

# FIELD NOTES

OF THE RESURVEY OF

Part of the South Boundary and  
Part of the Subdivision Lines of  
Township 19 South, Range 22 East

AND OF THE SURVEY OF

Morning Star Millsite Location in  
Section 33  
Township 19 South, Range 22 East

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 Nov. 19, 1926, issued by the District Cadastral Engineer to govern surveys included in Group No. 142, Arizona, which were approved by the Commissioner of the General Land Office, Dec. 6, 1926, and Assignment Instructions dated Feb. 1, 1927.

Resurvey and Survey commenced April 13, 1927

Resurvey and Survey completed April 15, 1927

3828

3828

# INDEX DIAGRAM.

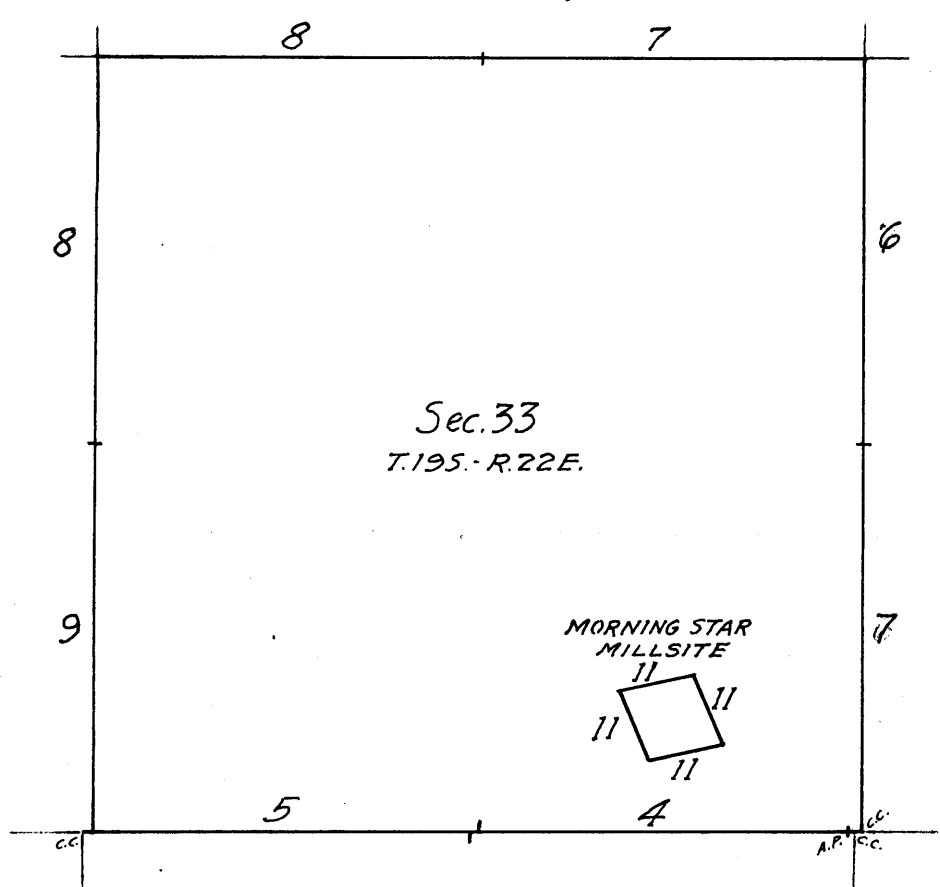
Township \_\_\_\_\_, Range \_\_\_\_\_

6	5	4	3	2	1
7	8	9	10	11	12
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INDEX-DIAGRAM

