

No. 2

BOOK 1335

Exteriors.

E. Body. of T. 4 N. - R. 3 E.

E. Body. T. 5 N. - R. 2 E.

N. " " " "

E. Body. - T. 5 N. - R. 3 E.

N. Body. " " "

4-671

FIELD NOTES

GENERAL LAND OFFICE.

1335

INDEX. Tps. 4 & 5 N. R. 3 E.

	³¹	³²	³³	³⁴	³⁵	³⁶	
1	22	47	49	50	51	52	54
		6	5	4	3	2	1
							43
							6
							+
12	21						12
							7
							42
							7
							+
13	20						13
							18
							41
							18
							+
							+
24	18						24
							19
							39
							19
							+
							+
25	17						25
							30
							38
							30
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							+
36	16						36
							31
							37
							31
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							1
							9
							6
							+
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							12
							8
							7
							+
							+
							13
							7
							18
							+
							+
							24
							5
							19
							+
							+
							25
							4
							30
							+
							+
							36
							31

T. 5 N. - R. 3 E.

1st Stand Parallel North

T. 4 N. - R. 3 E.

2

INDEX.

T. 5 N. - R. 2 E.

	31	32	33	34	35	36	
25	26	28	29	31	32		
6	5	4	3	2	1	22	6
						+	
					12	21	7
						+	
					13	20	18
						+	
					24	18	19
						+	
					25	17	30
						+	
					36	16	31
						+	

East Boundary of T. 4 N. R. 3 E.

Survey commenced January 25, 1894

From the Cor. to Tps. 3 & 4 N. R. 3

3 & 4 E. Town

North Sect. Secs. 31 & 36

Na. $13^{\circ}40' E.$

Over level land

40.00 Set a stone $12 \times 10 \times 5$ ins 8 ins in
the ground for $\frac{1}{4}$ Sec. Cor. Mk'd. $\frac{1}{4}$ in
W. face. Dug pits $18 \times 18 \times 12$ 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.

80.00 Set a stone $14 \times 7 \times 6$ ins 9 ins in
the ground for cor. to Secs. 30, 31
25, 36. Mk'd. with 1 notch on S.
and 5 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

East. Boundary of

of earth 2 ft high $4\frac{1}{2}$ ft base
alongside

Land level

Soil 1st rate - loam

No timber

Brush whole distance

North Sect. Sec. 25 & 30

Co. 13th 40' E.

Over level land

18.35 Road, bears N. 15° E.

32.00 Sheep ranch Station, & Corral
about 10 chs. W.

40.00 Set a stone $15 \times 10 \times 9$ ^{ins} 10 ^{ins}
in the ground for $\frac{1}{4}$ Sec. Cor.
Inkd. $\frac{1}{4}$ on W. face, Dig pits 18
 $\times 18 \times 12$ ins. N. & S. of Stone $5\frac{1}{2}$ ft
dist. and raised a mound of

F. 4 N. R. 3 E.

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

80.00 Set a stone $12 \times 9 \times 9$ ^{ins} 8 ^{ins} in the
ground for Cor. to Secs. 19, 24, 25, 30
Wkd, with 2 notches on S. and 4
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 base alongside.

Land level

Soil 1st rate

Brush whole distance

North bet. Secs. 19 & 24

Na. $13^{\circ}40'$ E.

Over level land and enter
dense brush.

40.00 Set a stone $16 \times 9 \times 6$ ^{ins} 11 ^{ins} in the

East Boundary of

ground for $\frac{1}{4}$ Sec. cor. Wkd. $\frac{1}{4}$
 on W. face, dug pits $18 \times 18 \times 12$ 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.

80.00 Set a stone $14 \times 8 \times 6$ ins 12 ins in
 the ground for Cor. to Secs. 13.
 18. 19. 24, Wkd. with 3 notches
 on N. & S. 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 base
 alongside.

Land level

Soil 1st rate

No timber

Undergrowth dense for 80.00 Chs.

T. 4 N. R. 3 E.

North bet. Secs. 13 & 18

Va. $13^{\circ}40'E$.

Over level land

10.85 Road bears E. & W.

40.00 Set a post 3 ft long 3 ins. sq. with notched stone 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. Notched $\frac{1}{4}$ S on W. face, 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 around post.

