

(1)

4-879

BOOK 3854

FIELD NOTES

OF THE SURVEY OF

PORTLAND No.1

PORTLAND No.2

and PORTLAND No.3

lode mining claims

AND OF THE RESURVEY OF

Part of the West Boundary

and

Part of the Subdivision Lines of

Township 11 North Range 3 West

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Benjamin J. Kinsey, U.S. Surveyor

Supplemental
In the capacity of U. S. Surveyor, under Special Instructions dated June 14, 1927, issued by the District Cadastral Engineer to govern surveys included in Group No. 140 Arizona, which were approved by the Commissioner of the General Land Office, July 9, 1927, and Assignment Instructions dated August 13, 1928.

Survey and ReSurvey commenced November 21, 1928.

Survey and ReSurvey completed November 28, 1928.

3854

3854

INDEX DIAGRAM.

Township _____, Range _____

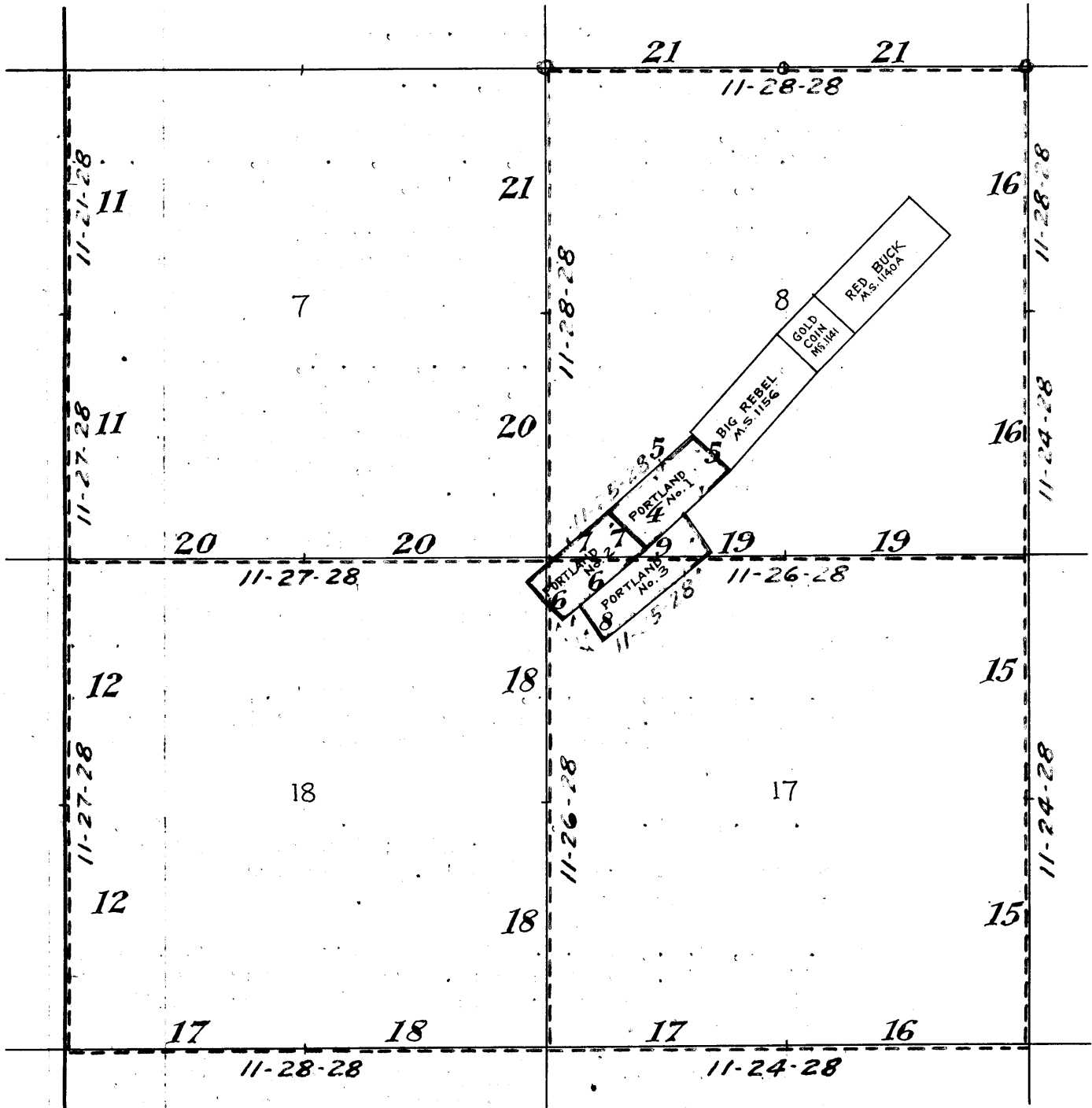
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
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INDEX AND DATE DIAGRAM.

1A

Book "J"
Group 140 Arizona
Township 11 North, Range 3 West

BOOK 3854



Surveyed by Benjamin J. Kinsey, U.S. Surveyor
as described herein.

Resurveyed by Benjamin J. Kinsey, U.S. Surveyor
as described herein.

Accepted surveys.

9

11-20-28

Black figure indicates page of notes.

Red figures indicate date of survey or resurvey.

The surveys and resurveys hereinafter described were executed on dates shown on diagram on page 1 hereof by Benjamin J. Kinsey, U.S. Surveyor, using Buff transit No. 18,000, with U-shaped standards, $4\frac{1}{2}$ inch horizontal and 4 in. vertical circles and equipped with Smith solar attachment.

All azimuth determinations are accomplished with the solar attachment except the special observation upon Polaris upon which to test the solar apparatus.

PRELIMINARY FIELD TEST
of
Buff Transit No. 18,000
by
Benjamin J. Kinsey, U.S. Surveyor.

November, 14, 1928, at station in camp, near the $\frac{1}{4}$ sec. cor. of secs. 6 and 7, T. 11 N., R. 3 W., G. & S. R. B. and M., in latitude $34^{\circ}20'N.$, and approximate longitude $112^{\circ}36\frac{1}{2}'W.$, examine the adjustments of the transit and find no existing errors; then to test the workings of the solar apparatus by comparing its indications with a true meridian established by obsn. upon Polaris, proceed as follows:

Nov. 15, 1928, at 3h. 57m., a.m., l.m.t., observe Polaris at western elongation, making four obsns., two each with the telescope in direct and reversed positions, marking the mean point in the line thus determined by a tack set in top of a stake, driven firmly in the ground about 5 chs. N.

Azimuth of Polaris at western elongation : $1^{\circ}18'09''$.

Lay off the azimuth of Polaris $1^{\circ}18'$ to the east and mark the meridian thus determined by a tack set in top of a stake driven firmly in the ground about 5 chs. N.

At 9h. 00m., a.m., app. t., set off $34^{\circ}20'N.$, on the lat. arc, $18^{\circ}31'S.$, on decl. arc and determine a meridian with the solar which is found to agree with the true meridian.

At 12h. 00m., app. noon, with the lat. arc unchanged, observe the sun on the meridian; the resultant reading of the decl. arc is $18^{\circ}33\frac{1}{2}'S.$, which agrees with the computed declination of the sun.

At 3h. 00m., p.m., app. t., with lat arc unchanged, set off $18^{\circ}35'S.$, on the decl. arc and determine a meridian with the solar which is found to agree with the true meridian.

As all of the obsns. taken during the usual hours of solar work agree within 1' of the true meridian, conclude that the instrument is in satisfactory adjustment.

All measurements are made with a Lufkin steel tape, 5 chs. in length, compared with a Lufkin Standard 1 ch. tape and found correct.

The measurements are made on the slope, the vertical angle determined with a clinometer and the slope measurements properly reduced to true horizontal distances.

OBSERVATION FOR TIME AND LATITUDE.

November 18, 1928: at same station as described on page 2 hereof, make a meridian observation upon the sun for time and latitude, observing simultaneously the altitude of the suns lower limb and the transit of the suns west limb; reversing the telescope and observing simultaneously the altitude of the suns upper limb and the transit of the suns east limb.

