

80.00 I make the correct allowance &

Set a volcanic rock $10 \times 8 \times 7$
ins 6 ins in the ground for
Cor to Secs 3-4-33-34, marked
with 3 notches on E and W
edges and raised a mound
of stone alongside.

Surface broken

Soil 3" rati

Grass fair

Scattering brush

A B T 10 S. R 28 E

Lehs

N 89° 41' W on a true line bet Secs 4th & 33

Va 12° 30' E

5.00 Ascend mesa at an angle of 10°

6.00 Top of "

9.50 Descend. angle 30°

11.30 Enter Gulch course W

22.00 Leave " & ascend. angle 20°

23.00 Top of mesa

37.00 Descend at an angle of 15°

40.00 Make correct allowance and
set a volcanic rock 14 x 8 x 6 ins9 ins in the ground for $\frac{1}{4}$ SecCor. marked $\frac{1}{4}$ on N face. and

raised a mound of stone along it.

41.00 Foot of mesa and along same
slopes N.

80.00 Set volcanic stone 14 x 12 x 6 ins

9 ins in the ground for Cor to

N. B. T 10 S. R 28 E

Chains

Secs 4-5-32-33. marked
with 4 notches on E and 2
notches on NW edges and
raised a mound of stone
alongside

Surface broken

Soil 3" rate

Grass good

Scattering brush

N 89° 41' W on a true line

between Secs 5 and 32

On 12° 30' E

40.00

Set volcanic stone 9x5x4 in
6 in in the ground for $\frac{1}{4}$
Sec Cen. marked $\frac{1}{4}$ on N face.
and raised a mound of

N. B. T 10 S, R 28 E

Chain

stone alongside

46.50 descend at an angle of 15° 48.70 cross gulch, ascend, angle 20°

50.00 Top of mesa

80.00 I make correct allowance and
 Set a post 4 ft long 4 ins sq
 with marked stone 12 ins in
 the ground for Cor to Secs 5-6
 31-32 marked, T 9 S, S 32 on NE
 R 28 E. S 5 on S. E

T 10 S. S 6 on S. W and

S 31 on N. W faces with 5
 notches on E and 1 notch on W
 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 around post.

Surface broken

A. B. T 10 S. R 28 E

Chains

Soil 2nd rate-

Grass fair

Scattering brush

N 89° 41' W on a true line

between Secs 6 and 31

On 12° 30' E

- 40.00 Set a Volcanic stone 10 X 9 X 8
ins 6 ins in the ground
for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on
N face, and raised a mound
of stone alongside
- 45.00 Descend at an angle of 35°
- 47.00 Foot of mesa, entire flat.
- 79.31 The Cor to Tps 9 and 10 S.
Rs 27 and 28 E. after making
correct allowances.

Surface broken

Soil 3" rati

Grass fair

Scattering brush

Jan'y 3^d '85 N. S. Frost

E. B. T. 9 S. R. 27 E

The South Boundary of this
 Tr being about 2 chs short I
 conclude that the M. B is not
 N 19° E. therefore I run N 19° E
 from the Cor to Trs 9 and 10 S.
 Rs 27 and 28 E. recently es-
 tablished by me. Va 13° E
 Setting temporary $\frac{1}{4}$ and Sec
 Corners at each 40 and 80 chs.
 and at 5 miles 74 chs 40 lks

E. B. T. S. R. 27 E

Chains

Intersect the line 10 lks W
of Cor to Tps 8 and 9 S, Rs
27 and 28 E, previously
described by me.

from which Cor I run
S. 19° W on a true line bet Secs 1 & 6
Va 13° E

- 19.00 Leave Vally, ascend, angle 15°
- 25.00 Top of ridge bet E and W
descend at an angle of 20°
- 30.00 Cross gulch, course E, ascend
at an angle of 23°
- 34.40 Make correct allowance and
set a post 3 ft long 3 ins
sq with marked stone 12
ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ S on W face.
dug pits 18x18x12 ins N & S

E. B. T 9 S. R 27 E

Lehs	
	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.
37.00	Top of ridge brs E
41.00	descend. angle of 15°
48.00	cross gulch course E and ascend at an angle of 20°
52.50	Top of ridge brs E thence over broken ground
66.00	descend into valley. angle 21°
70.00	Enter valley brs E and W.
74.40	After making correct allowance
	Set a post 4 ft long 4 ins sq with marked stone 12 ins in the ground for cor to Sect 6
	7-12. marked
	T 9 S. S 6 on N. E
	R 28 E. S 7 on S. E

E. B. T. 9 S. R 27 E

Chain

R 27 E S 12 on S. W and
 S 1 on N. W faces. with 1
 notch on N and 5 notches
 on S 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 around posts.