40.50 A road, bears N. E.

64.80 A road, bears N. $30^{\circ}E$.

80.00 Set a stone $12 \times 10 \times 7$ ins 8 ins in the ground for Cor. to Secs. 7, 12, 13, 18, Notched 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

East Boundary of
 Mound of earth 2 ft high $4\frac{1}{2}$
 ft. base alongside
 Land level
 Soil 1st rate
 No timber
 Dense undergrowth 80.00 Chs.

North bet. Secs. 7 & 12
 Va. $13^{\circ}40'E$.

Over level land

22.00 Leave dense brush

40.00 Set a post 3 ft Long 3^{ins} sq.
 with mld. Stone 12^{ins} in the
 ground for $\frac{1}{4}$ Sec. Cor. mld.
 $\frac{1}{4}$ S on W. face, dug pits 18 x
 18 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

J. 4 N. R. 3 E.

around post.

80.00 Set a stone $12 \times 9 \times 8$ ins 8 ins in
the ground for cor. to secs. 1, 6, 7,
12, mkd. 5 notches on S. and
1 notch on N. edges. Dig 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 base
alongside.

Land level

Soil 1st rate

No timber. Brush whole dist.

Dense undergrowth 22.00 Chs.

North bet. Secs. 1 & 6

Na. $13^{\circ}40'E$.

Poor level land

9.00 Enter dense brush

East Boundary of

15.00 Leave Same

40.00 Set a post 3 ft long 3^{ins} sq. with Mked. Stone 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. Mked. $\frac{1}{4}$ S. on W. face, dug pits 18 x 18 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.

At 80.00 Chs. I set a temporary Closing Cor. & flag. I search diligently with my whole party, but can find no trace of old corner, which is described as a "marked stone in a mound of earth," in notes of original Survey furnished me from Sur. General's office. The soil being a loose sandy

J. 4 N. R. 3 E.

loam, range cattle and rains
have long since obliterated it.

After re-establishing the 1st
Standard Parallel north in
Range 3 E. I found the inter-
section of my line with said
Standard Parallel to be at

71.30

Set a Stone 15 x 10 x 6 ^{ins} 10 ^{ins}
in the ground for closing Cor. to
Tp. 4 N. R. 3 & 4 E. 660 Chs. W.
of Standard Cor., marked with 6
notches on E. W. & S. faces and
C. C. Dig pits 24 x 18 x 12 ^{ins}
crosswise in each line E. W. & S.
6 ft. dist. and raised a mound
of earth 2 1/2 ft high 5 ft base
alongside.

Land level

Soil 1st rate

12

East Boundary of

No timber

Bush whole distance.

January 25th 1894.

J. H. N. - P. & E.

Latitudes, Departures, & Closing errors.

Lines designated as	True bearing.	Distance	Latitudes		Departures	
			N.	S.	E.	W.
N. Boundary	North	471.50	471.50			
N. Boundary	East	478.63			478.63	
E. Boundary	South	471.30		471.30		
S. Boundary	West	478.32				478.32
Convergence					.49	
			471.50	471.30	478.52	478.32
			471.30		478.32	
			Error in Lat. = .20		.20 = Error	

East Boundary of T. 4 N., R. 3 E.General Description

This Township is in general a level plain with detached and isolated mountains rising from it to a height of about 500 ft. to 1000 or 1200 feet. Lands lying between them are rich, and with irrigation will produce bountiful harvests. Gold and silver ores crop out in many places, but the Union Mine in Sec. 21 is the only one being worked at present. The whole township is covered with a growth of various kinds of brush from 3 to 15 feet high. No timber.

James H. Martineau
U. S. Deputy Surveyor

Jan. 16, 1894

East Boundary of
Survey commenced
Feb. 7. 1891

From the Standard Cor. to Sp. 5-
N. R. 2 & 3 E. I run

North bet. Secs. 31 & 36
Va. $13^{\circ}40'E$.

Ascend slope of mountain
40.00 Set Stone $12 \times 12 \times 10$ ins 8 ins in the
ground for $\frac{1}{4}$ Sec. Cor. Marked $\frac{1}{4}$ on
N. face. Dug pits $18 \times 18 \times 12$ ins N. &
S. of Stone $5\frac{1}{2}$ ft. dist. & raised
a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base alongside.

80.00 Set Stone $11 \times 10 \times 9$ ins 9 ins in
the ground for cor. to Secs. 30. 31
25. 36 marked 1 notch on S. and 5
notches on N. edges, and raised a

T. 5 N., R. 2 E.

ground of stones $1\frac{1}{2}$ ft high 2 ft
base alongside. Pits impracticable.

Land broken and mountainous

Soil F rate

No timber.

