

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4438

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

E. B. Garner

Known As The

Katherine lode, Dorothy lode, South Cross Extension No. 2 lode,
Athens No. 1 lode, and Athens No. 2 lode

in the Old Hat Mining District,

Pinal County, Arizona

Section 36, Township 10 S., Range 15 E. unsurveyed

Surveyed under order dated September 26, 1957
Amended 10-28-57; Amended July 7 and September 15, 1958

by John A. Stuges
Mineral Surveyor.

Claim located See reverse side, 19

Survey commenced July 15, 1958

Survey completed February 21, 1959

Address of claimant Box 30, Oracle Star Route
Tucson, Arizona

DATES OF AMENDED LOCATIONS

Name of Claim	Original location
Katherine lode	February 14, 1940
Dorothy lode	February 14, 1940
South Cross Extension No. 2 lode	March 1, 1939
Athens No. 1 lode	July 6, 1942
Athins No. 2 lode	July 15, 1958

Chains

This survey was made with a Buff & Buff light mountain transit No. 8871, with horizontal circle 4.5 ins. diam., having two double opposite verniers and full vertical circle 3 3/4 ins. diam., having one double vernier; the verniers reacting to one minute of arc; observations on the sun were made by holding a card upon which the sun's image with respect to the cross hairs was viewed. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observation:

On July 18, 1958, at the SW. corner of Section 36, T. 9 S., R. 15 E., which is on the North end line of the North Cross No. 1 lode, Sur. No. 4276, latitude $32^{\circ}36'00''$ N. and longitude $110^{\circ}46'29''$ W. I make a series of six altitude observations on the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from a reference point approximately 912 ft. NE. to the sun.

Mean time of observation 105th meridian standard time - 6h 20m p.m.

Declination of sun at mean time of observation 20°58'20"

Mean observed vertical angle to sun's center 12°56'20"

Mean horizontal angle from reference point to sun's center 220°28'

True bearing to North end line of the North Cross No. 1 lode N. 66°22' E.

The lines were measured with a Lufkin steel tape 300 ft. in length, graduated every foot for the entire length with the last foot on each end graduated to tenths and hundredths. The tape was checked against a standard distance on the University of Arizona campus and found to be correct.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of $14^{\circ}30'$ E.

Feet

KATHERINE LODGE

At Cor. No. 1 of the Katherine lode, identical with Cor. No. 2 of Sur. No. 4276 North Cross No. 1 lode.

An iron pipe, 2 ins. diam., 12 ins. high and in a mound of stones with leaden cap marked NC-1-2-4276 to which I add the markings K-1-4438; from which

The cor. of secs. 35 and 36, T. 9 S., R. 15 E., G. & S. R. B. & M. bears S. $66^{\circ}22'$ W., 312.27 ft. dist.; a granite stone, firmly set of the size and markings as described in the official record.

An oak, .6 ins. diam. bears N. 87° E., 41.5 ft. dist. mkd. K-1-BT.

Thence N. $66^{\circ}22'$ E.

Chains
Feet

174 Wash, 5 ft. wide, course northeasterly.

252 Center of road, bears North-South.

300.0 Lode line; discovery point bears S. $23^{\circ}38'$ E., 1381 ft. dist.

Set a redwood post, 48 ins. long, 2 ins. x 4 ins., firmly in the ground and in a mound of stones, mkd. NEC-K-4438.

408 Wash, 4 ft. wide, course northerly.

481 Wash, 10 ft. wide, course northerly.

599.9 Cor. No. 2

Set an iron pipe, 36 ins. long, 2 ins. diam., 18 ins. in the ground and in a mound of stones with leaden cap mkd. K-2-4438; from which

An oak, 8 ins. diam., bears N. $15^{\circ}41'$ E., 58.2 ft. dist., mkd. K-2-BT.

An oak, 6 ins. diam., bears N. $66^{\circ}27'$ E., 12.4 ft. dist., mkd. K-2-BT.

