

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4302

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Katherine J. Drew

Known As The

ACME No. 1, ACME No. 2, ACME No. 3 and ACME No. 4 lodes

Casa Grande Mining District,

Pinal County, Arizona

Sections 27, 28, 33 and Township 9 S., Range 3 E., G. & S.R.M.
34,

Surveyed under instructions dated April 17, 1946

by T. N. STEVENS
Mineral Surveyor.

Jan. 1, 1915, Sept. 16, 1925,
Claim located Aug. 15, 1932 and Aug. 15, 1932

Survey commenced April 22, 1946

Survey completed April 26, 1946

Address of claimant Katherine J. Drew, La Siesta Court
Casa Grande, Arizona.

DATES OF AMENDED LOCATIONS

March 26, 1946

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4302

Arizona Land District

FIELD NOTES

Of the survey of the Mining Claims of

Katherine J. Drew

known as the

ACME No. 1, ACME No. 2, ACME No. 3 and ACME No. 4 lodes

Casa Grande

Arizona

County

Final

Sections 27, 28, 29 and 30 Township 3 S., Range 7 E., G. & S. R. M.

Surveyed under conditions dated April 17, 1946

by T. A. STEVENS
Mineral Surveyor

Jan. 1, 1915, Sept. 16, 1925

Data located on 12, 1932 and Aug. 12, 1932

Survey commenced April 22, 1946

Survey completed April 26, 1946

Address of Kate Katherine J. Drew, La Brea Court
Casa Grande, Arizona

DATE OF REVISION LOCATION

March 26, 1946

SURVEY NO. 4302

1.

Feet

Mineral survey No. 4302 was made with a Buff & Buff light mountain transit, with horizontal limb 6 ins. diam. having two opposite verniers and full vertical circle, 5 ins. diam., having two opposite verniers. The verniers read to one minute of arc, together with auxiliary telescope. The instrument was in good condition at the time of the survey and all adjustments were in good order. A P.M. altitude observation of the sun for azimuth, and at noon on the meridian for latitude and time, were made on a line of the survey, the details of which observations are shown in the calculation sheets, herewith submitted for examination. All azimuths in this record are referred to the true meridian by the method of deflection angles and calculated courses.

The lines were measured with a Lufkin steel tape, 500 feet in length, graduated every foot, with the first and last foot graduations to tenths and hundredths. The tape was correct at the time of the survey.

All lines and connections of this survey were run directly upon the ground.

The magnetic variation observed at each corner of the survey gave a uniform value of $14^{\circ}45'E$.

ACME No. 1 lode.

Beginning at Cor. No. 1 of the Acme No. 1 lode, where I-

Set an iron post, 2 ins. diam., with lead cap on top, 24 ins. above the ground, 18 ins. in the ground, and surrounded by a mound of stone, stamped 1 A. No. 1, 2 A. No. 2 - 4302; from which

The cor. to Secs. 27, 28, 33 and 34, T. 9 S., R. 3 E. bears N. $31^{\circ}42'30''E$, 715.67 ft. dist.; consisting of a steel post 2 ins. diam. with brass cap, showing 2 ft. above ground, stamped T. 9 S. R. 3 E. S.27, S.28, S.33, S.34-1917.

No other bearing objects are available.

Thence S. $29^{\circ}10'E$.

160 Wash, 5 ft. wide, course southeasterly.

225 Road, bears southeasterly.

300.0 Intersect the lode line at the W. end center, where I-

Set an iron pipe, 2 ins. diam., 3 ft. high, set firmly in the ground and surrounded by a mound of stone, stamped W. Cr. A. No. 1.

600.0 To Cor. No. 2.

Set an iron pipe, 2 ins. diam., with lead cap on top, 24 ins. above ground, 18 ins. in the ground, and surrounded by a mound of stone, stamped 2 A No. 1- 4302.

No bearing objects are available.

Thence N. $60^{\circ}50'E$.

360 Road, bears southeasterly.

470 Gulch, 5 ft. wide, course southeasterly.

590 Gulch, 25 ft. wide, course southeasterly.

640 Road, bears northeasterly.

2.

