

Book B

BOOK 3981

FIELD NOTES

of the

Dependent Resurvey of Part of the

South Boundary of the White Mountain Indian Reservation

and

Survey of

South and West Boundaries

and

Subdivisions

of

T. 4 S., R. 19 E.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Charles E. Hunter

U.S. Transitman.

In the capacity of U. S. Surveyor, under Special Instructions dated December 4, 1931, issued by the District Cadastral Engineer to govern surveys included in Group No. 173, which were approved by the Commissioner of the General Land Office, January 18, 1932, and Assignment Instructions dated April 9, 1932.

Survey commenced April 25, 1932.

Survey completed June 2, 1932.

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The surveys involved in township 4 south, range 19 east, were executed with a light mountain transit made by Young and Sons, Serial No. 8584, constructed in accordance with the standard specifications of the General Land Office. The horizontal circle has a diameter of 4.75 ins. with two double opposite verniers reading to single minutes; the vertical circle has a diameter of 5 ins. with one double vernier reading to single minutes; the telescope has fixed stadia wires, ratio 1:132, with a focal constant of 1.5 lks. The instrument is equipped with the improved Smith solar attachment; radius of latitude arc 3.25 ins. and of declination arc 3.87 ins. each with verniers reading to single minutes. The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the District Cadastral Engineer on April 9, 1932. All instrumental adjustments were examined before making the field tests hereinafter recorded.

The directions of all lines were determined by the solar transit method. The measurements were made with a Lallie steel tape, 5 chs. in length, graduated every link for the first 100 lks. and the balance at intervals of 10 lks. The tape was tested by comparison with a Lufkin standard and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the geographic position for the SE. cor. of the Tp. as follows: latitude 33° 01' 53" N. and longitude 110° 20' 36" W.

April 24, 1932. At camp, adjacent to the 1/4 sec. cor. on the S. bdy. of sec. 36, T.4 S., R.19 E. at 5h. 30.5m. a.m. l.m.t., by reduction from my watch which reads correct 105th. meridian time as determined by comparison with a Western Union time clock, observe Polaris at eastern elongation, reading the multiple deflection angle determined by repetition with the telescope in both direct and reversed positions from a nail in a peg driven firmly in the ground 10 chs. N.

Mean observed horizontal angle, right	1° 16'
Azimuth of Polaris	1° 15' 49"
True bearing to reference point	N. 0° 0' 11" W

Every hour from 7 to 11 a.m. and from 1 to 5 p.m. make proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1' 30".

Repeat the tests of the arcs by noon observation, and verify the meridional indications at frequent intervals throughout the survey.

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BOOK 3981 Resurvey of Part of the South Boundary
White Mountain Indian Reservation.

chains

The boundaries of the White Mountain Indian Reservation were originally surveyed by Philip Contzen, U.S. Deputy Surveyor, in 1898. Subsequent to the survey of said reservation line, an area between the 18th. and 19th. mile monuments, covered in part by M.S. 2372, was excluded from the Reservation by Act of Congress approved March 2, 1901 (31 Stats. 952). This restoration excludes from the Indian Reservation the area covered by M.S. 2372 and a small triangular area to the southeast thereof.

The 17½ mile monument on the S. bdy. of the White Mountain Indian Reservation is a granite stone, 8 x 8 x 12 ins. above ground, firmly set, mkd. WMIR ASB on the N. 17½ M on the E. and PL on the S. faces:

The closing cor. of fractional Ts. 4 S., Rs. 19 and 20 E. which is an iron post, 3 ins. diam. 16 ins. above ground firmly set, and supported in a mound of stone to top, mkd and witnessed as described in the official record, bears S. 77° 49' E. 10.49 chs. dist.

Thence from 17½ mile monument.

N. 77° 48' W. on a random line along the bdy. of the White Mountain Indian Reservation.

40.00 No evidence of 18th. mile monument. Set temp. cor.

79.44 The 18½ mile monument, which is a limestone 7 x 8 x 10 ins. above ground, firmly set, mkd. WMIR ASB on the N. 18½ M on the E. faces, bears S. 12° 12' W. 5 lks. dist.

Return to 17½ mile monument.

Thence

N. 77° 50' W. on true line along the bdy. of the White Mountain Indian Reservation.

39.72 Over rolling hills, through scattered undergrowth. In the group, for 18th. mile monument, with brass cap mkd. Desc. 135 ft. over SW. slope.

7.30 Gully, course SW. Asc. 10 ft. along S. slope.

13.00 Ridge, bears N. 50° E. and S. 50° W. Desc. 120 ft. over W. slope.

23.00 Ravine, course N. 50° W. Asc. 60 ft. over NE. slope.

36.25 Ridge, bears N. 50° W. and S. 50° E. Desc. 65 ft. over SW. slope.

39.72 Set an iron post, 3 ft. long, 2 ins. diam. 30 ins. in the ground, for 18th. mile monument, with brass cap mkd.

18 M

WMIR

S 13

T4S R19E

1932

from which

A pinon pine, 4 ins. diam. bears N. 63 3/4° E. 80 lks. dist. mkd. BT

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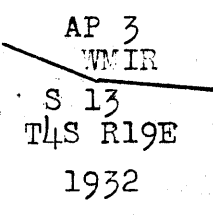
chains

Land, rolling and broken hills.
Soil, rocky, 3rd. and 4th. rate.
Timber, scattered pinon.
Undergrowth, scrub-oak, laurel, manzanita and cacti.

N.77°50'W. on true line along the bdy. of the White Mountain Indian Reservation.

Desc. 40 ft. over SW. slope, through scattered undergrowth.

1.63 Set an iron post, 3 ft. long, 2 ins. diam. 30 ins. in the ground, for angle point No. 3, with brass cap mkd.



from which

A juniper, 8 ins. diam. bears N.75½°W. 32 lks. dist. mkd. AP3 T4S R19E S13 BT

A juniper, 7 ins. diam. bears S.30¼°W. 80 lks. dist. mkd. AP3 T4S R19E S13 BT

Cor. No. 4 of the Helen Lode, Min. Sur. No. 2372, hereinafter described, bears N.46°00'W. 30.46 chs. dist.

Thence on blank line, continuing measurement.

39:72 To 18½ mile monument, hereinbefore described.

Land, rolling and broken hills.
Soil, rocky, 3rd. and 4th. rate.
Timber, scattered pinon and juniper.
Undergrowth, scrub-oak, laurel, manzanita and cacti.

N.77°48'W. on a random line, along the original bdy. of the White Mountain Indian Reservation.

30:77 Angle point, No.0, hereinafter described, bears S.12°12'W 4 lks. dist.

39:69 The 19th. mile monument, which is a granite stone, 4 x 10 x 18 ins. above ground, firmly set, mkd. WMIR ASB on the N. 19M on the E. and PL on the S. faces, bears S.12°12'W 5 lks. dist.

Thence

S.77°52'E. on true line along the bdy. of the White Mountain Indian Reservation.

Over rolling hills, through scattered undergrowth.

Asc. 115 ft. over SW. slope.

8.92 To. A.P. No.0, which is a granite stone, 7 x 9 x 20 ins. mkd. AP WMIR on one end, N46W on an adjacent face.

In place of the stone, which is deposited alongside,

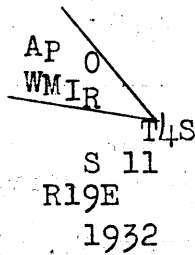
Resurvey of Part of the South Boundary

White Mountain Indian Reservation.

chains

Set

an iron post, 3 ft. long, 2 ins. diam. 16 ins. in the ground, to bedrock, and in a mound of stone to top, for angle point No. 0, with brass cap mkd.



Cor., No. 4 of the Nellie Lode, Min. Sur. No. 2372, which is a pine post, 4 ins. square, 4 ft. above ground, firmly set, mkd. S COR NELLIE on the NW. face, 4-2372 on the NE. face, bears S. $46^{\circ}04'E$. 21.04 chs. dist.

Cor. No. 1 of the Nellie Lode, identical with Cor. No. 1 of the Nettie Lode, Min. Sur. No. 2372, hereinafter described, bears N. $46^{\circ}04'W$. 0.07 chs. dist.

Land, rolling hills.

Soil, rocky, 3rd. rate.

No timber.

Undergrowth, scrub-oak, manzanita and cacti.

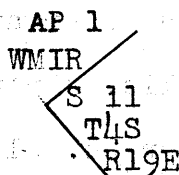
N. $46^{\circ}04'W$. on true line along the bdy. of the White Mountain Indian Reservation, identical with the bdy. of Min. Sur. No. 2372, the objective cor. being visible.

Over SW. slope, through scattered undergrowth.

0.07 Intersect cor. No. 1 of the Nellie Lode, identical with cor. No. 1 of the Nettie Lode, Min. Sur. No. 2372, which is a pine post, 4 ins. square, $4\frac{1}{2}$ ft. above ground, firmly set, mkd. S COR NELLIE on the NW. W COR NELLIE on the NE. and 1-1-2372 on the SE. faces.

22.82 To Cor. No. 2 of the Nettie Lode, Min. Sur. No. 2372, and angle point No. 1 on the bdy. of the White Mountain Indian Reservation, which is a pine post, 4 ins. square, $4\frac{1}{2}$ ft. above ground, firmly set, and supported in a mound of stone 4 ft. base, $1\frac{1}{2}$ ft. high, mkd. W COR NELLIE on the NE. face, 2 2372 on the SE. face. A granite stone, 12 x 20 x 8 ins. mkd. WMIR AP on one face, PL on an adjacent face, and ANB on the third face, lies adjacent to this post.

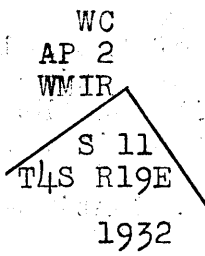
In place of the post, which, with the marked stone is deposited alongside, set an iron post, 3 ft. long, 2 ins diam. 12 ins. in the ground, to bedrock, and in a mound of stone to top, for angle point No. 1 on the bdy. of the White Mountain Indian Reservation, and cor. No. 2 of the Nettie Lode, Min. Sur. No. 2372, with brass cap mkd.



Land, rolling hills.
Soil, rocky, 3rd. and 4th. rate.
No Timber; undergrowth, scrub-oak, manzanita and cacti.

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- chains
- N.44° 00'E. on a random line along the bdy. of the White Mountain Indian Reservation, which is identical with the bdy. of Min. Sur. No. 2372.
- 9.09 No evidence of the common cor. of the Nettie and Will Ryan Lodes.
- 18.18 The common cor. of the Will Ryan and Erie Lodes bears N.46°W. 3½ lks. dist.
- 27.28 The common cor. of the Erie and Kelley Lodes bears N.46°W. 5¼ lks. dist.
- 36.01 True point for witness cor. of the Kelley Lode bears N.46°W. 7 lks. dist.
- 36.31 True point for cor. No.3 of the Kelley Lode, which is also angle point No. 2 on the Bdy. of the White Mountain Indian Reservation, bears N.46°W. 7 lks. dist.
- Return to Angle Point No. 1.
- Thence
- N.43°53'E. on true line along the bdy. of the White Mountain Indian Reservation, identical with the bdy. of Min. Sur. No. 2372.
- Over rolling and broken hills, through scattered undergrowth.
- Asc. 25 ft. over SW. slope.
- 1.70 Spur, slopes NW. Desc. 190 ft. over NE. slope.
- 9.80 Draw, course N. Asc. 40 ft. over NW. slope.
- 13.80 Short spur, slopes N. Desc. 450 ft. over NE. slope.
- 18.18 To common cor. of the Will Ryan and Erie Lodes, which is a pine post, 4 ins. square, 4½ ft. above ground, firmly set in a mound of stone, mkd. 3-2 2372 on the NE., N COR WILL RYAN on the SE. and W. COR ERIE on the SW. faces.
- 27.28 To common cor. of the Erie and Kelley Lodes, which is a pine post, 4 ins. square, 4½ ft. above ground, firmly set in a mound of stone, mkd. W COR KELLEY on the NE. and 3-2 2372 N COR ERIE on the SE. faces.
- 36.01 True point for witness cor. to cor. No. 3 of the Kelley Lode, which is also angle point No. 2 on the bdy. of the White Mountain Indian Reservation.
- Set an iron post, 3 ft. long, 2 ins. diam. 6 ins. in the ground, to bedrock, and in a mound of stone to top, for witness cor. to angle point No. 2 on the bdy. of the White Mountain Indian Reservation, and cor. No. 3 of the Kelley Lode, with brass cap mkd.



from which.

Resurvey of Part of the South Boundary

White Mountain Indian Reservation.

chains

The original bearing object.

A granite ledge, mkd. X BR WC 3-2372, bears S.17 $\frac{1}{2}$ °E.
18 lks. dist.

And a new bearing object

A granite ledge, 5 ft. long, 2 ft. high, mkd. WC BO X
AP2 WMIR, bears N.47°E. 122 lks. dist.

36.31 Record distance ^{from W.C.} true point for cor. No. 3 of the Kelley Lode, and angle point No. 2 on the bdy. of the White Mountain Indian Reservation, falls in the bottom of Kelley Canyon, an insecure position for a corner monument.

Land, broken hills.

Soil, rocky, 3rd. and 4th. rate.

Timber, scattered pinon and juniper.

Undergrowth, scrub-oak, manzanita and cacti.

S.46° 00'E. on a random line along the bdy. of the White Mountain Indian Reservation, which is identical with the bdy. of Min. Sur. No. 2372.

22.76 To common cor. of the Kelley and Corliss Lodes.

43.91 To common cor. of the Corliss and Helen Lodes.

51.08 To cor. No. 4 of the Helen Lode.

81.54 To angle point No. 3 on the bdy. of the White Mountain Indian Reservation, hereinbefore described.

Return to true point for cor. No. 3 of the Kelley Lode,
and angle point No. 2 on the bdy. of the Reservation.

Thence

S.46° 00'E. on true line along the bdy. of the White Mountain Indian Reservation, identical with the bdy. of Min. Sur. No. 2372.

Over mountainous and hilly land, through scattered undergrowth.

Along bottom of Kelley Canyon, dry stream bed, course NW.

3.50 Leave canyon bottom, asc. 75 ft. over N. slope.

5.50 Point of spur, sloping E. Desc. 60 ft.

6.70 Enter canyon bottom, course N.

19.00 Leave canyon bottom, bears S.20°E. Asc. 385 ft. over W. slope.

22.76 To common cor. of the Kelley and Corliss Lodes, which is a partially rotted pine post, 4 ins. square, 4 ft. long, fallen and lying on the ground, illegibly marked, and witnessed as described in the official record.

35.50 Gully, course W. Continue ascent.

43.91 To common cor. of the Corliss and Helen Lodes, which is a pine post, 4 ins. square, 4 $\frac{1}{2}$ ft. above ground, firmly

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White Mountain Indian Reservation.

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- chains set, mkd. E.COR CORLISS on the N., 3-3 2372 on the W. and N COR HELEN on the S. faces.
- 49.20 Short spur, slopes W. Desc. 30 ft.
- 51.08 To cor. No.4 of the Helen Lode, which is a partially rotted stake supported in a mound of stone, mkd. 4-2372 E COR HELEN on one face.
- 54.30 Small ravine, course W. Asc. 70 ft. over NW. slope.
- 57.50 Short spur, slopes S.70°W. Desc. 90 ft. over S. slope.
- 62.80 Ravine, course W. Asc. 160 ft. over W. slope.
- 69.40 Short spur, slopes W. Desc. 95 ft. over SW. slope.
- 73.70 Ravine, course S.80°W. Asc. 110 ft. over NW. slope.
- 79.70 Short spur, slopes W. Desc. 15 ft. over SW. slope.
- 81.25 Wire fencing, bears N.70°W. and S.70°E.
- 81.54 To angle point No. 3, hereinbefore described.

Land, broken hills.
Soil, rocky, 3rd. and 4th. rate.
Timber, scattered juniper.
Undergrowth, scrub-oak, laurel, manzanita and cacti.

From the 19th. mile monument on the S. bdy. of the White Mountain Indian Reservation.

N.77°48'W. on a random line along the bdy. of the White Mountain Indian Reservation.

- 40.35 The 19½ mile monument, which is a granite stone, 6 x 7 x 14 ins. above ground. firmly set, mkd. WMIR ASB on the N., 19½ M on the E. and PL on the S. faces, bears S.12°12'W. 2½ lks. dist.

The true course and distance of this half mile are, therefore, N.77°50'W. 40.35 chs.

Thence from cor.

N.77°48'W. on a random line.

- 40.37 The 20th. mile monument, which is a limestone, 9 x 12 x 12 ins. above ground, firmly set, mkd. WMIR ASB on the N., 20M on the E. and PL on the S. faces. bears S.12°12'W. 6 lks. dist.

The true course and distance of this half mile are, therefore, N.77°53'W. 40.37 chs.

N.77°48'W. on a random line along the bdy. of the White Mountain Indian Reservation.

- 22.97 Angle point No. 2, which is a limestone, 6 x 12 x 18 ins. above ground, firmly set, mkd. WMIR ASB on top, 20M + 22.90 CHS on the S., and AP² on the SW. faces, bears S.12°12'W. 2 lks. dist.

The true bearing and distance of this line are, therefore, N.77°51'W. 22.97 chs.

sw

Resurvey of Part of the South Boundary
White Mountain Indian Reservation.

chains

Reconstruct this cor. monument as follows:

In place of the stone, which is deposited alongside, set an iron post, 3 ft. long, 2 ins. diam. 18 ins. in the ground, to bedrock, and in a mound of stone to top, for angle point No. 2 on the bdy. of the White Mountain Indian Reservation, with brass cap mkd.

