

Index cut.

No. 907

Field Notes

BOOK 907

OF THE SURVEY OF THE

Subdivision

-OF-

Township *16 South* Range *22 East*

Gila and Salt River Base and Meridian

ARIZONA.

No. 907

By *C. H. Wallace* D.S.

Under contract dated *April 26th* 1886.

Survey commenced *Dec. 24th* 1886.

Survey completed *Jan. 1st* 1887.

Book No. 13.

907

Field Notes No. 907

of the Survey of the
Subdivision
of Township No. 16 S. Range No. 22 E.
of the
Gila and Salt River Base and Meridian
of
Arizona Territory,

As surveyed by,

C. H. Wallace,

U. S. Deputy Surveyor

Under his Contract

No. 3.

Dated April 26th 1886

Survey commenced Dec. 24, 1885
Survey completed Jan. 1st 1886

Names and duties of Assistants

Morris Howard,	Chairman.
H. H. Callahan,	Chairman.
Frank, L. Lewis,	Appraiser.
Henry Fimmers,	Appraiser.
Jose Moreau,	Flagman.

For Preliminary and Final Oaths
See Books Nos. 1, 5, 7, 9, 10 and 15.

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Township 16 South R. 22 East

Gila and Salt River Bas and Meridian

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Subdivision T. 16 S. R. 22 E.

Survey commenced Dec. 24 1886.
With a Gurley solar transit.

Having myself established
the exterior to this township
I did not rerun any of its lines.

I begin at the cor. to sec. 1, 2,
35 and 36. on S. boundary which
is a stone marked with 1 notch
on E. and 5 notches on W. edges
with a mound of stone alongside
properly set and described by me
Thence I run

North, bet. sec. 35 and 36.

Var. 12° E.

Over rolling land.

Ravine, course S.W.

Subdivision F. 16 S. R. 22 E.

40.00 Set a granite stone $10 \times 10 \times 6$ ins. ^{10 ins} ~~7 1/2~~ in the ground W for $1/4$ sec. Cor. Marked $1/4$ on W face, raised a mound of stone alongside.

43.00 Ravine, Course S.W.

60.00 Ravine, Course S.W.

65.50 Ravine, Course W.

80.00 Set a granite stone $16 \times 10 \times 5$ ins. ^{11 ins} ~~7 1/2~~ in the ground for. Cor. to sec. 25, 26, 35 and 36. Marked with 1 notch on S. and E. edges, and raised a mound of stone alongside.

Go and, rolling mesa

No timber Good grass

Soil, rocky and poor.

Subdivision F. 16 S. R. 22 E.

East, on a random line bet. secs. 25 and 36.
 Va. $12\frac{1}{4}^{\circ}$ E.

Over rolling land.

40.00 Set temporary $\frac{1}{4}$ sec. Cor. 3
 80.12 Intersect E. boundary line 4 Ms.

$\frac{1}{2}$ of Cor. to secs. 25, 30, 31 and 36,
 which is a stone with 1 notch
 on S. and 5. notches on N. edges
 mound of stone along side.

Three I run.

N. $89^{\circ} 58'$ W. water line bet. secs. 25 & 36.

Va. the same.

40.06 Set a granite stone, $14 \times 8 \times 8$ in.

^{9 in} $\frac{1}{2}$ in the ground for $\frac{1}{4}$ sec.

Cor. marked $\frac{1}{4}$ on N. face; raised
 a mound of stone along side.

80.12 The cor. to secs. 25, 26, 35 and 36.

Subdivision T. 16 S. R. 22 E

Land, rolling.

Soil, rocky and poor.

No timber, good grass.

North, bet. secs. 26 and 25.

Var. $12\frac{1}{4}^{\circ}$ E.

Proceeding over rolling land.

9.88

Road from Wagon to Benson.

Course N. E. and S. W.

19.00

S. P. R. R. with telegraph lines on

each side Course N. E. and S. W.

40.00

Set a granite stone $16 \times 12 \times 3$ ins.

^{11 inq.}

$\frac{1}{8}$ in the ground from $\frac{1}{4}$ sec.

Cor. Marked $\frac{1}{4}$ on N. face;

raised around of stone alongside.

80.00

Set a granite stone $20 \times 7 \times 5$ ins.

^{15 ins.}

$\frac{1}{8}$ in the ground from Cor. to sec.

Subdivision F, 16 S, R, 22 E

23, 24, 25 and 26. Marked with 2 notches on S, and 1 notch on E. edges, and raised a mound of stone alongside.

So and, rolling mesa.

Soil, 4th rate.

Good grass, No timber.

East on a random line bet. sec 2, 24 and 25.

Var. 12° E.

Over rolling land.

40.00 Set temporary 1/4 sec. cor.

61.46 Telegraph line, course N, E, and S, W;

62.75 S. P. Railroad, course N, E, and S, W

63.50 Telegraph line, course N, E, and S, W

80.06 Interest - Q. boundary line at - cor.

✓ to sec 2, 19, 24, 25, and 30. which is

Subdivision F. 14 S. R. 22 E.

a stone properly marked
with a mound of stone
alongside previously set by me.
Thence I run,

Nest on a true line bet. sec. 24 and 25.
Var. $12\frac{1}{4}^{\circ}$ E.

40.03 Set a granite stone $20 \times 6 \times 5$ ins.
^{15 ins.} $\frac{1}{4}$ in the ground for $\frac{1}{4}$ sec.
Cor. Marked $\frac{1}{4}$ in N. line;
raised a mound of stone alongside.

80.06 The Cor. to sec. 23, 24 25 and 26.
So and, rolling.
Soil, 3rd rate.
No timber, Good grass.

North, bet. sec. 23, and 24.
Var. 12° E.

Subdivision T. 16 S. R. 22 E.

Over rolling hills.

40.00

Set a quartz stone $14 \times 9 \times 9$ ins. ^{9 ins.} ~~7 1/2~~
 in the ground for $\frac{1}{4}$ sec. Cr.
 Marked $\frac{1}{4}$ on N. face, and
 raised a mound of stone alongside.
 From which a mining shaft, brs.
 S. 54° W. 3 chains dist.

A mining shaft, brs. S. 75° E.
 2 chs. dist.

79.40

Road, brs. N. W. and S. E.

80.00

Set a quartz stone $18 \times 8 \times 7$ ins. ^{12 ins.} ~~7 1/2~~
 in the ground for Cr. to sec.
 13, 14, 23 and 24. Marked with
 3 notches on S. and 1 notch on E.
 edges, and raised a mound
 of stone alongside.

Do and, low rolling hills.

Subdivision T. 16 S. R. 22 E.

Soil, 3rd rate and rocky,
 No timber, good grass.

East on a random line bet. secs. 13 & 24.

Var. 12° E.

Resounding over rolling land.

40.00 Set temporary $\frac{1}{4}$ sec. Cor.

80.08 Intersect E. boundary line 10 fms.

S. of Cor. to secs. 13, 18, 19, and 24

which is a mound of earth, stake
 with pits properly established.

Then I run,

S. 89.56' N on a true line bet. secs. 13 and 24

Var. $12\frac{1}{4}^{\circ}$ E.

40.04 Set a charred stake 12 ins. in

The ground for $\frac{1}{4}$ sec. Cor.

Aug. pits 18x18x12 ins. E and W.

Subdivision F. 168, R. 22 E.

for. 5 1/2 ft. dist.; 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 1/4 S. on N. face

80.08 The Cor. to sees. 13, 14, 23 and 24
 Ground rolling.
 Soil, 3rd. rate.
 No timber, good grass.

North, bet. sees. 13 and 14,
 Va. 12° E.

Over rolling, ground.

40.00 Set a granite stone 14x10x10 ins. ^{9 ins} in the ground for. 1/4 sec. Cor. Marked 1/4 on N. face; raised a mound of stone alongside.

Subdivision F. 16, S. R. 22 E.

- 41.90 An old house and corral bldg.
N. 77° E. 14.50 chs. dist.
- 78.65 " Old road bldg. N. W. and S. E.
- 80.00 Set a granite stone 18X16 ins.
^{13 in} in the ground for. Cor. to
secs. 11, 12, 13, and 14. Marked
with 4 notches on S. and 1
notch on E. edges. Dug pits
18X18X12 ins. in each sec. 5 1/2
ft. dist and raised a mound
of earth 2 ft. high 4 1/2 ft. base
alongside a min. shaft to 85° E 22.54 chs.
Land, rolling high mesa.
Soils, poor.
No timber, good grass.
-

Subdivision F. 16 S. R. 22 E.

East. wa random line bet. sec. 12nd and 13.

Var. 12° E.

