

1447

No. 1447

Retracement

4-671

FIELD NOTES
GENERAL LAND OFFICE.

*R. W. and S. boundaries
T. 22 N. R. 14 West.*

No. 1447

Field Notes
 of the
 Survey of the Retracement
 of the
 North-West & South Boundary
 of
 T. No. 22 North Range No. 4 East
 of the
 Gila & Salt River Base Meridian
 in the
 Territory of Arizona
 as surveyed by
 Francis W. Oury
 U. S. Deputy Surveyor
 Charles E. Perkins
 Compassman & U. S. Deputy Surveyor
 Under his Contract No. 37
 Dated June 21, 1893
 Survey commenced, May 27, 1894
 Survey completed, " 28, 1894

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4-674.

BOOK 1447

Township *22 N.*, R. *4 E.*

1/4 by 21 - 4

	<i>15</i>	<i>12</i>	<i>11</i>	<i>9</i>	<i>7</i>	<i>5</i>
<i>18</i>	6	5	4	3	2	1
<i>20</i>	7	8	9	10	11	12
<i>21</i>	18	17	16	15	14	13
<i>22</i>	19	20	21	22	23	24
<i>23</i>	30	29	28	27	26	25
<i>25</i>	31	32	33	34	35	36
	<i>26</i>	<i>27</i>	<i>28</i>	<i>29</i>		

Retracement of N.

Chains Survey commenced
 May 19th 1894, with a
 W. & L. E. Gurley solar transit.
 At the cor to $22^{\circ} E$ of 23
 N. $7^{\circ} 4^{\circ} 5^{\circ} E$. I verify
 the adjustments of my
 instrument and find
 them correct.

At 7 a. m. l. m. t. I set
 off $35^{\circ} 18'$ on the lat. arc.
 $19^{\circ} 52'$ on the decl. arc. and
 determine a true meridian
 with the solar.

The resulting error
 V_a of the needle is
 $16^{\circ} 28' E$.

In subdividing this T.
 I find that the N. Vdy
 is defective in alignment

July T. 22 N. R. 4 E.

Therefore in accordance with my special instructions I return the same as follows.

From the cor. to Tps. 22nd and 23rd N. R. 4th and 5th E, which is a stone firmly set and properly marked and witnessed as described in the field notes. Furnished by the Surveyor General.

I run.

West on a random line along
N. July Sec. 1.

To a 16' 28" E.

Over rolling land.

38.97 The original 1/4 Sec. cor., which is a stone firmly set and properly marked and

Retracement of N.

chains witnessed as described in
 the field notes furnished
 by the Surveyor General.
 Trs. S. 13. Ws. dist, therefore
 the true course to it is—
 S. $89^{\circ} 49'$ W.

(Note) T. 23 N. R. 4 E. has
 been subdivided, therefore
 I cannot change the position
 of the original corners.
 From the 14 sec. cor on
 the N. vdy of sec. 1.

From

West on a random line
 along N. vdy sec. 1

To $16^{\circ} 28' E.$

Over-riding land.

79.08 @ The original cor to sec.
 1. 2. 35nd 36. which is a

Tdy T. 22 N. R. 4. E. (Contd)

chains. Stone firmly set and properly
marked and witnessed as
described in the field notes
furnished by the Surveyor
General. Trs. S. 32. No. dist.
Therefore the true course
to it is $S. 89^{\circ} 33' W.$

Land, rolling
Soil, Stony 3rd rate
No. timber.

West on a random line
along N. Tdy sec. 2.

$T a 16^{\circ} 28' E.$

Over rolling land.

40. 21 The original $1/4$ sec. cor,
which is a stone firmly
set and properly marked.

Retrocession of N. Tdy.

Chains and witness as described
in the field notes furnished
by the Surveyor General.
Tws. S. 20 W. dist, therefore
the true course to it is
S. 89° 43' W.

Thence I run
West on a random line along
N. Tdy. of sec. 2.
Ta 16° 28' E.

- 53.00 Enter heavy timbered land.
56.21 Road. tws. N. & S.
80.28 To original cor to sec-
2. S. 34° E. 35, which is a
post. firmly set and
properly marked and
witness as described in
the field notes furnished
by the Surveyor General.

T. 22 N. R. 4. E. (Contd)

Chains - Tr. S. 16th Sec. dist; then on
the true course to it is.

S. 89° 46' W.

Land, rolling.

