

22.

BOOK 1319

4-671

FIELD NOTES
GENERAL LAND OFFICE.

Excursions To 13, 14, 15, 16 N
As. 1862-1863

No. 1319

Field Notes
of the Survey of the Extremities of
T^{13, 14, 15 & 16 N.} - R^{14 & 15 E.}
of the
Gila and Salt River Base
and Meridian
in the
Territory of Arizona
as surveyed by
Philip Cortzen
U. S. Deputy Surveyor
Under his Contract No 27
Dated Feb. 10th 1893

Survey Commenced Oct 17th 1893
Survey Completed Jan. 8th 1894

466					
457					
4318	S. 1677, R. 14 E.				
4119					
4030					
3831					
366					
357					
3318	S. 1577, R. 14 E.				
3119					
2930					
2731					
246					
227					
2118	S. 1477, R. 14 E.				
2019					
1830					
1731	32				
1662					
1465				107	
137				1206	
1118	S. 1377, R. 14 E.			1204	
1019				2952	
830				2551	
631				3649	

13-19

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BOOK 1319

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At 12 M. October 17th 1893 at cor to Tps 13
N. Rs 13 & 14 E. I take an observation
on the Sun and find my instrument
in perfect adjustment.
Latitude $34^{\circ}29'N.$ Mean Va. $13^{\circ}46'E$

Exterior Boundaries T. 13 N. R. 14 E.

Chain

I begin at Standard Cor to Tps 13 N.
 Rs. 13 & 14 E. as here in before described
 Then I run

North bet Secs 31 & 36.

Va. $13^{\circ}49'E$

Through Timber.

- 0.55 Pine 20 ins diam on line
 5.00 Ravine 100 lbs wide bears E.
 31.00 Ravine 100 lbs wide bears E.
 35.63 Set a sandstone $18 \times 16 \times 10$ ins 12 ins in
 the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$
 on N. face, from which
 A pine 24 ins diam bears $N. 85^{\circ} E 49$ lbs
 dist marked $\frac{1}{4}$ S.B.T.
 A pine 10 ins diam bears $S. 32^{\circ} E. 77$ lbs
 dist marked $\frac{1}{4}$ S.B.T.
 57.00 Descend into ravine course N.W.
 58.00 Bottom and ascend.

Exterior Boundaries T. 13 N. R. 14 E. Cont^d

Chains

60.00 Top of bank of ravine

75.63 This point falling on a limestone in place $36 \times 24 \times 6$ ins above ground I marked a cross (X) at exact cor point for cor. to secs 25, 30, 31 & 36 with 5 notches on N. and 1 notch on S. edges.

from which

A pine 10 ins. diam. bears N. $34^{\circ}30'$ E 56 lbs dist. marked T. 13 N. R. 14 E S. 30 B.T.

A pine 8 ins diam bears S 40° E. 48 lbs dist marked T. 13 N. R. 14 E. S. 31 B.T.

A pine 16 ins diam bears S. 50° W. 91 lbs dist marked T. 13 N. R. 13 E S. 36 B.T.

A pine 24 ins diam bears N. $32^{\circ}30'$ W 69 lbs dist. marked T. 13 N. R. 13 E S. 25 B.T.

Land, rough and rolling

Soil 3^d rate

75.63 chs pine timber.

Heavily timbered land 75.63 chs

Exterior Boundaries T. 13 N. R. 14 E. Cont^d
Chains

Note: In conformity with Letter of Instructions by the Surveyor General dated April 15. 1893 I deduct 4.37 chs, the amount of the falling.

N. on a true line bet secs 25 & 30

Pa. $13^{\circ}49' E$

Through timber
West Chevelon

- 6.00 Descend into ^{West Chevelon} Cañon course N. E
- 25.42 Bottom of creek flows E. N. E
- 26.00 Ascend.
- 34.00 Ravine, course E. 25 lks wide.
- 40.00 Set a limestone $18 \times 14 \times 6$ ins 12 ins in the ground for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on W. face from which
- A pine 30 ins diam. bears N. 30° W. 81 lks dist marked $\frac{1}{4}$ S. B. T.
- A pine 32 ins diam. bears S. 75° E 34 lks dist. marked $\frac{1}{4}$ S. B. T.

Exterior Boundaries T. 13 N. R. 14 E. Cont^d

Chains

44.00 Top.

50.00 Descend into gulch course N⁶.

53.00 Bottom and ascend. . .

56.00 Top.

63.00 Ravine 30 lks wide course S⁶.

80.00 Set a limestone 18 x 12 x 8 ins 12 ins in the ground for cor to Secs 19. 24. 25 & 30 marked with 4 notches on N and 2 notches on S. edges from which

A pine 16 ins. diam bears N. 20° E 80 lks dist marked T. 13 N. R. 14 E. S. 19 B.T.

A pine 30 ins ^{diam} bears S. 42° E 45 lks dist marked T. 13 N. R. 14 E. S. 30 B.T.

A pine 36 ins diam bears S. 13° W. 49 lks dist marked T. 13 N. R. 13 E S. 25 B.T.

A pine 14 ins. diam bears N. 42° W. 46 lks dist. marked T. 13 N. R. 13 E S. 24 B.T.

Land broken

Soil 3^d rate

Exterior Boundaries T. 13. N. R. 14 E. Cont^d
chains

Pine timber 80chs.

Heavily timbered land 80chs

North bet Secs 19 & 24

Ba $13^{\circ}47'E$

Through timber

34.00 Cutch 100 lks wide course E.

34.90 Pine, 36 ins diam, on line

40.00 A pine 8 ins. diam which I marked
 $\frac{1}{4}$ S. on W. side for $\frac{1}{4}$ Sec cor.
from which

A pine 18 ins diam bears N. $2^{\circ}E$ 80 lks
dist. marked $\frac{1}{4}$ S. B.T.

A pine 6 ins diam bears S. $28^{\circ}W$. 60 lks
dist. marked $\frac{1}{4}$ S. B.T.

80.00 Set a sandstone $18 \times 14 \times 6$ ins. 12 ins in
the ground for cor. to Secs. 13. 18. 19 &
24 marked with 3 notches on N and S.
edges from which

A pine 25 ins diam bears N. $31^{\circ}E$ 41 lks

Exterior Boundaries T. 13 N. R. 14 E. Cont'd

chains

dist. marked T. 13 N. R. 14 E. S. 18 B. F.

A pine 15 ins diam bears S. 58° E 96 lks dist.
marked T. 13 N. R. 14 E. S. 19 B. F.A pine 12 ins. diam. bears S. 50° W. 45 lks
dist. marked T. 13 N. R. 13 E. S. 24 B. F.A pine 17 ins diam. bears N. 82° W. 20 lks
dist. marked T. 13 N. R. 13 E. S. 13 B. F.

Land rolling

Soil 3^d rate

Pine timber sochs.