AP 2
WMIR

T4S R19E
S 10
1932

N.68°00'W. on a random line along the bdy. of the White Mountain Indian Reservation.

17.15 The 20½ mile monument, which is a limestone, 9 x 12 x 15 ins. above ground, firmly set, mkd. WMIR ASB on the N., 20M on the E. and PL on the S. faces, bears S.22°00'W. 1 lk. dist.

The true course and distance of this line are therefore N.68° 02'W. 17.15 chs.

Thence

N.68°00'W. on a random line.

39.68 The 21st. mile monument, which is a limestone, 8 x 8 x 9 ins. above ground, firmly set, mkd. WMIR ASB on the N., 21M on the E. and PL on the S. faces, bears S.22°00'W. 6 lks. dist.

The true course and distance of this half mile are, therefore, N.68° 05'W. 39.68 chs.

N.68° 00'W. on a random line along the bdy. of the White Mountain Indian Reservation.

39.86 The 21½ mile monument, which is a limestone, 6 x 10 x 18 ins. above ground, firmly set, mkd. WMIR ASB on the N., 21½M on the E. and PL on the S. faces, bears S.22°00'W. 2 lks. dist.

The true course and distance of this half mile are, therefore, N.68° 02'W. 39.86 chs.

Thence

N.68°00'W. on a random line.

39.30 The 22nd. mile monument, which is a limestone, 8 x 8 x 11 ins. above ground, firmly set, mkd. WMIR ASB on the N., 22M on the E. and PL on the S. faces, bears S.22°00'W. 4 lks. dist.

The true course and distance of this half mile are, therefore, N.68° 03'W. 39.30 chs.

N.68°00'W. on a random line along the bdy. of the White Mountain Indian Reservation.

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chains

39.98

The 22 $\frac{1}{2}$ mile monument, which is a limestone, 6 x 10 x 10 ins. above ground, firmly set, mkd. 22 $\frac{1}{2}$ M on the E. face, bears S.22°00'W. 1 lk. dist.

The true course and distance of this half mile are, therefore, N.68° 01'W. 39.98 chs.

Thence

N.68°00'W. on a random line.

40.01

The 23rd. mile monument, which is an unmarked quartz stone, 6 x 12 x 1 $\frac{1}{4}$ ins. above ground, firmly set, bears S.22°00'W. 6 lks. dist. The original bearing trees:

A juniper, 10 ins. diam. bears S.28 $\frac{1}{4}$ °E. 158 lks. dist. mkd. WMIR 23M BT.

A juniper stump, with a small portion of old blaze remaining, bears S.31 $\frac{1}{4}$ °W. 8 $\frac{1}{4}$ lks. dist.

A mound of stone bears N. 3 ft. dist.

I mark this stone 23M on the E. face.

The true course and distance of this half mile are, therefore, N.68° 05'W. 40.01 chs.

N.68°00'W. on a random line along the bdy. of the White Mountain Indian Reservation.

39.18

The 23 $\frac{1}{2}$ mile monument, which is a limestone, 5 x 9 x 14 ins. above ground, firmly set, in a mound of stone, mkd. 23 $\frac{1}{2}$ M on the E. face. The original bearing trees:

A juniper, 8 ins. diam. bears E.2.14 chs.dist., mkd. WMIR 23 $\frac{1}{2}$ M BT

A mesquite, 6 ins. diam. bears W. 68 lks.dist., mkd. WMIR 23 $\frac{1}{2}$ M BT

A mound of stone bears N. 3 ft. dist.

The true course and distance of this half mile are, therefore, N.68° 00'W. 39.18 chs.

Thence

N.68°00'W. on a random line.

40.09

The 24th. mile monument, which is a limestone, 9 x 9 x 12 ins. above ground, firmly set, mkd. WMIR ASB on the N., 24 on the E. and PL on the S. faces, bears S.22°00'W. 1 lks. dist.

The true course and distance of this half mile are, therefore, N.68°01'W. 40.09 chs.

Survey of the South Boundary

T.4 S., R.19 E.

From the cor. of Ts. 4 & 5 S., Rs. 19 & 20 E.

Survey of the South Boundary

T.4 S., R.19 E.

chains

- West on a random line, setting temp. $\frac{1}{4}$ sec. and sec. cors at intervals of 40 chs., and at
- 479.08 The cor. of Ts. 4 & 5 S., Rs. 18 & 19 E. bears North 28 lks. dist.
- Return to the cor. of Ts. 4 & 5 S., Rs. 19 & 20 E., which is an iron post, 3 ins. diam. 8 ins. above ground, mkd. and witnessed as described in the official record.
- N. $89^{\circ}58'W.$ on true line on the S. bdy. of sec. 36.
- Over rolling mountainous land, through scattered timber and dense undergrowth.
- Desc. 475 ft. over NW. slope.
- 18.00 Change of slope to NE. Asc. 25 ft.
- 21.00 Spur, slopes W. Desc. 75 ft.
- 35.70 Leave spur, slopes N. $60^{\circ}W.$ Desc. 90 ft. over SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 22 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
- $\frac{1}{4}$ $\frac{S}{S}$ $\frac{36}{1}$
- 1932
- from which
- A juniper, 12 ins. diam. bears N. $1^{\circ}E.$ 89 lks. dist.
mkd. $\frac{1}{4}$ S 36 BT
- A juniper, 7 ins. diam. bears S. $72\frac{1}{2}^{\circ}W.$ 209 lks. dist.
mkd. $\frac{1}{4}$ S 1 BT
- Desc. 490 ft. over SW. slope.
- 64.40 Road, bears N. $70^{\circ}W.$ and S. $70^{\circ}E.$
- 65.00 Garden Creek, 6 lks. wide, 2 ins. deep, course N. $70^{\circ}W.$
Asc. 310 ft. over NE. slope.
- 75.00 Short spur, slopes N. Desc. 145 ft. over NW. slope.
- 79.90 Ravine, course N.
- 80.00 True point for cor. of secs. 1, 2, 35 and 36, falls in the margin of the wash, an insecure position for a corner monument.
- Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper and pinon.
Undergrowth, oak, laurel, mahogany and cacti.
-
- N. $89^{\circ}58'W.$ on true line on the S. bdy. of sec. 35.
- Over rolling mountainous land, through scattered timber and dense undergrowth.
- 0.10 Set an iron post, 3 ft. long, 2 ins. diam. 28 ins. in the ground, for witness cor. for secs. 1, 2, 35 and 36, with brass cap mkd.

Survey of the South Boundary

T.4 S., R.19 E.

BOOK 3981

chains

	T4S	R19E
WC	S 35	S 36
	S 2	S 1
	T5S	
	1932	

from which

A pinon, 4 ins. diam. bears S.50°E. 123 lks. dist. mkd. BT

A juniper, 8 ins. diam. bears S.54°W. 121 lks. dist. mkd. T5S R19E S2 WC BT

A juniper, 10 ins. diam. bears N.6°W. 80 lks. dist. mkd. T4S R19E S35 WC BT

Asc. 60 ft. over NE. slope.

- 5.10 Gully, course N.70°E. Change of slope to SE. Asc. 155 ft.
- 18.30 Spur, slopes N. Desc. 150 ft. over W. slope.
- 22.80 Ravine, course N.40°W. Asc. 135 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4	S 35
	S 2
	1932

from which

A pinon, 6 ins. diam. bears N.43°E. 27 lks. dist. mkd. 1/4 S 35 BT

A pinon, 6 ins. diam. bears S.10 1/4°E. 59 lks. dist. mkd. 1/4 S 2 BT.

Asc. 20 ft. over NE. slope.

- 41.90 Spur, slopes N. Desc. 620 ft. over NW. slope.
- 59.10 Ravine, course S.80°W.
- 61.50 Same ravine, course N.80°W.
- 64.50 Same ravine. course S.80°W.
- 67.10 Small draw, course N.70°W. Asc. 25 ft. over N. slope.
- 69.00 Desc. 60 ft. over NW. slope.
- 71.00 Ravine, course N.20°W. Asc. 25 ft.
- 75.00 Small spur slopes N.20°W. Desc. 40 ft. over NW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 20 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 2, 3, 34 and 35, with brass cap mkd.

	T4S	R19E
	S 34	S 35
	S 3	S 2
	T5S	
	1932	

from which

Survey of the South Boundary

T.4 S., R.19 E.

chains

A pinon, 8 ins. diam. bears N.79°E. 129 lks. dist.
mkd. T4S R19E S35 BT

A pinon, 8 ins. diam. bears S.35°E. 92 lks. dist.
mkd. T5S R19E S2 BT

A pinon, 9 ins. diam. bears S.22½°W. 12 lks. dist.
mkd. T5S R19E S3 BT

A pinon, 7 ins. diam. bears N.7°W. 50 lks. dist.
mkd. T4S R19E S34 BT

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, pinon and juniper.
Undergrowth, oak, manzanita, laurel and cacti.

N.89°58'W. on true line bet. secs. 3 and 34.

Over rolling mountainous land, through scattered timber
and undergrowth.

Desc. 15 ft. over NW. slope.

1.60 Gully, course N. Asc. 110 ft. over NE. slope.

4.00 Gully, course NE.

12.70 Short spur, slopes N. Desc. 60 ft. over NW. slope.

18.15 Ravine, course N.40°E. Asc. 110 ft. over E. slope.

23.80 Spur, slopes N. Desc. 100 ft. over NW. slope.

27.60 Ravine, course N. Asc. 110 ft. over NE. slope.

38.40 House, bears N.23½°W. 12.00 chs. dist.

38.80 Spur, slopes N. Desc. 20 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the
ground, for ¼ sec. cor. with brass cap mkd:

$$\frac{1}{4} \begin{array}{l} S \ 34 \\ S \ 3 \end{array}$$

1932

from which

A pinon, 7 ins. diam. bears N.12°E. 60 lks. dist.
mkd. ¼ S 34 BT

A pinon, 10 ins. diam. bears S.72°W. 16 lks. dist.
mkd. ¼ S 3 BT

Desc. 125 ft. over NW. slope.

42.60 Ravine, course N. Asc. 155 ft. over NE. slope.

49.50 Spur, slopes N. Desc. 295 ft. over NW. slope.

63.25 Gully, course N.60°W.

65.50 Draw, course N.10°E. Asc. 195 ft. over E. slope.

77.65 Fence, bears N.30°E. and S.30°W.

77.70 Ridge, bears N.40°W. and S.20°E. Along S. slope.

Survey of the South Boundary

T.4 S., R.19 E.

BOOK 3981

chains

80.00

Set an iron post, 3 ft. long, 2 ins. diam. 30 ins. in the ground, for the cor. of secs. 3,4,33 and 34, with brass cap mkd.

T4S	R19E
S 33	S 34
S 4	S 3
T5S	
1932	

from which

A juniper, 6 ins. diam. bears N.66 $\frac{1}{2}$ °E. 102 lks. dist. mkd. T4S R19E S34 BT

A juniper, 6 ins. diam. bears S.85°E. 83 lks. dist. mkd. T5S R19E S3 BT

A juniper, 6 ins. diam. bears S.77°W. 69 lks. dist. mkd. T5S R19E S4 BT

A pinon, 9 ins. diam. bears N.24°W. 51 lks. dist. mkd. T4S R19E S33 BT

Land, rolling mountains. Soil, rocky, 3rd. rate. Timber, juniper and pinon. Undergrowth oak, laurel, catclaw, mahogany and cacti.

N.89°58'W. on true line bet. secs. 4 and 33.

Over rolling mountainous land, through scattered timber and dense undergrowth.

Along S. slope.

12.00

Change of slope to SW. Desc. 125 ft.

22.00

Flat spur, slopes S.80°W. Desc. 35 ft. along N. slope.

24.00

Old fencing, bears N.20°W. and S.20°E.

29.00

Same spur, slopes N.80°W.

35.00

Same spur, slopes SW. Desc. 140 ft. over W. slope.

40.00

Set an iron post, 3 ft. long, 1 in. diam. 20 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 33	
S 4	
1932	

from which

A pinon, 9 ins. diam. bears N.11 $\frac{1}{2}$ °W. 93 lks. dist. mkd. $\frac{1}{4}$ S 33 BT

A pinon, 7 ins. diam. bears S.54°W. 28 lks. dist. mkd. $\frac{1}{4}$ S 4 BT

Desc. 165 ft. over W. slope.

46.70

Small draw, course N.30°W. Asc. 320 ft. over NE. slope.

59.00

Spur, slopes N.20°E. Desc. 360 ft. over NW. slope.

Survey of the South Boundary

T.4 S., R.19 E.

chains

67.50 Gully, course N.60°W.

79.00 Set an iron post, 3 ft. long, 2 ins. diam. 28 ins. in the ground, for witness cor. for secs. 4, 5, 32 and 33, with brass cap mkd.

	T4S	R19E
WC	S 32	S 33
	S 5	S 4
	T5S	
	1932	

from which

An oak, 6 ins. diam. bears N.56 3/4°E. 58 lks. dist.
mkd. T4S R19E S33 BTA pinon, 6 ins. diam. bears S.52 3/4°E. 202 lks. dist.
mkd. T5S R19E S4 BTA juniper, 6 ins. diam. bears S.80°W. 5 lks. dist.
mkd. T5S R19E S5 BTA juniper, 8 ins. diam. bears N.45 3/4°W. 221 lks. dist.
mkd. T4S R19E S32 BT

79.75 Old road, abandoned, bears N.60°E. and S.60°W.

80.00 True point for the cor. of secs. 4, 5, 32 and 33, falls in the bottom of Hawk Canyon, watercourse 50 lks. wide, course N.30°E., an insecure position for a cor. monument.

Land, rolling mountains.

Soil, rocky, 3rd. and 4th. rate.

Timber, scattered pinon and juniper.

Undergrowth, oak, laurel, catclaw and cacti.

N.89°58'W. on true line bet. secs. 5 and 32.

Over mountainous land, through scattered timber and undergrowth.

0.30 Hawk Creek, 4 lks. wide, 2 ins. deep, course NE.

1.00 Asc. 1100 ft. over E. slope.

36.75 Ridge, bears N.40°W. and S.40°E. Desc. 30 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 18 ins. in the ground, to bedrock, and in a mound of stone to top, for 1/4 sec. cor. with brass cap mkd.

	S 32
1/4	S 5

1932

from which

A juniper, 10 ins. diam. bears N.54°W. 215 lks. dist.
mkd. 1/4 S 32 BTA juniper limb, 10 ins. diam. bears S.8°W. 71 lks. dist.
mkd. 1/4 S 5 BT

Desc. 30 ft. over SW. slope.

43.80 Head of ravine, course S. Asc. 105 ft. over SE. slope.

Resurvey of the South Boundary

T.4 S., R. 19 E.

BOOK 3981

- chains
- 52.50 Short spur, slopes S. Desc. 45 ft. over SW. slope.
- 58.50 Ridge (same) bears N.80°E. and S.80°W. Desc. 85 ft. over NW. slope.
- 64.70 Head of ravine, course N. Asc. 125 ft. over NE. slope.
- 78.50 Same ridge, bears N.70°W. and S.70°E. Desc. 20 ft. over SW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 8 ins. in the ground, to bedrock, with stone marked X deposited alongside, and in a mound of stone to top, for the cor. of secs. 5, 6, 31 and 32, with brass cap mkd.

T4S R19E
 S 31 | S 32
 S 6 | S 5
 T5S
 1932

Land, mountainous.
 Soil, rocky. 3rd. and 4th. rate.
 Timber, juniper and pinon.
 Undergrowth, oak, laurel, catclaw and cacti.

N.89°58'W. on true line bet. secs. 6 and 31.

Over mountainous land, through scattered timber and undergrowth.

Desc. 20 ft. over SW. slope.

- 3.60 Ridge, bears N.70°E. and S.70°W. Desc. 80 ft. over NW. slope.
- 8.00 Head of ravine, course N.20°E. Asc. 370 ft. over NE. slope.
- 26.10 Ridge (same) bears N.40°W. and S.40°E. Desc. 70 ft. over SW. slope.
- 31.20 Head of ravine, course S. Asc. 60 ft. over SE. slope.
- 38.60 Spur, slopes S. Desc. 25 ft. over SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 16 ins. in the ground, to bedrock, and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

¼ S 31
 S 6
 1932

from which

A juniper, 8 ins. diam. bears N.24°E. 143 lks. dist.
 mkd. ¼ S 31 BT

A juniper, 6 ins. diam. bears S.31°W. 27 lks. dist.
 mkd. ¼ S 6 BT

Desc. 455 ft. over SW. slope.

- 70.50 Ravine, course S.20°W. Along S. slope.
- 74.00 Ravine, course S.10°E. Asc. 90 ft. over E. slope.

Survey of the South Boundary

T.4 S., R.19 E.

chains

79.08 The cor. of Ts. 4 & 5 S., Rs. 18 & 19 E. which is an iron post, 3 ins. diam. firmly set, mkd. and witnessed as described in the official record.

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, pinon and juniper.
Undergrowth, oak, manzanita, laurel, catclaw and cacti.

Survey of the West Boundary

T.4 S., R.19 E.

North on true line bet. secs. 31 and 36.

Over mountainous land, through scattered timber and dense undergrowth.

Asc. 75 ft. over SE. slope.

12.20 Ravine, course S.30°E. Change of slope to S. Asc. 135 ft.

18.80 Spur, slopes S.60°W. Asc. 55 ft. over SW. slope.

29.00 Change of slope to NW. Desc. 185 ft.

34.60 Ravine, course W. Asc. 185 ft. over steep SW. slope.

40.00 True point for $\frac{1}{4}$ sec. cor. falls upon a sloping rocky bluff, an insecure position for a corner monument.