SURVEY NO. 4302

Feet	
930	Same road, bears southeasterly.
1000	Road to claim, bears northwesterly.
1500.0	Cor. No. 3. Set an iron pipe, 2 ins. diam., with lead cap on top, 24 ins. above ground, 18 ins. in the ground, and surrounded by a mound of stone stamped 3 A. No. 1- 4302; from which U.S.M.M. No. 1 and Cor. No. 2. Sur. No. 640 Christmas Gift lode, claimant unknown, bears S. 68° 30' W., 753.07 ft. dist. No other bearings are available. Thence N. 29° 10' W.
300.0	Intersect the lode line at the E. end center, where I- Set an iron pipe, 2 ins. diam., by 4 ft. long, firmly in the ground and surrounded by a mound of stone, stamped E. Cr. A. No. 1.
540	Old road bears northeasterly.
600.0	Cor. No. 4. Set an iron pipe, 2 ins. diam., with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded by a mound of stone, stamped 4 A. No. 1, 3 A. No. 2-4302. No bearing objects are available. Thence S. 60° 50' W.
371.06	Intersect line 2-3 Sur. No. 640 Christmas Gift lode at a point from which Cor. No. 2 bears S. 7° 45' W., 624.8 ft. dist.
832.93	Intersect line 6-2 Sur. No. 640 Christmas Gift lode at a point from which Cor. No. 2 bears S. 39° 00' E., 506.98 ft. dist.
1020	Gulch, 20 ft. wide, course southeasterly.
1170	Old road, bears southeasterly.
1500.0	Cor. No. 1, and place of beginning. ACME NO. 2 lode. Beginning at Cor. No. 1 of the Acme No. 2 lode, where I- Set an iron pipe, 2 ins. diam., with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded by a mound of stone, stamped 1 A. No. 2, 1 A. No. 3-4302; from which The cor. to secs. 27, 28, 33 and 34, T. 9 S., R. 3 E. bears N. 82° 45' 40" E., 673.96 ft. dist.; previously described. No other bearing objects are available. Thence S. 29° 10' E.
7	Gulch, 5 ft. wide, course northeasterly.

SURVEY No. 4302

3.

Feet	
300.0	Intersect the lode line at the W. end center, where I- Set an iron pipe, 2 ins. diam., by 4 ft. high, firmly in the ground and surrounded by a mound of stone, stamped W. Cr. A No. 2.
600.0	Cor. No. 2, which is identical with Cor. No. 1 Acme No. 1 lode of this survey. Thence N. 60° 50' E.
330	Old road bears southeasterly.
480	Gulch, 20 ft. wide, course southeasterly.
667.07	Intersect line 6-2 Sur. No. 640 Christmas Gift lode at a point from which the point for Cor. No. 6 bears N. 39° 00' W., 55.02 ft. dist.
1128.94	Intersect line 2-3 Sur. No. 640 Christmas Gift lode at a point from which Cor. No. 2 bears S. 7° 45' W., 624.8 ft. dist.
1500.0	Cor. No. 3, which is identical with Cor. No. 4 Acme No. 1 lode of this survey. Thence N. 29° 10' W.
300.0	Intersect the lode line at the east end center, where I- Set an iron pipe, 2 ins. diam., by 4 ft. high, firmly in the ground and surrounded with mound of stone, stamped E. Cr. A. No. 2.
493.90	Intersect line 2-3 Sur. No. 640 Christmas Gift lode at a point from which Cor. No. 2 bears S. 7° 45' W., 1242.56 ft. dist.
600.0	Cor. No. 4. Set an iron pipe, 2 ins. diam., with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded by a mound of stone, stamped 4 A. No. 2, 4 A No. 3-4302. No bearing objects are available. Thence S. 60° 50' W.
502.81	Intersect line 5-6 Sur. No. 640 Christmas Gift lode at a point from which the point for Cor. No. 6 bears S. 2° 43' W., 642.77 ft. dist.
575	Limestone ridge, bears northwesterly and southeasterly.
1060	Old road, and gulch 20 ft. wide, bears southeasterly.
1440	Gulch, 5 ft. wide, bears northeasterly.
1500.0	Cor. No. 1, and place of beginning. ACME No. 3 lode. Beginning at Cor. No. 1 of the Acme No. 3 lode, which is identical with Cor. No. 1 Acme No. 2 lode of this survey. Thence N. 29° 10' W.
295	Gulch, 5 ft. wide, course easterly.

SURVEY No. 4302

4.

