

7th Standard
Copied
Carr
W.H.

Sent to Genl. L.O. Field
1892
Approved March 18th 1892.

BOOK 1262

No. 1262

4-671

BOOK 1262

1262

FIELD NOTES

GENERAL LAND OFFICE

of the survey
of the

7th Standard Parallel
through Ranges 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
Surveyed by John C. Smith
U.S. Dep. Sur.
Under his contract No 16
Dated Nov 1st. 1890.
Survey commenced Aug. 1890
completed June 8. 91

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7th Standard N. through R. 18E. 110-119

" " " " " 19. 211 " 28
 " " " " " 16 29 " 30
 " " " " " 16 " 31 " 44

31	32	R. 15 E.		34	35	36
6	5	4	3	2	1	120

31	32	R. 16 E.		34	35	36
33	35	37	39	41	43	1
6	5	4	3	2	1	

31	32	R. 17 E.		34	35	36
6	5	4	3	2	1	X1

31	32	R. 18 E.		34	35	36
3	6	8	11	14	16	1
6	5	4	3	2	1	

31	32	R. 19 E.		34	35	36
20	22	24	26 X			
6	5	4	3	L	1	

CHAINS. 7th Standard N. through Range 18 E.

At 1st closing cor. to
townships 28th N. R's 17 and
18 E. I take a back sight
on the range line (which was
established by three obser-
vations on Polaris,) and
the exact location of
the township cor. six miles
south, as well as objects
on line farther south can
be seen from this
point which is on the
east slope of a high mesa.
Thence I run east - on
the south boundary of sec.
36.

Pa. $13^{\circ}15'E$.

Descent from mesa.

CHAINS 7th Standard N. through Range 18E.

15,48 Set a sand stone $14 \times 9 \times 4$ ins.
 9 ins. in the ground for
 Standard $\frac{1}{16}$ sec. cor. marked
 S.C. $\frac{1}{16}$ on n. face, dig pits
 $18 \times 18 \times 12$ 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.

33.50

Small trans. n. and s.

35.48

Set a sand stone $13 \times 9 \times 7$ ins.
 8 ins. in the ground for
 Standard Cor. to Tps. 29 n.
 R. 17 and 18E, marked ^{S.C.} with
 6 notches on N.E. and N. faces,
 dig pits $24 \times 18 \times 12$ ins.
 crosswise on each line N.E.
 and W. of stone 6 ft. dist.
 and raised a mound
 of earth $2\frac{1}{2}$ ft. high

7th Standard N. through Range 18E

5 ft. bar alongside.

Surface mountainous

Soil, 4th rate.

Grass fair.

Scattering cedar.

East on the south boundary
of sec. 31.

Pa. $13^{\circ} 15' E$.

Descending

7.00 Wash 190 links wide course S.E.

18.50 Road to Maencopis from N.W. and S.E.

29.00 Set a sandstone $10 \times 10 \times 6$ ins. 7
ins. in the ground for.

1/16 sec. Standard Cor. marked

1/16 S.C. on N. face, dug pits
 $18 \times 18 \times 12$ ins. E. and W. of

about 5th ft. dist. and raised
a mound of earth 1 1/2 ft.

CHAINS. 7th Standard N. through Range 18th

high $3\frac{1}{2}$ ft. bar alongside.
Ascend mesa.

37.00 Trail bears. S.E. and N.W.

42.00 Set a sand stone $9 \times 8 \times 7$ ins.
6 ins. in the ground for
 $\frac{1}{4}$ sec. Standard Cor. marked
S.E. $\frac{1}{4}$ on N. face. clay pit
 $18 \times 18 \times 12$ 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.
bar alongside.

60.00 Set a sand stone $24 \times 12 \times 6$ ins.
18 ins. in the ground for
Standard $\frac{1}{16}$ sec. cor. marked
S.E. $\frac{1}{16}$ on N. face, and
raised a mound of
stone $1\frac{1}{2}$ ft. high 2 ft.
bar alongside.

HAINS. 7th Standard N. through range 18E.

Pits impracticable

69.20 Wash 20 links wide cross st.,
Ascend bluff.

70.00 Top, about 150 ft. high trees.
N. and S.

79.00 East. side of mesa, about 600 ft.
high, descend, trees N. and S.

80.00 Rock in place, 10 x 9 x 5 ft. above
ground, which I marked ^{for stand. cor. to sec. 32} with
a (+) cross at exact cor. point
and S.E. with 1 notch on N.
and 5 notches on E. face,
and raised a mound of
stone 1/2 ft. high 2 ft. base
along side.