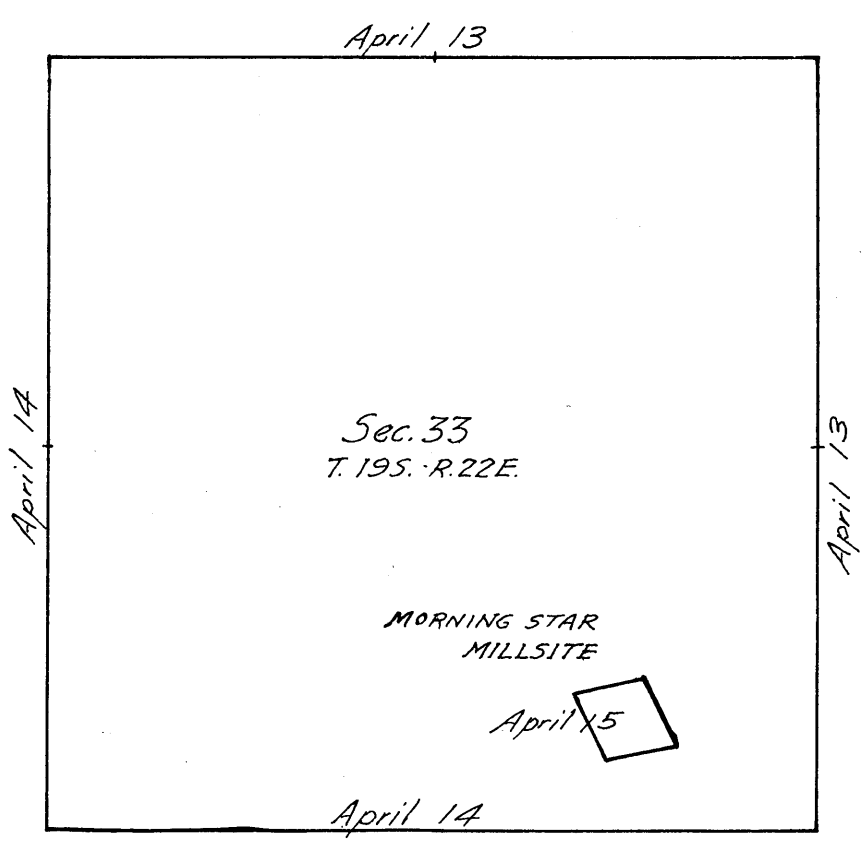
BOOK 3828



- Surveyed under this group.
- Resurveyed under this group.
- Accepted surveys, retracements or resurveys

BOOK 3828

DATE-DIAGRAM 1927.



- Surveyed by Charles E. Hunter, U.S. Transitman, on dates shown thereon.
- Resurveyed by Charles E. Hunter, U.S.T. on dates shown thereon.

The resurveys and surveys herein described were executed on dates shown on diagram on page 1 hereof by Charles E. Hunter, U.S. Transitman, using Buff transit No. 10125.

The instrument is equipped with Smith solar attachment and otherwise conforms to the standard requirements of the General Land Office.

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 ESTABLISHMENT OF MERIDIAN.  
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April 11, 1927; at the N.  $\frac{1}{4}$  sec. cor. of sec. 4, T. 20 S., R. 22 E., G. & S. R. B. & M., Arizona, latitude  $31^{\circ}43\frac{1}{2}'$  N., longitude  $110^{\circ}5\frac{1}{2}'$  W., examine the adjustments of the transit and find no errors.

April 11, 1927; at 6h. 13m., p.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack in a stake driven firmly in the ground about 5 chs. N.

Azimuth of Polaris at western elongation =  $1^{\circ}16'41''$

April 12, 1927; lay off the azimuth of Polaris  $1^{\circ}16\frac{1}{2}'$  to the east and mark the meridian thus determined by a tack in a stake driven firmly in the ground about 5 chs. N.

All bearings described in the following notes are determined by deflection from the above described meridian.

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

All measurements are made on the slope, the vertical angles determined by clinometer, and the slope measurements properly reduced to horizontal distances for entry in the field notes.

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Resurvey of part of the S. Bdy. of T.19 S., R.22 E. 3

Chains

The South Boundary of T.19 S., R.22 E., was surveyed by T.F.White, U.S.D.S., in 1881, establishing corners thereon with a common reference to areas on both sides of the line. In May, 1905, J.F.Hesse, U.S.D.S., resurveyed the S. bdr's. of secs. 34 and 35, reconstructing the  $\frac{1}{4}$  sec. cors. on such portions of the line and in connection with the survey of the subdivisional lines of T. 20 S., R.22 E., established closing cor. secs. 3 and 4 on S. Bdy. of sec. 34, thereby changing the original cor. secs. 3, 4; 33 and 34 to refer to secs. 33 and 34 only, but retaining the original common reference of all other cors. on such portion of the line.

In July, 1905, John M. Ingalls, U.S.D.S., retraced the entire line and in connection with his survey of part of the subdivisional lines of T.19 S., R.22 E., established closing cors. on the West four miles of the line thereby changing the reference of all cors. on such portion of the line, except the cor. secs. 33 and 34, to refer to the areas in T.20 S., R.22 E., only. The cor. secs. 33 and 34 became an angle point by the establishment of the closing cor. secs. 33 and 34. No other retracements or resurvey of this line is of record.