Feet	
300.0	Intersect the lode line at the W. end center, where I- Set an iron pipe, 2 ins. diam., by 4 ft. high, firmly in the ground and surrounded by a mound of stone, stamped W. Cr. A. No. 3.
600.0	Cor. No. 2. Set an iron pipe, 2 ins. diam., with lead cap on top, 24 ins. above ground, 18 ins. in the ground, and surrounded by a mound of stone, stamped 2 A. No. 3, 1 A. No. 4-4302. No bearing objects are available. Thence N. 60° 50' E.
920	Limestone ridge bears northwesterly and southeasterly.
1500.0	Cor. No. 3. Set an iron pipe, 2 ins. diam., with lead cap on top, 24 ins. above ground, 18 ins. in the ground, and surrounded by a mound of stone, stamped 3 A No. 3, 4 A No. 4-4302. No bearing objects are available. Thence S. 29° 10' E.
250.29	Intersect line 4-5 Sur. No. 640 Christmas Gift lode at a point from which the point for Cor. No. 5 bears N. 71° 40' W., 251.53 ft. dist.
300.0	Intersect the lode line at the E. end center, where I- Set an iron pipe, 2 ins. diam., by 4 ft. high, firmly in the ground, and surrounded by a mound of stone, stamped E. Cr. A. No. 3.
600.0	Cor. No. 4, which is identical with Cor. No. 4 Acme No. 2 lode of this survey. Thence S. 60° 50' W.
502.81	Intersect line 5-6 Sur. No. 640 Christmas Gift lode at a point from which the point for Cor. No. 5 bears N. 2° 43' E., 630.23 ft. dist.
575	Limestone ridge, bears northwesterly and southeasterly.
1060	Old road, and gulch 20 ft. wide, bears southeasterly.
1440	Gulch, 5 ft. wide, course northeasterly.
1500.0	To Cor. No. 1, and place of beginning. ACME NO. 4 lode. Beginning at Cor. No. 1 of the Acme No. 4 lode, which is identical with Cor. No. 2 Acme No. 3 lode of this survey; from which The cor. to Secs. 27, 28, 33 and 34, T. 9 S., R. 3 E., bears S. 65° 26' 50" E., 1056.48 ft. dist. Thence N. 29° 10' W.
30	Gulch, 30 ft. wide, course northeasterly.

SURVEY NO. 4302.

Feet	
300.0	Intersect the lode line at the W. end center, where I- Set an iron pipe, 2 ins. diam., by 4 ft. high, firmly in the ground, and surrounded by a mound of stone, stamped W. Cr. A. No. 4.
470	Gulch, 10 ft. wide, course northeasterly.
600.0	Cor. No. 2. Set an iron pipe, 2 ins. diam., with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded by a mound of stone, stamped 2 A No. 4-4302. No bearing objects are available. Thence N. 60° 50' E.
330	Gulch, 40 ft. wide, course northerly, thence easterly.
780	Summit of limestone ridge, extends southeasterly.
1500.0	Cor. No. 3. Set an iron pipe, 2 ins. diam., with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded by a mound of stone, stamped 3 A. No. 4-4302. No bearing objects are available. Thence S. 29° 10' E.
300.0	Intersect the lode line at the E. end center, where I- Set an iron pipe, 2 ins. diam., by 4 ft. high, firmly in the ground and surrounded by a mound of stone, stamped E. Cr. A. No. 4.
600.0	Cor. No. 4, which is identical with Cor. No. 3, Acme No. 3 lode of this survey. Thence S. 60° 50' W.
580	Summit of limestone ridge extends southeasterly.
1500.0	Cor. No. 1, and place of beginning.
LODE LINES.	
The presumed course of the vein of each of the several lode locations embraced in this survey, counted from the respective points of discovery is as follows:	
Acme No. 1 lode, N. 60° 50' E., 750.0 ft., and S. 60° 50' W., 750.0 ft.	
Acme No. 2 lode, N. 60° 50' E., 750.0 ft. and S. 60° 50' W., 750.0 ft.	
Acme No. 3 lode, N. 60° 50' E., 400.0 ft. and S. 60° 50' W., 1100.0 ft.	
Acme No. 4 lode, N. 60° 50' E., 700.0 ft. and S. 60° 50' W., 800.0 ft.	

SURVEY NO. 4302.

6.

AREAS.