Pits impracticable

Surface mountainous
Soil 4th rate

Scattering cedars.

CHAINS. 7th Standard N. through Stand 18.

East on the south boundary
of sec. 32.

Pa. $13^{\circ} 10' E$.

Descending.

24.00 Set a sandstone $10 \times 8 \times 7$ ins. 7
ins. in the ground for $\frac{1}{16}$ sec.
Standard Cor. marked $\frac{1}{16}$ S.C.
on N. face, dug pits 18×18
 $\times 12$ 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.

40.00 Set a sandstone $12 \times 12 \times 4$ ins.
8 ins. in the ground for
Standard $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S.C. on N. face, dug
pits $18 \times 18 \times 12$ 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.

CHAINS. 7th Standard N. through Range 18E.

- 47.00 Small beam. S. 80° W, and $N. 80^{\circ}$ E.
- 55.00 " " S. 75° E. " $N. 75^{\circ}$ W.
- 57.00 " " " " " " " " " "
- 64.00 Set a sand stone, $9 \times 8 \times 7$ ins. 6
ins. in the ground for ^{stand.} $\frac{1}{16}$ sec.
Cor. marked $\frac{1}{16}$ S. C. on N.
face dug pits $18 \times 18 \times 12$ 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 alongside.
- 84.00 Set a sand stone $9 \times 8 \times 7$ ins.
6 ins. in the ground
for Standard Cor. to sec.
32. and 33. marking S. C. with
4 notches on E. and 2 notches
on W. face. dug pits 18×18
 $\times 12$ ins. N. E. and W. of
stone $5\frac{1}{2}$ ft. dist. and
raised a mound.

CHAINS. 7th Standard N. Strong Range 182

of earth 2¹/₂ ft. high 4¹/₂
ft. base along side.

Surface mountainous

Soil 3rd. and 4th rate.

Some grass.

East on 1st south boundary
of sec. 33.

Pa. 13° E.

Descending,

- 8.00 Entire mark cum S. 10° E.
- 9.50 Turn " " "
- 20.00 Set a sand stone 9x8x7 ins,
6 ins. in the ground for
1/16 sec. Standard cor. marked
S.C. 1/16 on N. face, dug
pits 18x18x12 ins. E. and
W. of stone 5 1/2 ft. dist.
and raised a mound

CHAINS. 7th Standard N. through Range 18E.

of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base along side.

8.70 Trail bars, N.W. and S.E.

49.10 Set a sand stone $12 \times 10 \times 5$ ins, 8 ins.
in the ground for 14 sec.
Standard cor. marked 14 on
N. face, dug pits $18 \times 18 \times 12$
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 alongside.

60.00 Set a sandstone $12 \times 10 \times 5$ ins, 8
ins. in the ground for Standard
 $\frac{1}{10}$ sec. cor. marked $\frac{1}{10}$ sec.
on N. face. dug pits $18 \times 18 \times 12$ 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 alongside.

CHAINS. 7th Standard North through Range 18c.

68.20 Trail from N.W. and S.E.

79.00 Wash 45 links wide course S, 80° E,

80.00 Set a sandstone 9x8x7 ins. 6 ins.
in the ground for Standard
Cor. to side, 33 and 34 marking
S.C. with 3 notches on E. and
W. faces. dig pits 18x18x12
ins. N, E. and W. of stone
5 1/2 ft. dist. and raised
a mound of earth
2 ft. high 4 1/2 ft. base along side
Surface rolling
Soil 2nd. rate.
Good grass.

HAINS. 7th Standard N. through Range 18E.

East in the north boundary
of sec. 34.

74. 13° E -

Descend gradually.

15.50 Turn from N.W. and S.E.

20.00 Set a sandstone 9x8x7 ins.
6 ins. in the ground for
Standard $\frac{1}{16}$ sec. cor. marked
 $\frac{1}{16}$ S.E. on N. face -
dug pits 18x18x12 ins.
E. and N. 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.

23.50 Wash 44 links wide course
south. ascend.

40.00 Set a sandstone 12x11x4 ins.
8 ins. in the ground for
Standard $\frac{1}{4}$ sec. cor.

CHAINS. 7th Standard N. Through Range 18^c.

marked S.C. '14 on N. face,
dry pits 18x18x12 ins. E.
and W. of stone 5 1/2 ft.
dist. and raised a
mound of earth 1 1/2 ft.
high 3 1/2 ft. base along side.