The following notes describe a resurvey of the S. Bdy. of sec. 33.

Retracement.

- 0.98 From the corner of sections 4 and 5, T.20 S., R.22 E., hereinafter described. S.  $89^{\circ}56'$  E., on random line, on N. Bdy. of sec. 4. ( $W\frac{1}{2}$ .) Intersect the closing cor. secs. 32 and 33, T.19 S., R. 22 E., hereinafter described.
- 40.21 Fall 1 lk. S. of the original  $\frac{1}{4}$  sec. cor. sec. 4, hereinafter described. True course and dist. of the  $W\frac{1}{2}$  of N. Bdy. sec. 4 are therefore N.  $89^{\circ}57'$  W., 40.21 chs.
- 40.19 Thence, S.  $89^{\circ}56'$  E., on random line, on N. Bdy. sec. 4 ( $E.\frac{1}{2}$ .) Fall 2 lks. N. of the angle point hereinafter described. True course and dist. of the  $E\frac{1}{2}$  of N. Bdy. sec. 4 are therefore N.  $89^{\circ}54'$  W., 40.19 chs.
- 0.80 Thence, S.  $89^{\circ}42'$  E., on random line on part of S. Bdy. sec. 33. Intersect the closing cor. secs. 3 and 4, T.20 S., R.22 E., hereinafter described. Continue line and measurement.
- 1.00 Intersect the closing cor. secs. 33 and 34, T.19 S., R.22 E., hereinafter described. True course and dist. of this part of the S. Bdy. sec. 33 are therefore N.  $89^{\circ}42'$  W., 1.00 chs.

Resurvey.

The original closing cor. secs. 33 and 34, T.19 S., R.22 E., is a stone 6 x 12 x 6 ins. above ground, firmly set, properly mkd. and witnessed by a md. stone N. of cor. No bearing trees.

Reconstruct this cor. monument by setting an iron post 3 ft. long, 2 ins. in diam., 2 ins. in the ground to bedrock, alongside the original cor. stone, supported by a md. stone, with brass cap mkd.

Resurvey of part of the S. Bdy. of T.19 S., R.22 E.

Chains

T19S R22E  
 S33 S34  
 C C  
 S 3  
 T20S R22E  
 1927

Thence,  
 N. 89°42'W., on true line, on S. Bdy. sec. 33.

- 0.20 Over rolling land, thru scattering undergrowth.
  - Intersect the original closing cor. secs. 3 and 4, T.20 S., R.22 E., which is a stone 15 x 9 x 8 ins. above ground, firmly set, properly mkd. and witnessed by md. stone S.
  - 1.00 Intersect the angle point which is a stone 12 x 6 x 6 ins. above ground, firmly set, properly mkd. and witnessed by md. stone N.
- Reconstruct this A.P. by setting an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, alongside old cor. stone, with brass cap mkd.

AP

1927

Thence,  
 N. 89°54'W., on true line, on S. Bdy. sec. 33, continuing measurement.

- 1.95 Road; brs: NE-SW.
- 7.80 Wire fence, brs. N-S.
- 8.70 Old Stamp Mill; brs. N. about 1.50 chs: dist.
- 14.10 Wash, 10 lks. wide, course NW.
- 18.20 Wash, 100 lks. wide, course N.
- 32.45 Wire fence, brs. NW-SE.
- 40.03 Set an iron post 3 ft. long, 1 in. in diam., 30 ins. in the ground for the witness cor. to the 1/4 sec. cor. sec. 33; with brass cap mkd.

WC 1/4 S 33  
 20

1927

No trees available; raise a md. stone 3 ft. base, 2 ft. high N. of cor.  
 The SE corner of base of Schiefflein Monument brs. N. 1°15'W., 169 lks. dist.

- 40.21 (midpoint on S. Bdy. sec. 33, true pt. for the 1/4 sec. cor. falls in center of road, which brs. N-S, where it is impracticable to monument the corner.)
  - 41.19 Intersect the original 1/4 sec. cor. sec. 4, which is a granite stone 6 x 10 x 12 ins. above ground, firmly set, properly mkd. and witnessed by md. stone S: of cor. From which, Schiefflein Monument brs. N. 30 1/4° E., 218 lks. dist.
- Reconstruct this 1/4 sec. cor. monument by setting an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, alongside old stone cor., supported by a md. stone, with brass cap mkd.