~~Heavily timbered land sochs~~

N. bet. Secs 13 & 18

Va 13° 46' E

Through timber

40.00 Set a limestone 18 X 10 X 8 ins 12 ins in the
ground for 1/4 Sec cor. marked 1/4 on W.
face, from whichA pine 16 ins. diam bears N. 50° E 48 lks
dist. marked 1/4 S. B. F.

Exterior Boundary T. 13 N. R. 14 E. Cont^d
Chain

A pine 18 ins diam bears S. 64° W. 33 lks
dist marked $\frac{1}{4}$ S. B. T.

68.00 Descend into Cañon course N.E.

78.00 Bottom. & ascend

80.00 Set a sandstone .18 X 12 X 13 ins 12 ins in
the ground for cor to Seco 7, 12, 13 & 18
marked with 2 notches on N and 4
notches on S. face^{edges} from which

A pine 12 ins diam bears N. 70° E. 95 lks dist
marked T. 13 N. R. 14 E. S. 7 B. T.

A pine 6 ins diam. bears S. 18° 30' E. 32 lks
dist. marked T. 13 N. R. 14 E. S. 18 B. T.

A pine 14 ins diam bears S. 83° W. 80 lks
dist. marked T. 13 N. R. 13 E. S. 13 B. T.

A pine 8 ins diam bears N. 15° W. 40 lks
dist. marked T. 13 N. R. 13 E. S. 12 B. T.

Land rolling

Soil 3^d rate

Pine timber 80 chs.

Heavily timbered land 80 chs

Exterior Boundaries T. 13. N. R. 14 E - Cont'd

Chains

N. bet secs 7 & 12.

Va. $13^{\circ} 46' E$

Through timber; ascend from Cañon

17.00 Top of Cañon

36.00 Ravine 30 lks wide, course N.E.

40.00 Set a limestone $18 \times 12 \times 10$ ins 12 ins
in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$
on W. face from whichA pine 24 ins diam bears $N. 57^{\circ} W. 37$ lks
dist marked $\frac{1}{4}$ S. B. T.A pine 20 ins diam bears $S. 1^{\circ} 30' E 140$ lks
dist. marked $\frac{1}{4}$ S. B. T.

66.00 Descend into Cañon course N.E.

74.00 Bottom of Cañon and ascend

~~80.00~~

80.00

Set a limestone $24 \times 12 \times 6$ ins 18 ins in
the ground for cor to Secs 1, 6, 7 & 12 marked
with 1 notch on N. and 5 notches on S.
edges from which.A pine 8 ins diam. bears $N. 3^{\circ} 30' E 27$ lks

Exterior Boundaries T. 13 N. R. 14 E - cont^d

Champs

dist marked T. 13 N. R. 14 E S. 6 BT.

A pine 6 ins diam bears S. 85° E 153 lks

dist marked T. 13 N. R. 14 E. S. 7 BT.

A pine 1 1/2 ins diam bears S. 31° W. 39 lks

dist marked T. 13 N. R. 13 E S. 12 BT.

A pine 16 ins diam bears N. 69° W. 99 lks

dist marked T. 13 N. R. 13 E S. 1 BT

Land broken

Soil, worthless

Pine timber 8000s.

Heavily timbered land 8000s

North bet Secs 1 & 6

Va. 13° 46 E

Through timber. Descend

3.00 Ravine 100 lks wide course SE.

16.00 Descend into gulch

17.00 Bottom and ascend

20.00 Top of mesa

30.00 Log Cabin bears W. 7 lks dist.

Exterior Boundaries T. 13 N. R. 14 E - Cont'd

chains

40.00 Set a sandstone 18x12x6 ins 12 ins in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone $1\frac{1}{2}$ ft high 2 ft base along side. To be deposited. No bearing trees within limit

43.00 Cross Winslow Road bears N E.

44.00 Cross Winslow Road bears N W.

77.00 Cross Winslow Road bears N E.

80.00 Set a post $4\frac{1}{2}$ ft long 4 ins square, 24 ins in the ground with marked stone for cor to Tps 13 & 14 N. R. 13 & 14 E. marked T. 14 N. S. 31 on N E.

R. 14 E. S. 6 on S E.

T. 13 N. S. 1 on S W and

R. 13 E S. 36 on N W. face with

6 notches on each edge from which

A pine 12 ins diam bears N 43° E. 40 lks dist. marked T. 14 N. R. 14 E. S. 31 B. F.

A pine 20 ins diam bears S. $6^{\circ}30'$ E 50 lks

Exterior Boundaries T. 13 N. R. 14 E. Cont'd

Chains

dist marked T. 13 N. R. 14 E. S. 6 B.F.

A pine 18 ins diam. bears S. 60° W. 70 lks

dist marked T. 13 N. R. 13 E S. 1 B.F.

A cedar 12 ins diam bears N 50° W. 80 lks

dist. marked T. 14 N. R. 13 E S. 36 B.F.

Land rolling

Soil 2^d and 3^d rate

Pine and Cedar timber 80 chs.

Heavily timbered & land rocks

Oct 17th 1893

Exterior Boundaries T. 14 N. R. 14 E.

chains

From the Cor of Tps 13 & 14 N. Rs. 13 & 14 E.
on the West bdy of the Township

Iron

North bet Secs 31 & 36

Ba. $13^{\circ}46' E$

Through timber

0.50 Cross Winslow road bears N 6.

40.00 Set a sandstone $15 \times 12 \times 8$ ins. 10 ins in
the ground for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on W.
face, from which

A pine 6 ins diam. bears N. $24^{\circ} W$. 54 lks
dist. marked $\frac{1}{4}$ S. B. T.

A pine 22 ins diam bears S. $16^{\circ} E$ 47 lks
dist. marked $\frac{1}{4}$ S. B. T.

79.00 Road bears N W.

80.00 Set a sandstone $24 \times 20 \times 8$ ins 16 ins
in the ground for cor to secs 25, 30, 31 &
36 marked with 5 notches on N and 1
notch on S. ^{edge} face from which

Exterior Boundaries T. 14 N. R. 14 E.

Chains

- A pine 6 ins diam bears N. $23^{\circ}30'$ E.
98 lks dist marked T. 14 N. R. 14 E. S. 30 BT.
- A pine 20 ins diam bears S. $7^{\circ}E$ 80 lks
dist marked T. 14 N. R. 14 E. S. 31 BT.
- A pine 8 ins diam bears S. $74^{\circ}W$. 102 lks
dist marked T. 14 N. R. 13 E. S. 36 BT.
- A pine 3 ins diam. bears N. $56^{\circ}30'W$. 74 lks
dist. marked T. 14 N. R. 13 E. S. 25 BT.

Land rolling

Soil 2^d and 3^d rate

Pine timber 80chs.

Heavily timbered land 80chs

North bet Secs 25 & 30

Va. $13^{\circ}46'E$.