Acres

Total area Acme No. 1 lode - - - - - 20.661

Area in conflict with:

Sur. No. 640 Christmas Gift lode - - - 2.648

Total area Acme No. 2 lode - - - - - 20.661

Area in conflict with:

Sur. No. 640 Christmas Gift lode - - - 7.366

Total area Acme No. 3 lode - - - - - 20.661

Area in conflict with

Sur. No. 640 Christmas Gift lode - - - 3.771

Total area Acme No. 4 lode - - - - - 20.661

LOCATION

This survey is located in the S.W. 1/4 Sec. 27, S.E. 1/4 Sec. 28, N.E. 1/4 Sec. 33 and the N.W. 1/4 Sec. 34, T. 9 S., R. 3 E.

This survey is identical with the respective amended location as marked on the ground.

EXPENDITURE OF \$500.

I certify that the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or her grantors is not less than \$500. and that said improvements consist of:

- No. 1 The discovery shaft of the Acme No. 1 lode, the center of which being the discovery point, is on the lode line 750 ft. from the center of line 1-2, 4 x 6 ft., 25 ft. deep.
Value, \$250.
- No. 2 A glory hole, 20 x 20 ft., 10 ft. deep, the center of which bears from Cor. No. 2 Acme No. 1 lode, N. 35° 15' E., 830 ft. dist.
Value, \$500.
- No. 3 A shaft, the center of which bears from Cor. No. 4, Acme No. 1 lode, S. 49° 30' W., 630.0 ft.; 4 x 6 ft., 12 ft. deep.
Value, \$120.
- No. 4 A shaft, the center of which bears from Cor. No. 1, Acme No. 1 lode, N. 63° E., 855.0 ft.; 4 x 6 ft. 8 ft. deep.
Value, \$100.
- No. 5 A shaft, the center of which bears from Cor. No. 1, Acme No. 1 lode, N. 62° E., 830 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100.
- No. 6 A shaft, the center of which bears from Cor. No. 4, Acme No. 1 lode, S. 29° 30' W., 175 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100.

SURVEY NO.. 4302.

7.

- | | |
|--------|--|
| No. 7 | A shaft, the center of which bears from Cor. No. 4, Acme No. 1 lode, S. 22° W., 118.0 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100. |
| No. 8 | A shaft, the center of which bears from Cor. No. 2, Acme No. 1 lode, N. 33° 30' E., 790.0 ft.; 4 x 6 ft., 15 ft. deep.
Value, \$150. |
| No. 9 | A shaft, the center of which bears from Cor. No. 2, Acme No. 1 lode, N. 31° 30' E., 735.0 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100. |
| No. 10 | A trench, the S. end of which bears from Cor. No. 2, Acme No. 1 lode, N. 37° 15' E., 715 ft.; 5 ft. wide, 3 ft. deep, running N. 33° E., 40 ft. to N. end.
Value, \$200. |
| No. 11 | A shaft, the center of which bears from Cor. No. 2 Acme No. 1 lode N. 43° E., 700.0 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100. |
| No. 12 | A shaft, the center of which bears from Cor. No. 2, Acme No. 1 lode, N. 43° 15' E., 740 ft.; 4 x 6 ft., 10 ft. deep.
Value, \$100. |
| No. 13 | A shaft, the center of which bears from Cor. No. 2 Acme No. 1 lode, N. 40° 43' E., 575 ft.; 4 x 6 ft., 15 ft. deep.
Value, \$150. |
| No. 14 | A trench, the S. end of which bears from Cor. No. 2 Acme No. 1 lode, N. 52° 45' E., 715 ft.; 4 ft. wide, 3 ft. deep, running N. 10° W., 25 ft. to N. end.
Value, \$50. |
| No. 15 | A trench, the S. end of which bears from Cor. No. 2 Acme No. 1 lode, N. 51° 30' E., 735 ft., 4 ft. wide, 3 ft. deep, running North 40 ft. to N. end.
Value, \$75. |
| No. 16 | A trench, the S. end of which bears from Cor. No. 2, Acme No. 1 lode, N. 52° 45' E., 750.0 ft.; 4 ft. wide, 3 ft. deep, running N. 20° E., 40 ft. to N. end.
Value, \$75. |
| No. 17 | A trench, the S. end of which bears from Cor. No. 2, Acme No. 1 lode, N. 55° E., 715.0 ft.; 4 ft. wide, 3 ft. deep, running N. 16° W., 40 ft. to N. end.
Value, \$75. |
| No. 18 | A shaft, the center of which bears from Cor. No. 3, Acme No. 1 lode, S. 69° 45' W., 660.0 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100. |
| No. 1 | The discovery shaft of the Acme No. 2 lode, the center of which being the discovery point is on the center line 750 ft. from the center of line 1-2; 4 x 6 ft., 8 ft. deep.
Value, \$100. |
| No. 2 | A shaft, the center of which bears from Cor. No. 2, Acme No. 2 lode, N. 45° E., 725.0 ft.; 4 x 6 ft., 12 ft. deep.
Value, \$120. |

8.