49.00 Trail bears N.E. and S.W.

54.00 " " N.W. and S.E.

62.00 Set a sandstone 12x10x8 ins. 8
ins. in the ground for
'16 sec. stand and cor. marked
S.C. '16 on N. face, and
raised a mound of
stone 1 1/2 ft. high 2 ft. base
along side.

Pits impracticable

63.00 Trail bears N.E. and S.W.

64.50 " " " " "

73.70 " " N. " S.

CHAINS. 7th Standard N. through Range 18E.

- 76.08 Trail from N. and S. across
steep mesa slope
- 82.04 Set a sand stone 13x8x6 ins, 8
ins. in the ground for. Stand
and cor. to. nos. 34 and 35.,
marked S.C. with 2 notches
on E. and 4 notches on
N. faces. dug pits 18x18x
12 ins. N.E. and N. of stone
5 1/2 ft. dist. and raised a
mound of earth 2 ft.
high 4 1/2 ft. low along side
Surface nothing.
and rough.
- Soil 3rd. and 4th rate
Grass fair
-

CHAINS. 7th Standard N. Through Range 18E.

East on the south boundary
of sec. 35.

Pa. 13° E.

Ascend

14.00 5 mile tran. N. and S.

20.00 Set a sandstone 14 x 13 x 3 ins. 9
ins. in the ground for Stand.
1/16 sec. cor. marked
S.E. 1/16 on N. face - and
raised a mound of
stone 1 1/2 ft. high 2 ft. face
alongside.

Pit impracticable.

40.00 Set a sandstone 16 x 12 x 5 ins.
11 ins. in the ground for
Stand 1/4 sec. cor. marked
S.E. 1/4 on N. face - and
raised a mound of
stone 1 1/2 ft. high 2 ft.

CHAINS

7th Standard N. through range 18^e.

base alongside.

Pits impracticable.

49.50 Top of mesa beam N.E.
and S.W. 80 ft. high.60.00 A rock 12x4x1 ft. above ground
for standard 46 sec. cor. which
I mark with a cross (+)
at exact cor. point and
1/16 S.E. N. of cross - and
raised a mound of
stone 1 1/2 ft. high 2 ft.
base alongside.

Pits impracticable

79.25 Discard from mesa beam.
S. 20th N.80.00 Set a sandstone 16x9x5 ins. 11
ins. in the ground for
standard cor. to sec. 35
and 36. marked S.E.

CHAINS 7th Standard N. through range 15 E.

with 1 notch on E. and 5
notches on N. face,
and raised a mound
of stone $1\frac{1}{2}$ ft. high
2 ft. base alongside,

Pit impracticable.

Surface mountainous

Soil 4th rate

Scattering cedars.

East on the south boundary
of sec. 36.

Pa. 13° E.

Descend.

2 p.m. At a sand-stone $18 \times 13 \times 4$ in.
12 ins. in. in the ground
for ^{Standard} $\frac{1}{16}$ sec. cor. marked
S.E. $\frac{1}{16}$ on N. face. and
raised a mound of

HAINS. with Standard N. through May 18.

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

Pits impracticable.

About 2 acres of peach
trees south of line 4 chs.

29.50 Fruit trees n. and s.

32.30 Descend into cañon 100 ft. deep.
cross s.

37.00 Leave cañon

42.00 A well $3 \times 2 \times 1$ ft. above ground
in place. for $\frac{1}{4}$ mi. stand and
Cor. which I mark. S.E. $\frac{1}{4}$ and
a cross (+) at exact cor. point
and raised a mound
of stone $1\frac{1}{2}$ ft. high 2 ft.
base alongside.

Pits impracticable.

42.43 Set a sandstone $2 \times 1 \times 4 \times 5$ ins.
15 ins. in the ground for.

CHAINS. 7th Standard N. Through Flange 19E

Closing cor. to Tps. 28 n. R's.
18 and 19E. marked C.C. on
S, with 6 notches on S.E.
and N. face. and raised
a mound of stone $1\frac{1}{2}$ ft.
high 2 ft. base alongside
Pits impracticable.

6 p.m.

Set a sandstone $12 \times 10 \times 5$ ins.
8 ins. in the ground
for $\frac{1}{16}$ sec. Standard cor.
marked S.C. $\frac{1}{16}$ on W.
and raised a mound
of stone $1\frac{1}{2}$ ft. high 2
ft. base alongside.