Through timber

40.00 Set a limestone 15x12x6 ins 8 ins in
the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$
on W. face from which

A cedar 12 ins diam bears N. $84^{\circ}30'W$

Exterior Boundaries T. 14 N. R. 14 E.

Chains

124 lks dist. marked $\frac{1}{4}$ S. B.T.A pine 18 ins diam. bears S. 65° E. 36 lks
dist. marked $\frac{1}{4}$ S. B.T.80.00 Set a limestone 18 X 16 X 10 ins. 12 ins in
the ground for cor to secs 19, 24, 25 & 30
marked with 4 notches on N. and 2 notches
on S. faces from whichA pine 16 ins diam. bears N. 10° E. 78 lks
dist. marked T. 14 N. R. 14 E. S. 19 B.T.A cedar 10 ins diam bears S. $53^{\circ} 30'$ E. 19 lks
dist. marked T. 14 N. R. 13⁴ E. S. 30 B.T.A cedar 14 ins diam bears S. 34° W. 75 lks
dist. marked T. 14 N. R. 13⁶ S. 25 B.T.A cedar 6 ins diam. bears N. $80^{\circ} 30'$ W.22 lks dist. marked T. 14 N. R. 13⁶ S. 24 B.T.

Land rolling.

Soil 3^d rate

Pine and cedar timber 800 lks.

Exterior Boundaries T. 14 N. R. 14 E.

Chains

North bet Secs 19 & 24

Va $13^{\circ} 47' E$

Through timber

40.00 Set a sandstone $21 \times 12 \times 8$ ins 16 ins in
the ground for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on
W. face, from which

A pine 25 ins diam. bears N. $77^{\circ} W$. 20 lks
dist. marked $\frac{1}{4}$ S. B. T.

A pine 18 ins diam. bears S. $67^{\circ} E$ 56 lks
dist. marked $\frac{1}{4}$ S. B. T.

80.00 Set a sandstone $21 \times 12 \times 7$ ins 16 ins in the
ground for cor to secs 13, 18, 19 & 24 marked
with 3 matches on N and S faces from which

A cedar 8 ins diam bears N. $43^{\circ} 30' E$ 28 lks
dist. marked T. 14^N R. 14 E. S. 18 B. T.

A cedar 14 ins diam bears S. $85^{\circ} E$. 14 lks
dist. marked T. 14 N. R. 14 E. S. 19 B. T.

A cedar 6 ins. diam bears S. $31^{\circ} W$. 36 lks
dist. marked T. 14 N. R. 13 E S. 24 B. T.

Exterior Boundaries T. 14 N. R. 14 E.

Chains

A cedar 10 ins. diam bears N. 24° W. 96 lks dist
marked T. 14 N. R. 13 E. S. 13 B. P.

Land rolling

Soil 2^d and 3^d rate

Timber, pine and cedar 80 chs.

Heavily timbered land 80 chs

North bet Secs 13 & 18

Pa. 13° 49' E

Through timber

40.00 Set a limestone 21 x 12 x 8 ins 16 ins in
the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on
W. face from which.

A cedar 8 ins diam bears S. 75° E. 5 lks dist
marked $\frac{1}{4}$ S. B. P.

A cedar 6 ins diam bears N. 46° W. 8 lks dist
marked $\frac{1}{4}$ S. B. P.

80.00 Set a sandstone 15 x 12 x 6 ins 10 ins in
the ground for cor. to sec 7. 12. 13 & 18 marked
with 2 notches on N. and 4 notches on S.

Exterior Boundaries T. 14 N. R. 14 E.

Chains

edges
faces from whichA cedar 17 ins diam. bears N. $55^{\circ}30'E$ 134 lbs
dist marked T. 14 N. R. 14 E. S. 7 BT.A cedar 18 ins. diam. bears S. $37^{\circ}E$ 188 lbs
dist. marked T. 14 N. R. 14 E. S. 18 BT.A cedar 12 ins. diam. bears S. $72^{\circ}W$. 132 lbs
dist marked T. 14 N. R. 13 E. S. 13 BT.A cedar 8 ins. diam bears N. $49^{\circ}30'W$. 161 lbs
dist. marked T. 14 N. R. 13 E. S. 12 BT

Land rolling

Soil 2^d and 3^d rate

Timber, pine and cedar 80 chs.

Heavily timbered land 80 chs

North bet Secs 7 & 12.

Va. $13^{\circ}49'E$

Through timber

40.00 Set a limestone 15 x 12 x 8 ins 10 ins in
the ground for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on W.
face, from which

Exterior Boundaries T. 14 N. R. 14 E.

Chains

A cedar 18 ins diam. bears N. 41° E. 44 lbs
dist marked $\frac{1}{4}$ S. B. T.

A cedar 8 ins diam bears S. 40° W. 34 lbs dist.
marked $\frac{1}{4}$ S. B. T.

80.00 Set a limestone 18x10x4 ins 12 ins in
the ground for cor to secs 1, 6, 7 & 12. marked
with 1 notch on N. and 5 notches on S. faces
from which.

A cedar 8 ins diam. bears N. 55° E. 19 lbs dist
marked T. 14 N. R. 14 E. S. 6 B. T.

A cedar 6 ins diam bears S. 36° E. 37 lbs dist
marked T. 14 N. R. 14 E. S. 7 B. T.

A cedar 9 ins diam bears S. 63° W. 18 lbs
dist marked T. 14 N. R. 13 E. S. 12 B. T.

A cedar 20 ins diam bears N. 50° W. 16 lbs
dist marked T. 14 N. R. 13 E. S. 1 B. T.

Land selling

Soil 3^d and 4th rate

Timber, pine and cedar 80 chs.

Heavily timbered land 80 chs

Exterior Boundaries T. 14 N. R. 14 E

Chains

North bet Secs 1 & 6

Va $13^{\circ} 50' E$

Through timber

40.00 Set a sandstone 18 x 16 x 10 ins 12 ins in
the ground for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on
W. face from which

A cedar 17 ins diam bears N. $63^{\circ} 30' E$.

39 lbs dist. marked $\frac{1}{4}$ S. B. T.

A cedar 15 ins diam bears S. $78^{\circ} W$. 20 lbs
dist. marked $\frac{1}{4}$ S. B. T.

80.00 Set a sandstone 24 x 14 x 12 ins 18 ins in
the ground for cor to Tps 14 & 15 N.
R. 13 & 14 E. marked with 6 notches
on each face from which

A cedar 20 ins diam bears N. $65^{\circ} E$ 30 lbs
dist. marked T. 15 N. R. 14 E. S. 31 B. T.

A cedar 10 ins diam. bears S. $64^{\circ} E$. 61 lbs
dist marked T. 14 N. R. 14 E. S. 6 B. T.

A cedar 18 ins diam bears S. $75^{\circ} W$. 129 lbs

Exterior Boundaries T. 14 N. R. 14 E.

Chains

dist. marked T. 14 N. R. 13 E. S. 1 B. T.