Dense undergrowth & mountainous
80.00 Chas.

North bet. Secs. 25 & 30

Na. $13^{\circ}40'$ E.

Over mountainous land.

To avoid rocky point of Mt. I
offset 10.00 Chs. W., and run N.
40.00 Chs. then offset East 10.00
Chs. to line, and

40.00 Set Stone $20 \times 14 \times 10$ ^{ins} 15 ^{ins} in
the ground for $\frac{1}{4}$ Sec. Cor. Mk'd.
 $\frac{1}{4}$ on W. face, and raised a

East Boundary of

Mound of Stones $1\frac{1}{2}$ ft high 2 ft
base alongside. Pits impracticable.
Thence along W. slope of
mountain.

8000

Set a stone $18 \times 10 \times 9$ ^{ins} 12 ^{ins}
in the ground for cor. to Secs. 19
24, 25, 30. mkd. with 2 notches on
S. and 4 notches on N. edges,
and raised a mound of stones
 $1\frac{1}{2}$ ft high 2 ft base alongside.
Pits impracticable.

Land Mountainous

Soil 4th rate - stony
no timber

Mountainous & brushy 8000 Chs.

North bet. Secs. 19 & 24

Va. $13^{\circ}40'E$.

J. S. R. R. 2 E.

4000 Over mountainous land, & brush
 Set a stone $14 \times 10 \times 8$ ins 9 ins in the
 ground for $\frac{1}{4}$ sec. Cor. Marked $\frac{1}{4}$ on
 W. face. Dug pits $18 \times 18 \times 12$ 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.

79.00 A dry wash 50 fms. wide, course S. 75° W.

80.00 Set a stone $15 \times 10 \times 8$ ins 10 ins in the
 ground for cor. W. Secs. 13, 18, 19, 24
 Marked with 3 notches on N. & 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 alongside. On
 N. side of dry wash, course
 S. 80° W.

Land broken and crusty
 Soil Fertile.

East Boundary of
No timber

North Sect. Secs. 13 & 18

Pa. $13^{\circ}40'E$.

Over land nearly level

40.00 Set a stone $12 \times 12 \times 5$ ins 8 ins
in the ground for $\frac{1}{4}$ sec. Cor.
Mkd. $\frac{1}{4}$ on W. face. Dig pits $18 \times$
 18×12 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.

80.00 Set a stone $15 \times 10 \times 7$ ins 10 ins
in the ground for cor. to Secs. 7
12. 13. 18. Mkd. with 4 notches on
S. and 2 notches on N. edges. Dig
pits $18 \times 18 \times 12$ ins. in each Sec.
 $5\frac{1}{2}$ ft dist, and raised a

J. 5th R. 2 E,

mound of earth 2 ft high $4\frac{1}{2}$ ft
base alongside.

Land broken, slopes S.

Soil 3rd rate - stony

In timber

North bet. Secs. 7 & 12

Va. $13^{\circ}40'$ E.

Over broken land

40.00 Set a stone $16 \times 12 \times 6$ ^{ins} 11 ^{ins} in
the ground for $\frac{1}{4}$ Sec. Cor. Wkd.
 $\frac{1}{4}$ on W. face, dug pits $18 \times 18 \times 12$ ^{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.

80.00 Set a stone $12 \times 8 \times 7$ ^{ins} 8 ^{ins} in
the ground for cor. to Secs. 1, 6, 7
12, Wkd, with 5 notches on S. and

East Boundary of

1 Swatch on N. edges. Dug pits
 $18 \times 18 \times 12$ ^{ins} in each sec. $5\frac{1}{2}$
 ft. dirt, and raised a mound
 of earth 2 ft high $4\frac{1}{2}$ ft base
 alongside.

Mountainous and broken ground.

Soil 3 rate - stony

No timber

North Lot, Sec. 1 & 6

Va. $13^{\circ}40'E$.

Over mountainous land

- 2.00 foot of steep Mt. 200 ft high
 7.00 Top of same, and descend
 15.00 Top of ridge, bears nearly W.
 22.00 Gully, course S.E. then
 30.00 Ascend steep mountain side.
 40.00 Set a stone $18 \times 12 \times 12$ ^{ins} 12 ^{ins}

F. 5 N. R. 2 E.

in mound of stones for $\frac{1}{4}$ sec.
 Cor. Mk'd. $\frac{1}{4}$ on N. face, & raised
 a mound of stones $1\frac{1}{2}$ ft high
 2 ft base alongside. Pits
 impracticable.