Land mountainous & broken.
 Foot hills of Peluncello range.

Soil 4" rati and stony

Some grass and
 Grease wood brush

E. B. T. 9 S. R 27 E

Lehs

S 19' W bet Secs 7 and 12

On 13° E

2.00 Cross dry wash 25 lks wide. Co E.

6.00 Leave valley and ascend. Angle 25°

10.00 Top of ridge br E and W

13.00 Descend into gulch. angle 20°

17.00 Bottom of gulch. ascend " 19°

20.00 Top of ridge

23.00 Descend. angle of 18°

27.00 Cross gulch course E. ascend
at an angle of 19°

31.00 Top of ridge br E and W

33.00 Descend. angle of 21°

38.60 Cross gulch. ascend. angle 15°

40.00 Make correct allowance and
Set a Volcanic stone 10 X 6 X 5 ins
6 ins in the ground for 1/4 Sec
lev. marked 1/4 on W face.

E. B. T. S. R 27 E

Chain	
	and raised a mound of stone alongside
41. 00	Top of ridge
44. 75-	descend at an angle of 25°
46. 00	Cross gulch, course E. and ascend at an angle of 19°
50. 00	Top of ridge
54. 50	descend. angle of 16°
58. 75-	Cross wash 70 lks wide lev E.
67. 00	Ascend. angle of 10°
70. 00	Top of ridge, descend at an angle of 12°
73. 00	Foot of ridge
80. 00	I make the correct allowance Set a post 4 ft long 4 ins sq with marked stone 12 ins in the ground for lev to Secs 7-12-13-18. marked

E. B. T 9 S. R 27 E

T 9 S. S 7 on N. E

R 28 E. S 18 on S E.

R 27 E. S 19 on S. W and

S 12 on N. W faces, with 2
notches on N and 4 notches on S
edges, dug pits 18x18x12 in in
each. Sec 5th ft dirt and raised
a mound of earth 2 ft high 4¹/₂
ft base around post.

Surface mountainous

Soil 4" calc and stony.

Grass poor.

Scattering brush

E. B. T 9 S. R 27 E

Chains

S 19th Mth Set Secs 13 and 18

On 13° E

Over rolling and broken surface.

30.00 Ascend at an angle of 17°

32.50 Top of point, br E and Mth
descend. angle of 15°

35.00 Foot of point br E and Mth

40.00 make correct allowance and

Set a post 3 ft long 3 ins
sq with marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec cor.

marked $\frac{1}{4}$ S on Mth face. dug
pit 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

41.00 Cross wash 10 lks wide to E.

80.00 Set a post 4 ft long 4 ins

E. B. T 9 S. R 27 E

Ch^o

sq with marked stone 12 ins in the
ground for Cor to Secs 13-18-19-24
marked T 9 S. S 18 on N. E

R 28 E. S 19 on S. E

R 27 E. S 24 on S. W and

S 13 on N. W faces with 3
notches on N and S edges dug pits
18 X 18 X 12 ins in each Sec. 1 5/8
ft. dist and raised a mound
of earth 2 ft high 4 1/2 ft base
around post.

Land rolling

Soil 2" and 3" rate

Grass good

Scattering brush

E. B. T. 9 S. R. 27 E

Chains

S 19th T. 9 S. Secs 19 and 24

Va 13° E

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. fac. dug pits 18X18X12
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 sq
with marked stone 12 ins in
the ground for cor to Secs
19-24-25-30. marked

T 9 S. S 19 on N. E

R 28 E. S 30 on S. E

R 27 E. S 25 on S. N. and

S 24 on N. N. fac. with 4

E B T 9 S R 27 E

Lhs

notches on N and 2 notches on S
edges. dug pits 18X18X12 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 2" water

Grass good

Some brush

S 19th bet Secs 25th and 30

N α 18° E

40.00 Set a post 3 ft long 3 ins sq
with marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec cor marked
 $\frac{1}{4}$ Sec N face. dug pits 18X18X12
ins N and S of post $5\frac{1}{2}$ ft dist and

BOOK 1490
E. B. T 9 S. R 27 E

chains

80.00 raised a mound of earth $\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.
Set a post 4 ft long 4 ins sq with marked stone 12 ins in the ground for Cor to Secs. 25-30-31-36 marked

T 9 S. S 30 on N. E.

R 28 E. S 31 on S. E.

R 27 E. S 36 on S. W and S 25 on N. W faces. with 5 notches on N and 1 notch on S 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 around post
Surface level
Soil 2" red.

Some brush, and Good grass

E. B. T. 9 S. R 27 E

Lehs

S 19° W bet Secs 21 and 26

On 13° E

40.00 Set a post 3 ft long 3 ins sq with
marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ S
on W fac. dug pit 18X18X12 ins
N and S of post $3\frac{1}{2}$ 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 Tps 9 and 10 S.
R 27 and 28 E

Surface level

Soil 2" or less

Good grass and some brush.