1/4 S 4

1927

Resurvey of part of the S. Bdy. of T.19 S., R.22 E. 5

Chains

Thence,  
 N. 89° 57' W., on true line, continuing measurement.  
 Desc. 70 ft. over gradual W. slope.  
 43.20 State Hgy., brs. NW-SE.  
 46.80 Old road, brs. NW-SE.  
 70.90 Sandy wash, 30 lks. wide, course NW.  
 Asc. 25 ft. over NE slope to  
 80.42 Intersect the original closing cor. secs. 32 and 33, T. 19 S., R.22 E., which is a stone 8 x 6 x 4 ins. above ground, firmly set and mkd. with CC on N., 4 grooves on E. and 2 grooves on W. faces, and witnessed by md. stone N. of cor.

Reconstruct this cor. monument as follows:  
 Alongside old cor. set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. secs. 32 and 33, with brass cap mkd.

T19S	R22E
S32	S33
C	C

T20SR22E  
 S4  
 1927

Land, rolling.  
 Soil, rocky 4th. rate.  
 Timber, none.  
 Undergrowth, greasewood and cacti.

From above described closing cor. of secs 32 and 33 the cor. of secs. 4 and 5, T.20S, R.22E. brs. N.89° 57' W., 98 lks. dist., which is a stone 4 x 10 x 5 ins. above ground, firmly set, mkd. with 4 grooves on the E., and 2 grooves on the W. faces. and witnessed by a md. stone S. of cor.

Reconstruct this cor. monument as follows:  
 Alongside old cor. stone, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. secs. 4 and 5, with brass cap mkd.

T19S	R22E
S32	

S5	S4
T20S	R22E
1927	

## 6 Resurvey of part of the Subdivision Lines of T.19 S., R.22 E.

Chains							
40.02	From closing cor. secs. 33 and 34, on S. Bdy., of Tp., hereinbefore described. N.0° 2'W., on random line, bet. secs. 33 and 34. (S $\frac{1}{2}$ .) Fall 6 lks. E. of the original $\frac{1}{4}$ sec. cor. secs. 33 and 34, hereinafter described. True course and dist. of the S $\frac{1}{2}$ of line bet. secs. 33 and 34 are therefore S.0° 7'E., 40.02 chs.						
39.92	Thence, N.0° 2'W., on random line, bet. secs. 33 and 34 (N $\frac{1}{2}$ .) Fall 6 lks. E. of the original cor. secs. 27, 28, 33 and 34, hereinafter described. True course and dist. of the N $\frac{1}{2}$ of line bet. secs. 33 and 34 are therefore S.0° 7'E., 39.92 chs.						
40.15	N.89° 56'W., on random line, bet. secs. 28 and 33 (E $\frac{1}{2}$ .) Fall 6 lks. S. of the original $\frac{1}{4}$ sec. cor. secs. 28 and 33, hereinafter described. True course and dist. of the E $\frac{1}{2}$ of line bet. secs. 28 and 33 are therefore N.89° 51'W., 40.15 chs.						
40.13	Thence, N.89° 56'W., on random line, bet. secs. 28 and 33 (W $\frac{1}{2}$ .) Fall 26 lks. S. of the original cor. secs. 28, 29, 32 and 33, hereinafter described. True course and dist. of the W $\frac{1}{2}$ of line bet. secs. 28 and 33 are therefore N.89° 34'W., 40.13 chs.						
40.00	S.0° 2'E., on random line, bet. secs. 32 and 33. (Record distance.) Find no evidence of the original $\frac{1}{4}$ sec. cor. secs. 32 and 33.						
80.31	Continue line and measurement. Fall 2 lks. W. of the closing cor. secs. 32 and 33, on S. Bdy. of Tp., hereinbefore described. True course and dist. of line bet. secs. 32 and 33 are therefore S.0° 3'E., 80.31 chs., which, to maintain original proportion bet. cor. intervals, gives 40.18 chs. for the N $\frac{1}{2}$ and 40.13 chs. for the S $\frac{1}{2}$ .						
RESURVEY.							
The original cor. secs. 27, 28, 33 and 34, is a stone 10 x 8 x 5 ins. above ground, firmly set, and mkd. with 1 notch on S. and 4 notches on E. faces, and witnessed by md. stone W. of cor. Reconstruct this cor. as follows: Alongside old cor. stone, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. secs. 27, 28, 33 and 34, with brass cap mkd.							
<table border="1"> <tr> <td>T19S</td> <td>R22E</td> </tr> <tr> <td>S28</td> <td>S27</td> </tr> <tr> <td>S33</td> <td>S34</td> </tr> </table>		T19S	R22E	S28	S27	S33	S34
T19S	R22E						
S28	S27						
S33	S34						
7.60	Thence 1927						
11.50	S.0° 7'E., on true line, bet. secs. 33 and 34 (N $\frac{1}{2}$ ) Over rolling land, thru scattering undergrowth.						
14.85	Desc. 35 ft. over SE slope.						
17.20	Wash, 20 lks. wide, 1 ft. deep, course NW. Wash, 20 lks. wide, 2 ft. deep, course NW. Road, brs. NE-SW. Same road, brs. NW-SE.						