Soil, Stony 3rd rate

Timber Pine

Heavily timbered land. 27 Chs.

West on a random line along
N. Tdy. Sec. 3.

Ta 16° 28' E.

Over mountains. Heavily
timbered land.

Ascend over S. E. Slope of
Sitgrass Pass.

40.00 From original 1/4 Sec. cor,
which is a stone firmly
set and properly marked

Retracement of N. Vdy

c chains. and witnessed as described
 in the field notes furnished
 by the Surveyor General.
 Trs. S. 17. W. dist, therefore
 the true course to it is
 S. 89° 45' W.

Thence I run

West on a random line
 along N. Vdy sec. 3
 T a 16° 28' E.

80.17 A point 400 ft. above the
 last sec. cor,

The original sec. cor,
 which is a stone firmly
 set and properly marked
 and witnessed as described
 in the field notes furnished
 by the Surveyor General.
 Trs. S. 22 W. dist,

T. 22 N. R. 4. E. (Contd)

chains. Therefore the true course
to it is. $S. 89^{\circ} 41' W.$

Land, mountainous-

Soil, Stony 3rd rate

Timber, pine & Oak.

Mountainous or heavily
timbered land. 80.17 chs-

West on a random line
along N. 7th sec. 4.

$T a 16^{\circ} 28' E.$

Over mountainous heavily
timbered land.

Ascend along S. E. Slope of
Outcrops. Pear.

16.57 Road from Williams
to Spring Valley. Ws.
 $N. 20^{\circ} E$ & $S. 20^{\circ} W.$

Retracement of N. Vdy

chains-

c. 39.93

The original 1/4 sec. cor-
which is a stone firmly
set and properly marked
and witnessed as described
in the field notes furnished
by the Surveyor General.
Tos. S. 29. Ms. dist.,
therefore the true course
to it is S. 89° 35' W.

Thence I run

West on a random line
along N. Vdy sec. 4.

To a 16° 28' E.

79.79

A point about 400 ft
above last sec. cor

The original sec. cor, which
is a post firmly set and
properly marked & witnessed
as described in the field

T 22 N. R. 4. E. (Contd)

Chain notes furnished by the
Surveyor General, Tns.
S. 18 Ws. dist., therefore
the true course to it is
S. 89° 45' W.

Land, mountainous
Soil, very 3rd rate.
Timber, pine, oak, aspen & fir.
Mountains or heavily
timbered land. 79.79. chs.

West on a random line
along N. 7th Sec. 5.
Ta. 16° 28' E.

Over mountainous heavily
timbered land.

Ascending over a slope of
Oitgrass Pass.

Retracements of N. Vdy

chains
c. 39.90

The original $\frac{1}{4}$ sec. cor., which is a stone firmly set and properly marked and witnessed as described in the field notes furnished by the Surveyor General. Bro. S. 22 Ws. dist. Thompson the true course to it is $S. 89^{\circ} 41' W.$

Thence I run West on a random line along N. Vdy sec. 5.
 $Ta 16^{\circ} 28' E$

79.63 A point 300 ft. above last sec. cor.

The original sec. cor., which is a post, firmly set and properly marked and witnessed as described in the field

T 22 N. R. 4. E. (Contd)

Chain - notes furnished by the
Surveyor-General. Trs.
S. 17 Ws. dist. Therefore
the true course to it is
S. 89° 45' W.

Land, mountainous -
Soil, stony 4th rate.
Mountainous or heavily
timbered land. 79.63. chs.

West on a random line
along N. Tdy sec. 6.
Ta 16° 28' E.

Over mountainous heavily
timbered land.

Over broken S. slope of
Sitgreaves Peak.

40.34 The original 1/4 sec. cor.

Retracement of N. 7dy

c. chains. which is a post firmly
set and properly marked
and witnessed as described
in the field notes
furnished by the Surveyor
General. Tr. S. 15 Mo. dist.
Therefore the true course
to it is. S. $89^{\circ} 47' W.$

Thence I run
West on a random line
along N. 7dy sec. 6.

To a $16^{\circ} 28' E$

Over mountainous heavily
timbered land.

Along broken S. slope of
Sitgrass Peak.

82.46. The original Sp. cor.
which is a post firmly
set and properly marked

T. 22 N. R. 4 E. (Contd)

ains and witnessed as described
in the field notes furnished
by the Surveyor General.
Trs. S. 12 Ws. dish, therefore
the true course to it is -
S. 89° 50' W.