A pine 23 ins. diam. bears N. $43^{\circ}30' W.$ 82 1/2 ft.

dist. marked T. 15 N. R. 13 E. S. 36 B. T.

Land rolling.

Soil 2^d and 3^d rate

Timber, cedar and pine 80 cho.

Heavily timbered land each

Oct 18th 1893

At this point at 12 M. Oct 18th 1893. I
take an observation on the sun and
find my instrument in perfect
adjustment

Lat $34^{\circ}39' N.$ Mean Va. $13^{\circ}51' E$

West Boundary.

Exterior Boundaries T. 15 N. R. 14 E

Chain

I begin at the Cor to Tps 14 & 15 N. Rs. 13 & 14 E hereintofore described

Thence I run
North bet Secs 31 & 36

On $13^{\circ}51'E$

Through timber

- 0.50 Enter draw, course N W.
- 1.00 Leave draw and ascend low ridge
- 7.00 Top of ridge bears N E.
- 11.50 Descend into draw course N E.
- 16.00 Bottom
- 25.00 Leave draw and ascend
- 39.90 Top
- 40.00 Set a limestone $24 \times 12 \times 10$ ins
18 ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on W. face

Exterior Boundaries T. 15 N. R. 14 E

Chain

From which

A pine 6 ins diam bears N. $63^{\circ}30'$
E. 32 lks dist marked $\frac{1}{4}$ S. B. T.
A pine 10 ins diam bears S. $40^{\circ}W$
12 lks dist marked $\frac{1}{4}$ S. B. T.

80.00 Set a limestone $15 \times 14 \times 4$ ins
10 ins in the ground for Cor to
Secs 25, 30, 31 & 36 marked with
5 notches on N and 1 notch on
S. edges from which

A cedar 10 ins diam bears N $28^{\circ}E$
139 lks dist marked T. 15 N. R. 14 E
S. 30 B. T.

A pine 4 ins diam bears S. $23^{\circ}30'$
E. 39 lks dist. marked T. 15 N.
R. 14 E. S. 31 B. T.

A pine 16 ins. diam bears S. $20^{\circ}W$
42 lks dist marked T. 15 N. R. 13 E

Exterior Boundaries T. 15 N. R. 14 E.

S. 36 B.T.

A pine 6 ins diam. bears N. 57° W
59 lks dist. marked T. 15 N. R. 13 E.

S. 25 B.T.

Land rolling

Soil 2^d and 3^d rate

Timber, pine and cedar 80 chs.
Heavily timbered land 80 chs

North bet Secs 25 & 30

Va. 13° 51' E

Through timber

32.00 Descend into small gulch, course

39.00 Bottom, and ascend.

40.00 Set a limestone 18 x 18 x 18 ins
12 ins in the ground for 1/4 Section
marked 1/4 on W face

From which

A pine 8 ins. diam. bears N 70° 30' W

Exterior Boundaries T. 15 N. R. 14 E.

chain

10 lks dist. marked $\frac{1}{4}$ S B.T.

A pine 10 ins diam bears S. 90° E

33 lks dist marked $\frac{1}{4}$ S B.T.

80.00 Set a limestone $15 \times 12 \times 10$ ins

10 ins in the ground for Cor to

Secs. 19, 24, 25 & 30 marked with

4 notches on N and 2 notches

on S. edges

From which

A pine 4 ins diam bears N. 31° E

91 lks dist marked T. 15 N. R. 14

E. S. 19 B.T.

A pine 10 ins diam bears S. 12° E

19 lks dist. marked T. 15 N. R. 14 E

S. 30 B.T.

A pine 10 ins diam bears S. 28° W

93 lks dist. marked T. 15 N. R. 13 E.

S. 25 B.T.

Exterior Boundaries T. 15 N. R. 14 E.

Chains

A pine 14 ins. diam bears N. 10° W.
150 lks dist. marked T. 15 N. R. 13 E.
S. 24 B.T.

Land rolling

Soil 2^d and 3^d rate

Timber, pine and cedar 80 chs.
Heavily timbered land 80 chs

North bet Secs 19 & 24

Pa. $13^{\circ} 52' E$

Through timber

40.00 Set a limestone 18 x 12 x 5 ins 12
ins in the ground for $\frac{1}{4}$ Sec corner
marked $\frac{1}{4}$ on W. face

From which

A pine 4 ins. diam bears N. $77^{\circ} 30' E$
46 lks dist. marked $\frac{1}{4}$ S. B.T.

A pine 5 ins diam bears S. $48^{\circ} W$
41 lks dist. marked $\frac{1}{4}$ S. B.T.

Exterior Boundaries T. 15 N. R. 14 E

Chamie

80.00 Set a sandstone 24 x 24 x 8 ins
18 ins in the ground for box to
Secs 18, 19 & 24 marked with
3 notches on N & S edges.

From which

A pine 14 ins diam bears E 24 lks
dist. marked T. 15 N. R. 14 E S. 18 B.T.

A pine 8 ins diam bears S 27° 0'
21 lks dist. marked T. 15 N. R.
14 E. S. 19 B.T.

A pine 10 ins diam bears S. 72° 30'
N. 75 lks dist. marked T. 15 N.
R. 13 E. S. 24 B.T.

A pine 10 ins diam bears N. 16°
N. 55 lks dist. marked T. 15 N.
R. 13 E. S. 13 B.T.

Land colling

Soil 2^d and 3^d rates

Exterior Boundary T. 15 N. R. 14 E.

Timber, pine and cedar 80 chs.
 Heavily timbered land 80 chs

North bet Secs 13 & 18

2 ^{pts} Va. $13^{\circ}52' E$

Through timber

40.00 Set a sandstone $15 \times 10 \times 10$ ins
 10 ins in the ground for $\frac{1}{4}$ Sec
 Cor marked $\frac{1}{4}$ on N. face
 From which

A pine 10 ins diam bears $N 52^{\circ}$
 W. 66 lks dist marked $\frac{1}{4}$ S.B.P.

A cedar 20 ins diam bears $S. 69^{\circ}$
 $30' E$. 80 lks dist. marked $\frac{1}{4}$ S.B.P.

80.00 Set a sandstone $15 \times 14 \times 4$ ins
 10 ins in the ground for Cor to
 Secs 7, 12, 13 & 18 marked with
 2 notches on N. and 4 notches
 on S. face

Exterior Boundaries T. 15 N. R. 14 E

Chains

From which

A pinon 6 ins diam bears N.
77° 30' E. 39 lks dist marked
T. 15 N. R. 14 E. S. 7 B.T.

A pinon 8 ins diam bears S 70
E. 21 lks dist marked T. 15 N.
R. 14 E. S. 18 B.T.

A pinon 9 ins diam bears S 6
30' W. 89 lks dist. marked T. 15 N.
R. 13 E. S. 13 B.T.