8823

Resurvey of part of the Subdivision Lines of T.19 S., R.22 E. 9

Chains  
 11.00  
 18.00  
 25.00  
 40.13

Timber, none.  
 Undergrowth, greasewood, catclaw and cacti.  
 Thence,  
 S.0° 3'E., on true line, bet. secs. 32 and 33, (S½.)  
 Asc. 25 ft. over NW slope.  
 Desc. 10 ft. over SW slope.  
 Enter wash, course NW.  
 Leave wash, to SE.  
 Asc. 45 ft. over gradual N. slope to  
 Intersect the closing cor. secs. 32 and 33 on S. Bdy.,  
 of Tp., hereinbefore described.

Land, rolling.  
 Soil, rocky 4th. rate.  
 Timber, none.  
 Undergrowth, greasewood, catclaw and cacti.

Boundaries of sec. 33, T.19 S., R.22 E.  
 Latitudes, Departures and Closing Errors.

Line designated.	True Course.	Dist- ance.	Latitudes		Departures	
			N.	S.	E.	W.
South Bdy. of Sec. (South Bdy. of Tp.)	N. 89° 42' W.,	1.00				1.00
	N. 89° 54' W.,	40.19	.07			40.19
	N. 89° 57' W.,	39.23	.03			39.23
West Bdy.	N. 0° 3' W.,	80.31	80.31			.07
North Bdy.	S. 89° 34' E.,	40.13		.30	40.13	
	S. 89° 51' E.,	40.15		.11	40.15	
East Bdy.	S. 0° 7' E.,	79.94		79.94	.16	
	S. 0° 7' E.,	39.02		39.02	.03	
Convergency					.01	
Totals			80.41	80.35	80.45	80.49
			80.35	80.35		80.45
Error in lat. -----			0.06	0.01		0.04
Error in dep. -----						0.04

10. Segregation Survey of the Morning Star Millsite.

Chains

The following notes describe the survey of the Morning Star Millsite, for the purpose of segregating the same from the lands of sec. 33, T.19 S., R.22 E.

Retracement for survey.

- 7.46 From the SE cor. of the location, hereinafter described. S.77°28'W., on the SE side line, towards flag visible on the SW cor. Intersect the SW cor. of the location, hereinafter described. True course and dist. of the SE side line are therefore S.77°28'W., 7.46 chs.
- 8.26 N.21°53'W., on the SW side line, towards flag visible on the NW cor. Intersect the NW cor. of the location, hereinafter described. True course and dist. of the SW side line are therefore N.21°53'W., 8.26 chs.
- 7.17 N.81°17'E., on the NW side line, towards flag visible on the NE cor. Intersect the NE cor. of the location, hereinafter described. True course and dist. of the NW side line are therefore N.81°17'E., 7.17 chs.
- 7.86 S.24°37'E., on the NE side line, towards flag visible on the SE cor. Intersect the SE cor. of the location, hereinafter described. True course and dist. of the NE side line are therefore S.24°37'E., 7.86 chs.

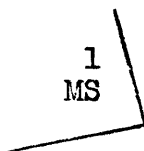
Survey.

In the survey of the Millsite described in the following notes, the NE, SE and SW location cors. are reconstructed and become permanent cors. of the Millsite and the NE and SE side lines of the location are identical with the NE and SE side lines of the Millsite. The NW cor. of the Millsite is established on the SW side line of the location at such dist. from NW location cor. as will produce an area not to exceed 5.00 acres in the Millsite.

The SE location cor. is a pine post 4 ins. square, firmly set, and projecting 3 ft. above ground, mkd. on NW face 2-MS.

Reconstruct this cor. as follows:

Remove pine post and in same position set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the Cor. No.1 of the Millsite, with brass cap mkd.