Land, mountainous
Soil, Stony 3rd rate.
Timber, pine fir aspen & oak.
Mountainous or heavily
timbered land. 82.46. chs.

Chains Retracement of W. Jdy

Note) By Computation
of the "latitudes departures
and closing errors" I find
that there is evidently
an error of measurement
in the West Ed South
Jdy's, therefore I retrace
the same as follows.
From the cor to Tps
22nd & 23rd N. R's. 3rd & 4th E
I run.

South on a random line
along W. Jdy see 6.
Ta 16° 28' E.

Over mountainous heavily
timbered land.

Descending over slope of
Sitgreaves Pass.

41.11 The original 1/4 sec. cor.

chains T. 22 N. R. 4 E.

which is a post firmly set and properly marked and witnessed as described in the field notes furnished by the Surveyor General. T. 2 N. 2 W. Dist.

82. 54. The original cor to sec. 1. 6. 7 ^{of} 12, which is a post, firmly set and properly marked & witnessed as described in the field notes furnished by the Surveyor General. T. 2 E. 2 W. Dist. Therefore the true course of this line is North, agreeing with the field notes furnished by the Surveyor General.

chains Retracement of W. Vdy

c. Land, mountainous
 Soil, (Stony 3rd rate.
 Timbers, pine fir aspen & Oak
 Mountainous or heavily
 timbered land. 82.54 chs

South bet secs 7 and 12
 Ta. 16° 28' E

Over riding heavily timbered
 land.

40.00 The original $\frac{1}{4}$ sec. cor,
 which is a post, firmly set
 and properly marked and
 witnessed as described in
 the field notes. furnished
 by the Surveyor General.

80.00 The original cor to secs.
 7. 12. 13 + 18. which is a

Trains T. 22. N. B. 4. E. (Contd)

pine tree, properly marked
and witnessed as described
in the field notes furnished
by the Surveyor General.

Land, rolling
Soil stony 3rd rate.

Timber pine.

Heavily timbered land. 80. ch.

South 1/2 sec 13rd 18

Ta. 16° 28' E

Over rolling land.

40.00

The original 1/4 sec. cor,
which is a stone firmly
set and properly marked
and witnessed as described
in the field notes.
Furnished by the

chains. Retracement of W. Jdy

c.

Surveyor General.

80.00 The original cor-
to secs 13, 18, 19th & 24, which
is a stone, firmly set
and properly marked and
witnessed as described
in the field notes
furnished by the Surveyor
General.

Land, rolling
Soil, Stm 3rd rate
Timber, pine
May 20, 1894.

South Wth sec. 19th / 24.
Ta 16° 28' E

Over rollingrd broken land.
40.00 The original 1/4 Sec. cor.,
which is a stone, firmly

chains T. 22 N. R. 4. E. (contd)

set and properly marked
and witnessed as described
in the field notes.

Furnished by the
Surveyor General.

80.00 The original cor to sec.
19. 24. 25th & 30, which is
a Tom, firmly set and
properly marked and
witnessed as described in
the field notes furnished
by the Surveyor General.

Land, broken + mountainous
Soil, Tom 4th rate.
Timber, pine

South Tr sec. 25 + 30
Ta. 16° 28' E

chains. Retrace map of W. Eddy

- c. Corr. Warden, rolling land.
 40.00 The original 1/4 sec. cor
 which is a Tom firmly
 set and properly marked
 and witnessed as described
 in the field notes furnished
 by the Surveyor General.
- 80.00 The original cor to secs.
 25, 30, 31 & 36. which is a
 Tom firmly set and
 properly marked and
 witnessed as described in
 the field notes furnished
 by the Surveyor General
 Land, Warden
 Soil, Tom 4th, water.
 Timber pine
-

T. 22 N. R. 4. E. (Contd)

Chains. South Pt sec. 31 $\frac{1}{4}$ E. 36.
T a 16° 28' E

Over-salling land.

40.00 The original $\frac{1}{4}$ sec. con
which is a stone firmly
set and properly marked
and witnessed as described
in the field notes furnished
by the Surveyor General.

80.00 The original con to Tps.
21 $\frac{1}{4}$ E. 22. N. R's. 3 $\frac{1}{4}$ E
which is a post firmly
set and properly marked
and witnessed as described
in the field notes furnished
by the Surveyor General.

