

Form 4-683
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number
4607
State
Arizona
Land District
Phoenix, Arizona

Of the Survey of the Mining Claim of (name and address of Claimant)

C. E. Robertson
Box 357
Apache Junction, Arizona

Known as the (name of group, if any)

Big Chief

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Big Chief Mo. 1	12/31/57	
Big Chief No. 2	6/30/59	2/25/63
Big Cheif No. 3	5/4/59	2/25/63

Mining district Yavapai	County Yavapai			
Section 27	Township 9 N	Range 2 E	Meridian G. & S.R.	Survey under order dated Feb. 28, 1963
Survey commenced 3-1-63	Survey completed 3-9-63		Name of Mineral Surveyor Robert E. Adams	

STATE OF TEXAS
COUNTY OF [illegible]

[illegible]

[illegible text]

[illegible text]

[illegible text]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTE PAPER

1.

FEET	SURVEY NO. 4607
	<p>This survey was made with a Universal Wild T-2 Theodolite No. T2-68064, reading by optical micrometer to one second of arc. The instrument was in good condition at the time of the survey and all adjustments were in good order.</p> <p>All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by making an angular tie from a point on the west endline of the Big Chief No. 2 Lode, sighting a point at the west center endline of the Big Chief Mo. 1 lode, approx. 700 ft. dist., and turning to USC & GS triangulation station Maggie, approx. 2000 ft. dist., then occupying Station Maggie and turning from the point on the west endline of Big Chief No. 2 Lode to USC & GS Station Fort. The true bearing of the west endline of all three claims this survey is N. 2°21'26" E.</p> <p>The lines were measured with a Lufkin steel tape 300 feet in length graduated every foot thruout its length except the 1st., 99th., 199th., and 299th. feet which are graduated to tenths and hundredths of a foot. The tape was compared with a standard tape at the time of the survey and found to be correct.</p> <p>All lines and connections of this survey were run by direct methods.</p> <p>The magnetic declination observed at each corner of the survey gave a uniform value of 12°30' E.</p>
	<p style="text-align: center;">BIG CHIEF MO. 1 LODE</p> <p>At cor. No. 1 of the Big Chief Mo. 1 lode identical with cor. No. 1 of the Big Chief No. 3 lode this survey.</p> <p>Set a galvanized iron pipe 3/4 ins. diam., 30 ins. long, 18 ins. in the ground in cement, and in a cemented mound of stones 6 ins. high, with a brass cap, 2 1/2 ins. diam., firmly secured to the iron pipe, mkd. BCl-1-BC3-1-4607; from which</p> <p>The 1/4 cor. of secs. 22. and 27, T. 9 N., R. 2 E., G & S R Mer., bears N. 2°02'47" E., 2196.48 ft. dist; a 2 1/2 ins. brass cap on a 1 in. diam. pipe, 18 ins. above ground, firmly set, marked and witnessed as described in the official record.</p> <p>A mound of stones constructed adjacent to the iron pipe.</p> <p style="text-align: center;">Thence N. 2°21'26" E.</p> <p>112 Flat top.</p> <p>329.83 Lode line; discovery point bears N. 67°47'52" E. 300 ft. dist.</p>

FEET	
360	Road, 8 ft. wide bears E. and W.
659.66	Cor. No. 2 identical with Cor. No. 2 of the Big Chief No. 2 lode of this survey.
	<p>Set a galvanized iron pipe $3/4$ ins. diam. 30 ins. long, 18 ins. in the ground in cement, with a brass cap, $2\frac{1}{2}$ ins. diam., firmly secured to the iron pipe, mkd. BC1-2-BC2-2-4607; from which</p> <p style="text-align: center;">4607</p> <p>The west edge of a steel rail road rail 2 ft. high embeded in concrete mkd. Hwy R/W ST 2324 \neq 49.2 bears N. 57°E., 55.0 ft. dist.</p> <p>A mound of stones constructed adjacent to the iron pipe.</p> <p style="text-align: center;">Thence N. $67^{\circ}47'52''$ E.</p>
408	Ridge, bears N. and S.
1083	Wash, 10 ft. wide, course S. 20° W.
1161	Ridge, bears N. and S.
1500.00	Cor. No. 3, identical with Cor. No. 3 of the Big Chief No. 2/ ^{lode} of this survey.
	<p>Set a galvanized iron pipe $3/4$ ins. diam., 30 ins. long, 19 ins. in the ground in cement, with a brass cap, $2\frac{1}{2}$ ins. diam., firmly secured to the iron pipe, mkd. BC1-3-BC2-3-4607; from which</p> <p>A mound of stones constructed adjacent to the iron pipe.</p> <p style="text-align: center;">Thence S. $2^{\circ}21'26''$ W.</p>
71	Flat ridge, bears E. and West
175	Flat ridge, bears E. and West
300	Wash, 2 ft. wide, course S. 80° W.
329.83	Lode line; discovery point bears S. $67^{\circ}47'52''$ W. 1200 ft. dist.
428	Ridge, bears E. and W.
659.66	Cor. No. 4, identical with Cor. No. 4 of the Big Chief No. 3/ ^{lode} of this survey.
	<p>Set a galvanized iron pipe $3/4$ ins. diam., 30 ins. long 17 ins. in the ground in cement, with a brass cap, $2\frac{1}{2}$ ins. diam., firmly secured to the iron pipe, mkd. BC1-4-BC3-4-4607; from which</p> <p>A mound of stones constructed adjacent to the iron pipe.</p> <p style="text-align: center;">Thence S. $67^{\circ}47'52''$ W.</p>
156	Brow of hill, bears N. and S.
289	North bank of wash, 9 ft. wide, course S. 70° W.