SURVEY No. 4302

- | | |
|-------|--|
| No. 3 | A shaft, the center of which bears from Cor. No. 1 Acme No. 2 lode, S. 67° E., 240.0 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100. |
| No. 4 | A shaft, on line 2-3 Acme No. 2 lode at N. 60° 50' E., 1025.0 ft. from Cor. No. 2; 4 x 6 ft., 8 ft. deep.
Value, \$100. |
| No. 1 | The discovery cut of the Acme No. 3, the face of which being the discovery point is on the center line, 400 ft. from the center of line 3-4; 5 ft. wide, 14 ft. face, running east 20 ft. to mouth. From mouth an open cut with 14 ft. face extends S. 40° E., 30 ft. to south end.
Value of cuts, \$200. |
| No. 2 | A cut, the mouth of which bears from Cor. No. 2, Acme No. 3 lode, N. 73° 10' E., 775 ft. dist.; 5 ft. wide, 6 ft. face, running N. 60° E., 20 ft. to face.
Value, \$75. |
| No. 3 | A shaft, the center of which bears from Cor. No. 2, Acme No. 3 lode, N. 64° E., 725.0 ft. dist.; 4 x 6 ft., 8 ft. deep.
Value, \$100. |
| No. 4 | A shaft on line 2-3 Acme No. 3 lode at N. 60° 50' E., 590 ft. from Cor. No. 2; 4 x 6 ft., 8 ft. deep.
Value, \$100. |
| No. 5 | A shaft, the center of which bears from Cor. No. 3, Acme No. 3 lode, S. 53° 30' W., 40.0 ft.; 4 x 6 ft.; 10 ft. deep.
Value, \$100. |
| No. 6 | A shaft, the center of which bears from Cor. No. 3, Acme No. 3 lode, S. 11° W., 270.0 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100. |
| No. 7 | A cut, the mouth of which bears from Cor. No. 3, Acme No. 3 lode, S. 11° W., 290.0 ft.; 3 ft. wide, 8 ft. face, running S. 45° W., 20 ft. to face.
Value, \$100. |
| No. 1 | The discovery shaft of the Acme No. 4 lode, the center of which being the discovery point is on the center line, 700 ft. from the center of line 3-4; 4 x 6 ft., 50 ft. deep, At 10 ft. below collar is an open cut 5 ft. wide, running N. 61° E., 30 ft. to a 15 ft. face. At 10 ft. below collar is a tunnel 4 x 6 ft. running S. 25° W., 10 ft. to mouth, thence in open cut, S. 25° W., 25 ft. to mouth of cut.
Value shaft, cuts and tunnel, \$2850. |
| No. 2 | A shaft, the center of which bears from Cor. No. 2 Acme No. 4 lode, N. 76° 45' E., 820.0 ft.; 4 x 6 ft. 10 ft. deep.
Value, \$100. |
| No. 3 | A shaft, the center of which bears from Cor. No. 2 Acme No. 4 lode, N. 73° 30' E., 785 ft.; 4 x 6 ft., 10 ft. deep.
Value, \$100. |
| No. 4 | A shaft, the center of which bears from Cor. No. 2 Acme No. 4 lode, N. 69° E., 645 ft.; 4 x 6 ft., 50 ft. deep.
Value, \$2500. |
| No. 5 | A shaft, the center of which bears from Cor. No. 2, Acme No. 4 lode, N. 85° 10' E., 560 ft.; 4 x 6 ft., 22 ft. deep.
Value, \$220. |

SURVEY No. 4302

9.