1927

Raise a md. stone 3 ft. base, 1 1/2 ft. high NW of cor. From cor. No.1, the closing cor. secs. 33 and 34, on S. Bdy., of Tp., brs. S.58 1/4°E., 16.81 chs. dist.

Resurvey of part of the Subdivision Lines of T.19 S., R.22 E 7

Chains

23.70 Wash, 20 lks. wide, course NW.  
Asc. 50 ft. over NE slope.

35.00 Low ridge, brs. NW-SE.  
Desc. 12 ft. over S. slope to

39.92 Intersect the original  $\frac{1}{4}$  sec. cor. secs. 33 and 34, which is a stone 9 x 9 x 9 ins. above ground, firmly set, and mkd.  $\frac{1}{4}$  on W. face, witnessed by md. stone W. of cor. Reconstruct this cor. monument as follows: Alongside old cor. stone, set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the  $\frac{1}{4}$  sec. cor. secs. 33 and 34, with brass cap mkd.

$\frac{1}{4}$   
 S33 | S34  
 1927

Land, rolling.  
Soil, rocky 4th. rate.  
Timber, none.  
Undergrowth, greasewood and cacti.

Thence,  
S.0° 7'E., on true line, bet. secs. 33 and 34 (S $\frac{1}{2}$ .)  
Over rolling land, thru scattering undergrowth.

20.00 A house, brs. W., about 4 chs. dist.

20.80 Road, brs. E-W.

25.50 N. bank of wash, 3 ft. high, brs. E-W.

26.00 Center of wash, course W.

27.00 S. bank of wash, brs. E-W.  
Asc. 65 ft. over gradual N. slope.

28.55 Telegraph line, brs. NW-SE.

29.25 R.R. track, brs. NW-SE.

38.00 Spur, slopes W.  
Desc. 13 ft. over S. slope.

39.45 Road, brs. NW-SE.

40.02 Intersect the closing cor. secs. 33 and 34, on N. Bdy., of Tp., hereinbefore described.

Land, rolling.  
Soil, rocky 4th. rate.  
Timber, none.  
Undergrowth, greasewood and cacti.

From cor. secs. 27, 28, 33 and 34.  
N.89°51'W., on true line, bet. secs. 28 and 33 (E $\frac{1}{2}$ ).  
Over rolling land, thru scattering undergrowth.  
Desc. 65 ft. over gradual SW slope to  $\frac{1}{4}$  sec. cor.

4.00 Shallow wash, 10 lks. wide, course SW.

16.70 Shallow wash, 10 lks. wide, course SW.

22.20 Wash, 20 lks. wide, 2 ft. deep, course NW.

27.80 Same wash, course SW.

35.30 Same wash, course NW.

40.15 Intersect the original  $\frac{1}{4}$  sec. cor. secs. 28 and 33, which is a stone 10 x 8 x 4 ins. above ground, firmly set, mkd.  $\frac{1}{4}$  on N. face, and witnessed by md. stone N. Reconstruct this cor. monument as follows: Alongside old stone cor. set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for the  $\frac{1}{4}$  sec. cor. secs. 28 and 33, with brass cap mkd.

## 8 Resurvey of part of the Subdivision Lines of T.19 S., R.22 E.

Chains

$$\frac{1}{4} \begin{array}{c} S 28 \\ S 33 \\ 1927 \end{array}$$

Land, rolling.  
Soil, rocky 4th. rate.  
Timber, none.  
Undergrowth, greasewood, catalpa and cacti.

Thence,  
N. 89° 34' W., on true line, bet. secs. 28 and 33 (W $\frac{1}{2}$ .)  
Over rolling land, thru scattering undergrowth.

1.10 Wash, 20 lks. wide, course NW.  
7.70 Wash, 30 lks. wide, course SW.  
Asc. 15 ft. over SE slope.  
10.00 Desc. 15 ft. over SW slope.  
13.80 Wash, 20 lks. wide, course SW.  
Over level land.  
34.00 Asc. 25 ft. over E. slope.  
38.60 Desc. 10 ft. over W. slope to  
40.13 Intersect the original cor. secs. 28, 29, 32 and 33, which  
is a stone 9 x 6 x 9 ins. above ground, firmly set and  
mkd. 1 notch on S. and 4 notches on E. faces, witnessed  
by md. stone W.  
Reconstruct this cor. monument as follows:  
Alongside the old cor. stone set an iron post 3 ft. long,  
2 ins. in diam., 24 ins. in the ground for the cor. secs.  
28, 29, 32 and 33, with brass cap mkd.