Mean observed altitude: 36° 21' 10"
Reduced latitude : 34° 19' 50"

Mean watch time of obsn. : 11 h. 51 m. 15 s.
Watch fast of local mean time: 6 m.

November 16, 1928: at same station as above described, Polaris not being visible at culmination, observe the star "Fomalhaut" for latitude, making two observations with the telescope in direct and reversed positions,

Mean observed altitude: 25° 39' 57"
Reduced latitude : 34° 19' 52"

Mean watch time of obsn.: 7 h. 17 m. 00 s., p. m.
Watch fast of local mean time: 6 m.

American Ephemeris, 1928, (for declination).

Segregation survey of the Portland No. 1. lode mining claim.

Chains The following notes describe the survey of the Portland No. 1 lode mining claim, for the purpose of segregating same from sec. 8, T. 11 N., R. 3 W.

At a point 62 lks. S. $43^{\circ} 13'$ W., from the SW. cor. of the location, which is a mound of stone, 4 ft. base, 2 ft. high, alongside a md. of stone of same dimensions monumenting the NW. cor. of location of Portland No. 2, lode mining claim, establish claim cor. as follows:
Set an iron post 3 ft. long, 1 in. diam., 12 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post and raise a mound of stone around post, for cor. No. 1 (SW. cor.) of Portland No. 1 lode mining claim, with brass cap marked

S 8
1 Pl.
1928

From this claim cor. the cor. of secs. 7, 8, 17 and 18, brs. S, $50^{\circ} 12'$ W., 13.40 chs. dist.
From Cor. No. 1 of Portland No. 1 lode mining claim, described above,
S. $46^{\circ} 00'$ E., on true line on SW. end line (1-2) of claim.

- 4.55 Intersect the southwest end center cor. of location which is a mound of stone 4 ft. base, 2 ft. high. Continue line and measurement.
- 8.96 Set an iron post 3 ft. long, 1 in. diam., 20 ins. in ground to bed rock, deposit a stone marked with a cross (X) at base of post and raise a mound of stone around post for cor. No. 2 (SE. cor.) of Portland No. 1 lode mining claim, with brass cap marked

P 1
2
1928

No trace of SE. cor. of the location can be found in this vicinity.

Thence

N. $48^{\circ} 29'$ E., on true line on SE. side line (2-3) of claim.

- 19.18 Intersect the NE. cor. of the location, identical with Cor. No. 2 (SE. cor.) of Big Rebel lode mining claim Mineral Survey No. 1156, which is a wooden post 4 ins. sq. projecting 4 ft. above ground, firmly set in ground and md. of stone and marked 2-BR-1156 on NE. face.

Reconstruct this cor. monument as follows: remove the md. of stone and alongside the wood post

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post and rebuild mound of stone around post, for cor. No. 2 (SE. cor.) of Big Rebel lode mining claim, Mineral Survey No. 1156 and cor. No 3 (NE. cor.) of the Portland No. 1 lode mining claim, with brass cap marked

BR
2
Pl 3
S 8
1928

BOOK 8852

Segregation survey of the Portland No. 1 lode mining claim.

Chains Thence
 N. 46° 00' W., on true line, on NE. end line (3-4) of Portland No. 1 lode mining claim, identical with part of SW. end line (2-3) of Big Rebel lode mining claim Mineral Survey No. 1156.

9.06 Set an iron post 3 ft. long, 1 in. diam., 20 ins. in ground to bed rock, deposit a stone mkd. with a cross (X) at base of post, and raise a mound of stone around post for cor. No. 4 of Portland No. 1, with brass cap marked

From this claim cor., Cor. No. 3 (SW. cor.) of Big Rebel lode mining claim Mineral Survey No. 1156, consisting of decayed remains of a wooden post set in a mound of stone, bears N. 46° 00' W., 8 lks. dist.

From cor. No. 4 (NW. cor) of Portland No. 1 lode mining claim.
 S. 48° 14' W., on true line on NW. side line (4-1) of claim.

19.19 Intersect Cor. No. 1, (SW. cor.) of Portland No. 1 lode mining claim hereinbefore described.

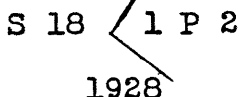
Boundaries of Portland No. 1 lode mining claim.
 Latitudes, departures and closing errors.

Line designated	True course	Dist- ance.	Latitudes		Departures		
			N.	S.	E.	W.	
SW. end line	S.46° 00'E.	8.96		6.22	6.44		
SE. side line	N.48°29' E.	19.18	12.71		14.36		
NE. end line	N.46° 00'W.	9.06	6.29			6.52	
NW. side line	S.48° 14'W	19.19		12.78		14.31	
Totals			19.00	19.00	20.80	20.83	
				19.00		20.80	
<u>Error in latitude</u>				0.00			
<u>Error in departure</u>						0.03	

Area of Portland No. 1 lode mining claim - 17.24 acres.

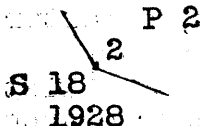
Segregation survey of the Portland No. 2 lode mining claim.

Chains The following notes describe the survey of the Portland No. 2 lode mining claim, for the purpose of segregating same from secs. 8, 17, and 18, T. 11 N., R. 3 W. At a point 14 lks. S. 46° E. from the SW. cor. of the location which is a md. of stone 5 ft. base, 3 ft. high, establish claim cor. as follows:
 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in ground to bedrock, deposit a stone, mkd. with a cross (X) at base of post and raise a md. of stone around post, for Cor. No. 1 (SW. cor) of Portland No. 2 lode mining claim with brass cap marked



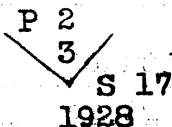
From this claim cor. the cor. of secs. 7, 8, 17 and 18 brs. N. 48° 33' E., 4.35 chs. dist.
 From Cor. No. 1 of Portland No. 2 lode mining claim, described above,
 S. 39° 23' E., on true line, on the NW. 1/2 (1-2) of SW. end line of claim.

4.52 Intersect the southwest end center cor. of location, which is a mound of stone 4 ft. base, 2 ft. high. Remove the md. of stone, and in center of its position set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, with a stone marked with a cross (X) deposited at base, for Cor. No. 2 of Portland No. 2 lode mining claim, marked on brass cap



Thence S. 46° 00' E., on true line, on SE. 1/2 (2-3) of SW. end line of claim.

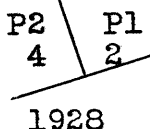
4.56 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in ground to bedrock, deposited a stone marked with a cross (X) at base of post and raise a mound of stone around post, for cor. No. 3 (SE. cor.) of Portland No. 2 lode mining claim, marked on brass cap



From this claim cor. the SE. cor. of the location, which is a mound of stone 4 ft. base, 2 ft. high, bears S. 41° 35' W., 67 lks. dist.

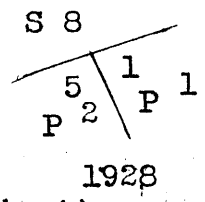
From Cor. No. 3 of Portland No. 2 lode mining claim described above,
 N. 49° 19' E., on true line on SE. side line (3-4) of claim.

18.26 Intersect Cor. No. 2 (SE. cor.) of Portland No. 1 lode mining claim, hereinbefore described. This cor. monument being identical in position with point for cor. No. 4 (NE. cor.) of Portland No. 2 lode mining claim, alter same for the additional reference by changing marking on the brass cap to read,



Segregation survey of the Portland No. 2 lode mining claim.

Chains No trace of the NE. cor. of the location can be found in this vicinity.
 Thence N. 46° 00' W., on true line, on the NE. end line of claim, identical with SW. end line of Portland No. 1 lode mining claim.
 4.41 Intersect the Northeast end center cor. of location, identical with SW. end center cor. of location of Portland No. 1 lode claim, hereinbefore described. Continue line and measurement.
 8.96 Intersect Cor. No. 1 (SW. cor.) of Portland No. 1 lode mining claim, hereinbefore described. This cor. monument being identical with point for Cor. No. 5 (NW. cor.) of Portland No. 2 lode mining claim, alter same for the additional reference by changing marking on the brass cap to read



From this claim cor. the NW. location cor. of Portland No. 2 lode claim which is a md. of stone 4 ft. base, 2 ft. high, bears N. 43° 13' E., 62 lks. dist. This location cor. is alongside the SW. location cor. of Portland No. 1; which is a mound of stone of same dimensions.
 From Cor. No. 5 of Portland No. 2 lode claim, described above S. 49° 46' W., on true line, on NW. side line (5-1) of claim.
 17.75 Intersect Cor. No. 1 (SW. cor.) of Portland No. 2 lode claim, hereinbefore described.