Over rolling land.

12.60 Old road bet. N.W. and S.E.

40.00 Set temporary 1/4 sec. Cor.

79.60 Mazon and Russellville road bet. N.W. and S.E.

80.14 Intersect E. side line 12th S. of Cor. to sec. 7, 12, 13 and 18, which is a mound of earth with pits and stake properly established.

Thence (run,

S. 89° 55' N. w. true line bet. sec. 12nd and 13.

Var. 12 1/4° E.

40.07 Set a stone, 16x9x9 ins. ¹¹/₃₂ in the ground for 1/4 sec. Cor. Marked

Subdivision F, 16 S R 22 E

1/4 on N. face; raised a mound of stone alongside.

80.14

The Cor. to sec. 11, 12, 13 and 14.

Good, rolling

Soil, 4th rate

No timber. Good grass.
Dec. 24, 1886.

North bet. sec. 11 and 12.

Var. 12° E

Over rolling mesa.

40.00

Set a quartz rock 12x12x6 ins.

7/8 in the ground for 1/4 sec Cor.

Marked 1/4 on N. face; raised

A mound of stone alongside

From which 2 Board shanties, a

Corral and spring ^{bray} S 61° E.

24.30 ebs. dist.

Subdivision F, 16 S. R., 22 E.

- 49.00 ~~From this point~~ Victor Stoltz's house
brs S, 84° E, 530 chs. dist. with
Corral and spring.
- 60.00 Road brs. N.W. and S.E. to Ruselville
- 70.00 Same road S.W. and N.E.
- 75.00 Ravine 20 fms. wide course E.
- 80.00 Set a granite stone 16x7x5 ins.
^{11 ins.}
~~11~~ in the ground for cor. to sec.
1, 2, 11 and 12. Marked with
5 notches on S. and 1 notch on
E. edges. Raised a mound of
stone alongside.
Soil, rolling
Soil, rocky and poor.
No timber. Good grass.
-

Subdivision T. 16 S., R. 22 E.

East or west line bet. sec. 1 and 12.

Var. $12\frac{1}{2}^{\circ}$ E.

Overruling U.S.A.

.60 Road from Keagoon to Russellville
Course N.W. and S.E.

30.00 Main road from Keagoon to
Russellville, Course N and S.

40.00 Set temporary $\frac{1}{4}$ sec. Cor.

80.30 Intersect E. boundary line 27
th. S. of Cor. 4 sec. 1, 6, 7, and 12
which is a mound of earth, pits
and stake properly established.
Thence I run

S. $89^{\circ}48'$ W. westerly line bet. sec. 1 and 12.

Var. $12\frac{1}{4}^{\circ}$ E.

40.15 Set a granite stone $14 \times 10 \times 6$ ins.
 $\frac{9}{16}$ in the ground, for $\frac{1}{4}$ sec. Cor.

Subdivision F. 16, S.R. 32 E.

- 80.30 Marked $\frac{1}{4}$ on N. face; raised
 a mound of stone alongside.
 The cor. to seeds, 1, 2, 11 and 12.
 Level, rolling mesa.
 Soil, 4th rate.
 No timber, good grass.
-
- North, on a true line bet. seeds 1 and 2.
 Va $12\frac{1}{2}^{\circ}$ E.
 Over rolling mesa.
- 11.00 Road, course N.W. and S.E.
 14.60 Road, course S.W. and N.E.
 17.60 Ravine, course E.
 31.40 Road, course E. and W.
 40.00 Drove a charred stake 12 ins. in
 the ground for $\frac{1}{4}$ sec. cor. dug
 pits $18 \times 18 \times 12$ ins. ^{of cor.} N. and S. $5\frac{1}{2}$ ft. dist.

Subdivision F 16 S R 22 E

Raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base over it. In N. pit drove a stake 2 ft. long. 2 ins. square 12 ins. in the ground. Marked $\frac{1}{4}$ S. on W. face. Wagon and Russellville road cross. N. W. and S. E.

7900

7960

Intersect the Third Standard South at a point 10.68 chs. E. of standard Cor. to sec. 35 and 36. F. 15 S. R. 22 E. at which point I set a quartz rock $16 \times 7 \times 6$ ins. ^{11 ins.} ~~7~~ in the ground. for Closing Cor. to sec. 1 and 2. with 1 notch on E. and 5 notches on W. Edge and marked C. C. dug pits $18 \times 18 \times 12$ ins. S. E. and W. ^{11 ins.} ~~7~~ $5\frac{1}{2}$ ft. dia. and raised

Subdivision T. 16 S., R. 22 E.

a mound of earth 2 ft. high
4 1/2 ft. base alongside.

Level, rolling mesa

Soil, poor.

No timber, some grass.

From the cor. to sec. 2, 3, 34 and 35
w. boundary of township which
is a stone property ^{established} marked with
mound of stone alongside ^{previously}
run.

North, bet. sec. 34 and 35,

Va. 12° E.

Over rolling mesa:

208. Ravine, course, W.

18.50 Ravine, course, S. W.

Subdivision F. 16 S. R. 22 E.

22,50	Wagon and Benson road course S. W. and N. E.
25,92	Telegraph line, course N. E. and S. W.
26,58	Southern Pacific Railroad, course S. W. and N. E.
27,42	Telegraph line course N. E. and S. W.
40,00	Set a granite stone 20x12x12 ins. ^{15. ins.} 7 in the ground for $\frac{1}{4}$ sec. cor Marked $\frac{1}{4}$ on N. face; raised a mound of stone alongside Ravine, course S. E.
59,80	Ravine, course S. E.
77,00	Ravine, course S. E.
80,00	Set a granite stone 14x10x6 ins. ^{9. ins.} 7 in the ground for cor. to sec. 26, 27, 34 and 35 Marked with 1 notch on S. and 2 notches on E. edges. and raised a

BOOK 907 1008
Subdivision T. 16 S. R. 22 E.

Mound of stone along side.
Land, rolling,
Soil, 4th rate,
No timber, Good grass

East. on a random line bet.
secs. 26 and 35.
Va. 12° E.

As ~~crossing~~ rolling land,

- 22.00 Ravine, Course S.
36.00 Ravine, Course S.
40.00 Set temporary 1/4 sec. cor.
58.95 S. P. R. R. Course N. E. and S. W.
74.00 Road from Wagon to Benson, course N. E. and S. W.
79.84 Intersect. N. and S. line 20 lks. S.
of cor. to secs. 25, 26, 35, and 36.
Thence I run,

Subdivision T. 16 S.R. 23 E.

S. 89° 51' N. on a true line bet. sec. 35 and 26.
• Va. 12 1/4 ° E.

39.92 Set a granite stone 16x14x9 ins.
^{11 ins.}
7/8 in the ground for 1/4 sec.
Cor. Marked 1/4 on N. face; raised
a mound of stone alongside.

79.84 The Cor to sec. 26, 27, 34 and 35,
Go and, rolling,
Soil, 4th rate,
No timber, Good grass.

North, bet. sec. 26 and 27,
Va. 12 ° E.
Over hilly ground.

30.00 Ravine, course S. E.

40.00 Set a granite stone 16x9x9 ins.
^{11 ins.}
7/8 in the ground for 1/4 sec, Cor

Subdivision F. 16 S. R. 22 E.

Marked 1/4 on N. face; raised
a mound of stone alongside.

41.00 Top of hill 200 ft. high.

53.33 Ravine. Course S. E.

69.00 Top of ridge 175 ft. high ^{draw} ~~course~~ S. E. ^{9 ins.}

80.00 Set a granite stone 13x10x8 ins. ^{9 ins.} ~~1/2~~

in the ground for Cor. to sec.

23, 22, 26 and 27. Marked with 2

notches on S. and E. edges.

and raised a mound of stone
alongside.

So good, very hilly and broken.

Soil, rocky and worthless.

No timber, some grass.

Dec. 25 1886.

Subdivision F. 16 S. R. 22 E.

East, on a random line bet. sees. 23 and 26
Var. 12° E.

Ascending over low hills.

40.00 Set temporary $\frac{1}{4}$ sec. Cor

80.22 Intersect N. and S. line 17 lks. S. of
Cor. to sees. 23, 24, 25 and 26.

Thence I run.

S. 89.53° W. on a true line bet. sees. 23 and 26

Var. the same.

40.11 Set a granite stone $12 \times 8 \times 8$ ins. ^{8 ins.} ~~2 1/2~~
in. the ground for $\frac{1}{4}$ sec. Cor.

Marked $\frac{1}{4}$ on N. face; raised a
mound of stone alongside.

80.22 The Cor. to sees. 22, 23, 26, and 27,
Land, rolling.

Soil, 4th rate.