Thence S. $23^{\circ}31'$ E.

401.64 Intersect the South line of Sec. 36, T. 9 S., R. 15 E., at a point from which the SW. cor. Sec. 36 bears N. $89^{\circ}51'$ W., 995.93 ft. dist.

1493.0 Cor. No. 3, identical with Cor. No. 4 of Dorothy lode of this survey.

Set an iron pipe, 36 ins. long, 2 ins. diam., 18 ins. in the ground and in a mound of stones, with leaden cap mkd. K-3-D-4-4438; from which

An oak, 6" diam., bears N. $50^{\circ}51'$ E., 10.7 ft. dist., mkd. K-3-BT.

Thence S. $66^{\circ}22'$ W.

297.0 Lode line; discovery shaft bears N. $23^{\circ}38'$ W., 112 ft. dist.

Set a redwood post, 48 ins. long, 2 ins. x 4 ins., firmly in the ground and in a mound of stones mkd. SEC-K-4438.

355 Center of road, bears N. 35° W. and S. 35° E.

597.0 Cor. No. 4; identical with Cor. No. 1 Dorothy lode, and Cor. No. 1 South Cross Extension No. 2 lode, both of this survey and Cor. No. 3, Sur. No. 4276 North Cross No. 1 lode.

An iron pipe; 18 ins. high, 2 ins. diam., firmly set in the ground and in a mound of stones with leaden cap mkd. NCl-3-4276 to which I add SCEX-2-1-D-1-K-4-4438; from which

Chains- Feet	
	A cedar, .8 ins. diam., bears S. 84° E., 21 ft. dist., mkd. D-1-4438-BT
	Thence N. 23°38' W.
422	Center of road, bears easterly and westerly.
1095	Center of road, bears southeasterly and northerly.
1264.9	Frame dwelling, 25 ft. x 40 ft. long, side bears N. 1°8' W.
1355.38	Intersect the South line of Sec. 36, T. 9 S., R. 15 E., at a point from which the S.W. Cor. Sec. 36 bears N. 89°51' W., 341.25 ft. dist.
1493.0	Cor. No. 1 and the place of beginning.
DOROTHY LODGE	
	Beginning at Cor. No. 1 of the Dorothy lode, identical with Cor. No. 1 of the South Cross Extension No. 2 lode and Cor. No. 4 Katherine lode, both of this survey and Cor. No. 3 of Sur. No. 4276 North Cross No. 1 lode; from which
	The cor. of secs. 35 and 36, T. 9 S., R. 15 E., bears N. 35°27' W., 1525.3 ft. dist., previously described.
	Thence S. 23°21' E.
193.0	Wash, 1 ft. wide, course easterly.
556.0	Wash, 8 ft. wide, course northeasterly.
1402	Wash, 2 ft. wide, course northeasterly.
1484.4	Cor. No. 2, identical with Cor. No. 2 of the Southern/ lode, Cor. No. 1 of the Athens No. 1 lode and Cor. No. 1 of the Athens No. 2 lode, all of this survey.
	Set an iron pipe, 36 ins. long, 2 ins. diam., 18 ins. in the ground and in a mound of stones, with leaden cap mkd. D-2-SCEX-2-2-A1-1-A2-1-4438-USMS; from which
	A juniper, 8 ins. diam., bears S. 33°20' W., 28.4 ft. dist., mkd. A1-2-4438.
	Thence N. 66°22' E.
62	Center of road, bears northwesterly and southeasterly.
263.0	Lode line, discovery point bears N. 21°58' W., 1395.0 ft. dist.
	Set a redwood post, 48 ins. long, 2 ins. x 4 ins. firmly in the ground and in a mound of stones mkd. SEC-D-4438.
300.0	Lode line, Athens No. 2 lode of this survey.
390	Wash, 2 ft. wide, course northerly.
563.0	Cor. No. 3, identical with Cor. No. 2 of the Athens No. 2 lode of this survey.
	Set an iron pipe, 36 in. long, 2 ins. diam., 18 ins. in the ground and in a mound of stones, with leaden cap mkd. D-3-A2-2-4438-USMS; from which