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FEET	
	<u>SURVEY NO. 4607</u>
344	South bank of wash, 9 ft. wide course N.35°W.
896	Ridge, bears N. and S.
1446	Wash, 14 ft. wide course S. 20° W.
1500.00	Cor. No. 1 and place of beginning
	BIG CHIEF NO. 2 LODE
	Beginning at Cor. No. 1, Big Chief No. 2 lode.
	Set a brass cap 2 ins. diam. in a hole filled with cement, drilled into a Basalt rock 2 x 2 ft., 1 ft. above the ground mkd. BC2-1-4607; from which
	The $\frac{1}{4}$ Cor. of secs. 22 and 27, bears N. 1°34'43" E. 877.21 ft. dist; previously described
	A mound of stones constructed adjacent to the iron pipe
	Thence S. 2°21'26" W.
91	Dozer road, 10 ft. wide, bears E. and W.
154	Hill, bears E. and W.
329.83	Lode line; discovery point, bears N.67°47'52"E. 300 ft. dist.
395	Wash, 3 ft. wide, course West.
659.66	Cor. No. 2, identical with Cor. No. 2 Big Chief Mo. 1 lode of this survey.
	Thence N. 67°47'52" E.
408	Ridge, bears N. and S.
1083	Wash, 16 ft. wide, course S. 20°W.
1161	Ridge, bears N. and S.
1500.00	Cor. No. 3, identical with Cor. No. 3 of the Big Chief Mo. 1 lode of this survey.
	Thence N. 2°21'26" E.
19	Wash, 10 ft. wide, course S. 85° W.
109	Wash, 6 ft. wide, course S. 65° W.
329.83	Lode line; discovery point bears S.67°47'52"W. 1200 ft. dist.
400	Ridge, bears E. and W.

FEET	
587	Wash, 4 ft. wide, course West.
659.66	Cor. No. 4.
	<p>Set a galvanized iron pipe $3/4$ ins. diam., 30 ins. long 13 ins. in the ground in cement, with a brass cap, $2\frac{1}{2}$ ins. diam., firmly secured to the iron pipe, mkd. BC2-4-4607; from which</p> <p>A 6 ins. diam. Palo Verde Tree trunk bears South 0.7 ft. dist. A mound of stones constructed adjacent to the iron pipe.</p> <p>Thence S. $67^{\circ}47'52''$ W.</p>
43	Wash, 4 ft. wide, course N. 35° W.
1040	Ridge, bears N. and S.
1338	Dozer road, 10 ft. wide, bears N. and S.
1486	Wash, 4 ft. wide, course West.
1500.00	Cor. No. 1 and place of beginning.
	BIG CHIEF NO. 3 LODE
	<p>Beginning at Cor. No. 1 of the Big Chief No. 3 lode, identical with Cor. No. 1 of the Big Chief Mo. 1 lode this survey.</p> <p>Thence S. $2^{\circ}21'26''$ W.</p>
85	West bank of wash, 20 ft. wide, course S.
193	West bank of wash, 20 ft. wide, course S. 35° E.
329.83	Lode line; discovery point bears N. $67^{\circ}47'52''$ E. 300 ft. dist.
349	Wash, 20 ft. wide, course S. 35° W.
533	Small ridge, bears NE. and SW.
659.66	Cor. No. 2.
	<p>Set a galvanized iron pipe $3/4$ ins. diam., 30 ins. long, 16 ins. in the ground in cement, with a brass cap $2\frac{1}{2}$ ins. diam., firmly secured to the iron pipe, mkd. BC3-2-4607; from which</p> <p>A mound of stones constructed adjacent to the iron pipe.</p> <p>Thence N. $67^{\circ}47'52''$ E.</p>
36	North bank of wash, 6 ft. wide, course S. 30° W.
83	South bank of wash, 6 ft. wide, course S. 65° W.
210	Wash, 3 ft. wide, course N. 40° W.
639	Ridge, bears N. and S.