40.30 Set an iron post, 3 ft. long, 1 in. diam. 20 ins. in the ground, to bedrock, with a granite stone 6 x 6 x 8 ins. mkd. X deposited alongside, and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
S 36 | S 31
WC
1932

Asc. rocky SW. slope 665 ft.

60.60 Sharp rocky ridge, bears N.70°W. and S.70°E. Desc. 850 ft. over steep NE. slope.

78.00 Change of slope to NW. Small spur, slopes NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 3 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 25, 30, 31 and 36, with brass cap mkd.

T4S
R18E | R19E
S 25 | S 30
S 36 | S 31

1932

from which

A pinon, 6 ins. diam. bears N.37°E. 105 lks. dist.
mkd. T4S R19E S30 BT

An ash, 6 ins. diam. bears S.25 $\frac{1}{2}$ °E. 42 lks. dist.
mkd. T4S R19E S31 BT

Survey of the West Boundary

T.4 S., R.19 E.

BOOK 3981

chains

A pinon, 12 ins. diam. bears S.12 3/4°W. 54 lks. dist. mkd. T4S R18E S36 BT

A pinon, 10 ins. diam. bears N.47 3/4°W. 115 lks. dist. mkd. T4S R18E S25 BT

Land, rough mountains. Soil, rocky, 3rd. and 4th. rate. Timber, pinon and juniper. Undergrowth, oak, laurel, catchlaw and cacti.

North on true line bet. secs. 25 and 30.

Over mountainous land, through scattered timber and dense undergrowth.

Desc. 55 ft. over NW. slope.

1.20 Head of raving, course NE. Desc. 210 ft. over NE. slope.

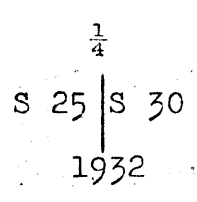
7.90 Ravine, course N.70°E. Asc. 75 ft. over SE. slope.

14.50 Change of slope to NE. Desc. 60 ft.

18.00 Spur, slopes N.30°E. Desc. 385 ft. over NW. slope.

33.70 Ravine, course N.20°E. Desc. 75 ft. over NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 24 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.



from which

A pinon, 5 ins. diam. bears S.85 1/4°E. 54 lks. dist. mkd. 1/4 S 30 BT

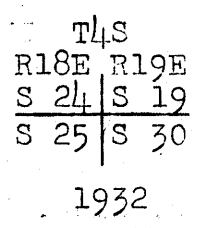
A juniper, 9 ins. diam. bears N.67 3/4°W. 113 lks. dist. mkd. 1/4 S 25 BT

Desc. 460 ft. over NE. slope.

60.20 Gully, course N.20°E.

70.00 Change of slope to N. Desc. gradually.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 24 ins. in the ground, for the cor. of secs. 19, 24, 25 and 30, with brass cap mkd.



from which

A juniper, 8 ins. diam. bears N.46 1/2°E. 240 lks. dist. mkd. T4S R19E S19 BT

A juniper, 8 ins. diam. bears S.87 3/4°E. 113 lks. dist. mkd. T4S R19E S30 BT

Survey of the West Boundary

T.4 S., R.19 E.

chains

A juniper, 6 ins. diam. bears S.11°W, 65 lks. dist.
mkd. T4S R18E S25 BT

A juniper, 8 ins. diam. bears N.64½°W. 13¼ lks. dist.
mkd. T4S R18E S24 BT

Land, rough mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, pinon and juniper.
Undergrowth, oak, laurel, catclaw, mesquite and cacti.

North on true line bet. secs. 19 and 24.

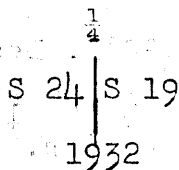
Over rolling mountainous land, through scattered timber
and undergrowth.

Desc. 190 ft. over N. slope.

9.30 Ravine, course N.30°E.

30.70 Hawk Canyon, flowing a small stream of water, course
N.60°W. Asc. 190 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the
ground, for ¼ sec. cor. with brass cap mkd.



from which

A juniper, 10 ins. diam. bears N.57°E. 356 lks. dist.
mkd. ¼ S19 BT

A juniper, 10 ins. diam. bears S.33½°W. 219 lks. dist.
mkd. ¼ S24 BT

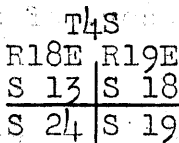
Asc. 145 ft. over SW. slope.

48.80 Spur, slopes S.30°E. Desc. 60 ft. over NE. slope.

55.20 Head of ravine, course S.40°E. Asc. 250 ft. over S. slope.

68.60 Roadway, bearing SE. and NE. bears East about 5.00 chs.
distant.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 30 ins. in the
ground, for the cor. of secs. 13, 18, 19 and 24, with
brass cap mkd.



1932

from which

A juniper, 8 ins. diam. bears N.53½°E. 1¼ lks. dist.
mkd. T4S R19E S18 BT

A juniper, 10 ins. diam. bears S.14°E. 2¼ lks. dist.
mkd. T4S R19E S19 BT

A juniper, 10 ins. diam. bears S.41¾°W. 60 lks. dist.
mkd. T4S R18E S24 BT

Survey of the West Boundary

T.4 S., R.19 E.

BOOK 3981

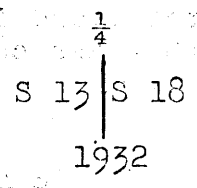
chains

A juniper, 5 ins. diam. bears N.49½°W. 369 lks. dist. mkd. T4S R18E S13 BT

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper.
Undergrowth, catclaw, cacti, mesquite and oak.

North on true line bet. secs. 13 and 18.
Over rolling mountainous land, through scattered timber and undergrowth.

- 1.00 Flat ridge, bears E. and W.
- 2.50 Desc. 235 ft. over N. slope.
- 6.90 Gully, course NW.
- 12.50 Gulch, course S.80°W. Asc. 440 ft. over S. slope.
- 34.70 Spur, slopes N.60°W. Desc. 50 ft. over NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 14 ins. in the ground, to bedrock, and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.



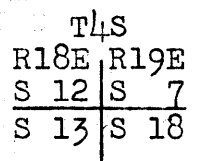
from which

A juniper, 6 ins. diam. bears S.34½°E. 65 lks. dist. mkd. ¼ S18 BT

A juniper, 20 ins. diam. bears N.42°W. 136 lks. dist. mkd. ¼ S13 BT

Desc. 60 ft. over NE. slope.

- 44.40 Ravine, course N.70°W. Asc. 45 ft. over SW. slope.
- 53.00 Small spur, slopes N.70°W. Desc. 75 ft. over NE. slope.
- 59.00 Ravine, course N.60°W. Asc. 95 ft. over SW. slope.
- 69.30 Small spur, slopes W. Desc. 60 ft. over NW. slope.
- 73.30 Ravine, course S.80°W. Asc. 135 ft. over S. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 28 ins. in the ground, for the cor. of secs. 7,12,13 and 18, with brass cap mkd.



1932

from which

A juniper, 10 ins. diam. bears N.65½°E. 63 lks. dist. mkd. T4S R19E S7 BT

A juniper, 5 ins. diam. bears S.67°E. 83 lks. dist.

Survey of the West Boundary

T.4 S., R.19 E.

chains

mkd. T4S R19E S18 BT

A juniper, 8 ins. diam. bears S.15°W. 158 lks. dist.
mkd. T4S R18E S13 BTA juniper, 9 ins. diam. bears N.39°W. 46 lks. dist.
mkd. T4S R18E S12 BT

Land, mountains.

Soil, rocky, 3rd. and 4th. rate.

Timber, juniper.

Undergrowth, catclaw, palocristi, oak and cacti.

North on true line bet. secs. 7 and 12.Over rolling, mountainous land, through scattered timber
and undergrowth.

Asc. 120 ft. over S. slope.

5.70 Spur, slopes W. Desc. 325 ft. over N. slope.

20.60 Ravine, course N.60°W. Change of slope to NW.

22.80 Ravine, course N.80°W. Asc. 250 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 18 ins. in the
ground, to bedrock, and in a mound of stone to top, for
 $\frac{1}{4}$ sec. cor. with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ | \\ S \ 12 \ | \ S \ 7 \\ | \\ 1932 \end{array}$$

from which

A juniper, 4 ins. diam. bears N.22°E. 173 lks. dist.
mkd. $\frac{1}{4}$ S7 BTA juniper, 6 ins. diam. bears N.41°W. 53 lks. dist.
mkd. $\frac{1}{4}$ S12 BT

Asc. 270 ft. over SW. slope.

68.50 Spur, slopes N.80°W. Desc. 165 ft. over N. slope.

76.40 Head of ravine, course W. Asc. 75 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 10 ins. in
the ground, to bedrock, and in a mound of stone to top,
for the cor. of secs. 1,6,7 and 12, with brass cap mkd.
$$\begin{array}{c} T4S \\ R18E \ | \ R19E \\ S \ 1 \ | \ S \ 6 \\ \hline S \ 12 \ | \ S \ 7 \end{array}$$

1932

from which

A pinon, 16 ins. diam. bears N.35°E. 329 lks. dist.
mkd. T4S R19E S6 BTA juniper, 6 ins. diam. bears S.72 $\frac{1}{2}$ °W. 122 lks. dist.
mkd. T4S R18E S12 BTA juniper, 6 ins. diam. bears N.23 $\frac{1}{4}$ °W. 373 lks. dist.

Survey of the West Boundary

T.4 S., R.19 E.

BOOK 3981

chains

mkd. T4S R18E S1 BT

Land, mountainous.
Soil, rocky, 3rd. rate.
Timber, juniper and pinon.
Undergrowth, cacti, catclaw and oak.

North on true line bet. secs. 1 and 6.

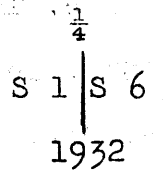
Over mountainous land, through scattered timber and undergrowth.

Asc. 100 ft. over SW. slope.

6.70 Spur, slopes N.70°W. Desc. 650 ft. over N. slope.

36.00 Ravine, course N.70°W. Asc. 30 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 20 ins. in the ground, to bedrock, and in a mound of stone to top, for 1/4 sec. cor. with brass cap mkd.



from which

A juniper, 5 ins. diam. bears N.10 1/2°W. 252 lks. dist. mkd. 1/4 S1 BT

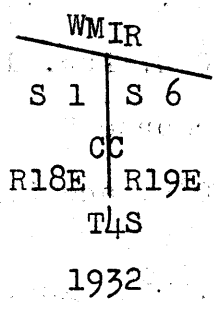
Asc. 30 ft. over SW. slope.

44.70 Spur, slopes W. Desc. 100 ft. over NW. slope.

50.80 Ravine, course W. Asc. 60 ft. over SW. slope.

53.33 Intersect the South Boundary of the White Mountain Indian Reservation.

Set an iron post, 3 ft. long, 3 ins. diam. 8 ins. in the ground, to bedrock, with a granite stone 4 x 6 x 8 ins. marked X deposited alongside, and in a mound of stone to top, for closing cor. of Tps. 4 S., Rs. 18 & 19 E. with brass cap mkd.



From point of intersection the 23 1/2 mile monument on the bdy. of the White Mountain Indian Reservation, hereinbefore described, bears S.68°01'E. 15.05 chs. distant.

Land, mountainous.
Soil, rocky, 3rd. and 4th. rate.
Timber, scattered juniper and pinon.
Undergrowth, catclaw, oak and cacti.

Subdivision of T.4 S., R.19 E.

chains

From true point for the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp.

N.0°01'W. bet. secs. 35 and 36.

Over mountainous land, through scattered timber and dense undergrowth.

Desc. 25 ft. along ravine, course N.

3.30 Leave ravine, course N.20°E. Asc. 30 ft. along E. slope.

4.70 Gully, course N.60°E.

9.60 Desc. 135 ft. over NE. slope.

13.20 Road, bears N.70°W. and S.70°E.

13.80 Garden Creek, 5 lks. wide, 2 ins. deep, course N.70°W.

Asc. 140 ft. over S. slope.

19.10 Point of spur, slopes SW. Desc. 125 ft. over NW. slope.

25.50 Gulch, course W. Asc. 145 ft. over SW. slope.

30.00 Spur, slopes S.70°W. Desc. 75 ft. over NW. slope.

32.90 Ravine, course S.60°W. Asc. 90 ft. over SW. slope.

36.70 Spur, slopes S.70°W. Desc. 45 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 18 ins. in the ground, to bedrock, with a granite stone 5 x 5 x 8 ins. marked X deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$

S 35	S 36
------	------

1932

Desc. 45 ft. over NW. slope.

43.00 Road, bears N.30°E. and S.30°W.

43.20 Gulch, course S.30°W. Asc. 430 ft. over SE. slope.

43.70 Road, bears N.80°E. and S.80°W.

60.60 Spur, slopes S.30°W. Asc. 195 ft. over SW. slope.

64.20 Head of ravine, course SW.

73.00 Ridge, bears N.70°E. and S.70°W. Desc. 55 ft. over NW. slope.

79.50 Ravine, course S.60°W. Asc. 10 ft. over S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 18 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 25, 26, 35 and 36, with brass cap mkd.

T4S	R19E
-----	------

S 26	S 25
------	------

S 35	S 36
------	------

1932

from which

Subdivision of T.4 S., R.19 E.

BOOK 3981

chains

An oak, 10 ins. diam. bears S.10°E. 172 lks. dist.
mkd. T4S R19E S36 BT

An oak, 10 ins. diam. bears S.22½°W. 215 lks. dist.
mkd. T4S R19E S35 BT

An oak, 9 ins. diam. bears N.82 3/4°W. 252 lks. dist.
mkd. T4S R19E S26 BT.

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, oak and juniper.
Undergrowth, oak, mahogany, catclaw and cacti.

S.89°58'E. on a random line bet.secs. 25 and 36.

40.00 Set temp. ¼ sec. cor.

79.72 Intersect the E. bdy. of the Tp. at the cor. of secs.
25, 30, 31 and 36, which is an iron post, 2 ins. diam.
firmly set, 12 ins. above ground, mkd. and witnessed as
described in the official record.

Thence

N.89°58'W. on true line bet.secs. 25 and 36.

Over mountainous land, through scattered timber and
undergrowth.

Asc. 45 ft. over NE. slope.

5.30 Short spur. slopes N. Desc. 60 ft. over NW. slope.

7.90 Ravine, course N. Asc. 200 ft. over NE. slope.

13.70 Spur, slopes N. Desc. 475 ft. over NW. slope.

30.40 Ravine, course N.20°E. Asc. 175 ft. over E. slope.

38.20 Ridge, bears N.70°W. and S.20°E. Along S. slope.

39.86 Set an iron post, 3 ft. long, 1 in. diam. 6 ins. in the
ground, to bedrock, with a granite stone 4 x 6 x 8 ins.
marked X deposited alongside, and in a mound of stone
to top, with brass cap mkd.

¼ S 25
¼ S 36

1932

Asc. 305 ft. along SE. slope.

64.20 Ridge, bears N. and S. Desc. 550 ft. over W. slope.

78.60 Ravine, course S.60°W. Along S. slope.

79.72 The cor. of secs. 25, 26, 35 and 36.

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper.
Undergrowth, manzanita, oak, catclaw and cacti.

N.0°01'W. bet.secs. 25 and 26.

Subdivisions of T.4 S., R.19 E.

chains

Over mountainous land, through scattered timber and undergrowth.

Asc. 245 ft. over SW. slope.

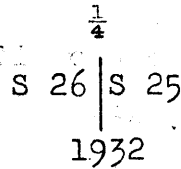
10.20 Spur, slopes SW. Desc. 165 ft. over NW. slope.

19.50 Gulch, course S.40°W. Asc. 335 ft. over S. slope.

25.40 Fence bears N.30°E. and S.30°W.

27.00 Spur, slopes SW. Asc. 305 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 6 ins. in the ground, to bedrock, and in a mound of stone to top, for 1/4 sec. cor. with brass cap mkd.



from which

An oak, 8 ins. diam. bears N.40 1/2°E. 95 lks. dist. mkd. 1/4 S25 BT

A juniper, 10 ins. diam. bears S.80 1/2°W. 165 lks. dist. mkd. 1/4 S26 BT

40.10 Spur, slopes W. Desc. 405 ft. over NW. slope.

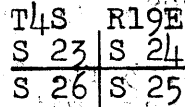
51.30 Ravine, course W. Asc. 60 ft. over SW. slope.

55.00 Along W. slope.

71.60 Fence; bears N.30°W. and S.30°E.

73.50 Ridge, bears W. and S.30°E. Desc. 190 ft. over NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 8 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 23, 24, 25 and 26, with brass cap mkd.



1932

from which

A juniper, 18 ins. diam. bears N.15°E. 28 lks. dist. mkd. T4S R19E S24 BT

Land, rolling mountains.

Soil rocky, 3rd. and 4th. rate.

Timber, juniper and oak.

Undergrowth, oak, mahogany, catclaw and cacti.

S.89°58'E. on a random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

79.86 Intersect the E. bdy. of the Tp. 9 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 2 ins. diam. firmly set, 10 ins. above ground, mkd. and witnessed as described in the official record.

Thence

chains

N.89°54'W. on true line bet. secs. 24 and 25.

Asc. 25 ft. over E. slope.

1.35 Small spur, slopes N.20°E. Desc. 20 ft.

4.00 Asc. 285 ft. over NE. slope.

15.25 Ravine, course N.60°E.

23.00 Spur, slopes N.20°E. Desc. 200 ft. over NW. slope.

35.00 Ravine, course N.60°W.

39.93 Set an iron post, 3 ft. long, 1 in. diam. 18 ins. in the ground, to bedrock, with a granite stone 3 x 4 x 16 ins. marked X deposited alongside, and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

¼ S 24
S 25

1932

Desc. 210 ft. over NW. slope.