Pits impracticable.

8 p.m.

Set a sandstone $18 \times 12 \times 6$ ins.
12 ins. in the ground
for Standard Cor. to
Tps. 29 n. R's. 18 and 19

CHAINS. 4th Standard N. through Camp 18 E.

E. marked S.C. with 6 matches
on N. E. and N. faces and
raised a mound of
stone $1\frac{1}{2}$ ft. high 2 ft.
base alongside.

Pits impracticable

Surface mountainous

Dist 4th note.

W. Guss.

CHAINS, 7th Standard N. Struog Range 19th

From the Standard Cor. to
 Sp. 29. N. P's 18 and 19 E,
 I run east on the
 south boundary of sec. 31,
 Pa. 130 E.

Over mountainous country.

20.00

Set a sandstone... 18 X 12 X 4 ins... 12...
 ins. in the ground, for Standard Sec. Cor., marked S.C. 1/16 on
 N. face, and raised a mound of stone 1 1-2 ft. high
 2 ft. base, alongside. Pits impracticable.

20.65

Trail bears N. E. and S. W.

27.50

40.00

Set a sandstone... 24 X 24 X 12 ins... 18...
 ins. in the ground, for Standard Sec. Cor., marked S.C. 1/16 on
 N. face, and raised a mound of stone 1 1-2 ft. high
 2 ft. base, alongside. Pits impracticable.

60.00

A rock 7x5x5 ft. above ground
 in place for 1/16 sec. Standard
 Cor. marked 1/16 S.C. on N. face
 and a cross⁽⁺⁾ at exact cor.
 point and raised a
 mound of stone 1 1/2 ft.

HAINS. 4th Standard N. through Flange 19^e

high 1 ft. base alongside.

Pits impracticable.

80.00

Set a sandstone 17x13x6 ins, 11
ins. in the ground for
Standard Cor. To sec. 31 and 32
marked O.C. with 1 notch on
W. and 5 notches on E. face,
and raised a mound
of stone 1 1/2 ft. high 2 ft.
base alongside.

Pits impracticable.

Surface mountainous.

Dist 4th notch.

Grass. poor.

CHAINS. 7th Standard N. through Range 19 E.

East on the south boundary
of sec. 32.

70. 13° E.

Descend gradually.

11.25 Trail bears N. E. and S. W.

20.00 Set a sandstone 12... X... 12... X... 8... ins., 8... ins.
in the ground, for $\frac{1}{6}$ Sec Stand or., marked $\frac{1}{6}$ S.C. on... N...
face, dug pits 18x18x12 ins.,... E. and... W... of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

40.00 Set a sandstone 15... X... 10... X... 6... ins., 10... ins.
in the ground, for $\frac{1}{4}$ Sec Stand or., marked $\frac{1}{4}$ S.C. on... N...
face, dug pits 18x18x12 ins.,... E. and... W... of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

51.35 Wash... 4... 2... lks. wide course, South 20 ft. deep.

60.00 Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{6}$ Sec Stand or., dug pits 18X18X12 ins.... E... and
... W... of corner 5 1-2 ft. dist., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In... E... pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{6}$ S.C. on... N... face,

80.00 Deposited a marked stone
12 ins. in the ground
for Standard Cor. to Sec

CHAINS, 7th Standard N. through Flange 19 E.

32 and 33, dug pits 18x18x12
ins. N. E. and N. of Stone
5 1/2 ft. dist and raised
a mound of earth 2 ft.
high 4 1/2 ft. high over it.

In E. pit drove a stake
2 ft. long 2 ins. sq. 12 ins.
in 1st ground, marked
D.C. 5, 29 N. R. 19 E. on N.

D. 33 on E. and

D. 32 on N. ^{face} with 2 notches
on N. and 4 notches on E.

face.

Surface rolling.

Dist 2nd. rate.

Grass fair.

CHAINS. 7th Standard N. through Range 19E.

East on the South boundary
of sec. 33,

Ya. 13th E.

Over gently rolling surface.

2.60

Trail bears N. E. and S. W.

4.30

Road bear. N. and S.

11.00

Trail bears N. W. and S. E.

20.00

Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{6}$ Sec. ^{Stand} Cor., dug pits 18X18X12 ins. ... E. ... and
..W. ... of corner 5 1-2 ft. dist., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In ... E. pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{6}$ S. S. Con. ... N. face,

30.00

Road bear. N. W. and S. E.