T19S	R22E
S29	S28
S32	S33

1927

Land, rolling and level.  
Soil, rocky 4th. rate.  
Timber, none.  
Undergrowth, greasewood and cacti.

8.10 S. 0° 3' E., on true line, bet. secs. 32 and 33 (N $\frac{1}{2}$ )  
Over rolling land, thru scattering undergrowth  
Desc. 35 ft. over S. slope.  
Wash, 50 lks. wide, course W.  
Asc. 50 ft. over N. slope.  
21.00 Low ridge, brs. E-W.  
Desc. 60 ft. over SW slope.  
32.70 R.R. Track, brs. NW-SE.  
34.25 State Hgy., brs. NW-SE.  
35.15 Telegraph line, brs. NW-SE.  
36.30 N. bank of wash, 3 ft. high, brs. NW-SE.  
40.00 S. bank of wash, 3 ft. high, brs. NW-SE.  
Asc. slight N. slope to  
40.18 Proportional point for the  $\frac{1}{4}$  sec. cor.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground for the reestablished  $\frac{1}{4}$  sec. cor. secs.  
32 and 33, with brass cap mkd.

$$\frac{1}{4} \begin{array}{c} S32 \\ S33 \end{array}$$

1927

Raise a md. stone 3 ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.

Land, rolling.  
Soil, rocky 4th. rate.  
Timber, none.  
Undergrowth, catalpa, greasewood and cacti.

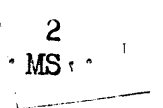
Chains

Thence,  
S.77°28'W., on true line, on the SW side line of the  
Millsite.

7.46 Intersect the SW cor. of the location, which is a pine post  
4 ins. square, firmly set, projecting 3 ft. above ground,  
mkd. on NE face 3 MS

Reconstruct this cor. as follows:

Remove post and set an iron post 3 ft. long, 1 in. in diam.,  
in same position, 12 ins. in the ground to bedrock, dep-  
osit a stone mkd. with a cross (X) at base of post, sup-  
ported by a md. stone, for cor. No.2 of the Millsite,  
with brass cap mkd.



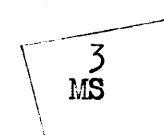
1927

from which,

the  $\frac{1}{4}$  sec. cor. sec. 4, T.20 S., R.22 E., brs. S.70°  
07'W., 20.77 chs. dist.

Thence,  
N.21°53'W., on true line, on the SW side line of the Mill-  
site.

6.10 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the  
ground for the cor. No.3 of the Millsite, with brass  
cap mkd.



1927

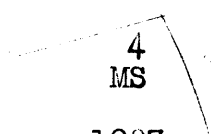
Raise a md. stone 3 ft. base, 1½ ft. high SE of cor.  
Destroy the original NW location cor., which brs. N.21°  
53'W., 2.16 chs. dist.

Thence,  
N.63°48'E., on true line, on the NW side line of the Mill-  
site.

7.00 Intersect the NE cor. of the location which is a pine post  
4 ins. square, firmly set and projecting 3 ft. above  
ground, mkd. on the SE, 3-MS

Reconstruct this cor. as follows:

Remove the post, and set an iron post 3 ft. long, 1 in.  
in diam., in same position, 12 ins. in the ground to  
bedrock, deposit a stone mkd. with a cross at base of  
post, supported by a md. stone, for cor. No.4 of the  
Millsite, with brass cap mkd.



1927

Thence,  
S.24°37'E., on true line, on the NE side line of the  
Millsite.

7.86 Intersect Cor. No.1 hereinbefore described.

Boundaries of the Morning Star Millsite.  
Latitudes, Departures and Closing Errors.

Line designated	True Course	Dist- ance.	Latitudes		Departures	
			N.	S.	E.	W.
Southeast side line.	S.77°28'W.	7.46		1.62		7.28
Southwest side line.	N.21°53'W.	6.10	5.66			2.27
Northwest side line.	N.63°48'E.	7.00	3.09		6.28	
Northeast side line.	S.24°37'E.	7.86		7.14	3.27	
<u>Totals</u>			8.75	8.76	9.55	9.55
				8.75		9.55
			Error in lat. ----- 0.01			
			Error in dep. -----		0.00	

(Book 1, Mill-Sites - Page 559 - Records of Cochise Co., Arizona, at Tombstone - Co. Seat of said Co.) Ct. 6332.