A pinon 4 ins diam bears N 67 W
29 lks dist. marked T. 15 N. R.
13 E. S. 12 B.T.

Land rolling

Soil 2^d and 3^d rates

Timber Cedar and Pinon 80chs.
Heavily timbered land 80chs

Exterior Boundaries T15 N. R. 14 E.

Chains

North bet Secs 7 & 12.

Pa. $13^{\circ} 52' E$

Through timber

40.00 Set a sandstone $21 \times 12 \times 6$ ins. 16
ins. in the ground for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ on W. face

From which

A pinon 10 ins diam bears $N 40^{\circ}$
 $30' E$. 108 lks dist marked $\frac{1}{4}$ S.B.T.

A pinon 8 ins diam bears $S 89^{\circ}$
 $30' W$. 71 lks dist marked $\frac{1}{4}$ S.B.T.

40.07 Coarse road to Winslow bears
 $N E$.

80.00 Set a limestone $15 \times 12 \times 10$ ins. 16
ins. in the ground for Cor to Sec
1.6. 7 & 12 marked with 1 notch
on N. and 5 notches on S. face

From which

Exterior Boundaries T. 15 N. R. 14 E.

Chains

A cedar 20 ins diam bears N. 70° E
248 lks dist. marked T. 15 N.
R. 14 E. S. 6 B T.

A cedar 20 ins diam bears S 20°
E. 40 lks dist marked T. 15 N.
R. 14 E. S. 7 B T.

A piñon 4 ins diam bears S. 75° W
68 lks dist marked T. 15 N. R. 13 E
S. 12 B T.

A piñon 12 ins. diam bears N 53°
W. 231 lks dist marked T. 15 N.
R. 13 E. S. 1 B T.

Land rolling

Soil 2^d and 3^d rate

Timber, cedar and piñon 80 chs.
Heavily timbered of land 80 chs

North bet Secs 1 & 6

Ta. 13° 53' E

Exterior Boundaries T. 15 N. R. 14 E.

Chains

Through timber

40.00 Set a limestone $15 \times 12 \times 12$ ins 10 ins in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on W. face from which

A pinon 10 ins diam bears $N 57^{\circ} W$ 206 lks dist marked $\frac{1}{4}$ S.B.T.

A pinon 4 ins diam bears $S 61^{\circ} 30' E$ 82 lks dist. marked $\frac{1}{4}$ S.B.T.

80.00 Set a limestone $15 \times 14 \times 13$ ins 10 ins in the ground for cor to Tps 15 & 16 N. Rs 13 & 14 E.

marked with 6 notches on each edge, from which

A pinon 6 ins diam bears $N 72^{\circ} 30' E$ 18 lks dist. marked T. 16 N. R. 14 E. S. 31 B.T.

A pinon 4 ins diam bears $S 45^{\circ} E$ 153 lks dist. marked T. 15 N. R. 14 E. S. 6 B.T.

A pinon 4 ins diam bears $S 30^{\circ} W$ 126 lks dist. marked T. 15 N. R. 13 E. S. 1 B.T.

A pinon 7 ins diam bears $N 54^{\circ} 30' W$ 122 lks dist marked T. 16 N. R. 13 E. S. 36 B.T.

West Boundary.

Exterior Boundaries T. 16 N. R. 14 E.

Chains

Land rolling. Soil 2^d rateTimber cedar and pinon 80 cks.
~~Beautifully timbered land~~ 80 cks
Oct 19th 1893At this point at 12. M. Oct 19th 1893 I take
an observation on the sun and find the
instrument in perfect adjustmentLatitude $34^{\circ}44' N.$ Va. $13^{\circ}51' E$ From the cor to Tpo 15 & 16 N. R. 13 & 14 E just
described, I run

North bet Secs 31 & 36

Va. $13^{\circ}50' E$

Through timber

40.00 Set a limestone $15 \times 10 \times 8$ ins 10 ins in
the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ out N.
face, from whichA cedar 14 ins diam bears S. $59^{\circ} 8' 16''$ dist
marked $\frac{1}{4}$ S. B. T.A cedar 12 ins diam bears N $44^{\circ} 30' W.$ 34 lks.

Exterior Boundaries T. 16 N. R. 14 E. 6.

Chains

dist. marked $\frac{1}{4}$ S. B. T.

80.00 Set a limestone 15 x 12 x 5 ins 10 ins in
the ground for Cor. to Secs 25 30 31 & 36
marked with 5 notches on N. and 1 notch
on S. face, from which

A pinon 7 ins diam. bears S. $23^{\circ} 30' E$ 48 lks
dist. marked T. 16 N. R. 14 E. S. 31 B. T.

A cedar 12 ins. diam bears N. $30^{\circ} E$ 39 lks
dist. marked T. 16 N. R. 14 E. S. 30 B. T.

A pinon 6 ins. diam. bears S. $55^{\circ} W$. 111 lks
dist. marked T. 16 N. R. 13 E. S. 36 B. T.

A pinon 7 ins diam bears N. $78^{\circ} W$. 102 lks
dist. marked T. 16 N. R. 13 E. S. 25 B. T.

Land, level and gently rolling

Soil 3^d rate

Timber, cedar and pinon.

Heavily timbered land 80 chs

Exterior Boundaries T. 16 N. R. 14 E.

Chains

North bet Secs 25 & 30

Pa. $13^{\circ} 57' E$

Through timber.

18.80 Cross bush fence bears E & W ascend.

22.00 Top.

33.20 Cross trail bears E & W.

38.00 Descend.

40.00 Bottom where I set a sandstone $16 \times 16 \times 16$
ins. 11 ins in the ground for $\frac{1}{4}$ Sec bet
marked $\frac{1}{4}$ on W. face

From which:

A pinon 9 ins diam bears S. $79^{\circ} 30' W$. 60 lks
dist. marked $\frac{1}{4}$ S. B. T.

A cedar 14 ins diam bears N. $52^{\circ} 30' E$ 16 lks
dist. marked $\frac{1}{4}$ S. B. T.

70.00 Cross fence, bears NW.

72.00 Cross fence bears NW.

75.10 Cross fence bears NW.

80.00 Set a limestone $15 \times 8 \times 5$ ins 10 ins in

Exterior Boundaries T. 16 N. R. 14 E. C.

Chanis

the ground for cor to Secs 19, 24, 25 & 30 lks
marked with 4 notches on N and 2 notches
on S. edges, from which

A pinon 9 ins. diam. bears N. 48° E 79 lks
diat. marked T. 16 N. R. 14 E. S. 19 B. F.

A pinon 10 ins. diam. bears N. 33° W. 10 lks
diat. marked T. 16 N. R. 13 E. S. 24 B. F.

A cedar 14 ins. diam. bears S. $44^{\circ} 30'$ W. 10 lks
diat. marked T. 16 N. R. 13 E. S. 25 B. F.

A pinon 12 ins. diam. bears S. $88^{\circ} 30'$ E 15 lks
diat. marked T. 16 N. R. 14 E. S. 30 B. F.