68.00 Top of high ridge 1000 feet
 above the valley, & descend N.

80.00 Set a stone $18 \times 12 \times 10$ in
 mound of stones for cor. to Sps.
 5 & 6 N. R's 2 & 3 E. marked
 with 6 notches on N. S. E. & W.
 edges, and raised a mound
 of stones 2 ft high 3 ft base
 alongside. On N. slope of
 mountains.

Low mountains

Soil 3rd rate - stony

No timber

Mountains 80.00 Chs.

Feb. 7, 1894

North Boundary of T. 5 N. R. 2 E.

Feb. 20, 1894

From the Cor. to Tps. 5 & 6 N.
R's 2 & 3 E. I run West on a
random line setting temporary
corners at each 40 and 80 Chains,
and at 479.80 Chs. intersect
West boundary line 1.15 Chs.
N. of Township Cor. The falling
is 19 lbs per mile and the return
course is N. $89^{\circ}52'E$.

From the cor. to Tps. 5 & 6
N. R's 1 and 2 E. I run

N. $89^{\circ}52'E$. on a true line
bet. Secs. 6 and 31

Var. $13^{\circ}40'E$.

Over level land

39.80 Set a stone $15 \times 10 \times 7$ ^{ins} _{ins} 10 ^{ins} in
the ground for $\frac{1}{4}$ Sec. Cor. Int'd.

North Boundary of

$\frac{1}{4}$ on N. face and raised a mound of stones $1\frac{1}{2}$ ft high 2 ft. base alongside. Pits impracticable.

79.80

Set a stone $20 \times 12 \times 12$ ^{ins} 15 ⁱⁿ in the ground for cor. to Secs. 5, 6, 31, 32, mkd. 1 notch on W. & 5' notches on E. edges and raised a mound of stones $1\frac{1}{2}$ ft high 2 ft base alongside. Pits impracticable.

Land level

Soil 3rd rate - stony
No timber.

N. $89^{\circ}52'E$. on a true line

bet. Secs. 5 & 32

N. $13^{\circ}40'E$.

F. S. N. R. 2 E.

Over level land

4000 Set a stone $12 \times 10 \times 9$ ins 8 ins
in the ground for $\frac{1}{4}$ Sec. Cor.

Mkd. $\frac{1}{4}$ on N. face, and raised a
mound of stones $1\frac{1}{2}$ ft. high 2 ft
base alongside. Pits impracticable.

8000 Set a stone $13 \times 9 \times 6$ ins 8 ins in
the ground for Cor. to Secs. 4, 5.

32, 33, mkd. with 2 notches on W.
and 4 notches on E. edges, dug
pits $18 \times 18 \times 12$ ins in each Sec.

$5\frac{1}{2}$ ft dist, and raised a
mound of earth 2 ft high $4\frac{1}{2}$
ft. base alongside.

Land level

Soil 3 rate, - Stony
in timber.

North Boundary of

N. $89^{\circ}52'8$. on a true line
bet. Secs. 4 and 33

(Va. $13^{\circ}40'8$.)

Over level land

- 3.40 A dry wash 30 cks wide
Course $S. 15^{\circ} W.$
- 40.00 Set a stone $12 \times 8 \times 6$ ^{ins} 8 ins. in
the ground for $\frac{1}{4}$ Sec. Cor. Mk'd.
 $\frac{1}{4}$ on N. face, and raised a
mound of stones $1\frac{1}{2}$ ft high 2 ft
base alongside. Pit's imprac-
-licable
- 45.00 Begin to ascend S. Slope of Mt.
thence along S. slope.
- 80.00 Set Stone $14 \times 10 \times 9$ ^{ins} 9 ^{ins} in the
mound of stones for cor. to Secs.
3.4.33.34, Mk'd. with 3 notches
on E. & W. edges and raised a
mound of stones $1\frac{1}{2}$ ft high 2 ft

F. 5 N. R. 2 E.

Base alongside. Near top of
mountain 500 feet above last
Cor.

Land 1st 45. Chs. level, last
35. Chs. Mountainous.

Soil 2nd and 5th or at

No timber

N. 89° 5' E. on a true line
bet. Secs. 3 & 34

N. 13° 40' E.

Along side of mountain

8.00 point of mt. and descend.

27.00 point of ridge, bears N. W.
and descend along N. slope.

40.00 Set a stone 13 x 9 x 7 ins 8 ins
in a mound of stones for 1/4
Sec. Cor. Mk'd. 1/4 on N. face,

North Boundary of

and raised a mound of stones
 $1\frac{1}{2}$ ft high 2 ft base alongside.
 Pits impracticable.