40.00

Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{4}$ Sec. ^{Stand} Cor., dug pits 18X18X12 ins. ... E. ... and
..W. ... of corner 5 1-2 ft. dist., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In ... E. pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{4}$ S. S. Con. ... N. face,

60.00

Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{6}$ Sec. ^{Stand} Cor., dug pits 18X18X12 ins. ... E. ... and
..W. ... of corner 5 1-2 ft. dist., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In ... E. pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{6}$ S. S. Con. ... N. face,

HAINS 7th Standard N. Through Range 19 E.

78.40

Wash... 15... lks. wide course, SW

80.00

Set a sandstone 16x13x5 ins.

11 ins. in the ground

for Standard Cor. to Sec.

33 and 34 marked S.C. with

3 notches on E. and W. faces

diag. pits 18x18x12 ins. N.E.

and W. of stone 5 1/2 ft.

dist and raised a mound of
earth 2 ft. high 4 1/2 ft. base -
alongside.

Surface nearly level.

Set 2nd rate.

Some brush and grass.

CHAINS 7th Standard N. through Range 19 E.

East on the south boundary
of sec. 34,
70. 13' E.

Over gently rolling surface.

20.00

Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{6}$ Sec. ^{Stand} Cor., dug pits 18x18x12 ins. E..... and
W..... of corner 5 1-2 ft. dist., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In E..... pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{6}$ S. Sec. on N..... face,

34.90

Trail bears N. E. and S. W.

40.00

Set a sandstone $\frac{10}{10}$ X $\frac{10}{10}$ X $\frac{6}{10}$ ins., 7 ins.
in the ground, for $\frac{1}{4}$ Sec. ^{Stand} Cor., marked $\frac{1}{4}$ S. Sec. on N.....
face, dug pits 18x18x12 ins., E..... and W..... of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

60.00

Set a sandstone $\frac{13}{11}$ X $\frac{11}{11}$ X $\frac{7}{11}$ ins., 8 ins.
in the ground, for $\frac{1}{6}$ Sec. ^{Stand} Cor., marked $\frac{1}{6}$ S. Sec. on N.....
face, dug pits 18x18x12 ins., E..... and W..... of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

From which a Cedar tree
10 ins. in diam. bears N. 41° 15' E.
marked $\frac{1}{16}$ S. S. B. B. T. 2. Ch. 5. 1/2 Sec. 34.
no other trees within limits

CHAINS. 7th Standard N. through Range 19 E.

Foot of high bluffs.

80⁰⁰ Set a sandstone 18x12x12 ins.

12 ins. in the ground for.

Standard Cor. to S.W. 34 and 35

marked S.C. with 2 matches

on E. and 4 matches on

N. face, and raised a

monument of about 1 1/2 ft.

high 2 ft. base alongside.

Pits impracticable -

From which a

Pinion bit 11 ins. in chain

bears. N. 10 E. 105 links

dist. marked S.C. 5, 29 N. R.

19 E. S. 34 Q. 5.

No other trees within limits.

Surface rolling and rough.

Soil 2nd and 4th rate.

CHAINS 7th Standard N. through Range 19E.

Some grass.

+ It is impracticable to continue the Standard farther East, on account of box canyons and the roughness of the country.

The country is of the same character west of the closing cor. to Tps. 28 N. Rs. 17 and 18 E. and as there is no agricultural land adjacent to the Standard on either side. I was compelled to run the balance of the Standard from the Closing Cor. to Tps. 28 N. R's. 15 and 16 E.

April 17th 1891

CHAINS. 4th Standard 71 through 72. 1872.

at the closing cor. to Sp. 280
 Os 15 and 16 E. I took
 an observation on Ontario
 by observing the true culmination
 and find the magnetic
 variation to be $13^{\circ}E$.

On account of a spring
 a mile or so from this
 cor. I run West. from
 the closing cor. on the
 south boundary of N. 36.
 Ya. $13^{\circ}E$,

across.

870 Deposited a marked stone 12 ins. in the ground,
 for $\frac{1}{4}$ Sec. ^{Stand} Cor., dug pits 18X18X12 ins. E... and
 W... of corner 5 1-2 ft. dist., and raised a mound of
 earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In... E... pit drove a stake 2 ft. long, 2 ins. square,
 12 ins. in the ground, marked $\frac{1}{4} S$ on... N... face,

2870 Deposited a marked stone 12 ins. in the ground,
 for $\frac{1}{6}$ Sec. ^{Stand} Cor., dug pits 18X18X12 ins. E... and
 W... of corner 5 1-2 ft. dist., and raised a mound of
 earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In... E... pit drove a stake 2 ft. long, 2 ins. square,
 12 ins. in the ground, marked $\frac{1}{6} S$ on... N... face,

CHAINS 7th Standard N. through Range 15 E

Surface rolling.