Land rolling.

Soil 2^d rate

Timber, pinon and cedar 80 chs.

Heavily timbered land 80 chs

North bet Secs 19 & 24

N. $13^{\circ} 51'$ E

Through timber

16.15 Cross road bears N W.

Ecterior Boundaries T. 16 N. R. 14 E.

Chains

- 40.00 Set a sandstone 16 x 12 x 3 ins 11 ins in
the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on
N. face, from which
A cedar 20 ins diam bears N. $31^{\circ}30' E$.
101 lbs diat. marked $\frac{1}{4}$ S. B. T.
- A cedar 10 ins diam. bears S. $66^{\circ} W$. 107 lbs
diat. marked $\frac{1}{4}$ S. B. T.
- 80.00 Set a post 4 ft long 4 ins square. 24 ins
in the ground for cor to Secs 13. 18. 19 & 24
marked
- T. 16 N. S. 18 on NE
R. 14 E. S. 19 on SE.
S. 24 on SW. and
S. 13 on NW. face, with 3 notches
on N & S edges, from which
A pinon 6 ins diam bears E. 40 lbs diat
marked T. 16 N. R. 14 E. S. 19 B. T.
- A pinon 7 ins diam bears S. $9^{\circ}52' W$. 33 lbs
diat. marked T. 16 N. R. 13 E. S. 24 B. T.

Exterior Boundaries T. 76 N. R. 14 E. S. 6.

Chains

A cedar 13 ins. diam bears N. 69° 50' W. 16 lks lks
 dist marked T. 76 N. R. 13 E. S. 13 B. T. 5.

A cedar 20 ins. diam. bears N. 29° 10' E. 77 lks
 dist. marked T. 76 N. R. 14 E. S. 18 B. T.

Land mountainous and broken
 Soil, 2^d rate and worthless.

Timber, cedar and pinon 80 chs.
 Heavily timbered land 80 chs

North bet. Secs 13 & 18

N. 13° 50' E

Through timber

34.00 Little gutch 10 ch. wide bears E. N. E.

39.00 Descend into Clear creek

40.00 Mark a limestone in place 26 x 20 x 20
 ins above ground with a cross (X)
 at exact corner point for 1/4 sec
 cor. and marked 1/4 on W. face
 from which.

A pine 5 ins diam bears N. 56° 30' E

Exterior Boundaries T. 16 N. R. 14 E

Chains

- 78 lbs dist. marked $\frac{1}{4}$ S. B. T.
- A pine 4 ins diam bears S. $45^{\circ}30' W.$ 14 lbs
dist. marked $\frac{1}{4}$ S. B. T.
- 44.20 Bottom of Clear Creek 60 lbs wide bears
E. and ascend.
- 48.10 Top of bank and commence ascent
of Table mountain
- 74.70 Top bears E. & W.
- 80.00 Set a malpais stone 18 X 14 X 10 ins 12 ins
in the ground for cor to Sec 7, 12, 13 &
18. marked with 2 notches on N and
4 notches on S. edges
From which.
- A cedar 16 ins diam bears N. $71^{\circ} E$ 66 lbs
dist. marked T. 16 N. R. 14 E S. 7 B. T.
- A cedar 17 ins diam. bears N. $67^{\circ}30' W.$
68 lbs dist. marked T. 16 N. R. 13 E. S. 12 B. T.
- A cedar 8 ins diam bears S. $35^{\circ}30' W.$ 22
lbs dist. marked T. 16 N. R. 13 E. S. 13 B. T.

Exterior Boundaries T. 16 N. R. 14 E. C.

Chains

No other bearing trees within limit. lks

Land broken and mountainous 5.

Soil 2^d rate and worthless.

Timber, Cedar & Pinion 80cks.

~~Equally timbered on mountainsides~~~~and rocky.~~
North bet Secs 7 & 12Pa. $13^{\circ}51'E$

On Table mountain

40.00 Set a malpais stone 15 X 14 X 10 ins 10 1014

ins in the ground for $\frac{1}{4}$ Sec Cor. marked lms $\frac{1}{4}$ on W. face and raised a mound stoneof stone $1\frac{1}{2}$ ft high 2 ft base along

side. Pits impracticable. 1014

No bearing trees within limits. 1

50.00 Set a malpais stone 16 X 12 X 12 ins 1014

ins in the ground for Cor to Secs 1014

1.6. 7 & 12 marked with 1 notch on 1014

N. and 5 notches on S. edges and 1014

raised a mound of stone $1\frac{1}{2}$ ft 1014

high 2 ft base along side. Pits 1014

Exterior Boundaries T. 16 N. R. 14 E

Chems

impracticable.

Land ~~mountainous~~ level

Soil 2^d and 3^d rate, good grass

Timber, none

Mountainous land rocks

North bet Secs 1 & 6

Pa. $13^{\circ} 52' E$

Over changing ground.

- 30.00 Enter cedar timber.
- 40.00 Set a malpais stone $18 \times 11 \times 10$ ins
12 ins in the ground for $\frac{1}{4}$ section
marked $\frac{1}{4}$ on W. face and raised
a mound of stone $1\frac{1}{2}$ ft high
2 ft base alongside (to impracticable)
- 54.00 Descend from Table mountain
- 84.00 Cross gulch bears ~~E~~ W. and ascend
over a peak of Table mountain
- 139.40 Top of spur where I intersect the
Fourth Standard Parallel North

Exterior Boundaries T. 16 N. R. 14 E. 6.

Shams

7.10 chs S 85° 38' W. of the Standard Cor 1/4 Sec
to Tps 17 N. R. 13 and 14 E. where
I set a Melpais stone 17x8x8 ins 12
ins in the ground for Closing Cor
to Tps 16 N. R. 13 & 14 E marked C.C.
with 6 notches on S.E. & W. faces

From which.

A cedar 14 ins diam bears S. 70° 30' E 26
1/4 Sec dist marked T. 16 N. R. 14 E S. 6 B.T.

A cedar 10 ins diam bears N. 55° E 22
1/4 Sec dist marked ^{C.C.} T. 16 N. R. 13 3/4 14 E. B.T.

A cedar 20 ins diam bears S. 89° W. 68
1/4 Sec dist. marked T. 16 N. R. 13 E S. 1 B.T.

Land level 54 chs, balance mountainous

Soil 2^d rate and worthless

Timber Pine and Cedar
heavily timbered land 109.40 chs
Oct 20th 1893

At this point at 12 M. Oct 20th I
take an observation on the Sun

and find my instrument in
perfect adjustment

Latitude $34^{\circ}50'N.$ - Pa $13^{\circ}52'E$

Oct 20th 1893

Exterior Boundaries T. 13 N. R. 14 E.