50.00 Foot of mountain, thence
 over gently ascending land.

59.20 Road from Phoenix to Prescott
 bears $N. 15^{\circ} W.$

80.00 Set a stone $15 \times 9 \times 5$ - ins 10 - ins
 in the ground for Cor. to Sec. 2
 $3.34.35$ - mtd, with 4 notches on
 W. and 2 notches on E. edges,
 and raised a mound of stones
 $1\frac{1}{2}$ ft high 2 ft base alongside.
 Pits impracticable.

Land 50.00 Chs. Mountainous.
 Soil 5th rate - stony
 No timber.

F. 5-9, R. 2 E,

N. $89^{\circ}52'E$, on a true line

bet. Secs. 2 and 35-

N. $13^{\circ}40'E$

Over broken, mountainous land.

40.00 Set a stone $15 \times 8 \times 7$ ^{ins} 10 ^{ins} in
ground for $\frac{1}{4}$ Sec. Cor. Mkd.
 $\frac{1}{2}$ on N. face, and raised a
mound of stones $1\frac{1}{2}$ ft high 2
ft base alongside. Pits
impracticable.

72.10 Right bank of dry wash
course S.W.

74.60 Left bank of same wash.

80.00 Set a stone $18 \times 12 \times 12$ ^{ins} 12 ^{ins}
in the ground for Cor. to Secs.
1, 2, 35, 36, Mkd. 5 notches
on W. and 1 notch on E. edges
and raised a mound of
stones $1\frac{1}{2}$ ft high 2 ft base

North Boundary of
 alongside. Pits impracticable
 Land mountainous & brushy
 80.00 Chains.

Soil 4th rate - rocky.
 No timber.

N. $89^{\circ} 5' 2''$ E. on a true line
 bet. Secs. 1 & 36
 Va. $13^{\circ} 40' E.$

Over mountainous land

4.00

foot of steep ascent.

8.60

Top of same and descend.
 Thence along N. slope of high
 Mountain.

40.00

Set a stone $12 \times 12 \times 11$ ins in
 a mound of stones for $\frac{1}{4}$ Sec.
 Cor. Inkd. $\frac{1}{4}$ on N. face, and
 raised a mound of stones $1\frac{1}{2}$

J. S. N. R. 2 E.

ft high 2 ft base alongside.
Pits impracticable.

8000

The cor. W Sps. 5 & 6 N. R. 10
2 & 3 E.

Land mountainous 8000 chs.

Soil 5th rate - rocky

No timber.

Feb. 20th 1894.

North Body. J. S. N. R. 2 E.

Latitudes, Departures and Closing errors.

Lines designated as	True bearing	Distance	Latitudes		Departures	
			N.	S.	E.	W.
N. Boundary	North	480.00	480.00			
N. Boundary	N. 89° 32' E.	479.80	1.10		479.80	
E. Boundary	South	480.00		480.00		
S. Boundary	West	480.26				480.26
Convergence					49	
			481.10	480.00	480.29	480.26
			480.00		480.26	
			1.10 = Error.		.03	= Error

N. Boly. T. 5- N. 1 R. 2 E.

General Description.

This Township is generally level with detached groups of mountains scattered over it.

Some of which rise to a height of about 1200 or 1500 feet above the plain. The soil is of 2nd rate quality covered with loose malpais stone in the north and central parts, with much 1st rate land here and there, the whole being covered with brush and shrubs from 2 to 15 ft high. The general elevation of the plain, by barometer, is about 2000 feet above sea level

J. H. Martineau
U. S. Dep. Sur^r

East Boundary of T. 5ⁿ. R. 3 E.

Survey commenced Feb^y 6th 1894

From the Standard Cor. to 2^{ds}.

5ⁿ. R. 3 & 4 E. Town

North bet. Secs. 31 & 36

Na. $13^{\circ}40'E$.

Over level land

- 8.00 Enter dense brush
- 13.20 Wash, course S.W.
- 40.00 Set a stone $16 \times 10 \times 8$ ins 11 ins in the ground for $\frac{1}{4}$ sec. Cor. Nkd, $\frac{1}{4}$ on N. face. Dug pits $18 \times 18 \times 12$ ins N. & S. of stone $5\frac{1}{2}$ ft. dirt, and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside. (In a thick patch of brush.)
- 50.70 A dry wash, course S.W.
- 65.45 Road, bears N. E.
- 72.00 Leave dense brush
- 80.00 Set a stone $18 \times 14 \times 7$ ins 12 ins in the ground for cor. to Secs. 30, 31, 35, 36,

East Boundary of

Mkd. 1 notch on S. and 5 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 alongside.