Land, rolling
Soil, Stony 3rd rate
Timber, scattering pine

chains. Retraceurs of S. 7th

From the cor to Spa-
21st & 22nd N. R. 3rd & 4th E.
I run.

S. $89^{\circ} 51' E$ for sec-
6 + 31.

Va $16^{\circ} 28' E$

Own rolling land.

36. 27 The original $\frac{1}{4}$ sec. cor.
which is a post, firmly
set and properly marked
and witnessed as described
in the field notes furnished
by the Surveyor General.

76. 35 The original cor to sec-
5. 6. 31st & 32nd. which is a
post, firmly set and
properly marked & witnessed
as described in the field
notes furnished by the

chains. T. 22 N. R. 4. E. (contd.)

Surveyor General
Land, gently rolling
Soil, Torry 2nd rate.
Timber, scattering pine

S. 89° 51' E for sec. 5th 32
Ta 15° 28' E

Over rolling broken land

9.00
40.15

The original ^{Plat & P. Rail road corner N.E. 1571} 1/4 Sec. cor

which is a post, firmly
set and properly marked
and witnessed as described
in the field notes
furnished by the Surveyor
General

80.20 The original cor to sec.
4. 5. 32nd 33, which is a
post, firmly set and

Chains. Retracement of 1844

properly marked & witnessed
as described in the field
notes furnished by the
Surveyor General.

Land, rolling & broken
Soil, very 3rd rate
Timber, scattering pine

S. 89° 51' E. 1/2 sec. 4 ^{and} 33
T. 16° 28' E.

Over rolling land.

40.11 The original 1/4 sec. cor,
which is a post, firmly
set and properly marked
and witnessed as described
in the field notes furnished
by the Surveyor General.

80.26 The original cor to sec.

chains. T. 22 N. R. 4. E. (Contd)

3. 4. 33 and 34., which is
 a post, firmly set and
 properly marked and
 witnessed as described in
 the field notes furnished
 by the Surveyor General.
 Land, rolling
 Soil, 2nd + 3rd rate
 Timber, scattering pine

S. 89° 07' E. 1st. sec. 3 E / 34.

To a 16° 28' E

Over broken rolling land

Lo. 09 The original 4 sec. cor
 which is a post, firmly
 set and properly marked
 and witnessed as described
 in the field notes furnished

chains. Retraacement of S. Valley
by the Surveyor General.

80.34 The original cor to sec
2. 3. 34 & 35, which is a
post, firmly set and properly
marked and witnessed as
described in the field notes
furnished by the Surveyor
General.

Land, broken & rolling
Dial, Tom, 3rd rate
Timber, scattering pine
May 21, 1894

Chairs T. 2. 2 N. R. 4 E.

Departure
E. W.

Latitude
N. S.

Lines designated as True bearing Distance

N. Boundary	North	482.54			
N. 1/4 Sec 6	N-89°50'E	42.46	42.46		
N. 1/4 Sec 6	N-89°47'E	40.00	40.00		
N. 1/4 Sec 5	N-89°45'E	39.79	39.79		
N. 1/4 Sec 5	N-89°41'E	39.90	39.90		
N. 1/4 Sec 4	N-89°45'E	39.86	39.86		
N. 1/4 Sec 4	N-89°35'E	39.93	39.93		
N. 1/4 Sec 3	N-89°41'E	40.17	40.17		
N. 1/4 Sec 3	N-89°45'E	40.00	40.00		
N. 1/4 Sec 2	N-89°46'E	40.07	40.07		
N. 1/4 Sec 2	N-89°43'E	40.21	40.21		
N. 1/4 Sec 1	N-89°33'E	40.11	40.11		
N. 1/4 Sec 1	N-89°49'E	38.97	38.97		
E. 1/4 Sec 1, 2, 3, 4 + 25	S 0° 46' W		404.90	5.42	
E. 1/4 Sec. 26. N. 7/8 section	S 0° 46' W		70.54	94	
N. 1/4 Sec 36. 1/4 sec	N 76° 06' E	.84	3.50	.13	
E. 1/4 Sec. 36. 7/8 sec	S 0° 46' W				
S. boundary	N-89° 51' W	1.24		477.44	
Conjunction				.51	
Totals		486.93	484.89	485.42	483.93
Error in lat.		484.89		483.93	
		2.04	Error in dist 1.49		