Chains- Feet	
	An oak, 6 ins. diam., bears S. 54° W., 11.9 ft. dist., mkd. A2-2-4438.
	An oak, 8 ins. diam., bears S. 27° E., 25.8 ft. dist., mkd. A2-2-4438.
	Thence N. 22°02' W.
86.	Wash, 10 ft. wide, course northeasterly.
1036.	Wash, 15 ft. wide, course northeasterly.
1485.0	Cor. No. 4, identical with Cor. No. 3 of the Katherine lode of this survey.
	Thence S. 66°22' W.
297.00	Lode line, discovery point bears S. 21°58' E., 90.0 ft. dist.
	A redwood post in a mound of stones previously described. I mark NEC-D-4438 on the South face.
355.00	Center of road, bears N. 35° W. and S. 35° E.
597.0	Cor. No. 1 and the place of beginning.
SOUTH CROSS EXTENSION NO. 2 LODE	
	Beginning at Cor. No. 1 of the South Cross Extension No. 2 lode, identical with Cor. No. 1 of the Dorothy lode, Cor. No. 4 of the Katherine lode, both of this survey and Cor. No. 3 of Sur. No. 4276 North Cross No. 1 lode
	Thence S. 23°21' E.
193	Wash, 1 ft. wide, course easterly.
556	Wash, 8 ft. wide, course northeasterly.
1402.	Wash, 2 ft. wide, course northeasterly
1484.4	Cor. No. 2, identical with Cor. No. 2 Dorothy lode, Cor. No. 1 Athens No. 1 lode, and Cor. No. 1 Athens No. 2 lode, all of this survey.
	Thence S. 66°22' W.
293.6	Lode line, discovery point bears N. 23°36' W., 1384.4 ft. dist.
	Set a redwood post, 48 ins. long, 2 ins. x 4 ins., firmly in the ground and in a mound of stones, mkd. SEC-SCEX2-4438.
593.6	Cor. No. 3, identical with Cor. No. 2 of the Athens No. 1 lode.
	Set an iron pipe, 36 ins. long, 2 ins. diam., 12 ins. in the ground and in a mound of stones, with leaden cap mkd. SCEX2-3-A1-2-4438-USMS; from which

Survey No. 4438

5.

Chains - Feet	
	A cedar, 5 ins. diam., bears N. 31°15' E., 29.1 ft. dist., mkd. SCEX2-3-4438-BT.
	A cedar, 14 ins. diam., bears S. 68° E., 61.5 ft. dist., mkd. A1-2-4438-BT.
	Thence N. 23°36' W.
607	Wash, 2 ft. wide, course northeasterly.
1115	Wash, 1 ft. wide, course easterly.
	No. 3
1186.2	S.E. Cor. of the South Cross Extension/lode, unsurveyed.
1484.4	Cor. No. 4, identical with Cor. No. 4 of Sur. No. 4276 North Cross No. 1 lode.
	An iron pipe, 18 ins. high, 2 ins. diam., set firmly in the ground and in a mound of stones, mkd. NCRI-4-4276 to which I add the markings SCEX2-4-4438; from which
	An oak, 6 ins. diam., bears N. 31° W., 19.6 ft. dist., mkd. SCEX2-4-BT.
	A cedar, 8 ins. diam., bears S. 80° E., 10.3 ft. dist., mkd. SCEX2-4-4438-BT.
	Thence N. 66°22' E.
300	Lode line, discovery shaft bears S. 23°36' E., 100 ft. dist.
	Set a redwood post, 48 ins. long, 2 ins. x 4 ins., firmly in the ground and in a mound of stones, mkd. NEC-SCEX2-4438.
600.0	Cor. No. 1 and the place of beginning.
ATHENS NO. 1 LODE	
	Beginning at Cor. No. 1 of the Athens No. 1 lode, identical with Cor. No. 1 of the Athens No. 2 lode, Cor. No. 2 of the Dorothy lode and Cor. No. 2 of the South Cross Extension No. 2 lode, all of this survey; from which
	The cor. of secs. 35 and 36, T. 9 S., R. 15 E., G. & S. R. B. & M. bears N. 29°29' W., 2993.0 ft. dist., previously described
	Thence S. 66°22' W.
293.6	Lode line; discovery point bears S. 23°36' E., 112.0 ft. dist.
	A redwood post, previously described to which I add the markings NEC-A1-4438.
593.6	Cor. No. 2, identical with Cor. No. 3 South Cross Extension No. 2/of this survey.
	Thence S. 23°36' E.
293	Wash, 2 ft. wide, course westerly.