No timber, good grass.

Subdivision F. 16 S. R. 22 E.

North, bet sees 22, and 23,
Var 12° E.

Ascending, over broken rolling land,

40.00 Set a granite stone 20x12x6 ins.
15 ins.
75 in the ground for 1/4 sec.

Corr. Marked 1/4 on N. face; raised
a mound of stone alongside.

79.60
80.00 ^{Entire circular corral-}
Set a post 6 ft. long 7 ins. square
with a charred stake 2 1/4 ins. in
the ground for Cor. to sees. 14,
15, 22 and 23. Marked.

F. 16 S. E. 14 on N.E.

R. 22 E. S. 23 on S.E.

S. 22 on S.W. and

S. 15 on N.W. faces with 3
notches on S. and 2 notches
on E. edges, and raised

20
 Subdivision F16 SR228

a mound of stone around
 post. This cor is in the center
 of N. A. Calloway's Cow Corral,
 which is circular and about 60 ft.
 diameter.

Land, rolling.

Soil, 2nd and 4th rates.

No timber. Some grass.

East on a random line bet. secs. 14 and 15.

Va 12° E.

Over level land, enter field

.40 Top. of large granite boulder, 10 ft. high
 used as fence between Corral and field

8.40 Fence around house and out buildings,
 enter field

13.40 Fence. Course N. and S. leave

Subdivision F. 16 S. R. 22 E.

- N.W. Calloway's field, and ascend
over granite boulders, low ridge
- 40.00 Set temporary $\frac{1}{4}$ sec. Cor.
- 7836 Intersect Road from Klason
& Calloway's ranch course N.W. & S.E.
- 80.06 Intersect, N. and S. line 14
W. S. of Cor. to sec. 13, 14, 23, and
24. Thence
Drum. with same va.
S. $89^{\circ}54'$ W. water meter, sec. 14 ^{and 23}
- 40.03 Rock in place, extending N. and S.
6 ft high 20 x 6 ft. Marked at exact
point of measurement with a
X and $\frac{1}{4}$ for $\frac{1}{4}$ sec. Cor. ^{and named}
built a mound of stone on
top alongside of cross.
- 80.06 The Cor. to sec. 14, 15, 22 and

Subdivision F. 76 S. R. 22 E.

2.3

Go and, rallying some hills.
Soil, 2nd and 4th rates
No timber, some grass.

North, bet. secs. 14, and 15.

Var. 12° E.

Over rallying land.

78 ⁴⁵ N.W. Calloway's house bet. E.
2.90 chs. ^{Leaves corner}

2.00 Road to Cal's ranch, bet. NW.

40.00 Rock in place, 30 ins. high 20x6 ins.

for 1/4 sec. Cor. Marked 1/4 as

N. face and raised a mound of
^{ax at exact cor. point,} stone alongside.

80.00 Set a granite stone 18x10x6 ins.

12 ins.

~~X~~ in the ground for Cor. to sec.

Subdivision F, 16 S., R, 22 E.

10, 11, 14 and 15. Marked with
 4 notches on S. and 2 notches
 on E. edges, and raised a
 mound of stones alongside.
 Land rolling and covered
 with huge granite boulders.
 Soil, poor.
 Few scattering scrub oaks.

East on a random line bet. sec. 11, and 14.
 Va. 12° E.

Over rolling country with granite boulders

- 740 Road, course N. and S.
 10.06 Set temporary 1/4 sec. Cr.
 15.32 Road, bet. S. E. and N. W.
 78.20 Road, bet. S. E. and N. W.
 79.93 Intersect; N. and S. line 25 W.

Subdivision F, 16 S, R 22 E

S. of Cor. to secs. 11, 12, 13, and 14
Thence I run,

S. 89° 49' W. on a true line bet. secs. 11 and 14,
With same Va.

3996 Rock in place marked with $\frac{1}{4}$ and
 $\frac{1}{2}$ at point of Measurement and
Raised a mound of stone alongside

7993 E. W. Cor. to secs. 10, 11, 14 and 15.
Round, rolling Covered with large boulders
Soil, rocky, poor.
No timber. some grass.

North, bet. secs. 10 and 11.

Va. 12° E.

Over rough granite boulders,

4000 Set a granite stone 30x18x15 ins.
^{22 ins.}
~~X~~ in the ground for $\frac{1}{4}$ sec. cor.

Subdivision F. 16 S. R. 22 E.

- Marked $\frac{1}{4}$ on W. face, and raised a mound of stone alongside.
- 58.00 Ascend steep rocky mountain.
- 75.00 Top of Mountain 600 ft. high, a mass of granite precipices, and extremely difficult to ascend over the rocks.
- 20.00 Set a granite stone $16 \times 8 \times 6$ ins. ^{12 ins} in the ground, for Cor. to sec. 2, 3, 10, and 11. Marked with 5 notches on S. and 2 notches on E. edges, and raised a mound of stone alongside. This Cor. among huge granite boulders, on N. E. face of Mountain.
- Land, worthless. No timber excepting a few scrub oaks.

Subdivision F. 16 S. R. 22 E.

East, on a random line bet. secs. 2 and 11
 Va. $12\frac{1}{2}^{\circ}$ E.

Ascending over rocky ground.

16.50 Foot of high part of mountain.

40.00 Set temporary $\frac{1}{4}$ sec. Cor.

80.25 Intersect N. and S. line 40 lks.
 S. of Cor. to secs. 1, 2, 11, and 12.

Thence I run, va. the same
 S. $89^{\circ} 43'$ N. on a true line bet. secs. 2 and 11.

40.12 Set a granite ^{stone} $18 \times 10 \times 3$ ins. $\frac{12}{4}$ in
 the ground for $\frac{1}{4}$ sec. Cor. Marked
 $\frac{1}{4}$ on N. face, raised a mound
 of stone alongside.

A black oak 10 ins. diam. pros.

N. 30° E. 15 lks. dist. Marked $\frac{1}{4}$ S. B.T.

A black oak 8 ins. diam. pros.

N. 60° W. 22 lks. dist. marked $\frac{1}{4}$ S. B.T.

Subdivision T. 16 S. R. 22 E.

80.25⁰ The Cor. to sees, 2, 3, 10, and 11,
 Land, rough and broken.
 Soil, rocky and worthless.
 Some scrubby oak trees.

North, on a true line bet. sees, 2 and 3,
 Var. $12\frac{1}{2}^{\circ}$ E.

Descending abruptly over broken
 rocky, country.

25.00 Foot of Mountain in flat, or valley.

40.00 Set a granite stone $24 \times 8 \times 3$ ins.
^{18 ins.}
 $\frac{1}{4}$ in the ground for $\frac{1}{4}$ see.
 Cor. Marked $\frac{1}{4}$ on N. face
 dug pits $18 \times 18 \times 12$ ins. N. and S.
 $5\frac{1}{2}$ ft. dist; and raised a
 mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
 base alongside.

Subdivision T16 S. R. 22 E.

7990

Intersect the Third Standard
parallel. S. at a point 10.50 chs. E.
of the standard Cor. to secs. 34 and 35
T. 15 S. R. 22 E. The old standard
sec. Cor. was almost obliterated and

I set a granite stone $20 \times 8 \times 7$ ins.
15 ins in the ground.

1 Marked with S. C. on N. and 4
notches on N. and 2 notches on E.
edges. dug pits $18 \times 18 \times 12$ ins. N.
E. and W. $5\frac{1}{2}$ ft. dist. and raised
a mound of earth 2 ft. high $4\frac{1}{2}$
ft. base along side. at the point
where I found the charred stake and
decayed post and old mound and pits.
From which a hackberry ^{9 ins.} brs. N. $34\frac{1}{2}^\circ$
N 165 lks. with old Marks yet plain
A Adobe Cabin brs. S. 6° E. 114 lks. dist

Subdivision F. H. S. R. 22 E.

At ~~the~~ point ^{where} I intersect the
 standard line I set a granite
 stone 18 X 7 X 6 in. ^{12 in.} ~~2~~ in the ground
 for Closing Cor. to sec. 2 and 3
 Marked C. C. on S. with 2
 notches on E. and 4 notches on
 W. edges, and raised a mound
 of stone alongside.

Soanel, rolling and hilly,
 Soil, 4th rate,
 No timber, some grass.
 This point is in the south
 suburbs of Russellville.

At this place Dec. 27, 1886.
 By observation with solar apparatus
 I find the latitude to be $32^{\circ} 7' - 17''$ N.

Subdivision F. 16 S. R. 22 E.