49.20 Draw, course N.20°E. Asc. 510 ft. over E. slope.

71.85 Spur, slopes N.30°E. Desc. 70 ft. over NW. slope.

76.85 Head of ravine, course N. Asc. 20 ft. over NE. slope.

79.86 The cor. of secs. 23, 24, 25 and 26.

Land, mountainous.

Soil, rocky, 3rd. and 4th. rate.

Timber, juniper.

Undergrowth, oak, manzanita, laurel, mahogany and cacti.

N.0°01'W. bet. secs. 23 and 24.

Over rolling mountainous land, through scattered timber and undergrowth.

Desc. 330 ft. over NE. slope.

17.50 Gully, course N.60°E. Asc. 70 ft. over SE. slope.

22.40 Point of spur, sloping N.70°E. Desc. 270 ft. over NE. slope.

34.90 Gulch, course N.60°E.

39.70 Gulch, course N.80°E. Asc. 10 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 14 ins. in the ground, to bedrock, and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

¼
S 23 | S 24

1932

from which

A juniper, 12 ins. diam. bears N.20½°W. 250 lks. dist. mkd. ¼ S.23 BT

chains

A juniper, 12 ins. diam. bears S.55°E. 143 lks. dist.
mkd. $\frac{1}{4}$ S24 BT

Asc. 135 ft. over SE. slope.

52.60 Short spur, slopes NE. Desc. 250 ft. over NE. slope.

68.00 Draw, course N.50°E. Asc. 35 ft. over SE. slope.

75.40 Fence, bears N.60°E. and S.60°W.

76.30 Ridge, bears S.60°W. sloping N.60°E. Desc. 75 ft. over N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 20 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 13, 14, 23 and 24, with brass cap mkd.

T4S	R19E
S 14	S 13
S 23	S 24

1932

from which

A pinon, 8 ins. diam. bears N.70 $\frac{1}{2}$ °E. 55 lks. dist.
mkd. T4S R19E S13 BT

A pinon, 6 ins. diam. bears S.7 $\frac{1}{2}$ °E. 64 lks. dist.
mkd. T4S R19E S24 BT

A pinon, 7 ins. diam. bears N.14°W. 108 lks. dist.
mkd. T4S R19E S23 BT

A pinon, 6 ins. diam. bears N.67°W. 16 lks. dist.
mkd. T4S R19E S14 BT

Land, rolling mountains.
Soil, rocky, 3rd. rate.
Timber, juniper and pinon.
Undergrowth, manzanita, oak, laurel and cacti.

S.89°54'E. on a random line bet. secs. 13 and 24.

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

79.80 Intersect the E. bdy. of the Tp. 11 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, 2 ins. diam. firmly set, 10 ins. above ground, mkd. and witnessed as described in the official record.

Thence

N.89°59'W. on true line bet. secs. 13 and 24.

Over rolling hills, through scattered timber and dense undergrowth.

Desc. 250 ft. over an increasing SW. slope.

12.00 Mitchell Canyon, course N.40°W. Asc. 315 ft. over NE. slope.

23.80 Ridge, bears N.60°W. and S.60°E. Desc. 340 ft. over SW. slope.

131
mitchell

chains

33.50 Enter Kelley Canyon, stream 5 lks. wide, 2 ins. deep, course N. 60° W.

37.00 Leave canyon; asc. 65 ft. over NE. slope.

39.90 Set an iron post, 3 ft. long, 1 in. diam. on bedrock, supported in a mound of stone to top, for 1/4 sec. cor. with brass cap mkd.

1/4 S 13 / S 24

1932

from which

A pinon, 5 ins. diam. bears N. 51° E. 43 lks. dist. mkd. 1/4 S13 BT

A pinon, 5 ins. diam. bears S. 56° W. 82 lks. dist. mkd. 1/4 S24 BT

Asc. 30 ft. over NE. slope.

43.20 Change of slope to E; asc. 195 ft.

52.75 Spur, slopes N. Desc. 185 ft. over NW. slope.

62.80 Draw, course N. Asc. 250 ft. over E. slope.

70.80 Ridge, bears N. and SW. Desc. 60 ft. over NW. slope.

72.50 Fence, bears N. 20° E. and S. 20° W.

77.40 Head of ravine, course NW. Asc. 20 ft. over NE. slope.

79.80 The cor. of secs. 13, 14, 23 and 24.

Land, rolling hills.

Soil, rocky, 3rd. and 4th. rate.

Timber, pinon and juniper.

Undergrowth, oak, manzanita, laurel and cacti.

N. 0° 01' W. bet. secs. 13 and 14.

Over rolling hills, through scattered timber and dense undergrowth.

Desc. 205 ft. over N. slope.

14.70 Ravine, course NW. Asc. 60 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4 S 14 | S 13

1932

from which

A pinon, 5 ins. diam. bears S. 45 1/2° E. 507 lks. dist. mkd. 1/4 S13 BT

A pinon, 5 ins. diam. bears N. 31 1/4° W. 93 lks. dist. mkd. 1/4 S14 BT

Asc. 40 ft. over SW. slope.

45.00 Fence, along ridge, bearing NW. and SE. Desc. 315 ft. over NE. slope.

60.30 Ravine, course N. 70° E. Asc. 110 ft. over SE. slope.

66.70 Spur, slopes N. 70° E. Desc. 260 ft. over N. slope.

77.70 Gully, course NE. Asc. 55 ft. over SE. slope.

chains
80.00

Set an iron post, 3 ft. long, 2 ins. diam. 22 ins. in the ground, to bedrock, with a granite stone 4 x 8 x 10 ins. marked X deposited alongside, and in a mound of stone to top, for the cor. of secs. 11, 12, 13 and 14, with brass cap mkd.

T4S R19E
S 11 | S 12
S 14 | S 13

1932

Land, rolling and broken hills.
Soil, rocky, 3rd. and 4th. rate.
Timber, pinon.
Undergrowth, manzanita, oak, laurel, catclaw and cacti.

S.89°59'E. on true line bet. secs. 12 and 13.

Over broken hills, through scattered timber and dense undergrowth.

Desc. 275. ft. over E. slope.

3.00 Fence, bears N.77°W. and S.77°E.

6.10 Gully, course NE.

10.50 Kelley Canyon, 1. ch. wide, stream 5 lks. wide, 2 ins. deep, course N.45°W. Asc. 260 ft. over steep SW. slope.

23.14 Intersect the bdy. of the White Mountain Indian Reservation.

Set an iron post, 3 ft. long, 2 ins. diam. 30 ins. in the ground, for closing cor. of secs. 12 and 13, with brass cap mkd.

T4S
CC S 12 | WMIR
S 13
R19E
1932

raise a mound of stone 3 ft. base, 2 ft. high. W. of cor.

From point of intersection Angle Point No. 3, on the bdy. of the White Mountain Indian Reservation, hereinbefore described, bears S.46°00'E. 8.33 chs. dist.

Land, broken hills.
Soil, rocky, 3rd. and 4th. rate.
Timber, scattered pinon.
Undergrowth, manzanita, oak, catclaw and cacti.

At mid-point, in departure on the N. bdy. of sec. 13, S.77°52'E. 9.40 chs. dist. from the reconstructed 18th. mile monument on the bdy. of the White Mountain Indian Reservation, hereinbefore described, set an iron post, 3 ft. long, 1 in. diam. 20 ins. in the ground, to bedrock, and in a mound of stone to top, for 1/4 sec. cor. of sec. 13 only, with brass cap mkd.

WMIR
1/4 S 13

1932

from which A pinon, 4 ins. diam. bears S.31°E. 107 lks. dist. mkd. 1/4 S13 BT

Subdivision of T. 4 S., R. 19 E.

BOOK 3881

Chains

A pinon, 6 ins. diam. bears N. 81° W. 348 lks. dist. mkd. $\frac{1}{4}$ S13 BT

From the cor. of secs. 11, 12, 13 and 14.

N. 0° 01' W. bet. secs. 11 and 12.

Over broken hills, through scattered timber and undergrowth. Along E. slope.

0.30 Short spur, slopes E.

1.00 Desc. 325 ft. over steep NE. slope.

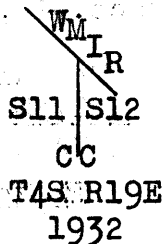
7.92 Intersect line 1-4 of the Oregon Lode, Min. Sur. No. 2372 S. 44° 00' W. 10.37 chs. dist. from Cor. No. 4 of the Helen Lode, hereinbefore described.

12.30 Kelley Canyon, 1.00 ch. wide, stream 5 lks. wide, 2 ins. deep, course N. 45° W.

Asc. 230 ft. over steep SW. slope.

22.35 Intersect the bdy. of the White Mountain Indian Reservation.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for closing cor. of secs. 11 and 12, with brass cap mkd.



from which

A pinon, 10 ins. diam. bears N. 46½° W. 62 lks. dist., mkd T4S R19E S11 CC BT

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

From point of intersection Angle Point No. 3, on the bdy. of the White Mountain Indian Reservation, bears S. 46° 00' E. 40.49 chs. dist.

Land, broken hills.

Soil, rocky, 3d and 4th rate.

Timber, pinon and juniper.

Undergrowth, manzanita, laurel, catclaw and cacti.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp.

N. 0° 01' W. bet. secs. 34 and 35.

Over rolling mountains, through scattered timber and dense undergrowth.

Desc. 55 ft. over N. slope.

5.40 Draw, course W. Asc. 375 ft. over S. slope.

25.10 Spur, slopes W. Desc. 255 ft. over NW. slope.

Subdivision of T. 4 S., R. 19 E.

Chains	
40.00	Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S34 S35 1932
	from which
	A pinon, 6 ins. diam., bears S. 86° E. 53 lks. dist. mkd. $\frac{1}{4}$ S35 BT
	An oak, 6 ins. diam. bears N. 25° W. 25 lks. dist., mkd. $\frac{1}{4}$ S34 BT
	Desc. 25 ft. over N. slope.
41.70	Garden Creek, stream 5 lks. wide, 2 ins. deep, course S. 70° W.
	Asc. 365 ft. over SW. slope.
57.60	Spur, slopes S. 80° W. Desc. 115 ft. over NW. slope.
64.70	Fence, bears E. and W.
68.40	Ravine, course S. 70° W. Asc. 210 ft. over SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam. 18 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 26, 27, 34 and 35, with brass cap mkd
	T4S R19E <u>S 27 S 26</u> S 34 S 35 1932
	from which
	A juniper, 14 ins. diam. bears N. 34° E. 40 lks. dist. mkd. T4S R19E S26 BT
	A juniper, 7 ins. diam. bears S. 10° E. 69 lks. dist., mkd. T4S R19E S35 BT
	A juniper, 8 ins. diam. bears S. 28 $\frac{1}{2}$ ° W. 52 lks. dist., mkd. T4S R19E S34 BT
	A juniper, 6 ins. diam. bears N. 25° W. 178 lks. dist., mkd T4S R19E S27 BT.
	Land, rolling mountains. Soil, rocky, 3d and rth rate. Timber, juniper and pinon. Undergrowth, oak, catclaw and caoti.
	S. 89° 58' E. on a random line bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. and S. line 7 lks. S. of the cor. of secs. 25, 26, 35 and 36.
	Thence
	S. 89° 59' W. on true line bet. secs. 26 and 35.

Subdivision of T.4 S., R.19 E.

BOOK 3981

chains
 Over rolling mountains, through scattered timber and dense undergrowth.
 Desc. 415 ft. over SW. slope.
 20.65 Ravine, course SW. Asc. 50 ft. over SE. slope.
 23.75 Change of slope to SW. Desc. 145 ft.
 27.65 Fence, bears NE. and SW.
 29.70 Draw, course N:70°W. Along N. slope.
 39.98 Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground, for ¼ sec. cor. with brass cap mkd.

¼ S 26
 S 35

1932

from which

A juniper, 6 ins. diam. bears N.81°W. 57 lks. dist.
 mkd. ¼ S26 BT

A juniper, 8 ins. diam. bears S.57°E. 100 lks. dist.
 mkd. ¼ S35 BT

42.00 Change of slope to NW. Desc. 145 ft.
 55.35 Road, bears N.20°W. and S.20°E.
 56.85 Ravine, course N.30°W. Asc. 190 ft. over E. slope.
 75.00 Ridge, bears N.50°W. and S.50°E. Desc. 90 ft. over SW. slope.
 79.96 The cor. of secs. 26, 27, 34 and 35.

Land, mountainous.
 Soil, rocky, 3rd. and 4th. rate.
 Timber, juniper and pinon.
 Undergrowth, oak, mahogany, catclaw and cacti.

N.0°01'W. bet. secs. 26 and 27.

Over rolling mountains, through scattered timber and undergrowth.
 Asc. 140 ft. over SW. slope.

10.00 Point of ridge, extending S.30°E.; spur, slopes NW.
 Desc. 240 ft. over NE. slope.
 22.60 Ravine, course N.70°W. Asc. 45 ft. over SW. slope.
 29.00 Low ridge, bears NW. and SE. Desc. 185 ft. over NE. slope.
 38.70 Draw, water in pools, course N.30°W. Asc. 10 ft.
 39.80 Road to Coolidge Dam bears N.30°W. and S.30°E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam. on bedrock, supported in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

¼
 S 27 | S 26

1932

from which

chains

A juniper, 7 ins. diam. bears N. $4\frac{1}{2}^{\circ}$ E. 23 lks. dist.
mkd. $\frac{1}{4}$ S26 BT

A pinon, 6 ins. diam. bears S. $53\frac{3}{4}^{\circ}$ W. 272 lks. dist.
mkd. $\frac{1}{4}$ S27 BT

Asc. 65 ft. over SW. slope.

46.70 Change of slope to W.

53.20 Gulch. course S. 60° W. Asc. 115 ft. over SW. slope.

61.20 Fence, bears N. 60° W. and S. 60° E.

63.50 Spur, slopes S. 70° W. Desc. 145 ft. over NW. slope.

70.70 Ravine, course S. 70° W. Asc. 215 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. on surface
rock, supported in a mound of stone to top, for the cor.
of secs. 22, 23, 26 and 27, with brass cap mkd.

T4S	R19E
S 22	S 23
S. 27	S 26

1932

from which

A juniper, 8 ins. diam. bears N. 26° E. 164 lks. dist.
mkd. T4S R19E S23 BT

A juniper, 10 ins. diam. bears S. $62\frac{1}{2}^{\circ}$ E. 203 lks. dist.
mkd. T4S R19E S26 BT

A juniper, 10 ins. diam. bears S. $13\frac{1}{2}^{\circ}$ W. 159 lks. dist.
mkd. T4S R19E S27 BT

A juniper, 8 ins. diam. bears N. 38° W. 72 lks. dist.
mkd. T4S R19E S22 BT

Land, rolline mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper and pinon.
Undergrowth, oak, catclaw, manzanita and cacti.

N. $89^{\circ}59'$ E. on a random line bet. secs. 23 and 26.

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

79.84 Intersect N. and S. line 16 lks. S. of the cor. of secs.
23, 24, 25 and 26.

Thence

S. $89^{\circ}52'$ W. on true line bet. secs. 23 and 26.

Over rolling mountains. through scattered timber and
undergrowth.

Asc. 140 ft. over NE. slope.

5.00 Ridge, bears N. 70° W. and S. 30° E. Desc. 180 ft. over W.
slope.

7.60 Fence, bears N. 60° W. and S. 60° E.

12.40 Head of ravine course SW. Asc. 300 ft. over SE. slope.

Subdivision of T.4 S., R.19 E.

BOOK 3981

chains

28.90 End of fence, extending SW. bears S. about 10 lks. dist.

29.00 Spur, slopes S.20°W. Desc. 265 ft. over SW. slope.

39.92 Set an iron post, 3 ft. long, 1 in. diam. 20 ins. in the ground, to bedrock, and in a mound of stone to top, for 1/4 sec. cor. with brass cap mkd.

1/4 S 23
S 26

1932

from which

An oak, 20 ins. diam. bears N.26 1/4°E. 143 lks. dist.
mkd. 1/4 S23 BT

An oak, 12 ins. diam. bears S.31°E. 329 lks. dist.
mkd. 1/4 S26 BT

Desc. 655 ft. over SW. slope.

47.50 Gully, course SW.

66.00 Ravine, course S.10°W. Asc. 100 ft. over SE. slope.

72.80 Short spur, slopes S.10°W. Desc. 85 ft. over SW. slope.

79.84 The cor. of secs. 22,23,26 and 27.

Land, mountainous.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper and pinon.
Undergrowth, oak, mahogany, catclaw and cacti.

N.0°01'W. bet. secs. 22 and 23.

Over rolling mountains, through scattered timber and undergrowth.

Asc. 70 ft. over SW. slope.

8.20 Spur, slopes N.60°W. Desc. 210 ft. over N. slope.

16.70 Gulch, course N.70°W. Asc. 170 ft. over SW. slope.

31.70 Spur, slopes N.70°W. Desc. 30 ft. over NW. slope.

35.10 Ravine, course N.80°W. Asc. 95 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. on surface rock supported in a mound of stone to top, for 1/4 sec. cor. with brass cap mkd.

1/4
S 22 | S 23

1932

from which

An oak, 6 ins. diam. bears N.61 1/2°E. 53 lks. dist.
mkd. 1/4 S23 BT

An oak, 10 ins. diam. bears N.27 1/2°W. 115 lks. dist.
mkd. 1/4 S22 BT

chains

- Asc. 35 ft. over SW. slope.
- 42.60 Spur, slopes W. Desc. 190 ft. over NW. slope.
- 47.60 Ravine, course W. Asc. 330 ft. over SW. slope.
- 63.90 Spur, slopes W. A house bears S.80°40'W. 32.75 chs. dist.
Desc. 410 ft. over NW. slope.
- 68.50 Fence, bears N.80°E. and S.80°W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the ground, for the cor. of secs. 14, 15, 22 and 23, with brass cap mkd.