Survey No. 4438

6.

Chains- Feet .	
454	Wash, 2 ft. wide, course westerly.
1165	Wash, 2 ft. wide, course southwesterly.
1500.0	Cor. No. 3. Set an iron pipe, 36 ins. long, 2 ins. diam., 18 ins. in the ground and in a mound of stones, with leaden cap mkd. Al-3-4438; from which An oak, 10 ins. diam., bears N. 37°22' E., 25.4 ft. dist., mkd. Al-3-4438. An oak, 8 ins. diam., bears S. 25°38' E., 23.4 ft. dist., mkd. Al-3-4438. Thence N. 66°22' E.
64	Wash, 10 ft. wide, course northerly.
300.0	Lode line, discovery point bears N. 23°36' W., 1388 ft. dist. Set a redwood post, 48 ins. long, 2 ins. x 4 ins., firmly in the ground and in a mound of stones, mkd. SEC-Al-4438.
600.0	Cor. No. 4, identical with Cor. No. 4 Athens No. 2 lode of this survey. Set an iron post, 36 ins. long 2 ins. diam., 18 ins. in the ground and in a mound of stones, with leaden cap mkd. Al-4-A2-4-4438; from which An oak, 10 ins. diam., bears N. 74°30' W., 26.4 ft. dist., mkd. Al-4-4438. A point on a granite rock 2 x 1½ ft. buried one-half in the ground bears N. 6°30' E., 43.6 ft. dist., mkd. 4438-BR. Thence N. 23°51' W.
240	Wash, 10 ft. wide, course northeasterly.
1500.0	Cor. No. 1 and the place of beginning.
ATHINS NO. 2 LODE	
	Beginning at Cor. No. 1 of the Athens No. 2 lode, identical with Cor. No. 1 of the Athens No. 1 lode, Cor. No. 2 of the South Cross Extension No. 2 lode and Cor. No. 2 of the Dorothy lode, all of this survey. Thence N. 66°22' E.
62	Center of road, bears northwesterly and southeasterly.
2631.0	Lode line, Dorothy lode of this survey.
300.0	Lode line; discovery point bears S. 23°51' E., 100 ft. dist.

Survey No. 4438

7.