- No. 6 A shaft, the center of which bears from Cor. No. 2, Acme No. 4 lode, S. 89° E., 440.0 ft.; 4 x 6 ft., 10 ft. deep.
Value, \$100.
- No. 7 A cut, the mouth of which bears from Cor. No. 3 Acme No. 4 lode, S. 25° W., 440.0 ft.; 5 ft. wide, 8 ft. face, running S. 60° W., 15 ft. to face. From face is a tunnel 4 x 6 ft. running S. 60° W., 5 ft. to breast.
Value cut and tunnel, \$150.
- No. 8 A cut, the mouth of which bears from Cor. No. 3 Acme No. 4 lode, S. 25° 30' W., 480.0 ft.; 5 ft. wide, 12 ft. face, running S. 69° W., 28 ft. to face.
Value, \$125.
- No. 9 A cut the mouth of which bears from Cor. No. 3 Acme No. 4 lode, S. 23° W., 590.0 ft.; 5 ft. wide, 10 ft. face, running S. 55° W., 20 ft. to face.
Value, \$100.
- No. 10 A cut, the mouth of which bears from Cor. No. 3, Acme No. 4 lode, S. 18° 30' W., 580.0 ft.; 5 ft. wide, 10 ft. face, running S. 61° 30' W., 20 ft. to face. From face is a tunnel 4 x 6 ft. running S. 61° 30' W., 25 ft. to breast.
Value cut and tunnel, \$350.
- No. 11 A shaft, the center of which bears from Cor. No. 1, Acme No. 4 lode, N. 54° 30' E., 760.0 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100.
- No. 12 A shaft, the center of which bears from Cor. No. 1, Acme No. 4 lode, N. 56° 30' E., 800.0 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100.
- No. 13 A shaft, the center of which bears from Cor. No. 1, Acme No. 4 lode, N. 56° 30' E., 765.0 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100.
- No. 14 A shaft, the center of which bears from Cor. No. 1, Acme No. 4 lode, N. 58° 30' E., 590.0 ft.; 4 x 6 ft., 8 ft. deep.
Value, \$100.

An interest in a common improvement described as follows:

A shaft, the center of the collar of which bears S. 47° W., 730 ft. from Cor. No. 4 Acme No. 1 lode; partly timbered 5 x 8 ft. 450 ft. deep (approx.) with drifts and cross-cuts at the bottom to the north and south but impossible to measure as the shaft is full of water and therefore inaccessible at the time of survey.

Value of shaft alone \$45,000.00
Value 1/4 interest \$11,250.00

This improvement is in the course of construction for the development of the four lodes of this survey, which are all the lode claims owned in common within the range of benefit of said improvement.

The surface rises rapidly to the north from the collar of this shaft, so that drifting and cross-cutting, with the necessary laterals, affords the most practical and economical means of developing each of the stated lodes at depth.

Five hundred dollars or over has been expended in this

improvement in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore an undivided one fourth interest in its value is hereby credited to each of the said lodes.

No portion of or interest in this improvement has been credited heretofore as patent expenditure to any lode claim.

OTHER IMPROVEMENTS.

A shaft, the center of which bears from Cor. No. 4 Acme No. 1 lode, S. 52° 30' W., 660.0 ft.; 6 x 8 ft., 26 ft. deep.

Claimant unknown.

OTHER CORNER DESCRIPTIONS.

The 1/4 Cor. bet. Secs. 27 and 28, T. 9 S., R. 3 E., has been obliterated. The marked corner post was found lying on the ground in the vicinity of its original position, but no monuments or other evidence of its original position could be determined.

Sur. No. 640 Christmas Gift lode: No evidence of any of the original corners of this survey could be found or identified except Cor. No. 2 which is identical with U.S. Mineral Monument No. 1. Its conflict with this survey was therefore calculated from the record.

U.S.M.M. No. 1 is a very old pine post, 6 x 6 ins., showing 6 ft. above ground in mound of stone, scribed U.S.M.M. No. 1. From this mon. a round hole cut in limestone outcrop bears about N. 6° 30' W., 96.0 ft. dist. chiseled U.S.M.M. No. 1 - R.P.

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by T.N. Stevens

Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of Katherine J. Drew

known as the Acme No.1, Acme No.2, Acme No.3 and Acme No.4 lode claims and showing the respective capacities in which they acted.

- J.N. Tickner, Chainman.
-, Chainman.
-, Axman.
-, Flagman.

FINAL OATHS OF ASSISTANTS

~~Was~~ I, J.N. Tickner

~~and~~ I, do solemnly swear that ~~we~~ assisted

T.N. Stevens, ~~United States~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Katherine J. Drew

known as the Acme No.1, Acme No.2, Acme No.3 and Acme No.4 lode claims, represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, at Phoenix, Ariz.