From the Cor. to sec. 3, 4. 33 and 34 on S. boundary of township, which is a stone properly set with 3 notches on E. and W. edges mound of stone alongside.

I run,

North, bet. sec. 33 and 34.

Va. 12° E.

Over rolling country.

40.00

set, a stone 14x8x5 ins. ^{9 ins.} _{2 7/8 in}

the ground for 1/4 sec. Cor. Marked

1/4 on W. face. dug pit 18x18x12

ins. N and S ^{of stone} 5 1/2 ft. dist. and raised

a mound of earth alongside 1/2 ft. ^{higher} high 3 1/2 ft. base. alongside.

Ascending gentle slope good grass

80.00

Set a granite stone 18x10x6 ins. ^{12 ins.} _{2 7/8} in the ground for Cor. to sec.

Subdivision F, 16 S, R, 22 E.

27, 28, 33, and 34. Marked with
1 notch on S, and 3 notches on
E. edges. ~~and~~ raised a mound
of stone alongside.

Land, rolling, very rocky,
Soil, 4th rate.

Good grass, no timber.

East on a random line bet. secs. 27 and 34.
Va. 12° E.

Over rolling hills, rocky.

6.00 Prairie, Course S.

20.00 Top of hill 250 ft. high, descend

40.00 Set temporary 14 sec. cor. Foot of hill

80.31 Intersect N. and S. line, 22 R. 21.

of Cor. 4 sec. 26, 27, 34, and 35;

Thence I turn,

Subdivision T16S. R. 22 E.

N. 89° 51' W. on a true line bet. sec. 27 and 34
Var. the same.

40.15 Set a granite stone 18 X 7 X 6 ins. ^{17 ins.} ~~18~~
in the ground for 1/4 sec. Cor. Marked
1/4 on N. face, raised a mound of
stone alongside.

80.31 The Cor. to sec. 27, 28, 33 and 34.
Land, rolling hills.
Soil, rocky and poor.
No timber. Good grass.

North, bet. sec. 27 and 28.
Var. 12° E.

Ascend slope.

40.00 Rock in place 2 ft. high 6 X 6 ft.
at each cor. point.
Marked with X and 1/4 on N. face.
for 1/4 sec. Cor.; raised a mound

Subdivision F. 16 S. R. 22 E.

of stone alongside.

62.00 Top of ~~hill~~ ridge about 700 ft. high
km. N.E. and S.W. descend.

80.00 Foot of hill on N.W. side set a
granite stone $22 \times 9 \times 6$ ins. ¹⁶/₃₄ in.
the ground for Cor. to sec. 21
22, 27 and 28. Marked with 2
notches on S. and 3 notches on
E. edges, and raised around
of stone alongside.

Land, Mountainous.

Soil, rocky, 4th rate;

No timber. Good grass.

East, on a random line bet. sec. 22 and 27.

Va. 12° E.

Ascending steep hill, rocky.

Subdivision F, 16 S, R 22 E.

- 13,00 Top of ridge about 600 ft. high
hrs. N.E. and S.W. descend.
- 40,00 Foot of hill set - Temporary $\frac{1}{4}$ sec. Cir.
- 80,61 Intersect: N. and S. line 53 ft. N. of
Cov. to sec. 22, 23, 26, and 27.
Fence I run,
With same, Va.
N. $89^{\circ} 37'$ W. on a true line bet. sec. 22 and 27.
- 40,30 Set a granite stone $15 \times 10 \times 6$ ins. ^{10 ins.} $\frac{3}{8}$ in
the ground for $\frac{1}{4}$ sec. Cir. Marked
 $\frac{1}{4}$ on N. face; raised a mound
of stone alongside.
- 80,61 The Cov. to sec. 21, 22, 27, and 28.
Land, Mountainous.
Soil, rocky and poor.
No timber. Good grass.

Subdivision T. 16 S. R. 22 E.

North bet. sec. 21 and 22.

Val. 12° E.

Proceeding over rocky land.

40.00 Set a granite stone 22 x 7 x 5 ins. ^{16 ins.} ~~off~~ in
the ground for 1/4 sec. Cor. Marked
1/4 on N. face; raised a mound of
stone alongside.

60.00 Dry wash. 15 blocks with course S. W.

61.00 Road from St. A. Culloways ranch to
Coles ranch along Canon Course S. W.

80.00 On N. face of a granite boulder
18 ft. high ^{each floor.} marked point with X
and 3 notches S. and E. of cross
and raised a mound of stone
alongside. From which
a black oak, 8 ins. diam. hrs S. 3° W. 97 lbs.
dist. Marked T. 16 S. R. 22 E. S. 21. B. T.

Subdivision T16S R22E

a black oak 10 ins. diam. fr. N. 60 W. 9 S. 1/4 Sec.
 Marked T. 16 S. R. 22 E. S. 16. 1771

Ground, covered with huge granite
 boulders.

Soil poor. Some grass.

Scattered oak trees. Ash along
 ravine.

East, on a random line bet. sec. 15 and 22.

Var. $12\frac{1}{2}^{\circ}$ S.

Over large granite rocks, standing
 10 to 20 ft. high. land rolling.

12.10 Ravine 10 Mts wide course S. W.

13.50 Road from Calhoun to Colis,
 course N. E. and S. W.

40.00 Set temporary $\frac{1}{4}$ sec cor.

80.25 Intersect N. and S. line 15 Mts.

Subdivision T. 6. S. R. 22. E.

S. of Cor. to sec. 14, 15, 22 and 23,
Thence Irons,

S. 89° 54' W on a true line bet. sec. 15 and 22
Var. 12° E.

40.11 Set a stone 18x12x3 ins. ^{12 ins} ~~12~~ in the
ground for 1/4 sec. Cor. Marked.

1/4 sec. Cor. raised a mound of
stone alongside. From which.

A black oak, 12 ins. diam. brs. N 62 1/2° E.
50 lbs. dist. Marked 1/4 S. B.T.

A black oak 6 ins. diam. brs. S. 21° E.

50 lbs. dist. Marked 1/4 S. B.T.

80.23 The Cor. to sec. 15, 16, 21 and 22.

(So and rolling and rough covered
with large granite rocks).

Soil granite gravel.

Scrub oak timber. Some grass.

Dec. 28, 1886.

Subdivision T16 S R22 E.

North, bet. secs. 15 and 16.

Val. $12\frac{1}{2}^{\circ}$ E.

Over rolling rocky country.

40.00 Set a granite stone $17 \times 7 \times 7$ ins. ^{11 ins.} _{2 1/2}
in the ground for $\frac{1}{4}$ sec. Cr.

Marked $\frac{1}{4}$ on W. face; raised
a mound of stone alongside.

80.00 Rock in place 5 ft. high 20×3
ft. Marked with ^{at exact cor. point,} X and 4 notches
on S. and 3 notches on E. of cross
for Cor. to secs. 9, 10, 15, and 16 and
raised a mound of stone alongside.

Land rough and rolling, surface
covered with large granite rocks
Soil worthless. Some grass.
Scattering oak timber.

Subdivision 7.16 S. R. 22 E.

East, on a random line bet. sec. 10 and 15.

Var. $12\frac{1}{2}^{\circ}$ E.

Over large granite rocks.

40.00 Set temporary $\frac{1}{4}$ sec. Corn

79.68 - Intersect - N. and S. line 45 lbs.

N. of Corn to sec. 10, 11, 14 and 15

Fence I run,

N. $89^{\circ}41'$ N. on a true line bet. sec. 10 and 15.

Var. 12° E.

39.84 Set a granite stone $18 \times 6 \times 5$ ins. ^{12 ins.} ~~$\frac{3}{5}$~~
in the ground for $\frac{1}{4}$ sec. Corn

Marked $\frac{1}{4}$ on N. base; raised
a mound of stone alongside.

A black oak 14 ins. diam. bro. S. 9° E. 21 lbs.

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

A black oak 6 ins. diam. bro. S. 89° E. 40 lbs.

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

Subdivision F16SR22E

7968 The Cont. sees, 9, 10, 15, and 16.
 Land, covered with large rocks,
 Soil, worthless.
 Scattering oak trees. Fair guess.

North bet. sees. 9 and 10,

Va. $12\frac{1}{2}^{\circ}$ E.

Over rolling land covered with
 large granite Rocks.

40.00

Rock in place, which is about 18 ft.
 high ^{at about 20 feet} marked with X and $\frac{1}{4}$ on
 W. Side at ^{2400 ft} point of measurement
 and raised a mound of stones

alongside for $\frac{1}{4}$ sec. cor.

A black oak, ^{12 ins. diam.} brs. S. 47° E. 72 ft. dist.

Marked $\frac{1}{4}$ S. B. T.