Corners Feet	
	Set a redwood post, 48 ins. long, 2 ins. x 4 ins., firmly in the ground and in a mound of stones, mkd. NEC-A2-4438.
390.	Wash, 2 ft. wide, course northerly.
563.0	Cor. No. 2, identical with Cor. No. 3 Dorothy lode of this survey. Thence S. 25°16' E.
645	Wash, 1 ft. wide, course northerly.
1245	Wash, 10 ft. wide, course northeasterly.
1312	Wash, 2 ft. wide, course northerly.
1500.6	Cor. No. 3 Set an iron pipe, 36 ins. long, 12 ins., in the ground and in a mound of stones, with leaden cap mkd. A2-3-4438; from which A point on a granite outcrop bears N. 60°45' W., 36.9 ft. dist., mkd. 4438-BR. A point on a granite outcrop bears N. 36°00' E., 29.8 ft. dist., mkd. 4438-BR. Thence S. 66°22' W.
112	Wash, 2 ft. wide, course northerly.
300.0	Lode line, discovery point bears N. 23°51' W., 1400 ft. dist. Set a redwood post, 48 ins. long, 2 ins. x 4 ins., firmly in the ground and in a mound of stones, mkd. SEC-A2-4438.
600.0	Cor. No. 4, identical with Cor. No. 4 Athens No. 1 lode of this survey. Thence N. 23°51' W.
240	Wash, 10 ft. wide, course northeasterly.
1500.0	Cor. No. 1 and the place of beginning.
AREAS	
	Acres
	Total area, Katherine lode 20.512
	Area in conflict with
Sec. 36; T. 9 S., R. 15 E.	3.712
	Total area, Dorothy lode 19.765
	Total area, South Cross Extension No. 2 lode 20.336
	Total area, Athens No. 1 lode 20.550
	Total area, Athens No. 2 lode 20.024
LOCATION	
This survey is located in the SW 1/4, SW 1/4 of Sec. 36, T. 9 S., R. 15 E. and in T. 10 S., R. 15 E., unsurveyed.	
The survey is identical with the location as marked on the ground. The South corner monument of the Athens No. 1 lode have been lost or destroyed and the survey corners were set from the location notices.	

2

Survey No. 4458

Chains	Length feet
Set in iron pipe to the top of the ground in a round of stones, and between the 12-13-1433	390
Run to the north with Gov. No. 3 discovery hole of this survey.	300.0
Bearing S. 25° 18' E.	045
Run to the north, course northerly.	1245
Run to the north, course northerly.	1315
Run to the north, course northerly.	1500.0
Run to the north, course northerly.	1500.0
Set in iron pipe to the top of the ground in a round of stones, and between the 12-13-1433	115
Run to the north, course northerly.	300.0
Discovery point bears N. 75° 51' W. 1500 feet.	115
Run to the north, course northerly.	300.0
Set in iron pipe to the top of the ground in a round of stones, and between the 12-13-1433	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0
Run to the north, course northerly.	300.0

Survey No. 4438

8.

Chains	EXPENDITURES
	The improvements and the value of labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or its grantors are as follows:
No. 1.	The discovery shaft of the Katherine lode, the center of which being the discovery point, is on the lode line 112 ft. from a point on line 3-4, 297.0 ft. from Cor. No. 3; 4 ft. x 4 ft., 5 ft. deep. Value, \$100.
No. 2.	A shaft, the center of which bears N. 38°17' W., 612 ft. from Cor. No. 3, Katherine lode; 4 ft. x 4 ft., 5 ft. deep. Value, \$100.
No. 3.	A shaft, the center of which bears N. 38°00' W., 625 ft. from Cor. No. 3, Katherine lode; 4 ft. x 6 ft., 5 ft. deep. Value, \$ 125.
No. 4.	A shaft, the center of which bears S. 31°17' E., 209 ft. from Cor. No. 1 Katherine lode; 5 ft. x 10 ft., 40 ft. deep, partially timbered. Value, \$2,000.
No. 5.	A churn drill hole, the center of which bears S. 26°32' E., 582 ft., from Cor. No. 1 Katherine lode; 8 ins. diam., 230 ft. deep. Value, \$2,070.
No. 1.	The discovery shaft of the Dorothy lode, the center of which being the discovery point, is on the lode line 90 ft. from a point on line 4-1, 297.0 ft. from Cor. No. 4, 4 ft. x 4 ft., 4 ft. deep. Value, \$80.
No. 2.	A churn drill hole, the center of which bears S. 8°30' W., 428 ft. from Cor. No. 4, Dorothy lode; 10 ins. diam., 164 ft. deep. Value, \$984.
No. 1.	The discovery point of the South Cross Extension No. 2 lode, is on the lode line 100 ft. from a point on line 4-1, 300 ft. from Cor. No. 4. No Value.
No. 2.	A shaft, the center of which bears N. 72°48' E., 272 ft. dist. from Cor. No. 4 South Cross Extension No. 2 lode; 4 ft. x 4 ft., 5 ft. deep. Value, \$100.
No. 3.	A shaft, the center of which bears N. 77°20' E., 275 ft. from Cor. No. 4 South Cross Extension No. 2 lode; 5 ft. x 6 ft., 6 ft. deep. Value, \$125.
No. 1.	The discovery point of the Athens No. 1 lode, is on the lode line 112 ft. from a point on line 1-2, 293.6 ft. from Cor. No. 1. No Value.
No. 2.	A tunnel, 6 ft. x 7 ft. in size, the portal of which bears S. 23°30' W., 85 ft. from Cor. No. 1 Athens No. 1 lode, and runs S. 15° W., 63 ft. Value, \$1,500.