- J.N. Tickner, Chainman.
-, Chainman.
-, Axman.
-, Flagman.

Subscribed and sworn to by the above-named persons before me this 4th

day of May, 1948

Oscar Williams
Notary Public

My commission expires June 5, 1949

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF ~~LAND~~ MANAGEMENT

FINAL OATH OF MINERAL SURVEYOR

I, T.N. Stevens, Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Arizona, dated April 17, 1946,
I have, in strict conformity to the laws of the United States, the official regulations
and instructions thereunder, and the instructions of said Office Cadastral Engineer,
faithfully and correctly executed the survey of the mining claim of _____
Katherine J. Drew, known as the
ACME NO.1, ACME NO.2, ACME No.3 and ACME No.4 lode claims,
situate in Casa Grande Mining District,
Pinal County, Ariz., in Sections
27, 28, 33, 34, Township No. 9 S., Range No. 3 E.
and designated as Survey No. 4302, as represented
in the foregoing field notes, which accurately show the boundaries of said mining claim
as distinctly marked by monuments on the ground, and described in the attached copy of
the location certificate, which was received by me from the Office Cadastral Engineer
with said instructions, and that all corners of said survey have been established and
perpetuated in strict accordance with the law, official regulations and instructions
thereunder; and I do further solemnly swear that the foregoing are the true and original
field notes of said survey and my report therein, and that the labor expended and im-
provements made upon said mining claim by claimant or her
grantors are as therein fully stated, and that the character, extent, location, and
itemized value thereof are specified therein with particularity and full detail, and
that no portion of said labor or improvements so credited to this claim has been included
in the estimate of expenditures upon any other claim.

T. N. Stevens
(Mineral Surveyor)

Subscribed and sworn to by the said T. N. Stevens

Mineral Surveyor, before me Bertha Trujillo, Notary Public

this 5th

day of July, 19 46

Bertha Trujillo
Notary Public

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MINERAL SURVEYOR

4-602
1-1-1933

I, T. N. Stevens, Mineral Surveyor,
do hereby certify that, in accordance with instructions received from the Office of the Mineral
Surveyor, at Tucson, Arizona, dated April 17, 1946,
I have, in strict conformity to the laws of the United States, the official regulations
and instructions thereunder, and the instructions of said Office of the Mineral Surveyor,
carefully and correctly conducted the survey of the mining claim of
Martha J. Dyer, known as the
AGUE NO. 1, AGUE NO. 2, AGUE NO. 3 and AGUE NO. 4 lode claims,
situate in Casa Grande Mining District,
Arizona County, Arizona in Section
27, 28, 29, 30 Township No. 2 S. Range No. 8 E.
and designated as survey No. 4308, as represented
in the foregoing field notes, which accurately show the boundaries of said mining claim
as distinctly marked by monuments on the ground, and described in the attached copy of
the location certificate, which was received by me from the Office of the Mineral Surveyor
with said instructions, and that all corners of said survey have been established and
perpetuated in strict accordance with the law, official regulations and instructions
thereunder; and I do hereby solemnly swear that the foregoing are the true and original
field notes of said survey and my report thereon, and that the latter contained and im-
provements made upon said mining claim by claimant or her
grantees are as therein fully stated, and that the boundaries, extent, location, and
true and value thereof are specified therein with particularity and full detail, and
that no portion of said labor or improvements so credited to this claim has been included
in the estimate of original value upon any other claim.

T. N. Stevens
Mineral Surveyor, Tucson, Arizona



Notary Public
My commission expires: January 1, 1953

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE Bureau of Land Management PUBLIC SURVEY OFFICE

At Phoenix, Arizona

October 31, 19 46

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Katherine J. Drew

known as the ACME No. 1, ACME No. 2, ACME No. 3 and ACME No. 4 lodes

situate in Casa Grande mining district,

Pinal County, Arizona

in Sections 27, 28, 33 and 34, Township No. 9 S., Range No. 3 E., G. & S.R.M.

designated as Survey No. 4302

executed by T.N. Stevens, Mineral

Surveyor, April 22 to 26, 19 46 under my instructions dated

April 17, 19 46 have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

Frank W. Chapin Office Cadastral Engineer.