T4S	R19E
S 15	S 14
S 22	S 23

1932

from which

A pinon, 5 ins. diam. bears S.74°E. 42 lks. dist.
mkd. T4S R19E S23 BT

A pinon, 6 ins. diam. bears S.87½°W. 151 lks. dist.
mkd. T4S R19E S22 BT

An oak, 8 ins. diam. bears N.84½°W. 300 lks. dist.
mkd. T4S R19E S15 BT

Land, mountainous.

Soil, rocky, 3rd. and 4th. rate.

Timber, pinon and juniper; very scattered oak.

Undergrowth, oak, catclaw, manzanita and cacti.

N.89°52'E on a random line bet. secs. 14 and 23.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line 12 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence

S.89°57'W. on true line bet. secs. 14 and 23.

Over rolling mountains, through scattered timber and undergrowth.

Desc. 65 ft. over NW. slope.

44.85 Ravine, course N. Asc. 160 ft. over NE. slope.

12.10 Spur, slopes N. Desc. 235 ft. over NW. slope.

22.80 Ravine, course N.30°W. Asc. 130 ft. over NE. slope.

31.85 Spur, slopes N. Desc. 45 ft. over NW. slope.

39.98 Set an iron post, 3 ft. long, 1 in. diam. 20 ins. in the ground, to bedrock, and in a mound of stone to top, for ¼ sec. cor. with brass cap mkd.

Chains	
	$\frac{1}{4}$ S 14 S 23 1932 from which A pinon, 6 ins. diam. bears S. 42° E. 20 lks. dist., mkd. $\frac{1}{4}$ S23 BT A pinon, 7 ins. diam. bears N. 9° W. 58 lks. dist., mkd $\frac{1}{4}$ S14 BT Desc. 45 ft. over NW. slope.
44.50	Ravine, course N. 10° W. Asc. 80 ft. over NE. slope.
47.60	Spur, slopes N. 20° W. Desc. 155 ft. over W. slope.
57.40	Ravine, course N. 30° W. Asc. 125 ft. over NE. slope.
68.00	Spur, slopes N. Desc. 115 ft. over NW. slope.
73.60	Head of ravine, course N. 20° W. Asc. 105 ft. over NE .slope.
77.50	Short spur, slopes N. Desc. 20 ft.
79.96	The cor. of secs. 14, 15, 22 and 23.
	Land, mountainous. Soil, rocky, 3d and 4th rate. Timber, pinon and oak. Undergrowth, manzanita, oak, catclaw and cacti.
	----- N. 0° 01' W. bet. secs. 14 and 15. Over rolling mountains, through scattered timber and undergrowth. Desc. 460 ft. over N. slope.
12.80	Ravine, course N. 10° W.
20.50	Same ravine, course N. 10° E.
27.80	Same ravine, course N. 20° W.
31.90	Draw, course N. 70° W. Asc. 195 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, with a granite stone 6 x 6 x 8 ins. mkd. X deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S15 S14 1932 Asc. 5 ft. over W. slope..
41.50	Spur, slopes W. Desc. 75 ft. over NW. slope.
48.60	Spur, slopes N. 70° W. Desc. 200 ft. over N. slope.
57.40	Ravine, course W. Asc. 125 ft. over S. slope.
64.00	Spur, slopes N. 80° W. Desc. 65 ft. over N. slope.
68.10	Gulch, course N. 60° W. Asc. 135 ft. over SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in

Subdivisions of T. 4 S., R. 19 E.

Chains

the ground, to bedrock, with a granite stone 4 x 6 x 6 ins. marked X deposited alongside, and in a mound of stone to top, for the cor. of secs. 10, 11, 14 and 15, with brass cap mkd.

T4S	R19E
S 10	S 11
S 15	S 14
1932	

Land, mountainous.
Soil, rocky, 3d and 4th rate.
Timber, scattered pinon.
Undergrowth, manzanita, oak, catclaw and cacti.

N. 89° 57' E. on a random line bet. secs. 11 and 14.

40.00 Set temp. 1/4 sec. cor.

79.94 Intersect N. and S. line 7 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence

S. 89° 54' W. on true line bet. secs. 11 and 14.

Over rolling and broken hills, through scattered timber and undergrowth.

Asc. 390 ft. over SE. slope.

5.00 Change of slope to NE.

7.65 Intersect line 1-2 of the Olympia Lode, Min. Sur. No. 2372, N. 44° 00' E. 5.88 chs. dist. from cor. No. 2, which is a pine post, 4 ins. square, 4 1/2 ft. long, firmly supported in a mound of stone, marked 2-2372 on the NE. face, and witnessed as described in the official record.

16.13 Intersect line 2-3 of Sur. No. 2372 Olympia Lode, at S. 46° E. 1.09 chs. dist. from cor. No. 3, which is a pine post 5 ft. long, 4 ins. square, firmly supported in a mound of stone, marked and witnessed as described in the official record.

17.65 Intersect line 3-4 of Sur. No. 2372, Nellie Lode, at S. 44° W., 1.06 chs. dist. from cor. No. 3, which is identical with cor. No. 3 Olympia Lode, above described.

21.55 Fence, bears N. and S. 60° E.

22.40 Spur, slopes N. 70° W. Desc. 215 ft. over SW. slope.

29.21 Intersect line 1-4 of the Nellie Lode, Min. Sur. No. 2372, N. 46° 04' W. 8.30 chs. dist. from cor. No. 4, hereinbefore described.

34.20 Ravine, course N. 60° W. Asc. 70 ft. over NE. slope.

39.97 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4	S 11
	S 14
1932	

raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.

Asc. 6 ft.

41.70 Spur, slopes N. 60° W. Desc. 145 ft. over SW. slope.

chains

- 51.50 Ravine, course N.50°W. Asc. 125 ft. over NE. slope.
- 62.00 Spur, slopes N.50°W. Desc. 70 ft. over W. slope.
- 67.70 Head of ravine, course N.70°W. Along N. slope.
- 78.20 Spur, slopes N.70°W. Desc. 25 ft. over SW. slope.
- 79.94 The cor. of secs. 10, 11, 14 and 15.

Land, broken hills.
 Soil, rocky, 3rd. rate.
 Timber, pinon.
 Undergrowth, oak, laurel, catclaw and cacti.

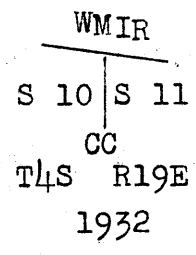
 N.0°01'W. bet. secs. 10 and 11.

Over rolling hills, through scattered timber and undergrowth.

Along W. slope.

- 1.00 Spur, slopes N.60°W. Desc. 135 ft. over N. slope.
- 6.90 Ravine, course N.80°W. Asc. 175 ft. over SW. slope.
- 16.30 Spur, slopes N.80°W. Desc. 10 ft.
- 17.75 Intersect the S. bdy. of the White Mountain Indian Reservation.

Set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the ground, for closing cor. of secs. 10 and 11, with brass cap mkd.



raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

From point of intersection the 19½ mile monument on the bdy. of the White Mountain Indian Reservation, hereinbefore described, bears N.77°50'W. 6.56 chs. dist.

Land, rolling and broken hills.
 Soil, rocky, 3rd. and 4th. rate.
 Timber, scattered pinon.
 Undergrowth, manzanita, catclaw, oak and cacti.

 At mid-point in departure bet. the closing cor. of secs. 10 and 11 and the clos. cor. of secs. 11 and 12, on the N. bdy. of sec. 11. N.77°52'W. 1.78 chs. dist. from A.P. No. 0, on the bdy. of the White Mountain Indian Reservation, hereinbefore described, set an iron post, 3 ft. long, 1 in. diam. 8 ins. in the ground, to bedrock, with a granite stone 5 x 6 x 8 ins. marked X deposited alongside, and in a mound of stone to top, for ¼ sec. cor. of sec. 11 only, with brass cap mkd.

Subdivision of T.4 S., R.19 E.

chains

WMIR

 $\frac{1}{4}$ S 11

1932

From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp.

N.0°02'W. bet. secs. 33 and 34.

Over rolling mountains, through scattered timber and dense undergrowth.

Asc. 45 ft. over SE. slope.

4.00 Slope changes to E.

8.00 Change of slope to NE; desc. 455 ft.

28.50 Garden Creek, stream 4 lks. wide, 2 ins. deep, course W. Asc. 190 ft. over SW. slope.

34.10 Fence, bears N.70°E. and S.70°W.

35.70 Spring branch, course S.20°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

 $\frac{1}{4}$

S 33 | S 34

1932

from which

A juniper, 8 ins. diam. bears S.77°E. 27 lks. dist. mkd. $\frac{1}{4}$ S34 BT

A juniper, 8 ins. diam. bears S.73°W. 59 lks. dist. mkd. $\frac{1}{4}$ S33 BT

Asc. 35 ft. over S. slope.

41.90 Spur, slopes S.80°W. Desc. 80 ft. over NW. slope.

46.10 Ravine, course S.70°W. Asc. 65 ft. over S. slope.

49.00 Spur, slopes S.60°W. Desc. 105 ft. over NW. slope.

52.80 Gulch, course S.60°W. Asc. 145 ft. over SW. slope.

60.40 Spur, slopes S.70°W. Desc. 155 ft. over NW. slope.

70.60 Ravine, course N.80°W. Asc. 35 ft. over SW. slope.

74.50 Point of spur, sloping W. Desc. 65 ft. over NW. slope.

77.80 Draw, small flow of water, course S.60°W. Asc. 75 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 8 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 27, 28, 33 and 34, with brass cap mkd.

Subdivision of T.4 S., R.19 E.

BOOK 3981

chains

T4S	R19E
S 28	S 27
S 33	S 34

1932

from which

- A juniper, 6 ins. diam. bears N.88 3/4°E. 199 lks. dist. mkd. T4S R19E S27 BT
- A juniper, 6 ins. diam. bears S.80 1/2°E. 82 lks. dist. mkd. T4S R19E S34 BT
- A juniper, 7 ins. diam. bears S.88°W. 38 lks. dist. mkd. T4S R19E S33 BT

Land, mountainous.
 Soil, rocky, 3rd. and 4th. rate.
 Timber, pinon and juniper.
 Undergrowth, oak, catclaw, manzanita and cacti.

S.89°58'E. on a random line bet.secs. 27 and 34.

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect N. and S. line 9 lks. S. of the cor. of secs. 26,27,34 and 35.

Thence

S.89°58'W. on true line bet.secs. 27 and 34.

Over rolling mountains, through scattered timber and undergrowth.

Desc. 335 ft. over SW. slope.

24.95 Fence, bears N.50°W. and S.50°E.

39.99 Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4	S 27
	S 34

1932

raise a mound

of stone 3 ft. base, 2 ft. high, N. of cor.

Desc. 390 ft. over SW. slope.

66.65 Draw, course N.60°W. Desc. 100 ft.

73.40 Same draw, flowing a small stream of water, course S.80°W.

76.00 Draw, small stream of water, course S.60°W. Asc. 35 ft. over SE. slope.

79.98 The cor. of secs. 27,28,33 and 34.

Land, rolling mountains.
 Soil, rocky, 3rd. rate.
 Timber, scattered juniper.
 Undergrowth, oak, catclaw, mesquite and cacti.

N.0°02'W. bet.secs. 27 and 28.

chains
 Over mountainous land, through scattered timber and undergrowth.
 Asc. 585 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 9 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
 S 28 | S 27
 1932

from which

A juniper, 8 ins. diam. bears S. $76\frac{1}{2}^{\circ}$ E. 37 lks. dist. mkd. $\frac{1}{4}$ S27 BT

A juniper, 14 ins. diam. bears N. 70° W. 36 lks. dist. mkd. $\frac{1}{4}$ S28 BT

Asc. 410 ft. over SE. slope.

56.70 Spur, slopes S. 50° W. Asc. 115 ft. over SW. slope.

61.90 Head of ravine, course SW.

65.80 Ridge, bears N. 60° W. and S. 60° E. Desc. 310 ft. over NE. slope.

78.70 Gully, course E. Asc. 25 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 18 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 21, 22, 27 and 28, with brass cap mkd.

T4S R19E
 S 21 | S 22
 S 28 | S 27
 1932

from which

An oak, 8 ins. diam. bears N. $61\frac{1}{4}^{\circ}$ E. 136 lks. dist. mkd. T4S R19E S22 BT

An oak, 12 ins. diam. bears N. 5° W. 146 lks. dist. mkd. T4S R19E S21 BT

Land, mountainous.
 Soil, rocky, 3rd. and 4th. rate.
 Timber, juniper and oak.
 Undergrowth, oak, catclaw and cacti.

N. $89^{\circ}58'E$. on a random line bet. secs. 22 and 27.

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

80.10 Intersect N. and S. line 14 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence

N. $89^{\circ}56'W$. on true line bet. secs. 22 and 27.

Over rolling mountains, through scattered timber and undergrowth.

Subdivision of T. 4 S., R. 19 E.

BOOK 3981

- chains Desc. 60 ft. over SW. slope.
- 5.60 Spur, slopes S.60°W. Desc. 255 ft. over NW. slope.
- 21.50 Gully, course S.70°W. Desc. 60 ft. over SW. slope.
- 24.10 Wolf's ranch house, bears S.5°E. 10.00 chs. dist.
- 27.30 Fence, bears N.30°W. and S.30°E.
- 28.00 Road, bears N.30°W. and S.30°E.
- 28.25 Fence, bears N.30°W. and S.30°E.
- 28.50 Draw, small flow of water, course N.40°W. Asc. 170 ft. over NE. slope.
- 40.05 Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ $\frac{S 22}{S 27}$

1932

from which

An oak, 6 ins. diam. bears N.29°E. 13 lks. dist.
mkd. $\frac{1}{4}$ S22 BT

An oak, 8 ins. diam. bears S.60°W. 130 lks. dist.
mkd. $\frac{1}{4}$ S27 BT

Asc. 385 ft. over NE. slope.

- 64.40 Spur, slopes N.30°E. Desc. 210 ft. over NW. slope.
- 64.60 Fence, bears N. and S.
- 75.10 Ravine, course N.20°E. Asc. 115 ft. over SE. slope.
- 80.10 The cor. of secs. 21, 22, 27 and 28.

Land, mountainous.
Soil, rocky, 3rd. and 4th. rate.
Timber, oak and juniper.
Undergrowth, oak, catclaw, laurel and cacti.

N.0°02'W. bet. secs. 21 and 22.

Over rolling mountains, through scattered timber and undergrowth.

Asc. 15 ft. over SE. slope.

- 1.80 Small spur, slopes E. Desc. 130 ft. over NE. slope.
- 5.10 Ravine, course E. Asc. 135 ft. over SE. slope.
- 16.00 Spur, slopes N.60°E. Desc. 395 ft. over NE. slope.
- 38.50 Gully, course NE.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
S. 21 | S 22

1932

from which

Subdivision of T.4 S., R.19 E.

chains

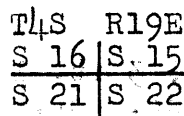
An oak, 5 ins. diam. bears N.89°E. 120 lks. dist. mkd. 1/4 S22 BT

A pinon, 22 ins. diam. bears N.87°W. 256 lks. dist. mkd. 1/4 S21 BT

41.60 Gulch, course E. Asc. 100 ft. over SE. slope.

46.00 Spur, slopes N.60°E. Desc. 315 ft. over N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. over cross (X) on surface rock, supported in a mound of stone to top, for the cor. of secs. 15,16,21 and 22, with brass cap mkd.



1932

Land, mountainous.
Soil, rocky, 3rd. and 4th. rate.
Timber, pinon and oak.
Undergrowth, oak, laurel, manzanita and cacti.

S.89°56'E. on a random line bet. secs. 15 and 22.

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect N. and S. line 35 lks. S. of the cor. of secs. 14,15,22 and 23.

Thence

S.89°49'W. on true line bet. secs. 15 and 22.

Over rolling hills, through scattered timber and undergrowth.

Desc. 145 ft. over NW. slope.

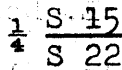
16.40 Head of ravine, course N.30°W. Asc. 80 ft. over NE. slope

19.60 Spur, slopes N.20°W. Desc. 185 ft. over NW. slope.

29.10 Ravine, course N. Asc. 85 ft. over NE. slope.

36.70 Spur, slopes N.10°W. Desc. 20 ft.

39.99 Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.



1932

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Desc. 235 ft. over W. slope.

50.00 Gulch, course N.20°W. Asc. 160 ft. over NE. slope.

59.60 Spur, slopes N.20°W. Desc. 220 ft. over W. slope.

59.65 Road, bears N.20°W. and S.20°E.

Subdivision of T.4 S., R.19 E.

chains

69.70 Fence, bears N. and S.

70.00 Concrete watering trough bears S. 1.00 chs. dist.

70.70 Draw, water in pools, course N.50°W. Asc. 135 ft. over NE. slope.

71.50 Fence (same) bears N.60°W. and S.60°E.

79.98 The cor. of secs. 15,16,21 and 22.

Land, rolling hills.
Soil, rocky, 3rd. rate.
Timber, pinon and oak.
Undergrowth, oak, manzanita, catclaw and cacti.

N.0°02'W. bet.secs. 15 and 16.

Over rolling and broken hills, through scattered timber and undergrowth.

Desc. 150 ft. over N. slope.

3.70 Fence, bears NW. and SE.

10.10 Draw, course NW. Asc. 215 ft. over SW. slope.

15.80 Fence, bears NW. and SE.

34.20 Road, along spur, sloping NW., bears NW. and SE.

Desc. 85 ft. over NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 20 ins. in the ground, to bedrock, with a granite stone 3 x 5 x 8 ins. deposited alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$

S 16		S 15
1932		

Along broken E. slope.