A black oak 10 ins. diam. brs. S. 10° E.

Subdivision 776 S. R. 22 E.

- 4000 ft. dist. Marked $\frac{1}{4}$ S. B.T.
- 66.50 Ravine, course S. W.
- 71.50 Top of ridge, course E. and W. 200 ft. high
- 76.00 Cañon 200 ft. deep, course S. W.
- 80.00 Set a granite stone $16 \times 7 \times 5$ ^{11 in. high}
 in the ground for Cor. to sec. 3, 4,
 9, and 10, Marked with 5 notches
 on S. and 3 notches on E. Edges;
 raised a mound of stone along
 side.

Soil and hilly, and covered with
 masses of huge granite rocks.
 Soil, rocky and worthless
 scrub oak trees, some grasses

Subdivision F16 S. R22 E

East. on a random line bet. secs. 3 and 10.

Var. $12\frac{1}{4}^{\circ}$ E.

Over rough broken land.

40.00 Set temporary $\frac{1}{4}$ sec. Cor. and
ascend Mountain

80.38 Intersect, N. and S. line 20th.

So. of Cor. to secs. 2, 3, 10 and 11.

Thence I run

S. $89^{\circ}30'$ W. on a true line bet. secs. 3 and 10.

Var. $12\frac{1}{2}^{\circ}$ E.

Ascending, over rocks.

40.19 Set a granite stone $19 \times 6 \times 5$ ins. ^{15 in} _{2 1/4}
in the ground for $\frac{1}{4}$ sec. Cor.

Marked $\frac{1}{4}$ on N. face and
raised a mound of stone
along side.

80.38 The Cor. to secs. 3, 4, 9 and 10.

Subdivision F, 16 S. R. 22 E.

Land, Mountainous, covered
with large granite rock.
Soil, Worthless.
Oak timber, some grass.

North, or a true line bet. sec. 3, and 4.

Var. $12\frac{1}{4}^{\circ}$ E.

Ascending over rocky lands

40.00 Set a granite stone $20\frac{1}{2} \times 9 \times 4$ ins ^{15 ins.} ~~4~~
in the ground for $\frac{1}{4}$ sec. cor.

Marked $\frac{1}{4}$ on N. face raised
a mound of stones alongside
A black oak 10 ins. diam. brs. S. 49° E.
30 Yrs. dist. marked $\frac{1}{4}$ S. B.T.

80.53 Intersect the Third Standard
Parallel South. at a point 10.21
chs. E. of the Standard Cor. to sec. 3.

Subdivision T16 S, R22 E

33 and 34, T15 S, R22 E, at which point I set a granite stone 17x6x5 ins. ¹¹/₈ in the ground for Chasing Cor. to sec. 3 and 4.

Marked C, C, on S. and 3.

Verteeks on E. and W. edges, deep pits 18x18x10 ins. S. E. and W. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside. From which

A black oak, 2 ft. diam. brs. S. 65° E.

66 ft. dist. Marked T16 S, R22 E, S. 3, C. C., B. T.

A black oak 18 ins. diam. brs. S. 61 1/2° E.

161 ft. dist. Marked T16 S, R22 E, S. 3, C. C., B. T.

^{No other trees within limits}
No and rolling.

Soil, worthless sand rocky.

Scattered scrub oak.

Subdivision T16 S, R22 E,

From the Cor. to sees. 4, 5, 32 and 33, on S. boundary, which is a stone. Marked with 4 notches on E. and 2 notches on W. edges with a mound of stone alongside (previously set for my -
I run,

North, bet. sees. 32 and 33
Va. 12° E.

Over Rolling Mesa.

40.00 Set a granite stone $17 \times 7 \times 6$ ins. ^{11 ins.} ~~7~~
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. and S. ^{top of cor.} $5 \frac{1}{2}$ ft dist.
raised a mound of stone alongside.

64.60 Rocky ravine, Course S.W.

80.00 Set a granite stone $18 \times 14 \times 6$ ins. ^{12 ins.} ~~6~~
in the ground for cor. to sees. 28, 29,

Subdivision F. 16 S. R. 22 E.

32 and 33. Marked with 1 notch
on S. and 4 notches on E. edges
and raised a mound of straw
alongside.

Loam, rolling mesa.
Soil, 4th rate.

No timber, Good grass.

East on a random line bet.
secs 28. and 33.

Var. 12° E.

Over rolling hills.

- 19.00 Ravine, across S.
- 25.00 Ascend hill.
- 40.00 Set temporary 1/4 sec. cor
- 48.00 Top of hill 300 ft. high descend
- 52.00 Foot of hill

Subdivision T. 16 S. R. 22 E.

- 65,25 Ravine, Course S. W.
- 74,20 Ravine, Course S. W.
- 79,90 Intersect N. and S. line 15 1/2 S. of Cor. to sec. 27, 28, 33 and 34.
Thence Iron,
S. 89° 54' W. on true line bet. sec. 28 & 33
Var. the same.
- 39,95 Set a granite stone 14 X 7 X 6 ins. ^{9 ins.} ~~4~~
in the ground for 1/4 sec. Cor.
Marked 1/4 on N. face. and
raised a mound of stone
alongside.
- 79,90 The Cor. to sec. 28, 29, 32 and 33.
Soil, rough rocky hills.
Soil, poor and rocky
No timber, Good grass

Subdivision F. 16 S. R. 22 E.

North, bet. sec. 28 and 29.

Va 12° E.

Over rolling mesa.

25.00 Ravine, Course S. W.

40.00 In flat, set a granite stone $16 \times 7 \times 4$ ins. ^{11 ins.} ~~10~~ in the ground for $\frac{1}{4}$ sec. Cor. Marked $\frac{1}{4}$ on N. face dug pits $18 \times 18 \times 12$ ins. N. and S of ^{stone} $5\frac{1}{2}$ ft. dist. raised a mound of earth, $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside.

45.00 Road from Cales ranch to Benson, Course S. W. and N. E.

48.85 4 hickory trees in a cluster on line. Marked with notches.

51.00 Ravine 100 ft. wide Course S. W.

52.88 Ash tree 6 ins. diam on line. Marked.

Subdivision T. 16 S. R. 22 E.

Ascend rocky slopes of hills.

80.00

Set a granite stone ^{15 ins.} 20x8x8 ins. ~~7~~
in the ground for Cor. to sec. 20,
21, 28 and 29. Marked with 2
notches on S. and 4 notches on
E. edges and raised a
mound of stone alongside.

Go and rolling.

Soil, 4th rate.

No timber excepting a few ash
along ravine. Dec. 29 1886.

Tuesday

East on a random line bet. sec. 21

and 28.

Var. $12\frac{1}{2}^{\circ}$ E.

Rescinding over rough rocky land.

20.00

Foot of hill

Subdivision F. 16 S. R. 22 E.

- 21.00 Ravine 25 lks. wide br. S. 45° W.
- 25.00 Road from Calis to Calloway ranch
along main course S. W. & N. E.
Ascend rocky hillside.
- 40.00 ^{Set temporary 1/4 sec. corner}
79.81 Intersect N. and S. lines. 5 lks.
N. of Cor. to sees. 21, 22, 27 and 28.
Thence I run,
N. $89^{\circ} 38'$ W. on a true line. bet. sees 27 & 28
N. 12° E.
- 39.90 Set a granite stone $24 \times 7 \times 4$ ins. ^{18 in.} ~~9/4~~
in the ground for 1/4 sec. Cor.
Marked 1/4 on N. face; raised
a mound of stone around it.
A black oak 12 ins. diam. br.
N. 26° W. 97 lks. dist. Marked 1/4 S. B. T.
A black oak 8 ins. diam. br. S. 85° W.
2.14 chs. dist. Marked 1/4 S. B. T.

Subdivision F. 16 S. R. 22 E.

- A spring and small lumber house of
Howard A. Calloway bro. N. $13\frac{1}{2}^{\circ}$ E.
38.12 chs. dist; 3 chs. north of road.
- 60.06 From this point on line. Chas. & Cal's
Struse bro. S. 28° W 9.68 chs. dist.
- 79.81 The Cor. to sec. 20, 21, 28, and 29.
So and, rolling and rough.
Soil, rocky. some grass.
Few scattering trees.
-
- North, bet sec. 20. and 21.
Var. $12\frac{1}{2}^{\circ}$ E.
- 40.06 Ascending along W. side of mountains.
12 ins.
Set a granite stone $18 \times 8 \times 6$ ins. $\frac{1}{4}$
in the ground for $\frac{1}{4}$ sec. Cor. Marked
 $\frac{1}{4}$ on N. face; raised a mound
of stone about it.