Boundaries of Portland No. 2 lode mining claim.
 Latitudes, departures and closing errors.

Line designated	True course	Dist- ance.	Latitudes		Departures		
			N.	S.	E.	W.	
SW. end line	S.39° 23'E.	4.52		3.49	2.87		
	S.46° 00'E.	4.56		3.17	3.28		
SE. side line	N.49° .19'E.	18.26	11.90		13.85		
NE. end line	N.46° 00'W.	8.96	6.22			6.44	
NW. side line	S.49° .46'W.	17.75		11.46		13.55	
<u>Totals</u>			18.12	18.12	20.00	19.99	
<u>Error in latitude</u>				0.00			
<u>Error in departure</u>						0.01	

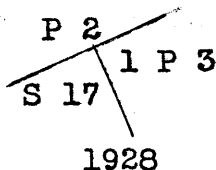
Area of Portland No. 2 lode mining claim - 16.30 acres.

Segregation survey of the Portland No. 3 lode mining claim.

Chains The following notes describe the survey of the Portland No. 3 lode mining claim for the purpose of segregating same from secs. 8 and 17, T. 11 N., R. 3 W,

At a point on the SE. side line (3-4) of the Portland No. 2 lode claim, 3.78 chs. N. $49^{\circ} 19'$ E., from Cor. No. 3 (SE. cor.) thereof, and 54 lks. N. $31^{\circ} 41'$ W., from SW. cor. of location of Portland No. 3 lode claim, establish claim cor. as follows:

Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in ground to bed rock; deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for Cor. No. 1 (SW. cor.) of Portland No. 3 lode claim, marked on brass cap



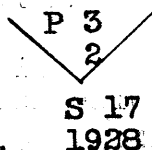
From this claim cor. the cor. of secs. 7, 8, 17 and 18, bears N. $37^{\circ} 55'$ W., 9.18 chs. dist.

From Cor. No. 1 (SW. cor.) of Portland No. 3 lode claim, described above,

S. $31^{\circ} 41'$ E., on true line, on SW. end line (1-2) of claim.

0.54 Intersect the SW. location cor. of Portland No. 3 lode claim, which is a mound of stone, 4 ft. base, 2 ft. high, Continue line and measurement.

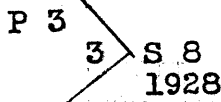
6.72 Intersect the SE. location cor. of Portland No. 3 lode claim, which is a mound of stone, 4 ft. base, 2 ft. high. Remove the mound of stone, and in center of its position establish claim cor. as follows:
Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in ground to bed rock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor. No. 2 (SE. cor.) of Portland No. 3 lode mining claim, marked on brass cap



Thence

N. $55^{\circ} 06'$ E., on true line on SE. side line (2-3) of claim.

22.44 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, with a stone marked with a cross (X) deposited at base, for cor. No. 3 (NE. cor.) of Portland No. 3 lode claim, marked on brass cap



From this claim cor. the NE. location cor. of Portland No. 3 lode claim, which is a mound of stone 4 ft. base, 2 ft. high, bears N. $62^{\circ} 59'$ E., 8.60 chs.

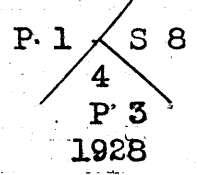
From cor. No. 3 (NE. cor.) of Portland No. 3 lode claim described above

N. $31^{\circ} 41'$ W., on true line, on NE. end line (3-4) of claim.

9.12 Intersect SE. side line (2-3) of Portland No. 1 lode claim at 10.93 chs. S. $48^{\circ} 29'$ W. from Cor. No. 3 (NE. cor.) thereof. At this point of intersection Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, with a stone marked with a cross (x)

Segregation survey of the Portland No. 3 lode mining claim.

Chains . deposited at base of post, for cor. No. 4 (NW. cor.) of Portland No. 3 lode mining claim, marked on brass cap

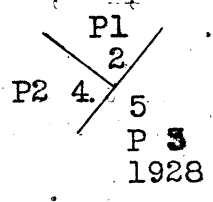


No trace of NW. location cor. can be found in this vicinity

Thence S. 48° 29' W., on true line, on part (4-5) of NW. side line of claim, identical with part of SE. side line of Portland No. 1 lode claim.

8.25 Intersect Cor. No. 2 (SE. cor.) of Portland No. 1 lode claim identical with Cor. No. 4 (NE. cor.) of Portland No. 2 lode claim, hereinbefore described.

This cor. monument being identical in position with point for Cor. No. 5 of Portland No. 3 lode claim, alter same for the additional reference by changing the markings on the brass cap to read



Thence S. 49° 19' W., on true line, on part (5-1) of NW. side line of claim, identical with part of SE. side line of Portland No. 2 lode claim.

14.48 Intersect Cor. No. 1 (SW. cor.) of Portland No. 3 lode claim hereinbefore described.

Boundaries of Portland No. 3 lode mining claim.
Latitudes, departures and closing errors.

Line designated	True course	Dist- ance.	Latitudes		Departures		
			N.	S.	E.	W.	
SW. end line	S. 31° 41' E.	6.72		5.72	3.53		
SE. side line	N. 55° 06' E.	22.44	12.84		18.40		
NE. end line	N. 31° 41' W.	9.12	7.76			4.79	
NW. side line	S. 48° 29' W.	8.25		5.47		6.18	
	S. 49° 19' W.	14.48		9.44		10.98	
Totals :			20.60	20.63	21.93	21.95	
				20.60		21.93	
Error in latitude				0.03			
Error in departure						0.02	

Area of Portland No. 3 lode mining claim - 17.67 acres.

Resurvey of part of the West Boundary of T. 11 N., R. 3 W.

Chains The north four miles of the west boundary of T. 11 N., R. 3 W., were surveyed by O. H. Case, U. S. D. S., in 1871. The south two miles of this township boundary were surveyed by G. F. Sawyer, U. S. Surveyor, in 1925. The west boundary of sec. 6 was retraced by J. P. Davis, U. S. Surveyor, in 1919 and the NW. cor. of this Tp. reestablished by proportional measurement. The north three miles of the Tp. boundary were retraced, and the west boundary of Sec. 19, resurveyed by G. F. Sawyer, U. S. S., in 1925. No other retracement or resurvey is of record.

The following notes describe a dependent resurvey of the township boundary west of secs. 7 and 12, reconstructing all existing cor. monuments and reestablishing missing corners by proportional measurement between existing corners.

RETRACEMENT FOR RESURVEY.

From the original cor. of secs. 1, 6, 7 and 12, T. 11 N., Rs. 3 and 4 W., hereinafter described.

40.48 South on a random line, bet. secs. 7 and 12 ($N. \frac{1}{2}$) Fall 68 lks. E. of the original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, hereinafter described.

True course and dist. of the $N. \frac{1}{2}$ of line bet. secs. 7 and 12 are therefore S. $0^{\circ} 58'$ W., 40.48 chs.

Thence,

South on a random line.

40.40 After diligent search find no evidence of the original cor. of secs. 7, 12, 13 and 18. Set temp. cor. of said secs.

Continue line and measurement.

80.00 After diligent search find no evidence of the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18. Set temp. $\frac{1}{4}$ sec. cor.

Continue line and measurement.

119.76 Fall 59 lks. west of the cor. of secs. 13, 18, 19 and 24, hereinafter described.

True course and dist. of the Tp. boundary from the $\frac{1}{4}$ sec. cor. of secs. 7 and 12, to the cor. of secs. 13, 18, 19 and 24 are therefore S. $0^{\circ} 17'$ E., 119.76 chs., which, to maintain original proportion between cor. intervals gives 3 intervals of 39.92 chs. each for the reestablishment of the missing cor. monuments.

RESURVEY.