48.40 Spur, slopes E. Desc. 300 ft. over broken NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the ground, for the cor. of secs. 9,10,15 and 16, with brass cap mkd.

T4S	R19E
S 9	S 10
S 16	S 15
1932	

raise a mound

of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, broken hills.
Soil, rocky, 3rd. and 4th. rate.
Timber, scattered pinon and juniper.
Undergrowth, manzanita, laurel, catclaw and cacti.

chains	N.89°49'E. on a random line bet.secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. and S. line 10 lks. S. of the cor. of secs. 10, 11, 14 and 15.
	Thence
	S.89°45'W. on true line bet.secs. 10 and 15.
	Over rolling hills, through scattered timber and undergrowth.
	Desc. 170 ft. over SW. slope.
11.80	Ravine, course N.60°W. Asc. 160 ft. over NE. slope.
28.50	Ridge, bears N.65°W. and S.65°E. Desc. 130 ft. over SW. slope.
39.98	Set an iron post, 3 ft. long, 1 in. diam. 15 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ $\frac{S\ 10}{S\ 15}$
	1932
	from which
	A juniper, 5 ins. diam. bears N.22°E. 9 lks. dist. mkd. $\frac{1}{4}$ S10 BT
	Desc. 215 ft. over SW. slope.
61.30	Draw, course N.60°W. Asc. 105 ft. over NE. slope.
73.00	Spur, slopes N. Desc. 40 ft. over W. slope.
78.00	Ravine, course N.20°E. Asc. 55 ft. over E. slope.
79.96	The cor. of secs. 9, 10, 15 and 16.
	Land, rolling hills. Soil, rocky, 3rd. rate. Timber, scattered juniper and pinon. Undergrowth, manzanita, laurel, catclaw and cacti.

	N.0°02'W. bet.secs. 9 and 10.
	Over rolling hills, through scattered timber and undergrowth.
	Asc. 30 ft. over SE. slope.
5.40	Short spur, slopes E. Desc. 135 ft. over NE. slope.
12.00	Road, bears E. and W.
15.60	Dry wash, 1 ch. wide, course N.60°W. Asc. 225 ft. over SW. slope.
26.30	Spur, slopes S.80°W. Desc. 80 ft. over NW. slope.
30.10	Ravine, course SW. Asc. 155 ft. over S. slope.
36.40	Spur, slopes W. Along W. slope.

chains

37.10 Fence, bears N.70°E. and S.70°W.

37.42 Intersect the S. bdy. of the White Mountain Indian Reservation.

Set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the ground, for closing cor. of secs. 9 and 10, with brass cap mkd.

WMIR
 S9 | S10
 CC
 T4S R19E
 1932

raise a mound
of stone, 3 ft. base, 2 ft. high, S. of cor.

From point of intersection the 20 $\frac{1}{2}$ mile monument on the bdy. of the White Mountain Indian Reservation, hereinbefore described, bears N.68°02'W. 4.69 chs. dist.

Land, rolling hills.
Soil, rocky, 3rd. and 4th. rate.
Timber, scattered juniper.
Undergrowth, oak, catclaw and cacti.

At mid-point, in departure on the N. bdy. of sec. 10, S.77°53'E. 6.07 chs. dist. from the 20th. mile monument on the bdy. of the White Mountain Indian Reservation, hereinbefore described, set an iron post, 3 ft. long, 1 in. diam. 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 10 only, with brass cap mkd.

WMIR
 $\frac{1}{4}$ S 10

1932

from which

A juniper, 6 ins. diam. bears S.78 $\frac{1}{2}$ °E. 114 lks. dist.
mkd. $\frac{1}{4}$ S10 BT

A juniper, 8 ins. diam. bears S.43°W. 54 lks. dist.
mkd. $\frac{1}{4}$ S10 BT

From true point for the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp.

N.0°02'W. bet. secs. 32 and 33.

Over rolling mountains, through scattered timber and undergrowth.

0.30 Hawk Creek, 4 lks. wide, 2 ins. deep, course N.60°E.

1.00 Leave watercourse; asc. 130 ft. over SE. slope.

6.50 Spur, slopes S.80°E. Desc. 165 ft. over NE. slope.

14.20 Hawk Creek, 4 lks. wide, 2 ins. deep, course N.60°W.
Road follows along watercourse.

Asc. 330 ft. over SW. slope.

Subdivision of T.4 S., R.19 E.

chains

27.00 Spur, slopes N.60°W. Desc. 225 ft. over NW. slope.

34.30 Ravine, course N.70°W. Asc. 45 ft. over SW. slope.

40.00 True point for 1/4 sec. cor. falls upon sloping surface rock, an insecure position for cor. monument.

40.50 Set an iron post, 3 ft. long, 1 in. diam. 20 ins. in the ground, to bedrock, and in a mound of stone to top, for witness 1/4 sec. cor. with brass cap mkd.

1/4
S 32 | S 33
WC
1932

from which

A pinon, 10 ins. diam. bears S.88°E. 88 lks. dist.
mkd. 1/4 S33 WC BT

A pinon, 7 ins. diam. bears S.42°W. 92 lks. dist.
mkd. 1/4 S32 BT

Asc. 70 ft. over SW. slope.

43.60 Spur, slopes W. Desc. 210 ft. over NW. slope.

52.40 Ravine, course S.60°W. Asc. 135 ft. over S. slope.

62.10 Spur, slopes W. Desc. 190 ft. over N. slope.

67.50 Draw, water in pools, course W. Asc. 70 ft. over S. slope.

70.40 Small spur, slopes SW. Desc. 35 ft. over NW. slope.

71.90 Ravine, course S.40°W. Asc. 130 ft. over S. slope.

73.90 Fence, bears N.60°E. and S.60°W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 18 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 28, 29, 32 and 33, with brass cap mkd.

T4S R19E
S 29 | S 28
S 32 | S 33
1932

from which

A pinon, 6 ins. diam. bears S.81 3/4°E. 194 lks. dist.
mkd. T4S R19E S33 BT

A pinon, 10 ins. diam. bears S.7°W. 271 lks. dist.
mkd. T4S R19E S32 BT

Land, broken and rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, pinon and juniper.
Undergrowth, oak, manzanita, catclaw, laurel and cacti.

Subdivision of T.4 S., R.19 E.

BOOK 3981

chains

S.89°58'E. on a random line bet. secs. 28 and 33.

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

80.00 Intersect N. and S. line 5 lks. N. of the cor. of secs. 27, 28, 33 and 34.

Thence

N.89°56'W. on true line bet. secs. 28 and 33.

Over rolling mountains, through scattered timber and undergrowth.

Asc. 25 ft. over SE. slope.

3.00 Small spur, slopes S. Desc. 210 ft. over SW. slope.

12.10 Gully, course SW.

24.10 Gully, course S. Asc. 65 ft. over SE. slope.

29.00 Change of slope to SW; desc. 70 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 16 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ $\frac{S\ 28}{S\ 33}$

1932

from which

A juniper, 6 ins. diam. bears N.40°E. 107 lks. dist. mkd. $\frac{1}{4}$ S28 BT

A pinon, 10 ins. diam. bears S.77°W. 293 lks. dist. mkd. $\frac{1}{4}$ S33 BT

Desc. 95 ft. over SW. slope.

47.80 Gully, course SW.

52.60 Ravine, course S. Asc. 80 ft. over SE. slope.

56.00 Change of slope to S.

62.00 Change of slope to SW; desc. 175 ft.

74.40 Ravine, course S.30°W. Asc. 80 ft. over SE. slope.

75.30 Fence, bears N.30°E. and S.30°W.

80.00 The cor. of secs. 28, 29, 32 and 33.

Land, mountainous.
Soil, rocky, 3rd. and 4th. rate.
Timber juniper and pinon.
Undergrowth, catclaw, oak and cacti.

N.0°02'W. bet. secs. 28 and 29.

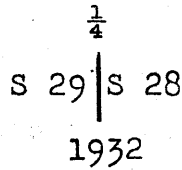
Over rolling mountains, through scattered timber and undergrowth.

Asc. 55 ft. over SE. slope.

Subdivision of T.4 S., R.19 E.

chains

- 4.00 E. slope of low hill; desc. 30 ft. over NE. slope.
- 10.20 Fence, bears N.60°W. and S.60°E.
- 10.30 Head of gully, course SE. Asc. 115 ft. over S. slope.
- 17.40 Spur, slopes S.60°W. Desc. 75 ft. over SW. slope.
- 21.30 Ravine, course S.60°W. Asc. 220 ft. over S. slope.
- 29.30 Spur, slopes W. Desc. 140 ft. over NW. slope.
- 35.30 Ravine, course S.80°W. Asc. 100 ft. over S. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. on surface rock, supported in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.



from which

A juniper, 8 ins. diam. bears S.82 $\frac{1}{2}$ °E. 208 lks. dist. mkd. $\frac{1}{4}$ S28 BT

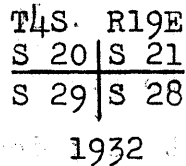
A juniper, 8 ins. diam. bears N.57 $\frac{1}{4}$ °W. 271 lks. dist. mkd. $\frac{1}{4}$ S29 BT

Adit (prospect tunnel) bears SW. about 40 lks. dist. Asc. 335 ft. over SW. slope.

58.00 Along W. slope.

61.70 Ravine, course S.30°W. Asc. 300 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 27 ins. in the ground, for the cor. of secs. 20, 21, 28 and 29, with brass cap mkd.



from which

A juniper, 9 ins. diam. bears N.40°E. 134 lks. dist. mkd. T4S R19E S21 BT

A juniper, 6 ins. diam. bears S.19 $\frac{1}{2}$ °E. 124 lks. dist. mkd. T4S R19E S28 BT

A juniper, 20 ins. diam. bears S.81°W. 132 lks. dist. mkd. T4S R19E S29 BT

A juniper, 20 ins. diam. bears N.65°W. 139 lks. dist. mkd. T4S R19E S20 BT

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper.
Undergrowth, catclaw, oak and cacti.

Subdivision of T.4 S., R.19 E.

BOOK 3981

chains
 40.00 S.89°56'E. on a random line bet. secs. 21 and 28.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. and S. line 2 lks. N. of the cor. of secs. 21,22,27 and 28.
 Thence
 N.89°55'W. on true line bet.secs. 21 and 28.
 Over rolling mountains, through scattered timber and undergrowth.
 Along S. slope.
 2.90 Gully, course S,60°E. Asc. 400 ft. over NE. slope.
 15.70 Ridge, bears N.40°W. and S.40°E. Desc. 310 ft. over SW. slope.
 27.90 Ravine, course S.40°W. Asc. 50 ft. over SE. slope.
 33.00 Point of spur, sloping S. Desc. 75 ft. over SW. slope.
 36.90 Ravine, course S.30°E. Asc. 95 ft. over SE. slope.
 39.98 Set an iron post, 3 ft. long, 1 in. diam. on surface rock, supported in a mound of stone 5 ft. base, 30 ins. high, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$$\frac{1}{4} \frac{S \ 21}{S \ 28}$$
 1932
 from which
 A juniper, 6 ins. diam. bears N.57°E. 37 lks. dist. mkd. $\frac{1}{4}$ S21 BT
 A pinon, 6 ins. diam. bears S.3°E. 100 lks. dist. mkd. $\frac{1}{4}$ S28 BT
 Asc. 40 ft. over SE. slope.
 41.60 Spur, slopes S.20°E. Desc. 500 ft. over SW. slope.
 60.70 Gully, course SW.
 69.00 Ravine, course S.10°W. Asc. 110 ft. over SE. slope.
 79.96 The cor. of secs. 20,21,28 and 29.
 Land, rolling mountains.
 Soil, rocky, 3rd. and 4th. rate.
 Timber, pinon and juniper.
 Undergrowth, catclaw, oak, laurel and cacti.

 N.0°02'W. bet.secs. 20 and 21.
 Over rolling mountains, through scattered timber and dense undergrowth.
 Asc. 60 ft. over SE. slope.
 4.00 Spur, slopes S.30°W. Desc. 165 ft. over NW. slope.
 13.90 Ravine, course S.70°W. Asc. 370 ft. over SW. slope.

- chains
- 29.00 Spur, slopes W. Desc. 170 ft. over NW. slope.
- 34.00 Ravine, course W. Asc. 115 ft. over SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 22 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
- $\frac{1}{4}$
S 20 | S 21
1932
- from which
- A juniper, 6 ins. diam. bears S.48°E. 35 lks. dist.,
mkd. $\frac{1}{4}$ S21 BT
- A juniper, 8 ins. diam. bears S.54°W. 31 lks. dist.,
mkd. $\frac{1}{4}$ S20 BT
- 40.50 Point of spur, sloping W. Desc. 175 ft. over NW. slope.
- 46.50 Head of ravine, course S.70°W. Asc. 320 ft. over SW. slope.
- 58.00 Spur, slopes S.80°W. Along W. slope.
- 66.00 Spur, slopes N.80°W. Desc. 240 ft. over NW. slope.
- 74.30 Ravine, course W. Asc. 20 ft.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 6 ins. in the ground, to bedrock, and in a mound of stone to top, for the cor. of secs. 16, 17, 20 and 21, with brass cap mkd.
- T4S R19E
S 17 | S 16
S 20 | S 21
1932
- from which
- A juniper, 10 ins. diam. bears S.30 $\frac{1}{2}$ °E. 81 lks. dist.
mkd. T4S R19E S21 BT
- A juniper, 14 ins. diam. bears N.10°W. 370 lks. dist.
mkd. T4S R19E S17 BT
- Land, rolling and broken mountains.
Soil, rocky 3rd. and 4th. rate.
Timber, pinon and juniper.
Undergrowth, oak, manzanita, catclaw and cacti.
-
- S.89°55'E. on a random line bet. secs. 16 and 21.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.14 Intersect N. and S. line 5 lks. N. of the cor. of secs. 15, 16, 21 and 22.
- Thence
- N.89°53'W. on true line bet. secs. 16 and 21.
- Over rolling mountains, through scattered timber and undergrowth.

chains	Desc. 75 ft. over NW. slope.
6.30	Gully, course N.
10.90	Enter Wash, course NE.
13.50	Leave wash, course E. from SW. Asc. 200 ft. over SE. slope
17.70	Fence, bears NE. and SW.
21.60	Spur, slopes NE. Desc. 30 ft. over NW. slope.
27.70	Gully, course NE. Asc. 50 ft. over SE. slope.
30.60	Spur, slopes N.30°E. Desc. 115 ft. over NW. slope.
36.85	Ravine, course N.20°E. Asc. 45 ft. over E. slope.
40.07	Set an iron post, 3 ft. long, 1 in. diam. 20 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4} \begin{array}{l} S 16 \\ S 21 \end{array}$ 1932
	from which
	A pinon, 8 ins. diam. bears N.86 $\frac{1}{2}$ °E. 336 lks. dist. mkd. $\frac{1}{4}$ S16 BT
	A juniper, 10 ins. diam. bears S.41 $\frac{3}{4}$ °W. 281 lks. dist. mkd. $\frac{1}{4}$ S21 BT
	Asc. 775 ft. over broken E. slope.
69.00	Rocky ridge, bears N.15°E. and S.15°W. Desc. 290 ft. over W. slope.
80.14	The cor. of secs. 16,17,20 and 21.
	Land, broken and rolling mountains. Soil, rocky, 3rd. and 4th. rate. Timber, juniper and pinon. Undergrowth, manzanita, catclaw, laurel and cacti.

	N.0°02'W. bet. secs. 16 and 17.
	Over mountainous land, through scattered timber and undergrowth.
	Along W. slope.
2.40	Spur, slopes NW. Desc. 360 ft. over NW. slope.
18.40	Ravine, course NW. Asc. 80 ft. over SW. slope.
26.90	Spur, slopes W. Desc. 70 ft. over NW. slope.
32.00	Ravine, course W. Asc. 120 ft. over S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam. 4 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4} \begin{array}{l} S 17 \\ S 16 \end{array}$ 1932
	from which

Subdivision of T.4 S., R.19 E.

chains

A juniper, 5 ins. diam. bears N.16°W. 101 lks. dist.
mkd. $\frac{1}{4}$ S17 BT

A live oak, 6 ins. diam. bears S.37°E. 141 lks. dist.
mkd. $\frac{1}{4}$ S16 BT

Corner falls upon a spur, sloping N.70°W.

Desc. 350 ft. over NW. slope.

54.60 Ravine, course W. Asc. 45 ft. over SW. slope.

59.00 Spur slopes W. Desc. 155 ft. over NW. slope.

71.70 Gully, course SW. Asc. 50 ft. over S. slope.

76.00 Saddle in rocky ridge, bearing NW. and SE. Asc. gradually over E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 12 ins. in the ground, to bedrock, with a granite stone 3 x 5 x 9 ins, marked X deposited alongside, and in a mound of stone to top, for the cor. of secs. 8,9,16 and 17, with brass cap mkd.

T4S	R19E
S 8	S 9
S 17	S 16

1932

Land, broken mountains.

Soil, rocky, 3rd. and 4th. rate.

Timber, scattered oak and juniper.

Undergrowth, oak, manzanita, catclaw and cacti.

S.89°53'E. on a random line bet.secs. 9 and 16.

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

80.08 Intersect N. and S. line 14 lks. N. of the cor. of secs. 9,10,15 and 16.

Thence

N. 89°47'W. on true line bet.secs. 9 and 16.

Over rolling mountains, through scattered timber and undergrowth.

Asc. 215 ft. over E. slope.