~~Chains-~~

No. 1. The discovery point of the Athens No. 2 lode, is on the lode line 100 ft. from a point on line 1-2, 300.0 ft. dist. from Cor. No. 1.
No Value.

No. 2. A tunnel, 6 ft. x 7 ft. in size, the portal of which bears S. 32°30' E., 72 ft. from Cor. No. 1 Athens No. 2 lode. Tunnel is caved near portal, bearing and distance unknown.
Value unknown.

OTHER IMPROVEMENTS

A frame house, the NE. Cor. of which bears S. 28°41' E., 195.5 ft. dist. from Cor. No. 1 Katherine lode; 20 x 42 ft. in size, the long sides bear N. 1°08' W.
Tom Callas, Claimant

A steel water tank; the center of which bears S. 30°25' E., 320 ft. dist. from Cor. No. 1, Katherine lode.
Claimant unknown.

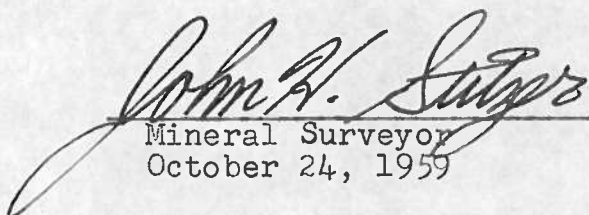
Survey No. 4438

9-A

Chains

SUPPLEMENTAL EXPENDITURES

- No. 4 A cut, the west end of which bears S. $51^{\circ}50'$ W., 295 ft. dist. from Cor. No. 1 of the South Cross Extension No. 2 lode; 7 ft. wide, 26 ft. face runs N. $81^{\circ}30'$ W. to portal of tunnel 5 ft. x 6 ft. size, running N. $81^{\circ}30'$ W. 27 ft. to breast.
Value, \$900.
- No. 3 A cut, the west end of which bears S. $75^{\circ}50'$ E., 305 ft. dist. from Cor. No. 1 of Athens No. 2 lode; 7 ft. wide, 18 ft. face runs S. $75^{\circ}00'$ W. to portal of tunnel 5 ft. x 6 ft. size running S. $32^{\circ}20'$ W., 22 ft. to breast.
Value, \$700.


Mineral Surveyor
October 24, 1959

Chains

OTHER CORNER DESCRIPTION AND SUPPLEMENTAL DATA

Sur. No. 4276 North Cross No. 1 lode: Cors. No. 2, 3 and 4 are lead capped pipes, firmly set and properly marked. Lines 2-3 and 3-4 were found to be approximately correct as approved.

Katherine lode: The discovery shaft was found to be 112 ft. from the point on 3-4 instead of 90 ft. as shown on the location notice.

Dorothy lode: The discovery shaft was found to be 90 ft. from the point on line 4-1 instead of the 125 ft. as shown on the location notice.