Subdivision T. 16 S. R. 22 E.

80.00 Marked a Rock in place 24 ins. high
 at exact cor. point
 18 X 8 ins. with X and 3 notches
 S. and 4 notches on E. edge
 for Cor. to sec. 16, 17, 20, and 21
 and raised a mound of
 stone alongside.

A granite rock 15 ft. high 20
 X 12 ft. br. S. 45° E. 5 Mts. plus cor.
 On E. side near foot of high rocky
 Mountain.

Ground, rough and broken covered
 with huge granite rocks.
 Soil, worthless.

Scattering scrub oaks.

By observation I find by the
 solar apparatus the latitude to be
32° 04' 43" N. Dec. 30, 1886.

Subdivision T/16 S.R. 22 E.

East wa/ random line bet. secs. 16 and 21,
Var. $12\frac{1}{2}^{\circ}$ E.

Here sending over very rocky country.

40.00 Set temporary $\frac{1}{4}$ sec. Cor.

73.58 Ravine, Course S.E.

74.80 Ravine, Course S.E.

79.78 Intersect. N. and S. lines 44 ft.

N. of Cor. to secs. 15, 16, 21 and 22

of
Fence I run,

with same var.

N. 89° 42' W. on a true line bet. secs. 16 and
21. with same variation

39.89 Set a granite stone $17 \times 12 \times 7$ ins. ^{11 ins.} ~~13~~
in the ground for $\frac{1}{4}$ sec. Cor.

Marked $\frac{1}{4}$ m. N. face; raised a
mound of stone alongside

42.76 a black oak 12 ins. diam. on line.

Subdivision F. 16 S. R 228

- 79.78 The cor. & secos. 16, 17, 20 and 21
 Broad, rough and rolling covered
 with masses of granite rocks.
 Soil, worthless.
 A few scrub oaks.
-
- North. bet. secos. 16 and 17.
 Va. $12\frac{1}{2}^{\circ}$ E.
 Ascending side of very rough, rocky,
 ridge.
- 30.76 An oak tree on line
- 31.00 Top of rocky ridge 250 ft. high
 bet. E. and W. and descend
 steep slope.
- 40.00 set a granite stone, 16x14x6 ins.
~~11 ins.~~
~~1/3~~ in the ground marked 1/4 on

Subdivision F. 16 S. R. 22 E.

N. face; raised a mound of stone alongside which is on N. face of Mountain.

78.50 Ravine at foot of Mountain Course N.

80.00 Corner on S. End of a granite rock 20 x 15 ft. 12 ft. high.

Marked with X, ^{at exact corner point} with 4 notches on S. and E. of Cross; for Cor. to sec. 8, 9, 16 and 17. Raised a mound of stone alongside of ~~cross~~.

Level, Mountainous, and covered with masses of large granite rocks. Soil, worthless.

Scrubby oak timber, good grass.

Subdivision F, 16 S. R. 2, 2, E.

East, on a round line bet. sec. 9 and 16
 Va. $12\frac{1}{2}^{\circ}$ E.

Over huge granite boulders.

40.00 Set temporary $\frac{1}{4}$ sec. Cor.

79.35 Intersect. N. and S. line 31 $\frac{1}{2}$ S.
 of Cor. to sec. 9, 10, 15, and 16.

Thence I run

S. $89^{\circ}47'$ W. on a true line bet. sec. 9 and 16.

With same Va.

39.67 Marked a rock in place 5 ft.
 high 20×3 ft. with X ^{at exact Cor. point,} and $\frac{1}{4}$ ft.
 point of measurement. for $\frac{1}{4}$ sec.
 Cor. and raised a mound of
 stone alongside of Cross.

79.35 The Cor. to sec. 8, 9, 16 and 17.

Land rolling. Covered with
 immense granite boulders.

Dec. 30, 1886

Subdivision F. H. S. R. 22 E.

North bet. secs. 8, and 9.

Var. $12\frac{1}{2}^{\circ}$ E.

Over large granite rocks,

49.00 Large granite rock, in place, which
is flat and marked with X and $\frac{1}{4}$
at point of measurement for $\frac{1}{4}$
sec. Cor. raised a mound of
stone along side of Cross.

An oak 10 ins. diam. bro. S. 29° W.

232. W. dist. Marked $\frac{1}{4}$ S. B. T.

An oak. 8 ins. diam. bro. N. 45° W.

45 W. dist. Marked $\frac{1}{4}$ S. B. T.

45.50

Raise course S. W.

80.00

Set a granite stone $20 \times 9 \times 8$ ins. ^{15 ins.}
in the ground for Cor. to secs.
4, 5, 8 and 9. Marked with 5 notches
on S. and 4 notches on E. edges
and raised a mound of stone along

Subdivision F. 16 S. R. 22 E.

side.

Land, rolling and covered
with same kind of rocks.
Soil, granite gravel, worthless.
Some, scrub live oak trees.

East, and a ranch line bet. secs. 4 and 9
Va. $12\frac{1}{2}^{\circ}$ E.

Over. Rough rocky Country.

39.30 Ravine, Course S. W.

40.00 Set temporary $\frac{1}{4}$ sec. corner

79.80 Intersect N. and S. lines 62 lks.

S. of corner to secs. 3, 4, 9 and 10.

Thence I run,

S. $89^{\circ} 38'$ W. or a true line bet. secs. 4 and 9.

Va. $12\frac{1}{4}^{\circ}$ E.

39.90 Set a granite stone $18 \times 8 \times 3$ ins. ^{12 ins}

Subdivision T. 16 S., R. 22 E.

in the ground for $\frac{1}{4}$ sec. Cor. Marked
 $\frac{1}{4}$ on N. face; raised a mound
 of stone alongside from which
 an Oak 8 ins. diam. br. N. 8.° W.
 15' N. dist. marked $\frac{1}{4}$ S. B. 7. No other trees in limits

79.80

The cor. to sees. 4, 5, 8 and 9

land, rough and covered with large
 rocks.

Soil 4th rate

Some oak timber Good grass.

North. on a true line bet. sees. 4 and 5.

Var. 12 $\frac{1}{2}$ ' E.

Over rocky land with scattering oak.

40.00

Set a granite stone 18x12x5 ins. ¹²/₃

in the ground for $\frac{1}{4}$ sec. Cor. Marked
 $\frac{1}{4}$ on N. face; raised a mound of

Subdivision T. 16 S. R. 22 E.

- stone alongside From which
 a black oak 6 ins. diam. br. S. 28° E.
 19 ft. dia. Marked 1/4 S. B. 11
 no other trees within limits.
- 53.40 Foot of hill ascend.
- 64.00 Top of Ridge 200 ft. high course N.
- 72.48 Bottom of deep Canon, Course
 S. N. and ascend steep hill
- 79.75 Intersect the Third Standard
 Parallel South at a point 41 ft. W.
 E. of standard sec. cor. to sec. 3
 2 and 33, T. 15 S. R. 22 E. at which
 point I set a slate stone 58 x
 10 x 2 ins. 16 ins. in the ground for
 Closing Cor. to sec. 4 and 5
 Marked C. C. on S. with 4 notches
 on E. and 2 notches on W. wedges
 and raised a mound of stone
 around corner stone From which

Subdivision T, 16 S, R, 22 E.

An oak 20 ins. diam. tr., S. 88° E 305 ft.

dist. Marked T, 16 S, R, 22 E S. 4. C.C., B.T.

This tree is also marked for standard
 sec. ~~Con. perfectly~~ ^{but not a tree.} The standard

sec. ~~con.~~ is in good preservation

So and, Mountainous.

Soil, rocky and weathered.

A few scattering trees.

Subdivision F. 16 S. R. 22 E.

From the Cor. to secs. 5, 6, 31 and
32 on S. boundary of township
which is a stone properly
established and marked with 5
notches on E. and 1 notch on W. with
a mound of stone alongside.

I run.

North, bet. secs. 31 and 32

Var. 12° E.

Over rolling Mesa,

40.00 Set a granite stone $18 \times 7 \times 4$ ins. ~~4~~¹² ins. in
the ground for $\frac{1}{4}$ sec. Cor. Marked
 $\frac{1}{4}$ on W. face; raised a mound of
stone alongside.

50.30 Ravine, Corner S. W.

80.00 Above a charred stake 12 ins. in the
ground for. Cor. to secs. 29, 30, 31 and

Subdivision F. 16 S, R. 22 E.