10.00 Ridge, bears N. and S. Desc. 285 ft. over W. slope.

14.20 Road, bears NW. and SE.

19.90 Ravine, course NW. Change of slope to NW.

25.50 Fence, bears NE. and S.

27.25 Dry wash, 30 lks. wide, in ravine, course N.20°E. Asc. 225 ft. over E. slope.

37.50 Gully, course S.65°E.

40.04 Set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

chains

$\frac{1}{4}$ S 9
S 16

1932

from which

A juniper, 16 ins. diam. bears S.76 $\frac{1}{4}$ °E. 267 lks. dist.
mkd. $\frac{1}{4}$ S16 BT

Asc. 185 ft. over E. slope.

44.70 Spur, slopes N. Asc. 75 ft. over NE. slope.

46.75 Gully, course N.30°W.

53.50 Ridge, bears NW. and SE. Desc. 200 ft. over SW. slope.

67.00 Enter ravine, course W. from SE.

70.40 Leave ravine, course NW. Asc. 200 ft. over NE. slope.

74.00 Change of slope to SE.

80.08 The cor. of secs. 8,9,16 and 17.

Land, mountainous.
Soil, rocky, 3rd. and 4th. rate.
Timber, scattered juniper.
Undergrowth, catclaw, manzanita and cacti.

N.0°02'W. bet. secs. 8 and 9.

Over broken hills, through scattered undergrowth.

Along E. slope.

1.50 Spur, slopes E. Desc. 335 ft. over NE. slope.

23.30 Gulch, course N.70°W. Asc. 145 ft. over SW. slope.

31.00 Spur, slopes N.70°W. Desc. 40 ft. over W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the
ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
S 8 | S 9

1932

raise a mound
of stone, 3 ft. base, 2 ft. high, W. of cor.

Along W. slope.

40.25 Spur, slopes NW. Desc. 430 ft. over NE. slope.

63.40 Dry wash, 40 lks. wide, course N.70°W. Asc. 130 ft. over
SW. slope.

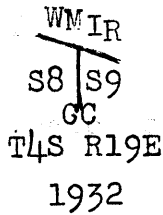
68.00 Change of slope to W.

69.44 Intersect the S. bdy. of the White Mountain Indian
Reservation at N.68°03' W., 2.08 chs. dist. from the 21 $\frac{1}{2}$
Mile Monument, hereinbefore described. At intersection,
Set an iron post, 3 ft. long, 2 ins. diam. 20 ins. in
the ground, to bedrock, with a granite stone 4 x 4 x 6
ins. marked X deposited alongside, and in a mound of

Subdivision of T.4 S., R.19 E.

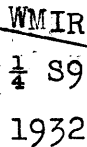
chains

stone to top, for closing cor. of secs. 8 and 9, with brass cap mkd.



Land, broken and rolling hills.
 Soil, rocky, 3rd. rate.
 No timber.
 Undergrowth, catclaw, oak and cacti.

At mid-point in departure on the N. bdy. of sec. 9, S.68°05'E. 1.22 chs. dist. from the 21st. mile monument, on the bdy. of the White Mountain Indian Reservation, hereinbefore described, set an iron post, 3 ft. long, 1 in. diam. 22 ins. in the ground, to bedrock, with a granite stone 4 x 6 x 6 ins. marked X deposited alongside, and in a mound of stone to top, for 1/4 sec. cor. of sec. 9 only, with brass cap mkd.



From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp.

N.0°03'W. bet. secs. 31 and 32.

Over mountainous land, through scattered timber and dense undergrowth.

Asc. 20 ft. over S. slope.

- 1.60 Ridge, bears N.70°W. and S.70°E. Desc. 690 ft. over N. slope.
- 24.10 Gulch, course N.70°E. Asc. 50 ft. over broken SE. slope.
- 29.50 Small spur, slopes E. Desc. 65 ft. over NE. slope.
- 32.40 Ravine, course N.70°E. Asc. 115 ft. over SE. slope.
- 35.00 Gully, course S.70°E.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 24 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.



1932

from which

A pinon, 6 ins. diam. bears S.32 1/2°E. 32 1/2 lks. dist.

A pinon, 15 ins. diam. bears N.32°W. 43 lks. dist.

chains

- Asc. 75 ft. over SE. slope.
- 40.90 Gully, course SE.
- 43.20 Spur, slopes S.60°E. Desc. 185 ft. over NE. slope.
- 50.20 Ravine, course E. Asc. 215 ft. over SE. slope.
- 56.60 Ravine, course S.60°E.
- 63.30 Spur, slopes E. Desc. 455 ft. over NE. slope.
- 80.00 True point for the cor. of secs. 29,30,31 and 32, falls in a gulch, course N.60°E; an insecure position for a corner monument.
- Land, broken mountains.
Soil, rocky. 3rd. and 4th. rate.
Timber, pinon and juniper.
Undergrowth, oak, laurel, manzanita and cacti.
-
- S.89°58'E. on a random line bet.secs. 29 and 32.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 Intersect N. and S. line 2 lks. N. of the cor. of secs. 28,29,32 and 33.
- Thence
- N.89°57'W. on true line bet.secs. 29 and 32.
- Over mountainous land, through scattered timber and dense undergrowth.
- Desc. 150 ft. over broken SW. slope.
- 16.20 Fence, bears N.70°W. and S.70°E.
- 27.90 Gully, course S.10°W.
- 40.06 Set an iron post, 3 ft. long, 1 in. diam. 24 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
- $\frac{1}{4}$ S 29
S 32
- 1932
- from which
- A pinon, 6 ins. diam. bears N.42°W. 66 lks. dist.
mkd. $\frac{1}{4}$ S29 BT
- A pinon, 12 ins. diam. bears S.45 $\frac{1}{4}$ °W. 222 lks. dist.
mkd. $\frac{1}{4}$ S32 BT
- Continue descent 150 ft.
- 45.90 Road, bears N.30°W. and S.30°E.
- 46.10 Hawk Canyon, creek, 5 lks. wide, 2 ins. deep, course N.30°W. Asc. 335 ft. over broken NE. slope.
- 48.40 Gully, course NE.
- 54.10 Gully, course NE.
- 80.12 True point for the cor. of secs. 29,30,31 and 32.

Subdivision of T.4 S., R.19 E.

chains

Land, broken mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, pinon and juniper.
Undergrowth, oak, catclaw and cacti.

N.89°58'W. on a random line bet.secs. 30 and 31.

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

79.16 Intersect the W. bdy. of the Tp. 18 lks. S. of the cor.
of secs. 25,30,31 and 36.

Thence

S.89°50'E. on true line bet.secs. 30 and 31.

Over broken mountains, through scattered timber and
dense undergrowth.

Asc. 25 ft. over NW. slope.

3.10 Small spur, slopes N.30°E. Desc. 265 ft. over E. slope.

8.20 Ravine, course N.30°E. Asc. 20 ft. over NW. slope.

11.90 Spur, slopes NE. Desc. 145 ft. over E. slope.

17.90 Ravine, course N.60°E. Asc. 40 ft. over NW. slope.

22.00 Point of spur, sloping NE. Desc. 185 ft. over NE. slope.

29.50 Ravine, course N.10°E. Asc. 195 ft. over NW. slope.

37.90 Small spur, slopes NW. Desc. 15 ft.

39.16 Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} S 30 \\ S 31 \end{array}$$

1932

from which

A juniper, 8 ins. diam. bears N.1 $\frac{1}{4}$ °W. 46 lks. dist.
mkd. $\frac{1}{4}$ S30 BT

A pinon, 6 ins. diam. bears S.28°W. 21 lks. dist.
mkd. $\frac{1}{4}$ S31 BT

Desc. 25 ft. over NE. slope.

41.30 Gully, course NW. Asc. 95 ft. over NW. slope.

47.00 Spur, slopes N. Desc. 540 ft. over NE. slope.

70.00 Ravine, course N.10°E. Asc. 80 ft. over NW. slope.

75.00 Spur, slopes NE. Desc. 95 ft. over SE. slope.

79.16 True point for the cor. of secs. 29,30,31 and 32.

Land, broken mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, pinon and juniper.
Undergrowth, oak, laurel, manzanita and cacti.

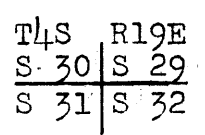
Subdivision of T.4 S., R.19 E.

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chains

N.0°03'W. bet.secs. 29 and 30.

0.30 Set an iron post, 3 ft. long, 2 ins. diam. 30 ins. in the ground, for witness cor. of secs. 29,30,31 and 32, with brass cap mkd.



1932

from which

A juniper, 8 ins. diam. bears N.39°E. 55 lks. dist. mkd. T4S R19E S29 WC BT

A pinon, 5 ins. diam. bears S.24½°E. 105 lks. dist. mkd. T4S R19E S32 WC BT

A pinon, 9 ins. diam. bears S.28°W. 176 lks. dist. mkd. T4S R19E S31 WC BT

A pinon, 5 ins. diam. bears N.3½°W. 137 lks. dist. mkd. T4S R19E S30 WC BT

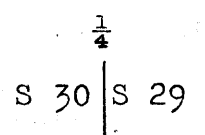
Along E. slope, asc. 20 ft.

7.40 Spur, slopes N.30°E. Desc. 290 ft. over NW. slope.

23.70 Ravine, course N.40°E. Asc. 30 ft. over SE. slope.

26.60 Point of spur, sloping NE. Desc. 125 ft. over gradual NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground, for ¼ sec. cor. with brass cap mkd.



1932

from which

A pinon, 5 ins. diam. bears N.72°E. 20 lks. dist. mkd. ¼ S29 BT

A juniper, 18 ins. diam. bears N.57°W. 65 lks. dist. mkd. ¼ S30 BT

40.30 Gully, course NE.

43.30 Enter Hawk Canyon, course N. from SE. stream 5 lks. wide, 2 ins. deep.

59.40 Road, bears NW. and SE.

64.90 Leave canyon bed, course N.70°W. Asc. 285 ft. over SW. slope.

78.80 Spur, slopes W. Desc. 30 ft. over NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam. 28 ins. in the ground, for the cor. of secs. 19,20,29 and 30, with brass cap mkd.

Subdivision of T.4 S., R.19 E.

chains

T4S	R19E
S 19	S 20
S 30	S 29

1932

from which

A juniper, 9 ins. diam. bears N.69°E. 42 lks. dist.
mkd. T4S R19E S20 BT

A juniper, 12 ins. diam. bears S.32°E. 25 lks. dist.
mkd. T4S R19E S29 BT

A juniper, 12 ins. diam. bears S.53°W. 52 lks. dist.
mkd. T4S R19E S30 BT

A pinon, 10 ins. diam. bears N.7°W. 75 lks. dist.
mkd. T4S R19E S19 BT

Land, broken and rolling mountains.

Soil, rocky, 3rd. and 4th. rate.

Timber, pinon and juniper.

Undergrowth, oak, laurel, manzanita, catclaw and cacti.

S.89°57'E. on a random line bet. secs. 20 and 29.

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

80.10 Intersect N. and S. line 2 lks. S. of the cor. of secs.
20, 21, 28 and 29.

Thence

N.89°58'W. on true line bet. secs. 20 and 29.

Over rolling mountains, through scattered timber and
undergrowth.

Asc. 10 ft. over SE. slope.

11.80 Spur, slopes S.20°W. Desc. 290 ft. over SW. slope.

11.80 Old roadway, unused, bears NW. and SE.

27.30 Spur, slopes S.70°W. Desc. 145 ft. over NW. slope.

35.30 Ravine, course S.60°W. Asc. 30 ft. over SE. slope.

38.30 Change of slope to SW; desc. 10 ft.

40.05 Set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the
ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$	S 20
	S 29

1932

from which

A juniper, 18 ins. diam. bears S.41 $\frac{3}{4}$ °W. 288 lks. dist.
mkd. $\frac{1}{4}$ S29 BT

Desc. 200 ft. over SW. slope.

50.90 Old roadway, unused, bears NW. and SE.

51.80 Spur, extends S.70°W. Asc. 30 ft. over NE. slope.

56.80 Desc. 125 ft. along crest of spur, sloping W.

Subdivision of T.4 S., R.19 E.

BOOK 3981

chains

68.00 Leave spur, sloping SW. Desc. 190 ft. over NW. slope.

80.10 The cor. of secs. 19, 20, 29 and 30.

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, pinon and juniper.
Undergrowth, oak, catclaw, laurel and cacti.

N.89°50'W. on a random line bet. secs. 19 and 30.

40.00 Set temp. 1/4 sec. cor.

79.11 Intersect the W. bdy. of the Tp. 9 lks. N. of the cor. of secs. 19, 24, 25 and 30.

Thence

S.89°54'E. on true line bet. secs. 19 and 30.

Over rolling mountains, through scattered timber and undergrowth.

Asc. 25 ft. over N. slope.

3.30 Change of slope to NE; desc. 130 ft.

11.90 Gully, course N.10°E. Continue descent over NE. slope.

15.10 Gully, course N. Asc. 70 ft. over NW. slope.

21.50 Small spur, slopes N. Desc. 75 ft. over NE. slope.

27.50 Gully, course N.20°E. Asc. 110 ft. over NW. slope.

30.00 Goat sheds and corral bears N. about 5 chs. dist.

37.40 House, bears N. about 8 chs. dist.

39.11 Set an iron post, 3 ft. long, 1 in. diam. 24 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4 S 19
S 30

1932

from which

A pinon, 6 ins. diam. bears N.13 3/4°E. 201 lks. dist.
mkd. 1/4 S19 BT

A pinon, 8 ins. diam. bears S.54°W. 95 lks. dist.
mkd. 1/4 S30 BT

Corner falls on spur, sloping N.

Desc. 105 ft. over NE. slope.

43.00 Foot of slope; over bottom land.

50.00 Fence, bears N.70°W. and S.70°E.

50.80 Hawk Canyon, watercourse 50 lks. wide, dry, course N.70°W.

54.50 Road, bears N.70°W. and S.70°E.

63.00 Leave bottom land; asc. 95 ft. over SW. slope.

Subdivision of T.4 S., R.19 E.

chains

- 66.25 Spur, slopes SW. Desc. 55 ft. over SE. slope.
- 69.30 Ravine, course S.40°W. Asc. 220 ft. over NW. slope.
- 79.11 The cor. of secs. 19,20,29 and 30.
- Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper and pinon.
Undergrowth, manzanita, oak, laurel, catclaw and cacti.
-
- N.0°03'W. bet.secs. 19 and 20.
- Over rolling mountains, through scattered timber and undergrowth.
- Desc. 95 ft. over NW. slope.
- 5.20 Ravine, course S.50°W. Asc. 555 ft. over SE. slope.
- 35.60 Spur, slopes S.30°W. Asc. 75 ft. over SW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
- $\frac{1}{4}$
S 19 | S 20
1932
- raise a mound
of stone 3 ft. base, 2 ft. high, W. of cor.
- Along W. slope.
- 40.75 Spur, slopes W. Desc. 50 ft. over NW. slope.
- 45.20 Ravine, course S.30°W. Asc. 70 ft. over S. slope.
- 50.00 Ridge, bears N.60°W. and S.60°E. Old roadway follows along top of ridge.
- Desc. 110 ft. over NE. slope.
- 60.10 Gully, course NW. Asc. 95 ft. over SW. slope.
- 68.60 Spur, slopes N.70°W. Desc. 80 ft. over NE. slope.
- 74.50 Gully, course N.20°W. Desc. 25 ft. over NW. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 24 ins. in the ground, for the cor. of secs. 17,18,19 and 20, with brass cap mkd.
- T4S R19E
S 18 | S 17
S 19 | S 20
1932
- from which
- A juniper, 8 ins. diam. bears N.5 3/4°E. 236 lks. dist.
mkd. T4S R19E S17 BT
- A juniper, 9 ins. diam. bears S.83 1/2°E. 290 lks. dist.
mkd. T4S R19E S20 BT

chains

A pinon, 9 ins. diam. bears N.38°W. 111 lks. dist.
mkd. T4S R19E S18 BT

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper and pinon.
Undergrowth, oak, catclaw and cacti.

S.89°58'E. on a random line bet.secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.

80.08 Intersect N. and S. line 5 lks. S. of the cor. of secs.
16,17,20 and 21.

Thence

West on true line bet.secs. 17 and 20.

Over rolling mountains, through scattered timber and
undergrowth.

Desc. 300 ft. over W. slope.

13.00 Gully, course N.60°W. Asc. 70 ft. over NE. slope.

18.50 Small spur, slopes N.30°W. Desc. 105 ft. over NW. slope.

22.10 Gully, course N.20°W. Asc. 150 ft. over NE. slope.

37.50 N. slope of low hill, near top. Desc. 20 ft.

40.04 Set an iron post, 3 ft. long, 28 ins. in the ground, for
1/4 sec. cor. with brass cap mkd.

1/4 S 17
S 20

1932

from which

A pinon, 6 ins. diam. bears N.21°W. 26 lks. dist.
mkd. 1/4 S17 BT

A pinon, 6 ins. diam. bears S.26°W. 43 lks. dist.
mkd. 1/4 S20 BT

Desc. 35 ft. over NW. slope.

47.00 Spur, slopes N.60°W. Desc. 485 ft. over SW. slope.

77.90 Ravine, course N.60°W. Asc. 25 ft. over NE. slope.

80.08 The cor. of secs. 17,18,19 and 20.

Land, mountainous.
Soil, rocky, 3rd. and 4th. rate.
Timber, pinon and juniper.
Undergrowth, oak, catclaw, laurel and cacti.

N.89°54'W. on a random line bet.secs. 18 and 19.

40.00 Set temp. 1/4 sec. cor.

79.04 Intersect the W. bdy. of the Tp. 7 lks. S. of the cor.
of secs. 13,18,19 and 24.

chains

Thence

S.89°51'E. on true line bet. secs. 18 and 19.