Soil Ind. with.

Good Grass.

CHAINS 7th Standard N. through Range 15 E.

From the Closing Cor. to Spou
28 N. R's, 15 and 16 E.

I run east on the south
boundary of sec. 36.
Va. 130 E.

Over rolling surface

6.10 Wash.....4" lks. wide course, S.E.

9.75 Trail bears N. E. and S. W.

11.30 Set a sandstone 14 X 11 ins. 9 ins.
in the ground for 1/16 Sec. Cor., marked 1/16 Sec. on N. face, dug pits 18x18x12 ins., E and W of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

11.66 Trail bears N. W. and S. E.

31.30 Set a sand stone
in the ground for 1/16 Sec. Cor., marked on
12 x 12 x 10 ins. 8 of 1000
5 1-2 ft. dist. and mound of earth 1 1-2 ft.
in the ground

for Standard Cor. to
Sp. 29. N. R's. 15 and 16 E.
marked S.C. on N. and
6 notches on N. E. and W

CHAINS 7th Standard N. through Flawys 16 E.

fans. deep pits 24 X 18 X 12
 ins. crosswise on each line
 N. E. and N. of stone 6 ft.
 dist. and raised a mound
 of earth. 2 1/2 ft. high 5 ft. base
 alongside.

Surfing rolling.

Soil 2nd rate.

Grass fair.

CHAINS. 7th Standard N. through Range 16 E.

East in the south boundary
of sec. 31.

70. 130 E.

Over small hills.

- 17.30 Wash 30 lks. wide course, south.
- 20.00 Set a sandstone ²⁰ X ¹¹ X ³ ins. ¹⁵ ins. in the ground, for ^{Stand} 1/6 Sec. Cor., marked 1/6 SE on N. face, dug pits 18x18x12 ins., E. and W. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
- 28.60 Trail bears N. E. and S. W.
- 40.00 Set a sandstone ¹⁷ X ¹² X ³ ins. ¹¹ ins. in the ground, for ^{Stand} 1/6 Sec. Cor., marked 1/6 SE on N. face, dug pits 18x18x12 ins., E. and W. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
- 43.40 Trail bears N. E. and S. W.
- 51.90 Trail bears N. E. and S. W.
- 52.60 Trail bears N. and S.
- 53.00 Entire field bears N. and S.
- 57.00 Same " " " " "
- 60.00 Set a sandstone ¹⁴ X ¹² X ³ ins. ⁹ ins. in the ground, for ^{Stand} 1/6 Sec. Cor., marked 1/6 SE on N. face, dug pits 18x18x12 ins., E. and W. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

CHAINS ^{7th} Standard N. through Chain 16 E.

62.67 Trail bears N. E. and S. W.

79.96 Trail bears N. E. and S. W.

80.00

Set a sandstone 12x12x4 ins.
8 ins. in the ground for
Standard Cor. to nos. 31 and 32
marked O.C. with 1 notch
on N. and 5 notches on
E. faces. deep pits 18x18x12 ins.
N. E. and W. of stone
5 1/2 ft. dist. and raised
a mound of earth
2 ft. high 4 1/2 ft. base
alongside.

Surface small hills,
Soil 3rd. rate,
Grass poor.

CHAINS. 7th Standard N. Through Range 16 E.

East in the south boundary
of sec. 32.

Pa. 13° E.

Over rolling surface.

5.13 Trail bears N. E. and S. W.

18.75 Trail bears S. 10° W. and N. 10° E.

20.00 Set a sandstone ^{Stand} 19 X 15 X 10 ins., 14 ins.
in the ground, for 1/16 Sec. Cor., marked 1/16 Sec. on N. face,
dug pits 18x18x12 ins., E. and W. of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

24.60 Trail bears N. and S.

29.70 Trail bears " " "

31.60 Trail bears " " "

34.11 Trail bears " " "

40.00 Set a sandstone 20 X 12 X 3 ins., 15
ins. in the ground, for 1/4 Sec. Cor., marked 1/4 Sec. on
N. face, and raised a mound of stone 1 1-2 ft. high
2 ft. base, alongside. Pits impracticable.