Land level

Soil 1st rate

No timber.

Dense undergrowth 64.00 Chs.

North bet. Secs. 25 & 36

Va. $13^{\circ}40'E$.

Over level brushy land

4.00 Enter dense brush.

40.00 Set a stone $12 \times 10 \times 5$ ^{ins} 8 ^{ins} in the ground for $\frac{1}{4}$ Sec. Cor. Mkd. $\frac{1}{4}$ on W. face, dug pits $18 \times 18 \times 12$ ^{ins} N. & S. of Stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $\frac{1}{2}$ ft high

T. 5 N. R. 3 E.

3 1/2 ft base alongside. In S. edge
of Small Wash; course S. 80° W.
80.00 Set a stone 15 x 11 x 6^{ins} 10^{ins} in the
ground for cor. to Secs. 19, 24, 25, 30,
mkd. 2 notches on S. and 4 notches 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 alongside.

Land level

Soil 1st rate

No timber

Dense undergrowth 76.00 Chs.

North Sect. Secs. 19 & 24

Va. 13° 40' E.

Over level land, and dense brush.

40.00 Set a stone 14 x 12 x 8^{ins} 10^{ins} in the
ground for 1/4 Sec. Cor. Mked. 1/4 on W.

East Boundary of
face, dug pits $18 \times 18 \times 12$ 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. In S edge of small
wash. Course S. 45° W.

52.80 Water pipe to Union Mine, leads
N. E. & S. W.

55.00 Leave dense brush.

71.90 Dry wash, course S. W.

80.00 Set a stone $14 \times 10 \times 9$ ins 9 ins in
the ground for cor. to Secs. 13, 18,
19, 24, mkd. 3 notches on N. & S.
edges, dug pits $18 \times 18 \times 12$ ins in
each sec. $5\frac{1}{2}$ ft dist. & raised a
mound of earth 2 ft high $4\frac{1}{2}$ ft base along
-side.

Land level

Soil 1st rate

No timber

J. S. N. R. 3 E.

Dense undergrowth 55.00 Chs.

North bet. Secs. 13 & 18

Na. $13^{\circ} 40' E.$

Over level land

- 4.60 Road, bears N. $20^{\circ} E.$
- 9.00 Enter dense brush.
- 40.00 Set a stone $18 \times 12 \times 10$ ins 12 ins in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on W. face, dug pits $18 \times 18 \times 12$ 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.
- 58.40 Wash, course S. W.
- 75.80 Road, bears N. E.
- 78.50 Dry wash, course S. $85^{\circ} W.$
- 80.00 Set a stone $17 \times 11 \times 9$ ins 11 ins in the ground for Cor. to Secs. 7, 12, 13, 18
Marked 4 notches on S. and 2 notches on

East Boundary of

N. edges, Dig pits $18 \times 18 \times 12$ ins in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft high $4\frac{1}{2}$ ft. base alongside. Leave dense brush.

Land level

Soil 1st rate

No timber

Dense undergrowth y. or chs.

North bet. Secs. 7 & 12

Na. $13^{\circ}40'E$.

Over level land

13.25

Road, bears N. E.

40.00

Set a stone $14 \times 12 \times 7$ ins 9 ins in the ground for $\frac{1}{4}$ sec. Cor. Wkd. 4 on N. face. dig pits $18 \times 18 \times 12$ ins N. & S. of stone $5\frac{1}{2}$ ft dist. and raised a mound of earth $1\frac{1}{2}$ ft

J. S. H. R. 3 E.

High $3\frac{1}{2}$ ft base alongside.

60.80 Begin to dis end into Cave Creek
bottom.

80.00 Set a stone $15 \times 12 \times 11$ ^{ins} 10 ^{ins} in the
ground for cor. to Secs. 1, 6, 7, 12
Mkd. 5 notches on S. and 1 notch
on N. edges. Dig pits $18 \times 18 \times 12$ ^{ins} in
each sec. $5\frac{1}{2}$ ft dist. and raised a
mound of earth 2 ft high $4\frac{1}{2}$ ft
base alongside. On S. bank of
Cave Creek Wash.

Land level

Soil, 1st 40 chs. 1st rate. Last 40 chs
4th rate

No timber

North bet. Secs. 1 & 6

Na. $13^{\circ}40'E$.