The original cor. of secs. 1, 6, 7 and 12 is a stone 4 x 8 x 10 ins. marked with 5 grooves on 1 face and set in a small mound of stone. The record description of this cor. monument is a stone 16 x 8 x 10 ins., but the appearance of the stone found indicates that it has been broken off.

Reconstruct this cor. monument as follows:

Remove the old md. of stone, and in center of its position reset the old cor. stone 6 ins. in ground and alongside same

Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for the cor. of secs. 1, 6, 7 and 12, with brass cap marked

T 11 N
R 4 W | R 3 W
S 1 | S 6
S 12 | S 7
1928

Resurvey of part of the West Boundary of T. 11 N., R. 3 W.

Chains No trees available.
 Raise a mound of stone 4 ft. base and 2 ft. high W. of cor.
 Thence,
 S. 0° 58' W., on true line, bet. secs. 7 and 12. (N. 1/2)
 Over mountainous land, thru very scattering timber and
 dense undergrowth. Desc. 50 ft. over SE. slope.
 6.65 Wash, 30 lks. wide, course SE. Asc. 133 ft. over
 rolling NE. slope.
 16.50 Spur, slopes E. Desc. 201 ft. over SE. slope to wash.
 28.40 Old road, brs. NW - SE.
 34.80 Wash, 10 lks. wide, course SW. Asc. 52 ft. over NW.
 slope to 1/4 sec. cor.
 35.00 Old road, brs. NE. - SW.
 40.48 Intersect the original 1/4 sec. cor. of secs. 7 and 12,
 which is a stone 6 x 6 x 4 ins. faintly mkd. 1/4 on W.
 face, and set in a md. of stone
 Reconstruct this cor. monument as follows:
 Remove old md. of stone and in center of its position
 reset the old cor. stone, 6 ins. in the ground and
 alongside same
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for 1/4 sec. cor. of secs. 7 and 12, with
 brass cap mkd.

S 12 | S 7
 1928

No trees available.
 Raise a md. of stone 4 ft. base, 2 ft. high W. of cor.
 Thence
 S. 0° 17' E., on true line, bet. secs. 7 and 12 (S. 1/2).
 Asc. 46 ft. over NW. slope.
 6.00 Spur, slopes SW. Desc. 245 ft. over rolling SE. slope.
 25.00 Wash, 30 lks. wide, course SE. Road in wash, brs. NW. -
 SE. Asc. 145 ft. over N. slope.
 28.65 Spur, slopes E. Desc. 147 ft. over SE. slope.
 33.30 Wash, 20 lks. wide, course NE. Asc. 240 ft. over N.
 slope.
 37.50 Spur, slopes NW. Desc. gradually over NW. slope to
 39.92 (Proportional measurement) Set an iron post, 3 ft. long,
 2 ins. in diam., 26 ins. in the ground for the re-
 established cor. of secs. 7, 12, 13 and 18, with
 brass cap mkd.

T 11 N
 R 4 W R 3 W
 S 12 | S 7
 S 13 | S 18
 1928

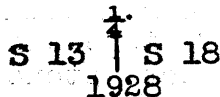
From which

- A pinion, 6 ins. in diam., brs. N. 28° E., 65
lks. dist., mkd. T 11 N R 3 W S 7 B T.
- A pinion, 6 ins. in diam., brs. S. 68° E., 42
lks. dist., mkd. T 11 N R 3 W S 18 B T.
- A pinion, 6 ins. in diam., brs. S. 7° W., 77
lks. dist., mkd. T 11 N R 4 W S 13 B T.
- A pinion, 8 ins. in diam., brs. N. 34° W., 55
lks. dist., mkd. T 11 N R 4 W S 12 B T.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, cedar and pinion.
 Undergrowth, scrub oak, catclaw and cacti.

Resurvey of part of the West Boundary of T. 11 N., R. 3 W.

Chains S. 0° 17' E., on true line, bet. secs. 13 and 18.
 Over mountainous land, thru scattering timber and dense undergrowth. Asc. 46 ft. along NW. slope.
 4.50 Spur, slopes NE. Desc. 310 ft. over rolling SE. slope.
 18.75 Rocky wash, 40 lks. wide, course NE. Asc. 73 ft. over NW. slope, to spur.
 20.85 Same wash, course NW.
 22.90 Spur, slopes E. Desc. 79 ft. over SW. slope.
 26.20 Same wash, course NE. Asc. 143 ft. over NW. slope.
 30.00 Spur, slopes West. Desc. 10 ft. over SW. slope.
 36.50 Small wash, course W. Asc. 107 ft. over NW. slope to
 39.92 (Proportional measurement) Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the reestablished $\frac{1}{4}$ sec. cor. of secs. 13 and 18, with brass cap marked



From which

A pinion, 7 ins. in diam., brs. East, 73 lks. dist., marked $\frac{1}{4}$ S 18 B T.

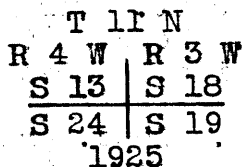
A pinion, 10 ins. in diam., brs. N. 82° W., 92 lks. dist., marked $\frac{1}{4}$ S 13 B T.

Asc. 204 ft. over NW. slope.

57.35 Spur, slopes NE. From which, a small spring brs. S. 57 $\frac{1}{2}$ ° E. Desc. 152 ft. over SE. slope.

70.30 Wash, 20 lks. wide, course NE. Ascend gradually over NW. slope to

79.84 Intersect the cor. of secs. 13, 18, 19 and 24, reestablished in 1925, which is an iron post, 2 ins. in diam., projecting 20 ins. above ground, firmly set in a md. of stone, and marked on brass cap



No bearing trees.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, pinion and cedar.

Undergrowth, scrub oak, catclaw and cacti.

Resurvey of part of the Subdivisional Lines of T. 11 N., R. 7 W.

Chains	<p>In 1871, O. H. Case, U. S. D. S., made the subdivisional survey of T. 11 N., R. 3 W., with the exception of secs. 11, 12, 13 and 14 and 30 and 31. In 1924, G. F. Sawyer, U. S. S., and Wesson Cook, U. S. T., completed the survey and retraced and resurveyed a part of the subdivision lines. No other retracement or resurvey is of record.</p> <p>The following notes describe a dependent resurvey of the subdivision lines bounding secs. 17 and 18, reconstructing the existing cor. monuments and reestablishing missing corners by proportional measurement between existing corner monuments.</p> <p style="text-align: center;">----- <u>RETRACEMENT FOR RESURVEY.</u> -----</p> <p>From the original cor. of secs. 16, 17, 20 and 21. North, on a random line, bet. secs. 16 and 17.</p> <p>40.00 After diligent search, find no evidence of the original $\frac{1}{4}$ sec. cor. Set temp. cor. Continue line and measurement.</p> <p>78.64 Fall 85 lks. west of the original position of cor. of secs. 8, 9, 16 and 17. True course and dist. of line between secs. 16 and 17 are therefore N. $0^{\circ} 37'$ E., 78.64 chs.</p> <p style="text-align: center;">-----</p> <p>North, on a random line, bet. secs. 8 and 9.</p> <p>40.00 After diligent search find no evidence of the original $\frac{1}{4}$ sec. cor. Set temp. cor. Continue line and measurement.</p> <p>82.08 Fall 318 lks. E. of the original cor. of secs. 4, 5, 8 and 9. True course and dist. of line bet. secs. 8 and 9 are, therefore, N. $2^{\circ} 13'$ W., 82.14 chs.</p> <p style="text-align: center;">-----</p> <p>From the original cor. of secs. 17, 18, 19 and 20, hereinafter described.</p> <p>38.54 East, on a random line, bet. secs. 17 and 20 ($W.\frac{1}{2}$). Fall 156 lks. N. of the original $\frac{1}{4}$ sec. cor.. True course and dist. of $W.\frac{1}{2}$ of line bet. secs. 17 and 20 are therefore N. $87^{\circ} 41'$ W., 38.57 chs. Thence,</p> <p>41.98 East, on a random line, bet. secs. 17 and 20 ($E.\frac{1}{2}$) Fall 128 lks. S. of the original cor. of secs. 16, 17, 20 and 21. True course and dist. of $E.\frac{1}{2}$ of line bet. secs. 17 and 20 are therefore S. $88^{\circ} 15'$ W., 42.00 chs.</p> <p style="text-align: center;">-----</p> <p>From the cor. of secs. 17, 18, 19 and 20, West, on a random line, bet. secs. 18 and 19.</p> <p>40.00 After diligent search find no evidence of the original $\frac{1}{4}$ sec. cor. Set temp. cor. Continue line and measurement.</p> <p>79.12 Fall 295 lks. N. of the cor. of secs. 13, 18, 19 and 24, on W. bdy. of Tp., hereinbefore described. True course and distance of line between secs. 18 and 19 are, therefore N. $87^{\circ} 52'$ E., 79.18 chs., which to maintain original proportion between corner intervals gives 40.25 chs. and 38.93 chs., respectively for the $E.\frac{1}{2}$ and $W.\frac{1}{2}$ of the line.</p> <p style="text-align: center;">-----</p>
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Resurvey of part of the Subdivisional lines of T. 11 N., R. 3 W.