House in Orator Range N. 23 1/2° E. -

44.07 Trail bears N. and S.

46.83 " " " " "

47.50 " " N. 10° W. and S. 10° E.

CHAINS 7th Standard N. Through Range 16 E.

- 54.15 Trail brass N. and S.
- 57.80 East field brass N. and S.
- 60.00 Set a sandstone $1\frac{1}{2}$ X $1\frac{1}{2}$ X $\frac{1}{4}$ ins., $\frac{1}{8}$ ins. in the ground, for $\frac{1}{6}$ Sec. Cor., marked $\frac{1}{6}$ Sec. on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
- 61.30 East field brass N. and S.
- 62.00 Trail brass N. N. and S. E.
- 65.90 " " N. and S.
- 69.00 East field orchard brass N. and S.
- 75.76 Lower " " " " " "
and Trail " " " "
- 76.80 Trail " " " "
- 84.00 Set a sandstone $36 \times 12 \times 4$ ins 27 ins. in the ground for Standard Cor. to sec. 32. and 33 marked S. with 2 notches on N. and 4 notches on E. faces. and

CHAINS 4th Standard N. Through Range 16 E

raised a mound of
 stone 1 1/2 ft. high 2 ft. base
 alongside. Pits impracticable
 Surface nothing.
 Soil 3rd. rate.
 Grass poor.

East on the south boundary
 of sec. 33.
 Ta. 13° E.

Along south slope of mesa.
 Trail bears N. and S.

2.80

1.50

" " " " "

7.00

Easton field bears N. and S.

20.00

Scars " " " " "

• And Set a sandstone ^{Stand.} 15 X 8 X 5 ins., 10 ins.
 in the ground, for 1/6 Sec. Cor., marked 1/6 50 on N.
 face, dug pits 18x18x12 ins., E. and W. of stone
 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
 high, 3 1-2 ft. base, alongside,

21.00

Trail bears N. W. and S. E.

CHAINS 7th Standard N. Frank Range 16E

2460 Trail trans. N. and S.

40.09 Set a sandstone ²⁰ X ²⁰ X ¹² ins. ¹⁵ ins. in the ground, for ^{Stand} 1/4 Sec. Cor., marked 1/4 Sec. on N. face, dug pits 18x18x12 ins., E. and W. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

40.10 Trail trans. N. 85° W. and S. 85° E.

59.24 " " N. W. " S. E.

6000 Set a sandstone ¹² X ⁸ X ⁸ ins. ⁸ ins. in the ground, for 1/6 Sec. Cor., marked 1/6 Sec. on N. face, dug pits 18x18x12 ins., E. and W. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

6075 Trail trans. N. and S.

66.20 " " " " "

7880 " " N. W. and S. E.

8000 Set a sandstone 24x12x6 ins. 18 ins. in the ground for Standard Cor. to Sec. 33 and 34. marked S.E. with 3 notches on E and W. face, and raised a mound of stone

CHAINS. 4th Standard N. through Range 16 E.

1/2 ft. high 2 ft. base alongside
Pits impracticable

Surface rolling.

Soil 3rd. rate.

Some sacaton grass.

East on the south boundary
of sec. 34.

7a. 130° E.

Over rolling surface
at good old ...

9.00 Enter field trans. N. and S.

24.00 Set a sandstone... $\frac{18}{16}$ X $\frac{12}{16}$ X $\frac{4}{16}$ ins. $\frac{12}{16}$...
ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ Sec. on
... N. face, and raised a mound of stone 1-2 ft. high
2 ft. base, alongside. Pits impracticable.

27.70 Leave field trans. N. and S.

39.00 Wash 1 chain wide
course SW.

CHAINS 7th Standard N. through Range 16 E

40.00 Set a sandstone $9 \frac{1}{2}$ X $8 \frac{1}{2}$ X $7 \frac{1}{2}$ ins. $6 \frac{1}{2}$ ins. in the ground, for $1 \frac{1}{4}$ Sec. Cor., marked $1 \frac{1}{4}$ Sec. on $N.$ face, dug pits $18 \times 18 \times 12$ ins., $E.$ and $W.$ of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

on bank of wash

53.00 Small beam $N. E.$ and $SW.$

55.00 Enter field beam $N.$ and $S.$

60.00 Set a sandstone $2 \frac{1}{2}$ X $12 \frac{1}{2}$ X $3 \frac{1}{2}$ ins. $2 \frac{1}{2}$ ins. in the ground, for $1 \frac{1}{6}$ Sec. Cor., marked $1 \frac{1}{6}$ Sec. on $N.$ face, and raised a mound of stone 1 1-2 ft. high 2 ft. base, alongside. Pits impracticable.