Over very stony ground.

East Boundary of

- 4.40 N. Bank of Cave Creek Wash
- 40.00 Set a stone $13 \times 10 \times 7$ ins 8 ins in the ground for $\frac{1}{4}$ Sec. Cor. Mk'd. $\frac{1}{4}$ on N. face. and raised a mound of stones $1\frac{1}{2}$ ft high 2 ft base alongside. Pits impracticable.
- 60.30 Road, bears E.
- 61.70 Road, bears E.
- 70.00 Begin to ascend slope of Mt.
- 80.00 Set a stone $20 \times 10 \times 4$ ins in a mound of stones for cor. to Tps. 5 & 6 N. R's 2 & 3 E. Mk'd. with 6 notches on N. S. E. & W. edges, and raised a mound of stones $1\frac{1}{2}$ ft high 2 ft base alongside. Pits impracticable.
- Land generally level
Soil 3^d rate - stony

T. S. N. R. 3 Co.

No timber

February 6th 1894

North Boundary of J. S. N. R. 3 E.

Survey commenced February
8th 1894.

From the cor. to Tps. 5 & 6 N.
R's 3 & 4 E. I run

West on a random line, setting
temporary corners at every 40 and
80 chains, and at 5 miles 79.86
Chs. I intersect the west
boundary line 44 lks N. of Cor.
to Tps. 5 & 6 N. R's 2 & 3 E. The
falling is 7 lks per mile and
the return course will be
N. 89° 57' E.

From the cor. to Tps. 5 & 6 N.
R's 2 & 3 East I run

N. 89° 57' E. on a true line

bet. Secs. 6 & 31

Var. 13° 40' E.

North Boundary of

Over mountainous land at first, then level.

39.86 Set a stone $15 \times 10 \times 10$ ^{ins} 10 ^{ins}
 in the ground for $\frac{1}{4}$ sec.
 cor. Mk'd. $\frac{1}{4}$ on N. face, and
 raised a mound of stones $1\frac{1}{2}$
 ft high 2 ft base alongside.
 No pits.

62.00 Foot of Mountain, then level.

79.86 Set a stone $18 \times 10 \times 6$ ^{ins} 12 ^{ins}
 in the ground for cor. to sec.
 5. 6. 31. 32. Mk'd. with 1 notch
 on W, and 5 notches on E.
 edges. dug pits $18 \times 18 \times 12$ ^{ins}
 in each sec. $5\frac{1}{2}$ ft dirt.
 and raised a mound of
 earth 2 ft high $4\frac{1}{2}$ ft base
 alongside.

Land last 17.86 chs. level

J. S. N. 1 R. 3 E.

62.00 chs. mountamers

Soil in bottom land 1st rate

$\frac{1}{2}$ w timber

N. $89^{\circ} 57' E$. Sect. Secs. 5
and 32.

N. $13^{\circ} 40' E$.

Over rolling land

40.00

Set a stone $12 \times 12 \times 8$ ins 8 ins
in the ground for $\frac{1}{4}$ Sec. Cor.

Mkd. $\frac{1}{4}$ on N. face. Suggits
 $18 \times 18 \times 12$ ins E. & 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
alongside.

80.00

Set a stone $11 \times 8 \times 6$ ins 7 ins, in
the ground for Cor. to Secs. 4, 5,
32. 33 Mkd. with 2 notches on W.

North Boundary of

and 4 notches on E. edges,
dug pits $18 \times 18 \times 12$ ins in each
Sec. $5\frac{1}{2}$ ft. dist. and raised a
mound of earth $2\frac{1}{2}$ ft high
 $4\frac{1}{2}$ ft base alongside.

Land rolling, slopes S.

Soil 2nd rate

No timber

N. $89^{\circ} 57' E$. Sect. Secs. 4 & 33

Va. $13^{\circ} 40' E$.

Over nearly level land

4000 Set a stone $13 \times 12 \times 4$ ins
 8 ins in the ground for $\frac{1}{4}$ sec.
Cor. $\frac{1}{4}$ on N. face, dug
pits $18 \times 18 \times 12$ ins E. & W. of
stone $5\frac{1}{2}$ ft dist. and raised
a mound of earth $1\frac{1}{2}$ ft high

J. S. R. & E.

3 1/2 ft base alongside

80.00

Set a stone 13 x 10 x 7^{ins} 8^{ins} in
the ground for Section Cor. to
Secs. 3, 4, 33, 34 ^{mkd.}, with 3 notches
on E. & W. edges, dug pits 18 x 18 x
12^{ins} in each sec. 5 1/2 ft dist,
and raised a mound of earth
2 ft high 4 1/2 ft base alongside.