32, dug pits 18x18x12 ins. in each sec. 5 1/2 ft. list and raised a mound of earth 2 ft. high 2 1/2 ft. base over it. In S. E. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground
Marked —

F. 16 S. S. 29 on N. E.

R. 22 E. S. 32 on S. E.

S. 31 on S. W. and

S. 30 on N. W. faces with 1 notch on S. and 5 notches on E. edges.

Band, rolling mesa.

Soil, 4th rate.

Good grass. No timber.

Subdivision F. 16, R. 22 E.

East, on a random line bet. secs, 29 and 32.
 Var. 12° E.

Over rolling land.

40,00 Set temporary $\frac{1}{4}$ sec. Cor. $\frac{1}{8}$

80,18 Interest N. and S. line, 33 Acs.
 N. of Cor. to secs. 28, 29, 32 and
 33. Thence I run,

$N. 89^{\circ} 46' W.$ on a true line bet. secs, 29 and 32
 Va. the same.

40,09 Set a granite stone $14 \times 10 \times 5$ ins. ^{9 ins} ~~X~~
 in the ground for $\frac{1}{4}$ sec. Cor.

Marked 14 on N. face, raised
 a mound of stone alongside.

80,48 The Cor. to secs. 29, 30, 31 and 32.

So and rolling mesa

Soil, 3^d and 4th rates.

No timber. some grass.

Subdivision T16S, R. 22 E.

Nest, on Waldrond line (see s.)

30 and 31.

Var. 12° E.

Overruling land,

10.50 Key wash 50 Mts. wide, Course S.W.

36.50 Road from Coles ranch to Benson br. S.W. and N.E.

40.00 Set temporary 1/4 sec. Cor.

76.50 Intersect W. boundary line 18 Mts. S. of Cor. to sec. 25, 30, 31 and 36. which is a mound of earth, with pits and stake Marked

T. 16 S. 30 on N.E.

R. 22 E. 31 on S.E.

R. 22 E. 36 on S.W. and

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

Subdivision T. 16 S., R. 22 E.

Fence I run,

S. $89^{\circ}52'$ E. water line bet. sec. 30 and 31.

With va. the same.

36,50

Set a granite stone $22 \times 8 \times 4$ ins. ^{2 1/2 ins} ~~3 1/4~~

in the ground for $1/4$ sec. Cor.
marked $1/4$ on N. face, dug pit.

$18 \times 18 \times 12$ ins. E. and W. ^{of cor.} $5 1/2$ ft. dist.;
raised a mound of earth $1 1/2$ ft. high
 $3 1/2$ ft. base along side.

76,50

The Cor. to sec. 29, 30, 31 and 32.

Band, rolling Mesa.

Soil, 3^d and 4th rates.

No timber. Good grass.

North, bet. sec. 29, and 30.

Va. 12° E.

600

Ravine, 50 Ms. well, Course W.

Subdivision T. 16 S. R. 22 E.

- 11.05 Road: from Coles to Benson tr. S.W. 1/4
- 40.00 Set a granite stone 20 X 8 X 5 ins.
^{15 ins} in the ground for 1/4 sec. Cor.
 Marked 1/4 low W. face; raised
 a mound of stone alongside.
 Ascending ridge
- 80.00 Set a granite stone 30 X 7 X 6 ins. ^{23 ins.}
 in the ground for Cont's sec. 19,
 20, 29, and 30. Marked with 2
 notches on E. S. and 5 notches
 on E. edges raised a mound
 of stone alongside.
 Land rolling,
 Soil 4th rate,
 No timber, good grass.

Subdivision T, 16 S, R. 22 E.

East, on a random line bet. secs. 20, 21, and 29

Var. $12\frac{1}{4}^{\circ}$ E.

Over rolling hills.

10,00 Top hill 150 ft. high

25,00 Ravine. Course S.

40,00 Set temporary $\frac{1}{4}$ sec. Cor.

80,35 Intersect N. and S. line 41 lks. S.
of Cor. to secs. 20, 21, 28 and 29.

Fence S run,

S $89^{\circ}42'$ N. on a true line bet. secs. 20, and 29.

Var. $12\frac{1}{2}^{\circ}$ E.

4017 Set a granite stone $10 \times 9 \times 6$ ins. ^{11 ins.} ~~7~~
in the ground for $\frac{1}{4}$ sec. Cor.

Marked $\frac{1}{4}$ on N. face; raised
a mound of straw alongside.

80,35 The Cor. to secs. 19, 20, 29, and 30.

Gravel, rolling, and rocky.

Subdivision F. H. S. R 22 E.

Soil, worthless.

No timber. Good grass.

West, on a random line bet. sec. 19 and 30

Var. $12\frac{1}{4}^{\circ}$ E.

Ascending over hill, very rocky

7,00 Top of ridge bet. S.W. & N.E. 150 ft.
high, and descend

17,50 Ravine at bottom hill Course S.W.

40,00 Set temporary $\frac{1}{4}$ sec. Cor.

64,00 Ravine Course S.W.

66,70 Road from Coles to Gregor's ranch.
Course N.W. and S.E.

76,65 Interset - N. boundary line 12 ft. S. of Cor. to sec. 19, 24 25 and 30, which is a stone marked with 2 notches on S. and 4 notches on N.

Subdivision T. 16 S. R. 228

Edges and mound of stone alongside
Fence I run,

S. $89^{\circ}55'$ E. on a true line bet. secs. 19 and 20
Va. $12\frac{1}{4}^{\circ}$ E.

36.65 Set a granite stone $16 \times 10 \times 5$ ins. ^{11 ins.} in the ground for $\frac{1}{4}$ sec. Cor. Marked $\frac{1}{4}$ on N. face, raised a mound of stone alongside

76.65 The Cor. to secs. 19, 20, 29, and 30.
So and, rough and broken.
Soil, rocky and worthless.
No timber. Good grass.

Dec 31, 1876

North, bet. secs. 19 and 20.
Va. $12\frac{1}{4}$ E.

Ascending a steep rocky hill.
Top hill 250 ft. high.

21.50

Subdivision T. 16 S. R. 20 E.

40.00 Set a granite stone 17X9X7 ins. ^{11 ins. in} ~~X~~
 in the ground for $\frac{1}{4}$ sec. Cor.
 Marked $\frac{1}{4}$ on N. face; raised
 a mound of stone alongside.

105.00 Foot hill.

80.00 Set a granite stone 26X8X3 ins. ^{11 ins. in} ~~X~~
 in the ground for Cor. to secs. 17,
 18, 19, and 20. Marked with 3
 notches on S. and 5 notches on
 E. edges; raised a mound of
 stone alongside.

Gravel, Mountainous.
 Soil, rocky and worthless.
 No timber, good grass.

East on a random line bet. sec.
 17 and 20.

Subdivision F. 16 S. R 22 E

Var. $12\frac{1}{4}^{\circ}$ E.

Overruling land, ascending

40.00 Set temporary $\frac{1}{4}$ sec. Cor.

68.00 Top of rocky hill 700 ft. high,

80.60 Interest "band S. line 44 ft.
S. of Cor. to secs. 16, 17, 20 and 21
Thence S run,

S. $89^{\circ}41'$ W. on a true line bet. secs 17 and 20

Var. $12\frac{1}{2}^{\circ}$ E.

Ascending rough steep Mountain.

40.30 Set a granite stone $16 \times 9 \times 6$ ins.

11 ins.

~~3~~ in the ground for $\frac{1}{4}$ sec. Cor.

Marked $\frac{1}{4}$ on N. face; raised a mound of stone alongside.

80.60 The Cor. to secs. 17, 18, 19, and 20.

Land, Mountainous.

Soil, rocky and poor.

Subdivision F. 16, S. R. 22 E.

West on a random line bet. sec. 18 and 19,
 Va. $127^{\circ}40' E$

Over broken rough ground

40.00 Set temporary $1/4$ sec. Cor.

44.58 Ravine, course S.W.

54.70 Ravine, course S.W.

60.00 Top of low ridge bet. S.W. and N.E.

76.60 Intersect. N. boundary line of the
 S. of Cor. to sec. 13, 18, 19, and 20.
 Hence I run,

$S 89^{\circ}50' E$, on a true line bet. sec. 18 and 19.

86.60 Set a granite stone $18 \times 6 \times 4$ ins, $\frac{12}{13}$
 in the ground for $1/4$ sec. Cor.

Marked $1/4$ on N. face; raised

76.60 a mound of stone along side,
 from Cor. to sec. 17, 18, 19 and 20.
 Sand, rough and rocky.

Soil, 4th rate. No timber.

Subdivision F16 S, R22 E.

North bet. sec. 17, and 18,
Var. $12\frac{1}{4}^{\circ}$ E.

Over rocky prairie country.