Location Notice of The 1 October 1912 Mill-Site Claim and Water Right

Know all men by these presents that Herman Trappman the undersigned, have this day located a Mill-Site for the purpose of erecting suitable works for reducing the ores of the Morning Star Mining Claim, situated in Tombstone Mining district, Cochise County, State of Arizona. The exterior boundaries of said - - - - - Mill-Site claim are as follows, viz:

Commencing at a monument of stone at N. E. corner of claim and running thence in a westerly direction, 466 1/2 feet to a monument of stone at N. W. corner of claim, thence in a southerly direction, 466 1/2 feet to a monument of stones at S. W. corner of claim, thence in an Easterly direction, 466 1/2 feet to monument of stone at the S. E. corner of claim, thence in a northerly direction, 466 1/2 feet to monument of stone at N. E. corner of claim and place of beginning.

This location may be more generally described as being situated about 3 miles Northwest of the City of Tombstone.

That we have also located in connection with the said Mill-Site claim - - - - - inches miners measure of the water of this - - - - - under and in accordance with the laws of the Territory of Arizona, regulating the location and possession of water rights- - - The dimensions of the ditch for diverting the water from its natural course at the head being as follows- - - - - wide at the top, - - - - - wide at bottom, - - - in depth, with a uniform grade of - - - - - to the rod.

Dated on the ground, this 1, day of October, 1912. Herman Trappman

Witness: Oskar Gast

Filed and recorded at request of Herman Trappman, Nov. 6, 1912 at 1 P. M. By H. L. Hutchison, Deputy. Owen E. Murphy County Recorder.

Prepared by H P Merrill U S Commissioner, Tombstone Ariz. UNOFFICIAL FORM.

DEPARTMENT OF THE INTERIOR UNITED STATES LAND OFFICE

IN RE: Lots 1 and 2, N 1/2 SE 1/4, Sec. 33)
Lots 3, 4, N 1/2 SW 1/4 )
Section 34, Township 19-S )
Range 22-E G & S R Meridian, )
Cochise County, Arizona. )

Serial No. 043113
Certified Copy of MORNING STAR MILLSITE

Before me, H P Merrill, United States Commissioner, residing at Tombstone, Cochise County, Arizona, on this 15th day of March, 1926 personally appeared Frances Helen McClelland, who being duly sworn deposes and states: The attached two sheets contains a true, full, correct and exact copy of the Location Notice of the Morning Star Millsite, dated October 1st, 1912, signed by Herman Trappman, and recorded in the Office of the County Recorder of Cochise County, State of Arizona, as the same appears on Page 559 of Book 1, Record of Millsites of Cochise County, State of Arizona; That I copied the same from the said records myself and I personally know that the same is the true, full and correct copy thereof. The above is true; SO HELP ME GOD

(S) Frances Helen McClelland.

I HEREBY CERTIFY that the foregoing affidavit was read to or by affiant in my presence before affiant affixed signature thereto; that I verily believe affiant to be the identical person hereinbefore described, and that said affidavit was duly subscribed and sworn to before me in Tombstone, County of Cochise, State of Arizona, this 15 day of March, 1926

(SEAL)

H. P. Merrill, United States Commissioner





CERTIFICATE OF UNITED STATES SURVEYOR.

16

I, Charles E. Hunter U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Civil Engineer for Group 142, Arizona bearing date of the 19th day of November, 1926, 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, resurveyed all those parts or portions of the South Boundary and Subdivision Lines of Township 19 South, Range 22 East and surveyed all those parts or portions of the Morning Star Millsite location in Section 33 of Township 19 South, Range 22 East 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 resurvey and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Civil Engineer for Group 142, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

Place: Phoenix Arizona
Date: April 25, 1928.

Charles E. Hunter
U.S. Transitman U.S. Surveyor

APPROVAL.

OFFICE OF THE UNITED STATES SUPERVISOR OF SURVEYS,

Denver Colo., October 26, 1928.

The foregoing field notes of the resurvey of Part of the South Boundary and Part of the Subdivision Lines of Township 19 South, Range 22 East and of the survey of the Morning Star Millsite location in Section 33 of Township 19 South, Range 22 East of the Gila and Salt River Base and Meridian, in the State of Arizona executed by Charles E. Hunter, U.S. Transitman under his special instructions dated Nov. 19, 1926 for Group 142, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys and surveys they describe, are hereby approved.

Wm. H. 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.