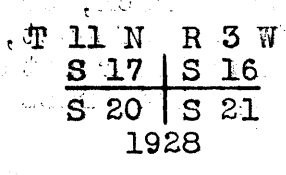
Chains	From cor. of secs. 17, 18, 19 and 20, North on a random line, bet. secs. 17 and 18.
40.00	After diligent search find no evidence of the original $\frac{1}{4}$ sec. cor. Set temp. cor. Continue line and measurement.
78.86	Fall 250 lks. E. of the original cor. of secs. 7, 8, 17 and 18. True course and dist. of line bet. secs. 17 and 18 are therefore N. $1^{\circ} 49'$ W., 78.90 chs.
39.85	East, on a random line, bet. secs. 8 and 17. After diligent search find no evidence of the original $\frac{1}{4}$ sec. cor. Set temp. cor. Continue line and measurement.
83.78	Fall 54 lks. N. of the original cor. of secs. 8, 9, 16 and 17. True course and dist. of line bet. secs. 8 and 17 are therefore N. $89^{\circ} 38'$ W., 83.78 chs.
39.70	From cor. of secs. 7, 8, 17 and 18, West, on random line, bet. secs. 7 and 18 (E. $\frac{1}{2}$). Fall 76 lks. N. of the orig. $\frac{1}{4}$ sec. cor. True course and dist. of E. $\frac{1}{2}$ of line bet. secs. 7 and 18 are, therefore, N. $88^{\circ} 54'$ E., 39.71 chs. Thence
37.02	West, on random line, bet. secs. 7 and 18 (W. $\frac{1}{2}$). Fall 145 lks. N. of the reestablished cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., hereinbefore described. True course and dist. of W. $\frac{1}{2}$ of line bet. secs. 7 and 18 are, therefore, N. $87^{\circ} 45'$ E., 37.05 chs.
40.00	From cor. of secs. 7, 8, 17 and 18, North, on a random line, bet. secs. 7 and 8. After diligent search, find no evidence of the original $\frac{1}{4}$ sec. cor. Set temp. cor. Continue line and measurement.
77.52	Fall 153 lks. W. of the original cor. of secs. 5, 6, 7 and 8. True course and dist. of line bet. secs. 7 and 8 are therefore N. $1^{\circ} 08'$ E., 77.54 chs.
40.00	East, on random line, bet. secs. 5 and 8. After diligent search find no evidence of orig. $\frac{1}{4}$ sec. cor. Set temp. cor. Continue line and measurement.
79.21	Fall 385 lks. S. of the orig. cor. of secs. 4, 5, 8 and 9. True course and dist. of line bet. secs. 5 and 8 are, therefore, S. $87^{\circ} 13'$ W., 79.30 chs.

RESURVEY.

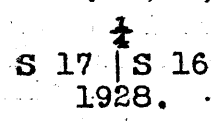
The original cor. of secs. 16, 17, 20 and 21, is a stone 10 x 10 x 18 ins., mkd. with 3 grooves on S. face and 4 grooves on E. face, and set in a mound of stone.

Resurvey of part of the Subdivisional Lines of T. 11 N., R. 3 W.

Chains Fence lines to N. and to the E. agree with this cor. position.
 Reconstruct this cor. monument as follows:
 Remove the md. of stone and in center of its position re-set old cor. stone 12 ins. in ground and alongside same
 Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, raise a mound of stone around post for the cor. of secs. 16, 17, 20 and 21, with brass cap marked:

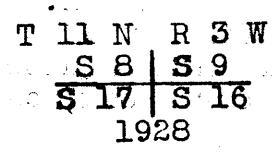


Thence,
 N. 0° 37' E., on true line, bet. secs. 16 and 17.
 Over rolling land, thru scattering timber and undergrowth.
 Desc. 237 ft. over N. slope.
 15.84 Cor. of fences from SW-NE and N. Thence along fence.
 20.10 Wash, 40 lks. wide, course SW. Asc. 93 ft. over rolling S. slope to
 39.32 (Proportional measurement). Set an iron post 3 ft. long 1 in. in diam., 18 ins. in the ground to bed rock; deposit a stone mkd. with a cross (X) at base of post, raise a md. of stone around post for the re-established 1/4 sec. cor. of secs. 16 and 17, with brass cap marked



Asc. gradual SW. slope along W. side of wire fence.
 52.64 Spur, slopes SE. Desc. 97 ft. over NE. slope.
 78.00 Wash, 30 lks. wide, course SE. Asc. slight SW. slope to
 78.64 Intersect the original position of cor. of secs. 8, 9, 16 and 17, a fence cor. post from which fences extend E. and S. A small mound of stone surrounds the base of the fence post.

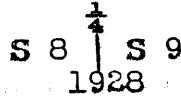
Reconstruct this cor. monument as follows:
 Remove the mound of stone and alongside the fence cor. post
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground and rebuild mound of stone around post for the cor. of secs. 8, 9, 16 and 17, with brass cap marked



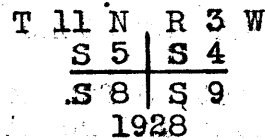
From which
 A hackberry, 6 ins. diam. brs. S. E., 150 lks. dist., mkd. T 11 N R 3 W S 16 BT.
 An oak, 5 ins. diam., brs. N. W., 120 lks. dist., mkd. T 11 N R 3 W S 8 B T.
 Land, mountainous and rolling.
 Soil, rocky, 4th rate.
 Timber, mesquite and cedar.
 Undergrowth, scrub oak, catclaw and cacti.

Resurvey of part of the Subdivisional Lines of T. 11 N., R. 3 W.

Chains N. 2° 13' W., on true line, bet. secs. 8 and 9.
 Over rolling land, thru scattering timber and under-
 growth.
 14.00 Enter level land; Wm. Simons' house brs. N. 18 $\frac{1}{2}$ ° E.
 33.00 Old road, brs. NE. and SW.
 34.80 Wm. Simons house brs. S. 31 $\frac{1}{2}$ ° E. Leave level land.
 Desc. 40 ft. over NW. slope to
 41.07 (Proportionate measurement)
 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to bedrock, deposit a stone marked with a
 cross (X) at base of post, raise a md. of stone
 around post for the reestablished $\frac{1}{4}$ sec. cor. of
 secs. 8 and 9, with brass cap marked



From which,
 A cedar, 5 ins. in diam., brs. S. 28° W., 582
 lks. dist., marked $\frac{1}{4}$ S 8 B T.
 No other bearing tree available.
 Desc. 108 ft. over NW. slope.
 52.40 Wash, 30 lks. wide, course NE. Thence over rolling ~~SE~~
 slope.
 72.65 Wash, 20 lks. wide, course NE.
 Asc. 69 ft. over SE. slope to sec. cor.
 78.84 Old road, brs. NE-SW.
 81.85 Wire fence, brs. E.-W.
 82.14 Intersect the original cor. of secs. 4, 5, 8 and 9,
 which is a stone 16 x 10 x 8 ins., marked with 4
 grooves on E. face, firmly set in a mound of stone.
 Reconstruct this cor. mon. as follows. Remove the mound
 of stone and in center of its position reset old cor.
 stone 12 ins. in ground, and alongside same
 Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in
 the ground to bedrock, deposit a stone marked with a
 cross (X) at base of post and raise a mound of stone
 around post, for the cor. of secs. 4, 5, 8 and 9, with
 brass cap marked



No bearing trees available.
 Land, rolling and level.
 Soil, rocky, 4th rate.
 Timber, cedar and mesquite.
 Undergrowth, scrub oak, catclaw and cacti.