Chains From the Standard Cor. to Tps 13 N.
R. 14 & 15 E. as hereinafore described

From
North bet Secs 31 & 36

Var. $13^{\circ} 47' E$

Over rolling ground

34.02 Sandstone in place 4×2 ft and
3 ins. above ground which I mark with
X at exact corner point for $\frac{1}{4}$ Sec Cor
and $\frac{1}{4}$ cor W. face

From which

A pine 18 ins. diam. bears S. $18^{\circ} E$ 34 lks
dist. marked $\frac{1}{4}$ S.B.T.

A juniper 12 ins diam. bears N. $60^{\circ} 30' W$
31 lks dist marked $\frac{1}{4}$ S.B.T.

60.30 Pine tree on line 26 ins diam
with two matches cut on each side.

71.00 Descend into gulch

73.00 Bottom of gulch course NW and ascend

Exterior Boundaries T. 13 N. R. 14 E.
Chains

74.02 Set a sandstone 30 x 16 x 8 ins
23 ins in the ground for 60 to
Sec 25. 30. 31 & 36 marked with
5 matches on N end & 1 notch on
S edges from which

A pine 18 ins. diam bears S. 11° W.
35 lks dist marked T. 13 N. R. 14 E. S. 36 BT

A pine 14 ins. diam bears N. 30° W. 47 lks
dist. marked T. 13 N. R. 14 E. S. 25 BT.

A pine tree 0.8" diam bears N. 72° 30' E 109
lks dist. marked T. 13 N. R. 15 E. S. 30 BT.

A pine tree 16 ins diam bears S. 11° E 57 lks
dist. marked T. 13 N. R. 15 E. S. 31 BT.

Land high rolling.

Soil 2^d and 3^d rates

Pine 74.02 chs.

Heavily timbered land 74.02 chs

See Note pages

Exterior Boundaries T. 13 N. R. 14 E.

chains

North bet Secs 25 & 30

Var. $13^{\circ}48' E$

Ascending from Gulch through timber.

1.00 Top of bank of gulch.

40.00 A pine 12 ins diam. which I marked chs.
12
93

$\frac{1}{4}$ S. on W. side for $\frac{1}{4}$ Sec Cor.

From which

A pine 18 ins diam bears $S. 50^{\circ} E. 75$ lks 14

dist. marked $\frac{1}{4}$ S.P.T.

A pine 8 ins diam bears $N. 35^{\circ} W. 12$ lks time

dist. marked $\frac{1}{4}$ S.P.T.

43.00 Descend into gulch mile

47.00 Bottom of gulch course S.W. d

50.00 Ascend -le

57.00 Top and descend Ming

Course S.W.

52.00 Bottom and ascend main bank 14

63.00 Top of bank. in

80.00 Set a sandstone 16 x 10 x 3 ins 11 ins e
in the ground for cor to Secs 19-24. re

Exterior Boundaries T. 13 N. R. 14 E
 Chain

25 & 30 marked with 4 notches
 on N. and 2 notches on S. edges,
 from which

A pine 14 in diam bears N. 19° W.
 50 lbs dist marked T. 13 N. R. 14 E. S. 24 B.T.

A juniper 14 in diam bears N. $68^{\circ} 30'$ E
 56 lbs dist marked T. 13 N. R. 15 E. S. 19 B.T.

A juniper 12 in diam bears S. 42° W. 74 lbs
 dist marked T. 13 N. R. 14 E. S. 25 B.T.

A cedar 8 in diam bears S. 2° E. 75 lbs dist
 marked T. 13 N. R. 15 E. S. 30 B.T.

Land broken and rolling

Soil 2^d and 3^d rate.

Timber, pine, juniper, oak and cedar
 The county timbered land sochs

North bet Secs 19 & 24

Va. $13^{\circ} 48' S$

Through timber

Exterior Boundaries T. 13 N. R. 14 E

Chains		
14.00	Descend into small Canon	lks
19.00	Bottom of canon course NW. and ascend	T.
25.00	Top, and descend into Lutch course SW.	
28.00	Bottom and ascend.	
30.00	Top.	chs. 25 23
40.00	Limestone in place 20 x 14 ins and 3 ins. above ground which I mark x at exact corner point and 1/4 on N. face for 1/4 Sec cor.	20 1/4 lms stone
	From which	
	A pine 12 ins diam. bears S. 42° W. 75 lks dist. marked 1/4 S B T.	lms
	A Cedar 12 ins diam bears N. 80° 15' E 26 lks dist marked 1/4 S B T.	lms
42.00	Battle trail bears NW.	lms
47.75	Battle trail bears NW.	20 1/4
68.00	Ravine 100 lks wide course SW.	in
80.00	Set a limestone 20 x 12 x 5 ins 15 ins in the ground for cor to Secs 13, 18	lms

Exterior Boundaries T. 13 N. R. 14 E

Chains

19 & 24 marked with 3 notches on
N & S. edges, from which

A pine 8 ins. diam bears S. 70° W. 8 $\frac{1}{2}$ lbs
dist. marked T. 13 N. R. 14 E S. 24 B.T.

A pine 10 ins diam bears S. 45° E 25 $\frac{1}{2}$ lbs
dist marked T. 13 N. R. 15 E S. 19 B.T.

A pine 12 ins diam bears N. 81° 30' W. 5 $\frac{1}{2}$ lbs
dist. marked T. 13 N. R. 14 E S. 13 B.T.

A pine 17 ins diam bears N. 6° 30' E 28 $\frac{1}{2}$ lbs dist
marked T. 13 N. R. 15 E S. 18 B.T.

Land broken

Soil 3^d and 4th rate

Timber Pine, oak and cedar socks.
Heavily timbered land socks

North bet Secs 13 & 18

Pa. 13 $^{\circ}$ 49' E

Through timber

37.00 Gulch 150 lbs wide Course W.

40.00 Set a sandstone 14 X 14 X 3 ins 10 ins

Exterior Boundary T. 13. N. R. 14 E

Charris

in the ground for $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$ on W. face from which

A pine 6 ins diam bears N. 50° W. 30 lks

dist. marked $\frac{1}{4}$ S. B. T.

A pine 26 ins. diam bears S. 46° E. 85 lks

dist. marked $\frac{1}{4}$ S. B. T.

80.00 Set a limestone 18 x 12 x 10 ins 12 ins

in the ground for Cor to Sec 7. 12.

13 & 18 marked with 2 notches on N

and 4 notches on S edges

From which

A pine 16 ins. diam bears N. 12° E. 38 lks

dist. marked T. 13. N. R. 15 E S. 7 B. T.

A pine 12 ins diam bears N. 32° W. 66 lks

dist. marked T. 13. N. R. 14 E. S. 12 B. T.

A pine 8 ins diam bears S. 62° 30' E. 130 lks

dist. marked T. 13. N. R. 15 E S. 18 B. T.

No other tree within limits.

Land rolling.

Soil 3^d and 4th rates.