Athens No. 1 lode: The discovery point was found to be 112 ft. from the point on line 1-2 instead of the 60 ft. as shown on the location notice. The South location corners had been destroyed and Cors No. 3 and 4 were set from the courses and distances indicated on the location notice.

FIELD ASSISTANTS

Donald Campbell

Chainman

William Shane

Helper

13

CHAINS

Chains

	<p>Chains</p>	<p>1. The first chain is made of steel links and is used for heavy work.</p> <p>2. The second chain is made of iron links and is used for lighter work.</p> <p>3. The third chain is made of aluminum links and is used for work in corrosive environments.</p> <p>4. The fourth chain is made of plastic links and is used for work in clean environments.</p>	
--	---------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

October 27, 19 59

I, John H. Stitzer

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the _____

Cadastral Engineer at Phoenix, Arizona

Sept. 26, 1957, amended 10-28-57, dated Amended July 7, and Sept. 15, 1958, I have faithfully and correctly executed the survey of

the mining claim of E. B. Garner, known as the Katherine lode, Dorothy lode, South Cross Extension No. 2 lode, Athens No. 1 lode and Athens No. 2 lode known as the _____

(Lode, placer, or mill site)

situate in Old Hat Mining District, Pinal County, in Sec. 36, T. 9 S., R. 15 E.

and T. 10 S., R. 15 E., G. & S. R. B. & M. Meridian, Arizona, and _____

(State)

designated as Survey No. 4438, which is represented in the foregoing field notes as having been executed by me and under my direction, and that said survey has been made in strict conformity with said order, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes, and I do further certify that the labor expended and improvements made

upon or for the benefit of the lode location(s) embraced in the said mining claim by _____

(Lode or placer)

claimant(s) or his grantors are fully stated in my report therein, and that the character, extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Tucson, Arizona
(Place)

John H. Stitzer
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Office Cadastral Engineer--Bureau Land Mgmt.

(Office)

Phoenix, Arizona February 9, 19 60

(Place)

(Date)

The foregoing field notes of mineral survey No. 4438 in Old Hat Mining Dist., Pinal Co.,
Section 36 9 South 15 East Gila & Salt River
unsurveyed section, T. 10 South, R. 15 East, " " " " Meridian,

Arizona, executed by John H. Stitzer, Mineral Surveyor,
(State) 9-26-57 and amended 10-28-57,

under order dated 7-7-58 and 9-15-58, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

Lester S. Mann

Lester S. Mann

Office Cadastral Engineer

(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. _____ is a true copy of the original field notes.

(Title)

CERTIFICATE OF SURVEYOR

John H. Collier

I have surveyed the above described land in accordance with the instructions of the Surveyor General of the Territory of Arizona, and the same is shown as the following:

The mining claim of _____ known as the _____ Mining Claim, is located in the _____ County, State of Arizona, and is situated on the _____ Section, Township _____ North, Range _____ East, of the _____ Meridian.

The above described land is situated on the _____ Section, Township _____ North, Range _____ East, of the _____ Meridian, and is bounded on the north by _____, on the south by _____, on the east by _____, and on the west by _____.

The area of the above described land is _____ acres, more or less.

The above described land is situated on the _____ Section, Township _____ North, Range _____ East, of the _____ Meridian, and is bounded on the north by _____, on the south by _____, on the east by _____, and on the west by _____.

The area of the above described land is _____ acres, more or less.

Witness my hand and seal at _____ Arizona, this _____ day of _____ 19____.

CERTIFICATE OF APPROVAL

I, _____ Surveyor General of the Territory of Arizona, do hereby approve the above described land as the _____ Mining Claim, and the same is shown as the following:

The above described land is situated on the _____ Section, Township _____ North, Range _____ East, of the _____ Meridian, and is bounded on the north by _____, on the south by _____, on the east by _____, and on the west by _____.

The area of the above described land is _____ acres, more or less.

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of field notes of the above described mining survey is a true copy of the original field notes.