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FEET	
	<u>SURVEY NO. 4607</u>
1500.00	Cor. No. 3. Set a galvanized iron pipe 3/4 ins. diam., 30 ins. long, 20 ins. in the ground in concrete, with a brass cap, 2 1/2 ins. diam., firmly secured to the iron pipe, mkd. BC3-3-4607; from which A mound of stones constructed adjacent to the iron pipe. Thence N. 2°21'26" E.
254	Brow of hill, bears E. and W.
329.83	Lode line; discovery point bears S. 67°47'52" W., 1200 ft. dist.
520	Wash, 6 ft. wide, course S. 80° W.
659.66	Cor. No. 4, identical with Cor. No. 4 of the Big Chief Mo. 1 lode of this survey. Thence S. 67°47'52" W.
156	Brow of hill, bears N. and S.
289	North bank of wash, 9 ft. wide, course S. 70° W.
344	South bank of wash, 9 ft. wide, course N. 35° W.
896	Ridge, bears N. and S.
1446	Wash, 14 ft. wide course S. 20° W.
1500.00	Cor. No. 1 and place of beginning.
	AREAS
	Acres
	Total area Big Chief Mo. 1 20.661
	Total area Big Chief No. 2 20.661
	Total area Big Chief No. 3 20.661
	LOCATION
	This survey is located in Sec. 27, T.9 N, R. 2 E., Gila and Salt River Base and Meridian, Arizona, the major portion of which lies in the NE 1/4 with small portions in the NW 1/4, SW 1/4, and SE 1/4.
	The survey of the Big Chief Mo. 1, Big Chief No. 2 and the Big Chief No. 3 lodes is identical with the respective location or amended location as marked on the ground.

FEET

EXPENDITURES

The improvements and 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 its grantors are as follows:

- No. 1. The discovery point of the Big Chief No. 2 lode is on the lode line 300 ft. from the center of line 1-2.
No value
- No. 2. A trench, the west end of which bears N. 62° 34' E., 361 ft. dist. from Cor. No. 2 Big Chief No. 2 lode, 5 ft. wide, average 4 ft. deep, running N. 68° E., 9 ft.
Value, \$100
- No. 1. The discovery point of the Big Chief No. 3 lode is on the lode line 300 ft. from the center of line 1-2.
No value.
- No. 2. A trench, the south end of which bears S. 77° 27' E., 349 ft. dist. from Cor. No. 1 of the Big Chief No. 3 lode, 8 ft. wide, average 5 ft. deep, running N. 10° E., 10 ft.
Value, \$100
- No. 1. The discovery point of the Big Chief Mo. 1 lode is on the lode line 300 ft. from the center of line 1-2.
No value.
- No. 2. A shaft, the center of which bears S. 64° 21' E., 504 ft. dist. from Cor. No. 2 of the Big Chief Mo. 1 lode; 7 x 13 ft., average 10 ft. deep.
Value \$200.

An interest in a common improvement described as follows:

Two trenches which form a "T", the intersection of their center lines bears S. 65° 08' E., 382 ft. dist. from Cor. No. 2 of the Big Chief Mo. 1 lode, ~~one~~ trench 14 ft. wide, average 10 ft. deep, bears N. 78° E., 113 ft. dist. from point of intersection of the centerlines; the second trench, 20 ft. wide, average 5 ft. deep bears N. 20° W., 140 ft. dist., from intersection of centerlines, thence, as a side hill cut, 30 ft. wide, average 3 ft. deep, bears N. 20° W., 75 ft. dist.; and the same trench, 45 ft. wide, average 5 ft. deep, bears S. 20° E., 78 ft. dist. from intersection of the trench centerlines.

Value of both trenches \$1500.

Value of one-third interest \$500.