Exterior Boundaries T. 13 N. R. 14 E
 Chains

Timber, pine, cedar and juniper
 Heavily timbered land sochs

North bet Secs 7 & 12

Va $13^{\circ}50'E$

Through timber

- 11.50 Cross cattle trail bears N E & S W.
 29.00 Cross cattle trail bears N W & S E.
 40.00 A sandstone in place 12×10 ins
 4 ins above ground which I mark
 with X at exact corner point and
 $\frac{1}{4}$ on W. face for $\frac{1}{4}$ Sec cor.

From which

A pine 12 ins diam. bears N. $41^{\circ}E$.
 23 lks dist. marked $\frac{1}{4}$ S B T.

A pine 14 ins diam bears S. $52^{\circ}30'W$.
 143 lks dist. marked $\frac{1}{4}$ S B T.

80.00 Set a limestone $17 \times 10 \times 8$ ins 12 ins
 in the ground for cor to Secs 1. 6. 7

Exterior Boundaries T. 13. N. R. 14 E. 6.

Chain

and 12 marked with 1 notch on N
and 5 notches on S. edges

From north

A pine 16 ins. diam. bears S. 52° W. 126 lbs
dist. marked T. 13. N. R. 14 E. S. 12 B.T.

A pine 18 ins diam bears S. 12° 30' E 118
lbs dist. marked T. 13. N. R. 15 E. S. 7 B.T.

A pine 12 ins diam bears N. 34° E. 100 lbs
dist. marked T. 13. N. R. 15 E. S. 6 B.T.

A pine 16 ins. diam. bears N. 42° W. 108
lbs dist. marked T. 13. N. R. 14 E. S. 1 B.T.

Land rolling

Soil 3^d and 4th rate

Timber, Pine and Cedar 80 lbs.
Heavily timbered land, 800 lbs

North bet Secs 1 & 6

Va 13° 51' E

Through timber

40.00 Set a limestone 14 x 14 x 4 ins 10 ins

Exterior Boundaries T. 13 N. R. 14 E

Chain

in the ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ on W. face from which

A pine 4 ins diam. bears N. 60° E
 35 lks dist. marked $\frac{1}{4}$ S. B. T.

A pine 15 ins diam bears S. 67° W.
 62 lks dist marked $\frac{1}{4}$ S. B. T.

47.50 Enter draw to N. N. E

70.00 Leaves draw " "

80.00 Set a limestone $14 \times 14 \times 5$ ins
 10 ins in the ground for cor to Tpo.

13 & 14 N, 14 & 15 E marked
 with 6 notches on each edge

From which

A pine 3 ins diam bears N. 32° 30' E
 139 lks dist marked T. 14 N. R. 15 E S. 1 B. T.

A pine 5 ins diam bears S. 63° W. 81 lks dist
 marked T. 13 N. R. 14 E. S. 1 B. T.

A pine 18 ins diam bears S. 87° E 144 lks
 dist marked T. 13 N. R. 15 E. S. 6 B. T.

North Boundary.

Exterior Boundaries T. 13 N. R. 14 E.

Chain

A pine 24 ins diam bears N. 56° W 50 lks
 dist. marked T. 14 N. R. 14 E S. 36 B S.

Land high and rolling.

Soil 2^d and 3^d rates

Timber spruce and pine 80 chs.
~~Heavily timbered land 80 chs~~
 Oct 21st 1893

From the cor. to Tps 13 & 14 N. Rs 14
 & 15 E I run West on a random line
 between said Township, the variation
 of my compass being $13^{\circ} 49' E$.

I set temporary half mile and mile
 corners at each 40 and 80 chs, and
 found the township line to be 6 miles
 5 chs. and 39 lks long and the falling
 to be 31 lks S. of the cor. to Tps 13 & 14
 N. Rs. 13 & 14 E. The correction
 for the true line will therefore
 be 5 lks S. (and 5.39 chs W.) per

Exterior Boundaries T. 13 N. R. 14 E
 Chain

mile and its course will be
 $S 89^{\circ} 58' E$.

From the cor of Twp 138, 14 N. Rs.
 138, 14 E hereinbefore described
 I run

$S. 89^{\circ} 58' E$ on a true line bet Secs 6 & 31
 Va $13^{\circ} 49' E$

47 Through timber.

70. 1.50 Cross Winalow road course NE.

30.00 Descend into West Cheron creek
 course NE.

45.39 Set a limestone $30 \times 10 \times 4$ ins 23 ins
 in the ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ on N. face from which

An oak 8 ins. diam bears $N. 55^{\circ} E$ 19 lks
 dist. marked $\frac{1}{4}$ S.B.F.

No other trees within limits.

48.50 Bottom

49.05 Creek 15 lks wide course NE

Exterior Boundaries T. 13 N. R. 14 E.

Chains

and turns E. 5 chs North.

- 50.00 Ascend bank of creek
 66.50. Top of bank and along south bank
 of creek
 79.50. Cross gulch course N.E
 85.39 Set a limestone 14x10x4 ins 10 ins
 in the ground for cor to Secs 5-6, 31
 & 32. marked with 5 notches on E and
 1 notch on W. face ^{edges}

From which

A pine 8 ins diam bears S. 4° E. 104 lks
 dist. marked T. 13 N. R. 14 E. S. 5 B. T.

A pine 6 ins diam bears N 30° W. 85 lks
 dist. marked T. 14 N. R. 14 E. S. 31 B. T.

A pine 20 ins diam. bears N 63° E 63 lks
 dist. marked T. 14 N. R. 14 E. S. 32 B. T.

A pine 4 ins diam bears S. 61° 30' W. 22 lks
 dist. marked T. 13 N. R. 14 E. S. 6 B. T.

Exterior Boundary T. 13. N. R. 14 E
Chains

Land rough and broken.

Soil, worthless.

Timber pine and cedar 85-39 chs.
Heavily timbered land 85-39 chs.

S. 89° 58' 6" on a true line bet Secs 5 & 32

Pa. 13° 49' E

Through timber.

3.00 Gulch course NW.

5.00 Gulch course NW.

40.00 A limestone in place 20 x 18 ins
12 ins. above ground which I mark
X at exact Cor. point. and 1/4
on N face for 1/4 Sec Cor.

From which

A pine 18 ins. diam bears N 71° W.
18 lbs dist. marked 1/4 S.B.T.

A pine 19 ins diam bears S. 27° E
27 lbs dist. marked 1/4 S.B.T.

U. S. Surveyor-General's Office,

TUCSON, A. T., August 9, 1895-

The foregoing Field Notes of the Surveys of
 Exterior lines of
 Townships 13, 14, 15 & 16
 North Ranges 14 & 15 East
 of the Gila and Salt River Meridian
 in Arizona executed by
 Philip Cortzow,
 U. S. Deputy Surveyor, under his contract dated
 February 10th 1893.
 having been critically examined, the necessary correc-
 tions and explanations made, the said Field Notes and
 the surveys they describe are hereby approved.

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