63.00 Lean field beam $N.$ and $S.$

66.00 Wash 30 links wide course south

75.00 Enter field beam $N.$ and $S.$

80.00 Set a sandstone $18 \times 13 \times 2 \frac{1}{2}$ ins. 12 ins. in the ground for standard Cor. to $Sec. 34$ and 35 marked with 2 notches on $E.$ and 4 notches on $N.$ face, and raised a

CHAINING $\frac{1}{16}$ Standard N. through $\frac{1}{16}$ Standard 16E

mound of stone $1\frac{1}{2}$ ft.
high 2 ft. base alongside
Covered with earth.

Surface rolling.

Soil Ind. rate.

No Grass.

East on the south boundary
of sec. 35,
T₄N. 13°E.

Acres gradually.

6.40
20.00

Leave field from N. end &

Set a sandstone $18 \times 14 \times 2$ ins., 12 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ S.C. on N...
face, dug pits $18 \times 18 \times 12$ ins., E... and W... of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

40.00

Set a sandstone $17 \times 12 \times 2\frac{1}{2}$ ins., 11 ins.
in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S.C. on N...
face, dug pits $18 \times 18 \times 12$ ins., E... and W... of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

CHAINS ^{7th} Standard N. through Camp 162

6000

Set a sandstone $20 \times 13 \times 2$ ins., 15 ins. in the ground, for ^{Sand} 1/6 Sec. Cor., marked 1/6 S.E. on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 8 1-2 ft. base, alongside,

8000

Set a sandstone $16 \times 12 \times 10$ ins. in the ground for Standard Cor. to sec. 35 and 36 marked S.E. with 1 notch on E. and 5 notches on N. face. dug pits $18 \times 18 \times 12$ ins. N.E. and N. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base alongside.

Surface rolling
Soil Ind. rate.

Grass fair.

High mesa 20 chs. south.

CHAINS. 4th Standard N. through R. 16 E.

East on the south boundary
of sec. 36.
7a. 13° E.

According.

2a.00

Set a sandstone ²⁴ X ¹⁰ X ⁶ ins. ¹⁸ ins. in the ground, for ^{1/6} Sec. Cor., marked ^{1/6} S.C. on ^{N.} face, and raised a mound of stone 1 1-2 ft. high 2 ft. base, alongside. Pits impracticable.

4a.00

Set a sandstone ¹⁴ X ¹² X ⁹ ins. ⁹ ins. in the ground, for ^{1/4} Sec. Cor., marked ^{1/4} S.C. on ^{N.} face, dug pits 18x18x12 ins. ^{E.} and ^{W.} of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

41.60

Trail bears N. W. and S. E.

6a.00

Set a sandstone ¹⁴ X ¹⁰ X ⁵ ins. ⁹ ins. in the ground, for ^{1/6} Sec. Cor., marked ^{1/6} S.C. on ^{N.} face, dug pits 18x18x12 ins. ^{E.} and ^{W.} of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

66.25

Trail bears N. W. and S. E.

8a.00 Set a sand stone 15x10x6 ins

10 ins. in the ground for
Standard Cor. to 5 p.
29, N. R. 16 and 17 E.

CHAINS 5th Standard N. through Range 16 E

^{s.p.}
 marked with 6 notches on
 N.E. and W. face. dug
 pits 24 x 18 x 12 ins, crosswise
 on each line, N.E. and
 W. of stone 6 ft. dist.
 and raised a mound
 of earth, 2 1/2 ft. high 5
 ft. base alongside.

Surface rolling
 last part hilly.

Soil 2nd rate.

Some Grass.

A short distance East
 is a bluff mesa
 about 1000 ft. high
 and it is impracticable
 to run the Standard
 farther.

June 8th 1891

U. S. Surveyor-General's Office,

TUCSON, A. T., *Feb. 6th* 1882

The foregoing Field Notes of the Surveys of
7th Standard North through
Tps. 29. N., Rs. 18, 19, 16 + N. E.

Gila and Salt River Meridian
 in *Arizona* executed by

John B. Smith

U. S. Deputy Surveyor, under his contract dated
November 1st 1840

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

Rapae & Johnson

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