40.00 Marked a rock in place $24 \times 18 \times 12$
ins. high on W. face. $\frac{1}{4}$ and $\frac{1}{4}$ for
 $\frac{1}{4}$ sec. Cor. raised a mound of
stone alongside. This cor. is
on E. slope near top of hill 200 ft high.

60.50 Prairie 500 yds wide bottom hill course S. W.

80.00 Set a granite stone $20 \times 9 \times 8$ ins.
^{15 in} ~~3~~ in the ground for. Cor. to sec.
7, 8, 17, and 18. Marked with 4
notches on S. and 5 notches on
E. edges; raised a mound of
stone alongside.

The last half of section is very rough
Covered with huge granite rocks.

Subdivision F, 16 S, R. 2, E.

Scattering out trees

Soil worthless Good grass.

East, on a random line bet. secs. 8 and 17.

Var. $12\frac{1}{2}^{\circ}$ E.

Over rough broken country, covered with large granite rocks.

4000

42.50

80.74

by temporary $\frac{1}{4}$ sec. Cor.

Ranis church S.W.S

Intersect - N. and S. line (with S.

of Cor. to secs. 8, 9, 16, and 17.

Fence I run.

S. $89^{\circ} 34' W$ on a true line bet. secs. 8 and 17

Var. $12\frac{1}{2}^{\circ}$ E.

4032

Set a granite stone $22 \times 8 \times 6$ ins. ^{14 in.} ~~12~~

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

Marked $\frac{1}{4}$ on N. face; raised a mound of stone alongside Fence.

Subdivision Filed S. R. 22 E.

80.74 which a black oak 6 ins. ~~dia~~ $83\frac{1}{2}^{\circ}$ E.
 20 kcs. dist. Marked $\frac{1}{4}$ S. BT,
^{for other trees in limits}
 The Cor. to secs. 7, 8, 17 and 18.
 Ground rough and covered with
 masses of granite rocks,
 Soil, worthless,
 Scattered oaks, Fair grass.

West on a random line bet. sec. 7 and 18.
 Var. $12\frac{1}{2}^{\circ}$ E.

Over rough land, rocky.

40.00 Set temporary $\frac{1}{4}$ sec. Cor.

56.20 Ravine, course S.

23.97 Top of ridge: 200 ft. high to N and S.

76.47 Intersect W. boundary line 42 kcs
 S. of Cor. to secs. 7, 12, 13 and 18.

which is a stone properly established

Subdivision F. 16 S. R. 22 E.

with a mound of stones along side.

Thence I run,

S. $89^{\circ}42'$ E, on a true line bet. sec. 7 and 18

Var. the same,

36.47 Set a stone $18 \times 7 \times 6$ ins. ^{12 ins.} ~~4~~ in

the ground for $\frac{1}{4}$ sec. cor.

Marked $\frac{1}{4}$ on N. face raised a mound of stones alongside.

76.47 Thw. Cor. to sec. 7, 8, 17, and 18,

Chaut. rolling hills,

Soil, rocky and worthless.

No timber. Good grass,

North, bet. sec. 7 and 8.

Var. $12\frac{1}{2}^{\circ}$ E.

Ascending over rocky ground,

Subdivision F16SR228

- 35.00 Top of ledge of rock 100 ft. high
bet. N.E. and S.W.
- 40.00 Mark rock in place 20 ft. high
on N. face with X ^{at exact cor. point.} and $\frac{1}{4}$ for $\frac{1}{4}$
sec. Cor. ^{Raise a mound of stone alongside} From this corner
black oak 12 ins. diam. hrs. 236° W
20 ft. dist. Marked $\frac{1}{4}$ S. P.T. 2 with
tree man
- 43.00 Leave ledge and descend,
- 80.00 Top of ridge bet. E. and W set a
granite rock 14 X 8 X 8 ins. ^{2 1/2} in
in the ground for Cor. to sec. 5,
6, 7, and 8. Marked with 5
notches on S. and E. edges,
raised a mound of stone
alongside.
Sound, rough and rolling.

Subdivision T. 16 S., R. 22 E.,

Soil, rocky, 4th rate,
No timber, Good grass.

Eastward random line bet. secs. 5 and 8.

Var. $12\frac{1}{2}^{\circ}$ E.

Over rolling rocky land descending.

40.00 Set temporary $\frac{1}{4}$ sec. Corn

Enter very rocky country

80.60 Intersect. N. and S. line 37 Secs.

S. of Cor. to secs. 4, 5, 8 and 9.

Thence S run,

S. $89^{\circ}44'$ N. on a true line bet. secs. 5 and 8.

Var. $12\frac{1}{2}^{\circ}$ E.

40.30 Set a granite stone $14 \times 11 \times 4$ in

^{9 ins.} X in the ground for $\frac{1}{4}$ sec. Corn

Marked 14 on N. face; raised a

mound of stone alongside. From which

Subdivision F, T6S, R, 22E

An Oak 10 in. diam. to S. 78° W.
66 ft. dist. Marked $\frac{1}{4}$ S. B.T.
No other trees near

80.00 The Cont. sec. 5, 6, 7, and 8.
Road, rolling. Rocks over surface.
Soil, rocky and worthless
No timber, good grass.

Nest, on a random line bet. sec. 6 and 7.
Va. $12\frac{1}{2}^{\circ}$ E.

38.00 Canon. Course S. W. ascend

40.00 Set temporary $\frac{1}{4}$ sec. Cor.

76.74 Intersect - No boundary line 60 ft. S.
of Cor. to sec. 1, 6, 7, and 12.
Thence I run.

S. $89^{\circ}34'$ E. on a true line bet. sec. 6 and 7.
Va. $12\frac{1}{2}^{\circ}$ E.

Subdivision T. 16. S. R. 22 E.

- 3674 Set a granite stone $24 \times 6 \times 4$ ins. ^{12 ins.} ~~3~~
 in the ground. for $\frac{1}{4}$ sec. Cor.
 Marked $\frac{1}{4}$ on N. face, raised
 a mound of stones alongside.
- 7674 Fly Cor. to secs. 5, 6, 7, and 8.
 Land, rough and Mountainous.
 Soil, rocky, and poor.
 No timber, Good grass.

North, on a true line bet. secs. 5, and 6,
 Va $12\frac{1}{2}$ E.

Cover rough Mountainous, land.

3068 Bottom Cañon, Course S. W.

- 4000 Set a granite stone $18 \times 7 \times 5$ ins.
~~3~~ ^{12 ins.} in the ground for $\frac{1}{4}$ sec. Cor.
 Marked $\frac{1}{4}$ on N. face, raised
 a mound of stones alongside.

Subdivision T. 16 S., R. 22 E.

^{10 in. diam.}
 W. Magnolia, brs. S. 63° W., 10 lks.
 Marked 1/4 S., B.T.

W. White oak, 10 in. diam. brs.
 S. 42° E., 42 lks. dist. Marked 1/4 S., B.T.

74.00 Top of ridge brs. E. and W.

79.60 Intersect. the Third Standard
 Parallel South, at a point 8.00 chs.
 W. of standard. Cor. to sec. 31 and
 32 T. 15 S., R. 22 E., at which point I
 set a granite stone 24 X 6 X 5 ^{1/2 in. diam.} ins. for
 Closing Cor. to sec. 5 and 6.

Marked C.C. w. s. with 5 notches
 on E. and 1 notch on W. edges
 and raised a mound of stone
 alongside.

Ground Mountainous
 Soil rocky. No timber, good grass.

Sec. Jan. 1st 1887

Subdivision T. 16 S. R. 22, E.

General Description.

This township lies on the south end of the ^{or Little Dragon} Keimstone Range, and is mostly rough hills and mountains. The surface is covered with masses of huge granite rocks in the central and northern portions. Among these rocks is a scattering growth of live oak timber, fit only for fuel.

Most of the township produces very good grass.

There are some mining excavations in secs. 13, 23, and 24.

There are settlers in secs.

12, 14 and 28, and a house
and spring in each of secs.
11 and 21.

The town of Russellville lies
just north of secs. 2 and 3.
Wagon Station on the Southern
Pacific Railroad is just to the
east of sec. 2. Hard mar is -

C. B. Wallace

U.S. Deputy Surveyor

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BOOK 907

U. S. Surveyor-General's Office,

TUCSON, A. T. June 13 1888

The foregoing Field Notes of the Surveys of
the subdivision lines of
T. 16 S. R. 22 E.

Gila and Salt River Meridian
in Arizona, executed by
Clarence H. Wallace

U. S. Deputy Surveyor, under his contract dated
April 26th 1886
having been critically examined, the necessary correc-
tions and explanations made, the said Field Notes and
the surveys they describe are hereby approved.

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