I carefully examined the adjust-
ments of my Solar Transit today
particularly the latitude and reversing
apparatus and found them correct.

Jan'y 5th 1885. N. S. Frost

Final Oaths for Surveys.

LIST OF NAMES.

BOOK 1496

A List of the Names of Individuals employed by
Lewis Wolfley 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 exterior lines of Tracts 9-10-11-12, S
Rs 27 and 28 E, Tracts 11 and 12 S
Rs 29 and 30 E

the principal base and meridian in the Territory of Arizona,
specifying the respective capacities in which they acted.

- Norman A. Frost Compastr
- W. R. Ser. Flag Man
- W. W. Reed " "
- W. W. Wood Moundman
- W. J. Kearney "

BOOK 1450
Final Oaths of Assistants.

We hereby certify that we assisted Lewis
Wolflay U. S. Deputy Surveyor, in surveying
the Exterior lines of Tps 9-10-
11-12 S. Rs 27 and 28 E. Tps 11 and
12 S. Rs 29 and 30 E

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.

Stevenson S. Frost
Wilson R. Ker
William Reed
W. B. Wood
W. J. Kearney

Subscribed and sworn to before me this 6th
day of January 1885
Lewis Wolflay
Notary Public.

215
Final Oath of U. S. Deputy Surveyor.

BOOK 1496

I Lewis Wolfley

United States Deputy Surveyor, do solemnly swear that in
pursuance of instructions received from Royal A.

Johnson

U. S. Surveyor General for Ari-
zona bearing date of the 26 day of November

1884. 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 Ex-

terior lines of Tps 9-10-11-12

S. Rs 27 and 28 E. Tps 11 and 12

S. Rs 29 and 30 E.

of the principal base and meridian in the Territory of Ari-
zona, 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 survey-
ing manual, printed instructions, the special written instruc-
tions of the U. S. Surveyor General for Arizona, and in the

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

Lewis Wolfley
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 6th
day of January 1885

Chas M. Howard
Justice of the Peace, Notary Public, ex
and for Cochise County Arizona

A List of the Names of Individuals employed by
Lewis Wolfley 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 Exterior lines of Tps 9-10-12 & 12 S
R 27 E Tps 11-10-11-12 S R 25 E.
Tps 11 and 12 S R 29 E Tps 11 and 12
S R 30 E

of the principal base and meridian in the Territory of Arizona,
showing the respective capacities in which they acted.

States Commissioner: Chas
Jas. M. Cantor ..
W. H. Tiffany ..
J. W. Canady ..
Edw. H. Mendenhall ..
L. S. Rhoads ..

216

Final Oaths of Assistants.

We hereby certify that we assisted Lewis

Wolfeley

U. S. Deputy Surveyor, in surveying

the Extension lines of Tps 9-10-11-12 S

R 27 E Tps 9-10-11-12 S Rs 28 E

Tps 11 and 12 S Rs 29 and 30 E

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 established according to the instructions furnished by the U. S. Surveyor-General for Arizona.

States I Morrison

Jas M. Canton

Wm. J. Tiffany

W. Lanard

Edwin D. Meeker

Gilbert H. Brooks

Subscribed and sworn to before me this 6th

day of Jan 1885

Lewis Wolfeley

Notary Public.

Final Oath of U. S. Deputy Surveyor.

BOOK 1496

1 Lewis Wolfley

United States Deputy Surveyor, do solemnly swear that in pursuance of instructions received from Royal A

Johnson U. S. Surveyor General for Arizona bearing date of the 26th day of Nov-

188.....I have well, faithfully, and truly, in my own proper person and in strict conformity, with the instructions furnished by the U. S. Surveyor General for Arizona, the surveying manual and the laws of the United States surveyed the

Exterior lines of Nos 9-10-11-12 S

Rs 27 and 28 E Nos 11 and 12 S

Rs 29 and 30 E

of the principal base and meridian in the Territory of Arizona, as are represented in the foregoing field 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.

Lewis Walpole
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this

6th

day of *January* 188*5*

A. M. R. Guand
Justice of the Peace, Notary Public, in
and for Cochise County Ariz.

BOOK 1496

U. S. Surveyor General's Office,

Tucson, Arizona, 188

The foregoing Field Notes of the Survey of the
 Exterior lines of Trs 9-10-^{#1}12-12 S
 Rs 27-28 E Trs 11 and 12 S
 Rs 29 and 30 E

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by Lewis Wolfley

Deputy Surveyor, under his contract of the 26th

day of November, 1884, having been

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

Rapal Johnson
 Surveyor General.