Land slopes South

Soil F rate - gravelly

No timber

N. 89° 57' E, on a true line
bet. Secs. 3 & 34

Var. 13° 40' E.

Over land slopes South

40.00

Set a stone 12 x 11 x 8^{ins} 7^{ins} in
the ground for 1/4 Sec. Cor. ^{mkd.},
1/4 on N. face. Dug pits 18 x 18 x 12^{ins}

North Boundary of
 E. & 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
 alongside.

80.00 Set a Stone $12 \times 7 \times 6$ ^{ins} 8 ^{ins}
 in the ground for Cor. to Secs.
 2, 3, 34, 35, mkd. with 4
 notches on W. and 2 notches on
 E. edges, dug pits $18 \times 18 \times 12$ ^{ins}
 in each Sec. $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth 2 ft
 high $4\frac{1}{2}$ ft base alongside.

Land Slopes South
 Soil 3^d rate - Stony
 No timber

N. $89^{\circ} 54' E.$ on a true line
 bet. Secs. 2 & 35

J. S. H. R. 3 E.

Va. $13^{\circ}40'E$.

11.20 A dry wash, course S.

40.00 Set a stone $15 \times 10 \times 9$ ins 10 ins in the ground for $\frac{1}{4}$ Sec. Cor. Mk'd. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins E. & 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 alongside. Under a Palo verde shrub.

78.90 Dry wash 10 ft deep 40 lbs wide course S.

79.50 Leave wash hollow, and top of mesa. Thence along S. slope of mt.

80.00 Set a stone $17 \times 8 \times 8$ ins 12 ins in the ground for Cor. to Secs. 1, 2, 35, 36. Mk'd. with 5 notches on W. and 1 notch on E. edges, and raised a mound of stones $1\frac{1}{2}$ ft high 2 ft base alongside. Pits

5-4

North Boundary of
 impracticable
 Land rough and broken
 Soil 4th rate - stony
 No timber

N. $89^{\circ} 57' E$, on a true line
 bet. Secs. 1 & 36

Na. $13^{\circ} 40' E$.

Over S. Slope of Mt. 1000
 feet high.

30.40 A road, bears N. $80^{\circ} W$.

40.00 Set a stone $18 \times 10 \times 8$ ins
 12 ins in the ground for $\frac{1}{4}$
 Sec. Cor. Mkd. $\frac{1}{4}$ on N. face
 dug pits $18 \times 18 \times 12$ ins E. & W.
 of Stone $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth
 and stones $1\frac{1}{2}$ ft high $3\frac{1}{2}$

F. 5-N. R. 3 E.

ft. base alongside

Sec. 20 The cor. to Tps. 5 & 6 N.

R's. 3 & 4 E.

Land mountainous

Soil 4th rate - stony

No timber,

Mountainous Sec. 20 Chs

February 8th 1894

Latitudes. Departures and Closing Error.

Line designated as	True Bearing	Distance	Latitudes		Departures	
			N.	S.	E.	W.
N. Boundary	North	480.00	480.00			
N. Boundary	N 89° 54' E.	479.86	.42		479.86	
E. Boundary	Sea B.	480.00		480.00		
S. Boundary		480.23				480.23
Convergence		0.159			.49	
			480.42	480.00	480.35	480.23
			480.00		480.23	
		Error	= 0.42		0.12	= Error

General Description.

This Township is generally a level plain with isolated mountains rising abruptly from it. The land between these is excellent farm land, needing only irrigation to make it very productive. The entire township is covered with a growth of shrubs or undergrowth brush from 3 to 15 ft in height, with a few scattering mesquites, palo verde and other shrubs. At the N. E. Cor. indications of silver.

James H. Martineau
U. S. Deputy Surveyor

U. S. Surveyor-General's Office,

TUCSON, A. T., *Jan 28* 1895.

The foregoing Field Notes of the Surveys of
Exterior b'dys of Twp. 4 N. R. 3 E.

To " " *5 N. R. 2 E.*

" " " *5 N. R. 3 E.*

of the — *Gila and Salt River Meridian*
in — *Arizona* — *executed by*

James H. Martineau

U. S. Deputy Surveyor, under his contract dated

June 21st 1893.

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

Geo. H. Manning

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