From the cor. of secs. 16, 17, 20 and 21, hereinbefore
 described.
 S: 88° 15' W., on true line, bet. secs. 17 and 20 (E. $\frac{1}{2}$).
 Over mountainous land, thru scattering timber and under-
 growth.
 Asc. 17 ft. over NE. slope.
 4.80 Desc. 333 ft. over W. slope.
 16.90 Wash, 30 lks. wide, course SW. Asc. 166 ft. over NE.
 slope.
 31.70 Spur, slopes S. Desc. 173 ft. over NW. slope to
 42.00 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 17 and 20,
 which is a stone 4 x 12 x 8 ins., marked $\frac{1}{4}$ on N. face,
 and set in a mound of stone.

Resurvey of part of the Subdivisional Lines of T. 11 N., R. 3 W.

Chains Reconstruct this corner monument, as follows:
 Remove the mound of stone and in center of its position
 reset old cor. stone 8 ins. in the ground, and alongside
 same
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.
 in the ground for the $\frac{1}{4}$ sec. cor. of secs. 17 and 20,
 with brass cap marked

$\frac{1}{4}$ $\frac{S 17}{S 20}$
 1928

From which

A hackberry, 8 ins. in diam., brs. N. 15° E.,
.94 lks. dist., marked $\frac{1}{4}$ S 17 B T.

A hackberry, 8 ins. in diam., brs. S. 9° W., 32
lks. dist., marked $\frac{1}{4}$ S 20 B T.

Thence,

N. 87° 41' W., on true line, bet. secs. 17 and 20 (W. $\frac{1}{2}$).

Desc. slight NW. slope.

1.30 French Gulch, 200 lks. wide, course SE.

Asc. slight NE. slope.

3.70 Road, brs. NW-SE. (leads to houses SE. about 8 chs.)

6.00 Wire fence, brs. W. and S. at cor. about 2 chs. S.

Asc. 367 ft. over rolling NE. slope.

31.90 Spur, slopes SE. from SW. Desc. 70 ft. over N. slope
to sec. cor.

38.33 Wire fence, brs. N-S.

38.57 Intersect the original cor. of secs. 17, 18, 19 and 20,
which is a stone 20 x 18 x 18 ins. faintly marked
with 4 and 3 grooves on E. and S. faces respectively,
and set in a mound of stone.

Reconstruct this cor. mon. as follows: Remove the mound
of stone and in center of its position reset old cor.
stone 14 ins. in the ground and alongside same

Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in
the ground to bedrock, deposit a stone marked with a
cross (X) at base of post, and raise a mound of stone
around post, for the cor. of secs. 17, 18, 19 and 20,
with brass cap marked

T 11 N R 3 W
S 18 | S 17
 S 19 | S 20
 1928

No suitable bearing trees available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, cedar, mesquite, cottonwood and hackberry.

Undergrowth, scrub oak, catclaw and cacti.

From cor. of secs. 13, 18, 19 and 24, on W. bdy. of Tp.,
hereinbefore described.

N. 87° 52' E., on true line, bet. secs. 18 and 19.

Over mountainous land, thru scattering timber and dense
undergrowth.

Asc. gradual NW. slope.

0.50 Spur, slopes N. Desc. 130 ft. over NE. slope.

4.25 Wash, 10 lks. wide, course N.

Asc. 229 ft. over NW. slope.

14.30 Spur, slopes N. From which, a small spring, brs. N.
76 $\frac{1}{2}$ ° E. Desc. 194 ft. over SE. slope.

22.30 Wash, 10 lks. wide, course N.

Asc. 229 ft. over NW. slope, to $\frac{1}{4}$ sec. cor.

32.50 Wire fence, brs. N. and S.

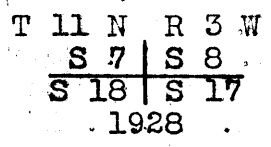
Resurvey of Part of the Subdivisional Lines of T. 11 N., R. 3 W.

Chains	
38.93	(Proportional measurement). Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for the reestab- lished $\frac{1}{4}$ sec. cor. of secs. 18 and 19, with brass cap marked
	$\frac{1}{4}$ $\frac{S 18}{S 19}$ 1928
	No suitable bearing trees available. Raise a mound of stone 4 ft. base, 2 ft. high, N. of cor. Asc. 94 ft. over NW. slope.
49.60	Spur, slopes NE. Same spring brs. N. 64° W. Desc. 269 ft. over rolling NE. slope to
79.18	Intersect the cor. of secs. 17, 18, 19 and 20. Land, mountainous. Soil, rocky, 4th rate. Timber, scrub cedar, pinion, and along washes cottonwood and hack berry. Undergrowth, scrub oak, catclaw and cacti.

	N. 1° 49' W., on true line, bet. secs. 17 and 18. Over mountainous land, thru scattering timber and dense undergrowth. Along west side of wire fence. Desc. 188 ft. over N. and NE. slope.
20.50	Wash, 30 lks. wide, course E. Asc. 96 ft. over SE. slope
28.80	Spur, slopes NE. Desc. 150 ft. over NW. slope to
39.45	(Proportional measurement) Set an iron post 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone around post for the re- established $\frac{1}{4}$ sec. cor. of secs. 17 and 18, with brass cap marked
	$\frac{1}{4}$ S 18 S 17 1928
	No suitable bearing trees available. Desc. 30 ft. over N. slope.
45.00	French Gulch, 150 lks. wide, course NE. Road in bottom brs. NE.-SW. Asc. 115 ft. over SE. slope.
48.50	Spur, slopes SE. Desc. gradual NE. slope.
53.50	Wash, 20 lks. wide, course SE. Asc. 129 ft. over SW. slope.
64.70	Spur, slopes W. Desc. 44 ft. over NW. slope.
67.90	Wash, 10 lks. wide, course W. Asc. 63 ft. over S. slope.
71.93	Intersect SE. $\frac{1}{2}$ of SW. end line (1-2-3), Portland No. 2 mining claim, at a point 85 lks. S. 46° E., from Cor. No. 2 (S.E.C.) and 3.71 chs. N. 46° W., from Cor. No. 3 (SE. cor.) thereof, hereinbefore described. Thence across said mining claim.
72.90	Spur, slopes E. Desc. gradual N. slope.
75.70	Wash, 10 lks. wide, course E. Asc. 71 ft. over SE. slope to sec. cor.
78.78	Intersect NW. side line (5-1) of Portland No. 2 mining claim, at a point 4.27 chs. N. 49° 46' E., from Cor. No. 1 (SW. cor.) thereof hereinbefore described. Leave said mining claim.
78.90	Intersect the original cor. of secs. 7, 8, 17 and 18, which is a stone 20 x 10 x 10 ins. mkd. faintly with 4 grooves on E. face, and set in a mound of stone.

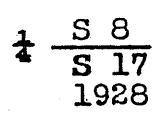
Resurvey of part of the Subdivisional Lines of T. 11 N., R. 3 W.

Chains Reconstruct this cor. as follows: remove the mound of stone and in center of its position reset old cor. stone 14 ins. in the ground, and alongside same Set an iron post 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock and raise a mound of stone around post for the cor. of secs. 7, 8, 17 and 18, with brass cap marked



No suitable bearing trees available.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, cedar, cottonwood (along French Gulch) and hackberry.
 Undergrowth, scrub oak, catclaw and cacti.