Over rolling mountains, through scattered timber and undergrowth.

Desc. 50 ft. over NE. slope.

10.90 Gully, course N.50°W. Asc. 210 ft. over NW. slope.

23.50 Spur, slopes N.40°W. Desc. 95 ft. over NE. slope.

31.00 Road, bears N. and S., in ravine, course N.10°W.

Asc. 120 ft. over W. slope.

39.04 Set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
$$\frac{1}{4} \begin{array}{l} S 18 \\ S 19 \end{array}$$

1932

from which

A juniper, $\frac{1}{4}$ ins. diam. bears N.16°E. 52 lks. dist. mkd. (only) BTA juniper, 7 ins. diam. bears S.44 $\frac{1}{2}$ °E. 292 lks. dist. mkd. $\frac{1}{4}$ S19 BT

39.10 Spur, slopes N.50°W. Desc. 60 ft. over NE. slope.

50.60 Gully, course N.30°W. Asc. 95 ft. over W. slope.

56.00 Low ridge, bears N.30°W. and S.30°E. Desc. 115 ft. over NE. slope.

57.20 Old road, bears N.30°E. and S.30°W.

64.10 Ravine, course N.20°E. Asc. 80 ft. over W. slope.

68.00 Small spur, slopes N.20°W. Desc. 40 ft. over NE. slope.

73.30 Gully, course N.20°W. Asc. 35 ft. over NW. slope.

76.00 Small spur, slopes N.20°W. Desc. 30 ft.

78.00 Gully, course N.20°W. Asc. 15 ft.

79.04 The cor. of secs. 17, 18, 19 and 20.

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper.
Undergrowth, oak, catclaw and cacti.

N.0°03'W. bet. secs. 17 and 18.

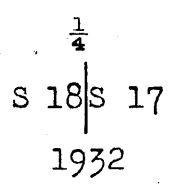
Over mountainous land, through scattered timber and undergrowth.

Desc. 35 ft. over N. slope.

2.20 Ravine, course N.80°W. Asc. 90 ft. over SW. slope.

chains

- 6.40 Small spur, slopes N.80°W. Desc. 55 ft. over N. slope.
- 9.70 Gully, course N.80°W. Asc. 60 ft. over SW. slope.
- 14.50 Spur, slopes N.60°W. Desc. 135 ft. over N. slope.
- 22.10 Gully, course N.30°W. Asc. 55 ft. over SW. slope.
- 33.20 Ridge, bears N.20°W. and S.20°E. Along E. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.



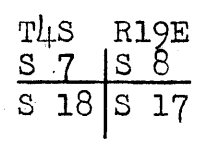
from which

A pinon, 5 ins. diam. bears N.66°E. 307 lks. dist. mkd. $\frac{1}{4}$ S17 BT

A juniper, 8 ins diam. bears S.34 $\frac{1}{4}$ °W. 93 lks. dist. mkd. $\frac{1}{4}$ S18 BT

Desc. 150 ft. over NE. slope.

- 53.00 Gully, course N.60°E. Asc. 85 ft. over SE. slope.
- 59.00 Over E. slope.
- 67.40 Change of slope to NE, desc. 150 ft.
- 76.90 Gully, course E. Asc. 85 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 27 ins. in the ground, for the cor. of secs. 7,8,17 and 18, with brass cap mkd.



1932

from which

A juniper, 5 ins. diam. bears S.86 $\frac{1}{2}$ °W. 47 lks. dist. mkd. T4S R19E S18 BT

Land, rolling mountains.
 Soil, rocky, 3rd. and 4th. rate.
 Timber, scattered juniper and pinon.
 Undergrowth, oak, catclaw and cacti.

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

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 - 80.10 Intersect N. and S. line 7 lks. N. of the cor. of secs. 8,9,16 and 17.
- Thence
 N.89°57'W. on true line bet. secs. 8 and 17.

chains
 Over mountainous land, through scattered timber and undergrowth.
 Asc. 125 ft. over SE. slope.

8.60 Ridge, bears NW. slopes SE. to saddle. Desc. 140 ft.

17.50 Gully, course S. Asc. 115 ft. over SE. slope.

24.50 S. slope of hill, near top. Desc. 55 ft. over an increasing SW. slope.

30.00 Slope changes to W, desc 225 ft.

40.05 Set an iron post, 3 ft. long, 1 in. diam. 10 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$ $\frac{S\ 8.}{S\ 17}$

1932

from which

A juniper, 8 ins. diam. bears S.4°E. 249 lks. dist.
 mkd. $\frac{1}{4}$ S17 BT

A juniper, 10 ins. diam. bears N.68 $\frac{3}{4}$ °W. 253 lks. dist.
 mkd. $\frac{1}{4}$ S8 BT

Desc. 480 ft. over W. slope.

64.50 Concrete watering trough bears S. about 1 ch. dist.

64.60 Ravine, course N.20°W. Asc. 215 ft. over SE. slope.

80.10 The cor. of secs. 7,8,17 and 18.

Land, rolling mountains.
 Soil, rocky, 3rd. and 4th. rate.
 Timber, juniper.
 Undergrowth, catclaw and cacti.

N.89°51'W. on a random line bet.secs. 7 and 18.

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

78.97 Intersect the W. bdy. of the Tp. at the cor. of secs. 7, 12,13 and 18.

Thence

S.89°51'E. on true line bet.secs. 7 and 18.

Over mountainous land, through scattered timber and undergrowth.

Asc. 280 ft. over SW. slope.

3.80 Gully, course SW.

20.20 Ridge, bears N.20°W. and S. Desc. 465 ft. over NE. slope.

38.97 Set an iron post, 3 ft. long, 1 in. diam. 8 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

Subdivision of T.4 S., R.19 E.

BOOK 3981

chains

$\frac{1}{4}$ S 7
S 18

Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd. 1932 from which

A juniper, 10 ins. diam. bears N.42°W. 127 lks. dist. mkd. $\frac{1}{4}$ S7 BT

A juniper, 8 ins. diam, bears S.57 $\frac{3}{4}$ °E. 256 lks. dist. mkd $\frac{1}{4}$ S18 BT

Desc. 105 ft. over NE. slope.

42.60 Ravine, course N. Asc. 110 ft. over W. slope.

46.40 Spur, slopes N.20°W. Desc. 130 ft. over NE. slope.

52.70 Road, bears N.30°W. and S.30°E.

54.00 Ravine, course N.30°W. Asc. 215 ft. over SW. slope.

73.50 Ridge, bears N. and S. Desc. 60 ft. over SE. slope.

78.97 The cor. of secs. 7,8,17 and 18.

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper.
Undergrowth, catclaw, oak, and cacti.

N.0°03'W. bet. secs. 7 and 8.

Over mountainous land, through scattered timber and undergrowth.

Asc. 45 ft. over SE. slope.

2.40 Short spur, slopes E. Desc. 50 ft. over NE. slope.

5.20 Gully, course N.70°E. Asc. 50 ft. over SE. slope.

9.00 Ridge, bears S.20°W. and N.

33.60 Leave ridge, bears N.30°W. and S. Desc. 20 ft. over NE. slope.

36.50 Change of slope to N. Desc. 80 ft.

36.70 Saunders residence bears N.22 $\frac{1}{4}$ °E. 32.00 chs. dist.

40.00 Set an iron post, 3 ft. long, 1 in. diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
S 7 | S 8

1932

from which

A juniper, 6 ins. diam. bears N.77 $\frac{3}{4}$ °E. 154 lks. dist. mkd. $\frac{1}{4}$ S8 BT

A juniper, 6 ins. diam. bears N.49 $\frac{1}{2}$ °W. 28 lks. dist. mkd. $\frac{1}{4}$ S7 BT

Subdivision of T.4 S., R.19 E.

- chains
- Desc. 90 ft. over NE. slope.
- 45.60 Gully, course NE. Along E. slope.
- 66.50 Sander's house bears East 12.50 chs. dist.
- 60.50 Change of slope to NE. Desc. 245 ft.
- 73.90 Road, bears NW. extends SE. to Sander's.
- 74.60 Wash, dry, 80 lks. wide, course N.60°W. Asc. 65 ft. over SW. slope.
- 78.90 Fence, bears N.20°W. and S.20°E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the ground, for the cor. of secs. 5, 6, 7 and 8, with brass cap mkd.

T4S R19E	
S 6 S 5	
S 7 S 8	
1932	

from which

A cottonwood, 20 ins. diam. bears S.81½°W. 270 lks. dist. mkd. T4S R19E S7 BT

A juniper, 15 ins. diam. bears N.21°W. 242 lks. dist. mkd. T4S R19E S6 BT

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
Timber, juniper and cottonwood.
Undergrowth, oak, catclaw and cacti.

S.89°57'E. on true line bet. secs. 5 and 8.

Over broken hills, through scattered undergrowth.

Asc. 135 ft. over SW. slope.

- 11.60 Spur, slopes S.20°W. Desc. 45 ft. over SE. slope.
- 16.40 Ravine, course S.40°W. Asc. 150 ft. over W. slope.
- 23.20 Spur, slopes S.20°W. Desc. 95 ft. over SE. slope.
- 29.00 Ravine, course S.20°W. Asc. 120 ft. over W. slope.
- 32.70 Fence, bears N.20°E. and S.20°W.
- 34.20 Spur, slopes S.20°W. Desc. 120 ft. over SE. slope.
- 40.00 True point for ¼ sec. cor. falls in ravine, course S.20°W. an insecure position for monumentation.
- 40.26 Set an iron post, 3 ft. long, 1 in. diam. 18 ins. in the ground, to bedrock, with a granite stone 4 x 6 x 8 ins. marked X deposited alongside, and in a mound of stone to top, for witness ¼ sec. cor. with brass cap mkd.

WC ¼ S 5
S 8

1932

Asc. 140 ft. over W. slope.

Subdivision of T.4 S., R.19 E.

BOOK 3981

chains

45.00 Spur, slopes S.20°W. Desc. 120 ft. over SE. slope.

49.90 Gully, course S.20°W. Asc. 95 ft. over NW. slope.

54.21 Intersect the S. bdy. of the White Mountain Indian Reservation.

Set an iron post, 3 ft. long, 2 ins. diam. 26 ins. in the ground, for closing cor. of secs. 5 and 8, with brass cap mkd.

~~CC S5 WMI R~~
~~S8~~
 T4S R19E
 1932

raise a mound

of stone, 3 ft. base, 2 ft. high, W. of cor.

From point of intersection the 22nd. mile monument on the bdy. of the White Mountain Indian Reservation, hereinbefore described, bears N.68°03'W. 9.28 chs. dist.

Land, broken hills.
 Soil, rocky, 3rd. and 4th. rate.
 Timber, none.
 Undergrowth, catclaw and cacti.

From the cor. of secs. 5, 6, 7, and 8.

N.89°51'W. on a random line bet. secs. 6 and 7.

40.00 Set temp. 1/4 sec. cor.

78.84 Intersect the W. bdy. of the Tp. at the cor. of secs. 1, 6, 7 and 12.

Thence

S.89°51'E. on true line bet. secs. 6 and 7.

Over rolling mountains, through scattered timber and undergrowth.

Asc. 100 ft. over SW. slope.

6.00 Ridge, bears N. and S. Desc. 760 ft. over E. slope.

37.50 Gully, course N.60°E. Asc. 15 ft.

38.84 Set an iron post, 3 ft. long, 1 in. diam. 28 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

$\frac{1}{4} \frac{S 6}{S 7}$
 1932

from which

A juniper, 8 ins. diam. bears S.68°E. 147 lks. dist.
 mkd. 1/4 S7 BT

A juniper, 5 ins. diam. bears N.78°W. 133 lks. dist.
 mkd. 1/4 S6 BT

Asc. 50 ft. over NW. slope.

44.00 Change of slope to N.

chains

51.30 Spur, slopes N.70°E. Desc. 245 ft. over E. slope.

62.25 Road, bears N.30°E. and S.

62.75 Wash, 40 lks. wide, dry, course N.40°E. Asc. 70 ft. over NW. slope.

67.50 Small spur, slopes N. Desc. 70 ft. over NE. slope.

76.00 Wash, 1 ch. wide, course NW. Road to Saunder's residence follows along wash.
Asc. 60 ft. over W. slope.

78.84 The cor. of secs. 5, 6, 7 and 8.
Land, mountainous.
Soil, rocky, 3rd. rate.
Timber, juniper.
Undergrowth, oak, catclaw and cacti.

N.0°03'W. bet. secs. 5 and 6.
Over rolling mountains, through scattered undergrowth.
Asc. 50 ft. over SW. slope.

9.00 Gully, course SW.

14.40 Small spur, slopes SW. Along W. slope.

20.50 Desc. 30 ft. over NW. slope.

21.74 Intersect the S. bdy. of the White Mountain Indian Reservation.
Set an iron post, 3 ft. long, 2 ins. diam. 12 ins. in the ground, to bedrock, with a sandstone, 6 x 6 x 8 ins. marked X deposited alongside, and in a mound of stone to top, for closing cor. of secs. 5 and 6, with brass cap mkd.

WMIR
S 6 | S 5
CC
T4S R19E
1932

From point of intersection the 22 $\frac{1}{2}$ mile monument on the bdy. of the White Mountain Indian Reservation, hereinbefore described, bears S.68°05'E. 9.18 chs. dist.

Land, rolling mountains.
Soil, rocky, 3rd. and 4th. rate.
No timber.
Undergrowth, catclaw and cacti.

At a point 40 chs. in E. departure from the closing cor. of secs. 5 and 6, on the N. bdy. of sec. 5, N.68°01'W. 6.02 chs. dist. from the 22nd. mile monument on the bdy. of the White Mountain Indian Reservation, hereinbefore described, set an iron post, 3 ft. long, 1 in. diam. 27 ins. in the ground, for the $\frac{1}{4}$ cor. of sec. 5 only,

chains

with brass cap mkd.

~~WMIR~~

$\frac{1}{4}$ S 5

1932

raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

At 40 chs. in W. departure from the closing cor. of secs. 5 and 6, on the N. bdy. of sec. 6, N.68°00'W. 12.30 chs. dist. from the 23rd. mile monument on the bdy. of the White Mountain Indian Reservation, hereinbefore described, set an iron post, 3 ft. long, 1 in. diam. 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap mkd.

~~WMIR~~

$\frac{1}{4}$ S 6

1932

from which

A juniper, 5 ins. diam. bears S.59 $\frac{1}{4}$ °E. 121 lks. dist. mkd. $\frac{1}{4}$ S6 BT

A juniper, 8 ins. diam. bears S.76 $\frac{1}{2}$ °W. 192 lks. dist. mkd. $\frac{1}{4}$ S6 BT

Final Test of Solar Attachment.

June 1, 1932. At camp, 20 chs. S. of the cor. of secs. 19, 20, 29 and 30, T.4 S., R.19 E. in latitude 33°03'30"N. and longitude 110°25'00"W. at 3h. 02m. a.m., l.m.t., observe Polaris at eastern elongation, making four readings, two each with the telescope in direct and reversed positions, marking the mean point by a nail in a peg driven firmly in the ground 10 chs. N.

Azimuth of Polaris 1° 16' 00"E.

At 8h. 00m. a.m., app. t. set off 33°03 $\frac{1}{2}$ 'N. on the lat. arc, 22°06'N. on the decl. arc, and orient the instrument with the solar; the line of sight agrees with the meridian determined by Polaris observation.

At 4h. 00m. p.m., app. t., with the latitude arc unchanged, and a setting of 22°08 $\frac{1}{2}$ 'N. on the decl. arc. repeat the test of the solar; the resulting line of sight agrees with the true meridian.

June 1, 1932.

General Description.

T.4 S., R.19 E. G. & S.R., B. & M. Arizona, is situated about 20 miles southeast of Coolidge Dam, and may be reached by two different roads leading from U.S. Highway No. 180. The topography is mountainous, the elevation ranging from three to five thousand feet above sea level. There is live water in Hawk and Garden Canyons, and Kelly Gulch. These canyons and the gulches are supplied

General Description.

T.4 S.,R.19 E.

by some smaller intermittent streams and springs in the tributary gulches.

Four settlers are resident in the township, all engaged in animal husbandry; the only current industry.

There has been extensive mining operations carried on in the southern part of the township, confined principally to prospecting activities.

The higher land is covered with a stunted growth of pinon and juniper timber; cottonwood, sycamore and ash are noted along the watercourses. There is a fairly dense growth of scrub-oak, manzanita and laurel, intersperced with catclaw and a wide range of cacti.

The soil is poor and shallow, and of coarse texture. There is a fair stand of mountain grasses in the lower elevations.

BOOK 3981

CERTIFICATE OF UNITED STATES SURVEYOR

I, Charles E. Hunter, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 4th day of December, 1931, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, ~~surveyed all those sections or portions of~~ **resurveyed a part of the south boundary of the White Mountain Indian Reservation and surveyed the South and West Boundaries and Subdivisional lines of Township No. 4 South, Range No. 19 East,**

_____ of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of **and resurvey** said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey **and resurvey.**

Glendale, California,
September 14, 1933.

Charles E. Hunter
U.S. Transitman

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
Denver, Colorado, October 2, 1933.

The foregoing field notes of the ~~survey~~ **resurvey of part of the South Boundary of the White Mountain Indian Reservation and survey of the South and West Boundaries and Subdivisional lines of Township No. 4 South, Range No. 19 East, of the Gila and Salt River Meridian in the State of Arizona,**

executed by Charles E. Hunter, U.S. Transitman, under his special instructions dated December 4, 1931, 19____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys **and resurveys** they describe, are hereby approved.

[Signature]
U.S. Supervisor of Surveys.

~~I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.~~

~~U. S. Supervisor of Surveys~~