-
- From cor. of secs. 8, 9, 16 and 17, hereinbefore described.
 N. 89° 38' W., on true line, bet. secs. 8 and 17.
 Over rolling land, thru scattering timber and undergrowth
 Desc. slight SW. slope.
- 1.30 Wash, 20 lks. wide, course SE. Asc. gradual NE. slope.
 - 24.07 Old road, brs. NE-SW.
 - 24.66 Spur, slopes SE. A cor. of fences from N. and West, brs. N. about 70 lks. dist. Asc. gradually over S. slope.
 - 33.50 Spur, slopes SW. A house brs. S. 37° E. about 20 chs. dist. Desc. gradually over W. slope.
 - 37.45 Wash, 20 lks. wide course SE.
 - 37.80 Asc. gradually over NE. slope to.
 - 41.89 (Proportional measurement). Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the reestablished $\frac{1}{4}$ sec. cor. of secs. 8 and 17, with brass cap marked



- No suitable bearing trees available.
 Raise a mound of stone 4 ft. base, 2 ft. high N. of cor. E. and W. fence, brs. N. 70 lks. dist.
 Asc. 103 ft. over NE. slope.
- 53.70 Spur, slopes NE. Desc. gradual NW. slope.
 - 56.43 Intersect the SE. side line (2-3) of the Portland No. 3 mining claim at 44 lks. S. 55° 06' W., from cor. No. 3 thereof. Thence across said claim
 - 57.30 Wash, 30 lks. wide, course SW.
Ascend 60 ft. over SE. slope.
 - 76.00 Spur, slopes S. Desc. gradual SW. slope.
 - 79.20 Wash, 20 lks. wide, course S. Asc. gradual SE. slope.
 - 80.60 Wire fence, brs. N. and S. (N. about 70 lks. to cor. from which fences extend S. and E.)
 - 83.64 Intersect NW. side line (5-1) of Portland No. 2 mining claim at a point 4.45 chs. N. 49° 46' E., from Cor. No. 1 (SW. cor.) thereof hereinbefore described.
Leave mining claim.
 - 83.78 Intersect the cor. of secs. 7, 8, 17 and 18, hereinbefore described.
Land, rolling.
Soil, rocky, 4th rate.
Timber, scrub cedar.
Undergrowth, scrub oak, catclaw and cacti.
-

Resurvey of Part of the Subdivisional Lines of T. 11 N., R. 3 W.

Chains From cor. of secs. 7, 12, 13 and 18 on W. bdy. of T., hereinbefore described.
 N. 87° 45' E., on true line, bet. secs. 7 and 18 (W. $\frac{1}{2}$).
 Over mountainous land, thru scattering timber and thick undergrowth. Ascend slightly over NW. slope.

0.35 Spur, slopes NE. Desc. 166 ft. over S. slope.
 5.35 Same spur, slopes SE. Desc. 102 ft. over NE. slope.
 12.55 French Gulch, 40 lks. wide, course SE. Road in bottom, brs. NW.-SE. Asc. 102 ft. over SW. slope.
 17.05 Spur, slopes S. Desc. 85 ft. over NE. slope.
 22.00 Wash, 20 lks. wide, course SW; asc. 90 ft. over NW. slope
 35.45 Spur, slopes SW. Desc. 17 ft. over SE. slope to
 37.05 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 7 and 18, which is a stone 5 x 10 x 10 ins., marked $\frac{1}{4}$ on N. face and set in a mound of stone.
 Reconstruct this cor. monument as follows; remove the mound of stone and in center of its position reset old cor. stone 8 ins. in ground, and alongside same Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bed rock, deposit a stone marked with a cross (X) at base of post and raise a md. of stone around post, for the $\frac{1}{4}$ sec. cor. of secs. 7 and 18, with brass cap marked

$\frac{1}{4}$ $\frac{S 7}{S 18}$
 1928

No bearing trees available.

Thence

N. 88° 54' E., on true line, bet. secs. 7 and 18 (E. $\frac{1}{2}$).
 Desc. 211 ft. over SE. slope.
 21.50 Wash, 20 lks. wide, course SW.
 Asc. 133 ft. over NW. slope.
 34.40 Spur, slopes S. Desc. 80 ft. over SE. slope to
 39.71 Intersect the cor. of secs. 7, 8, 17 and 18.
 Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, scrub cedar.
 Undergrowth, scrub oak, catclaw and cacti.

N. 1° 08' E., on true line, bet. secs. 7 and 8.
 Over mountainous land, thru scattering undergrowth.
 Asc. 45 ft. over SE. slope.

14.70 Desc. gradual NE. slope.
 18.00 Wash, 10 lks. wide, course SE. Asc. 200 ft. over SW. slope.
 31.40 Spur, slopes SE. Continue gradual ascent along E. slope to
 38.77 (Proportional measurement) Set an iron post 3 ft. long, 2 in. in diam., 8 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, raise a mound of stone around post, for the reestablished $\frac{1}{4}$ sec. cor. of secs. 7 and 8, with brass cap marked

$\frac{1}{4}$ $\frac{S 7}{S 8}$
 1928

No suitable bearing trees available.

Continue line and measurement.

Asc. 74 ft. along E. slope.

Resurvey of part of the Subdivisional Lines of T. 11 N., R. 3 W.

Chains
49.80 Desc. 187 ft. over NE. slope.
54.40 Wash, 10 lks. wide, course E.
Asc. 62 ft. over SE. slope.
60.30 Spur, slopes E. Desc. 41 ft. over NE. slope.
62.90 Wash, 15 lks. wide, course SE.
Asc. 127 ft. over S. slope.
71.50 Spur, slopes E. Desc. 88 ft. over NE. slope.
76.10 Wash, 10 lks. wide, course E. Asc. 16 ft. over SE. slope
to
77:54 Intersect the original cor. of secs. 5, 6, 7 and 8; which
is a stone 20 x 10 x 10 ins. marked faintly with 5
grooves on each of S. and E. edges and set in a mound
of stone.
Reconstruct this cor. monument as follows: remove the
mound of stone and in center of its position reset
old cor. stone 14 ins. in the ground and alongside
same
Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins.
in the ground for the cor. of secs. 5, 6, 7 and 8,
with brass cap marked

T 11 N R 3 W
S 6 | S 5
S 7 | S 8
1928

No bearing trees available. Raise a mound of stone 4
ft. base, 2 ft. high W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, scrub cedar.
Undergrowth, scrub oak, catclaw and cacti.

From cor. of secs. 4, 5, 8 and 9.
S. 87° 13' W., on true line, bet. secs. 5 and 8.
Over mountainous land, thru scattering timber and under-
growth. Asc. 120 ft. over S. slope.
21.80 Spur, slopes NE. Desc. 42 ft. over NW. slope.
24.00 A fence cor. brsq. S. 150 lks. dist. From cor. fences
extend E. and S.
32.40 Wash, 20 lks. wide, course NE. Ascend 40 ft. over NE.
slope to
39.65 (Proportional measurement) Set an iron post 3 ft. long,
1 in. in diam., 18 ins. in the ground to bedrock,
deposit a stone marked with a cross (x) at base of
post and raise a mound of stone around post, for the
reestablished 1/4 sec. cor. of secs. 5 and 8, with
brass cap marked

1/4 S 5
S 8
1928

Asc. 60 ft. over NE. slope.
42.85 Spur, slopes NE. Desc. 68 ft. over NW. slope.
51.65 Wash, 20 lks. wide, course NE.
Asc. 150 ft. over NE. slope.
67.35 Spur, slopes SE. Desc. 67 ft. over SW. slope.
77.65 Wash, 30 lks. wide, course SE.
Asc. gradually over SE. slope to
79.30 Intersect the original cor. of secs. 5, 6, 7 and 8.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, pinion and cedar.
Undergrowth, scrub oak, catclaw and cacti.

Boundaries of Secs. 8, 17 and 18, T. 11 N., R. 3 W.

Latitudes, departures and closing errors.							
Line designated	True course	Dist- ance.	Latitudes		Départures		
			N.	S.	E.	W.	
Subd. 17-20 (E $\frac{1}{2}$) Lines 17-20 (W $\frac{1}{2}$) 18-19	S. 88° 15' W.	42.00		1.28		41.98	
	N. 87° 41' W.	38.57	1.56			38.54	
	S. 87° 52' W.	79.18		2.95		79.12	
W. Bdy. of Tp.	N. 0° 17' W.	79.84	79.84			.39	
Subd. 7-18 (W $\frac{1}{2}$) 7-18 (E $\frac{1}{2}$) Lines 7-8 5-8 8-9 16-17	N. 87° 45' E.	37.05	1.45		37.02		
	N. 88° 54' E.	39.71	.76		39.70		
	N. 1° 8' E.	77.54	77.52		1.53		
	N. 87° 13' E.	79.30	3.85		79.21		
	S. 2° 13' E.	82.14	82.14	82.08	3.18		
	S. 0° 37' W.	78.64		78.64		.85	
Convergency					.04		
Totals			164.98	164.95	160.68	160.88	
			164.95			160.68	
Error in latitude			0.03				
Error in departure					0.20		

FINAL TEST BUFF TRANSIT NO. 18000.

Nov. 28, 1928, at the same station as described on page 2 hereof, examine the adjustments of the transit and find no error.

At 9 h. 00 m. a.m., app. t., set off 34° 20' N. on the lat. arc, 21° 19' S., on the decl. arc, and determine a meridian with the solar which is found to agree with the true meridian.

At 12 h. 00 m., app. noon, with the lat. arc unchanged, observe the sun on the meridian. The resultant reading of the decl. arc is 21° 21' S., which agrees with the computed declination of the sun.

At 3 h. 00 m., p. m., app. t., with the lat. arc unchanged set off 21° 21½' S., on the decl. arc and determine a meridian with the solar which is found to agree with the true meridian.

As all of the observations taken agree within 1' of the true meridian conclude that the instrument has remained in satisfactory adjustment during the surveys described in the foregoing notes.

NOTICE OF MINING LOCATION
LODE CLAIM

BOOK 3854

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Portland No. 1 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by John F. Hopkins A Citizen of the United States the undersigned, on the First 1th day of January, 1915.

The length of this claim is Fifteen Hundred (1500) feet, and I claim One thousand (1000) feet in a Northeasterly direction and Five hundred (500) feet in a South Westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three hundred (300) feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North East to the South West.

The claim is situated and located in the Walnut Grove Mining District, in Yavapai County, in the State of Arizona, about 2½ Miles in a Westerly direction from the Neat Ranch on the Hassayampa River and One mile East of Watts Sheep Ranch.

The surface boundaries of the claim are marked upon the ground as follows. Beginning at Monument of Stone at a point in a Northerly direction 1000 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence Easterly 300 feet to a Monument, being the Northeast corner of said claim; thence Southerly 1500 feet to a Monument, being at the Southeast corner of said claim; thence Westerly 300 feet to a Monument at the center of the South end of said claim; thence Westerly 300 feet to a Monument, being at the South West corner of said claim; thence Northerly 1500 feet to a Monument at the North west corner of said claim; thence easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona" approved March 16, 1901.

Dated and Posted on the Ground this First 1th day of January, 1915.

John F. Hopkins.

Filed and recorded at request of John F. Hopkins, Jan. 4, A. D. 1915 at 9:00 o'clock A. M., Book 96 of Mines, Page 518, Records of Yavapai County, Arizona.

(SEAL)

L. S. Colwell, County Recorder
By James W. Coyne, Deputy Recorder.

BOOK 3854

NOTICE OF MINING LOCATION
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Portland No. 2 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by John F. Hopkins, A Citizen of the United States the undersigned, on the First 1th day of January, 1915.

The length of this claim is Fifteen Hundred (1500) feet, and I claim Five hundred (500) feet in a Northerly direction and One Thousand (1000) feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three hundred (300) feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North East to the South West.

The claim is situated and located in the Walnut Grove Mining District, in Yavapai County, in the State of Arizona, about 2½ miles in a Westerly direction from the Neat ranch on the Hassayampai river and one mile east of Watts Sheep ranch.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at Monument of Stone at a point in a Northerly direction 500 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence Easterly 300 feet to a Monument being the North East corner of said claim; thence Southerly (1500) feet to a Monument, being at the Southeast corner of said claim; thence Westerly 300 feet to a Monument at the center of the South end of said claim; thence west-erly 300 feet to a Monument, being at the South West corner of said claim; thence Northerly 1500 feet to a Monument at the North West corner of said claim; thence Easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona", approved March 16, 1901.

Dated and Posted on the Ground this First 1th day of January, 1915.

John F. Hopkins

Filed and recorded at request of John F. Hopkins, Jan. 4, A. D. 1915, at 9:00 o'clock A. M., Book 96 of Mines, Page 519 Records of Yavapai County, Arizona.

(SEAL)

L. S. Colwell, County Recorder.
By James W. Coyne, Deputy Recorder.

BOOK 3854

NOTICE OF MINING LOCATION.
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Portland No. 3 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by John F. Hopkins Citizen of the United States the undersigned, on the 29 day of April, 1921.

The length of this claim is 1500 feet, and I claim 1000 feet, in a Easterly direction and 500 feet in a Westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the East to the West.

The claim is situated and located in the Walnut Grove Mining District, in Yavapai County, in the State of Arizona, about 2 miles in a Westerly direction from the old Neat Ranch on the Hassayampa R. and side lining the Portland No. 1 and No. 2 Mining claims.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at A Monument at a point in a Easterly direction 1000 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence Southerly 300 feet to a Monument, being the South East corner of said claim; thence westerly 1500 feet to a Monument, being at the South west corner of said claim; thence Northerly 300 feet to a Monument at the center of the West end of said claim; thence North-erly 300 feet to a Monument being at the Northwest corner of said claim; thence Easterly 1500 feet to a Monument at the North East corner of said claim; thence Southerly 300 feet to the place of beginning.

Dated and posted on the ground this 29 day of April, 1921.

John F. Hopkins.

Filed and Recorded at Request of John F. Hopkins, July 19th, A. D. 1921 at 1:45 o'clock P. M., Book 117 of Mines, Page 587, Records of Yavapai County, Arizona.

(SEAL)

By E. A. McSWIGGIN, County Recorder.
James W. Coyne, Deputy Recorder.

STATE OF ARIZONA,)
 (ss
COUNTY OF YAVAPAI.)

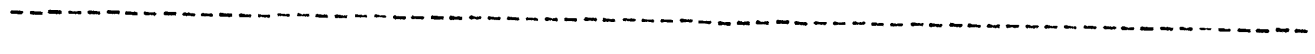
BOOK 3854

I, GRACE CHAPMAN, County Recorder in and for the County of Yavapai, State of Arizona, and custodian of the records of said office, do hereby certify that the foregoing are full, true and correct copies of Notice of Mining Location, Lode Claim of the Portland No. 1, Portland No. 2 and Portland No. 3 Mining Claims, filed for record Jan. 4, 1915, Jan. 4, 1915 and July 19th, 1921, and as the same appear of record in my office in Books 96 and 117 of Mines, at pages 518, 519 and 587, respectively, and of the whole thereof.

(SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of my office, in the City of Prescott, County of Yavapai, State of Arizona, this Third day of June, A. D. 1926.

Grace Chapman,
County Recorder of Yavapai County, Arizona.



CERTIFICATE OF UNITED STATES SURVEYOR.

I, Benjamin J. Kinsey, U. S. Surveyor, hereby certify upon honor that, in pursuance ^{supplemental} of special instructions received from the District Cadastral Engineer, for Group 140, Arizona bearing date of the 14th day of June, 1927, 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 parts or portions of the Portland No.1, Portland No.2, and Portland No.3 lode mining claims and resurveyed all those parts or portions of the West Boundary and Subdivision Lines of Township 11 North, Range 3 West of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 1 hereof} as having been executed by me, and under my direction; and that all the corners of said survey ^{and resurvey} 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 Group 140, Ariz. and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. and resurvey.
 Place: Phoenix, Arizona.
 Date: JUN 27, 1929.

Benjamin J. Kinsey
 U.S. Surveyor.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
 Denver, Colo. November 8, 1929.

The foregoing field notes of the survey of the Portland No.1, Portland No.2, and Portland No.3 lode mining claims and of the resurvey of Part of the West Boundary and Part of the Subdivision Lines of Township 11 North, Range 3 West, of the G. & S.R., B. & M., Arizona executed by Benjamin J. Kinsey, U.S. Surveyor under ^{supplemental} special instructions dated June 14, 1927 for Group 140, Arizona, 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.

Frank A. Johnson
 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.~~