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

The general geology of the area of the three lodes claim of this survey is that of horizontal beds of rock of various thicknesses

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<p>FEET</p>	<p style="text-align: center;"><u>SURVEY NO. 4607</u></p> <p>caped by a basaltic lava flow, these various rock beds have been exposed where the washes have eroded thru them.</p> <p>The two trenches cut across ore bearing horizontal beds which underlie portions of, and outcrops on the three lodes claims of this survey. The surface rises rapidly to the north into the Big Chief No. 2 lode, therefore the development work at the present location is an economical means of furthering exploration of each of the stated lodes.</p> <p>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-third interest in its value is hereby credited to each of said lodes.</p> <p>No portion of or interest in this improvement has been credited heretofore as patent expenditure to any lode claim</p> <p style="text-align: center;">OTHER IMPROVEMENTS</p> <p>None</p>					
	<p style="text-align: center;">FIELD ASSISTANTS</p> <table><tr><td>John Carpenter</td><td>Instrumentman</td></tr><tr><td>Jim Brittenham</td><td>Chainman</td></tr></table>	John Carpenter	Instrumentman	Jim Brittenham	Chainman	
John Carpenter	Instrumentman					
Jim Brittenham	Chainman					

8	FEET	DESCRIPTION	
		<p>1.00 - 1.50</p> <p>2.00 - 2.50</p> <p>3.00 - 3.50</p> <p>4.00 - 4.50</p> <p>5.00 - 5.50</p> <p>6.00 - 6.50</p> <p>7.00 - 7.50</p> <p>8.00 - 8.50</p> <p>9.00 - 9.50</p> <p>10.00 - 10.50</p> <p>11.00 - 11.50</p> <p>12.00 - 12.50</p> <p>13.00 - 13.50</p> <p>14.00 - 14.50</p> <p>15.00 - 15.50</p> <p>16.00 - 16.50</p> <p>17.00 - 17.50</p> <p>18.00 - 18.50</p> <p>19.00 - 19.50</p> <p>20.00 - 20.50</p> <p>21.00 - 21.50</p> <p>22.00 - 22.50</p> <p>23.00 - 23.50</p> <p>24.00 - 24.50</p> <p>25.00 - 25.50</p> <p>26.00 - 26.50</p> <p>27.00 - 27.50</p> <p>28.00 - 28.50</p> <p>29.00 - 29.50</p> <p>30.00 - 30.50</p> <p>31.00 - 31.50</p> <p>32.00 - 32.50</p> <p>33.00 - 33.50</p> <p>34.00 - 34.50</p> <p>35.00 - 35.50</p> <p>36.00 - 36.50</p> <p>37.00 - 37.50</p> <p>38.00 - 38.50</p> <p>39.00 - 39.50</p> <p>40.00 - 40.50</p> <p>41.00 - 41.50</p> <p>42.00 - 42.50</p> <p>43.00 - 43.50</p> <p>44.00 - 44.50</p> <p>45.00 - 45.50</p> <p>46.00 - 46.50</p> <p>47.00 - 47.50</p> <p>48.00 - 48.50</p> <p>49.00 - 49.50</p> <p>50.00 - 50.50</p> <p>51.00 - 51.50</p> <p>52.00 - 52.50</p> <p>53.00 - 53.50</p> <p>54.00 - 54.50</p> <p>55.00 - 55.50</p> <p>56.00 - 56.50</p> <p>57.00 - 57.50</p> <p>58.00 - 58.50</p> <p>59.00 - 59.50</p> <p>60.00 - 60.50</p> <p>61.00 - 61.50</p> <p>62.00 - 62.50</p> <p>63.00 - 63.50</p> <p>64.00 - 64.50</p> <p>65.00 - 65.50</p> <p>66.00 - 66.50</p> <p>67.00 - 67.50</p> <p>68.00 - 68.50</p> <p>69.00 - 69.50</p> <p>70.00 - 70.50</p> <p>71.00 - 71.50</p> <p>72.00 - 72.50</p> <p>73.00 - 73.50</p> <p>74.00 - 74.50</p> <p>75.00 - 75.50</p> <p>76.00 - 76.50</p> <p>77.00 - 77.50</p> <p>78.00 - 78.50</p> <p>79.00 - 79.50</p> <p>80.00 - 80.50</p> <p>81.00 - 81.50</p> <p>82.00 - 82.50</p> <p>83.00 - 83.50</p> <p>84.00 - 84.50</p> <p>85.00 - 85.50</p> <p>86.00 - 86.50</p> <p>87.00 - 87.50</p> <p>88.00 - 88.50</p> <p>89.00 - 89.50</p> <p>90.00 - 90.50</p> <p>91.00 - 91.50</p> <p>92.00 - 92.50</p> <p>93.00 - 93.50</p> <p>94.00 - 94.50</p> <p>95.00 - 95.50</p> <p>96.00 - 96.50</p> <p>97.00 - 97.50</p> <p>98.00 - 98.50</p> <p>99.00 - 99.50</p> <p>100.00 - 100.50</p>	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Robert E. Adams	Date March 26, 1963
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I HEREBY CERTIFY That in pursuance of an order received from the State Director Bureau of Land Management at Phoenix, Arizona dated February 28, 1963, I have carefully executed the survey of the claim of C. E. Robertson known as the (lode, placer, or mill site) Big Chief Mo. 1, Big Chief No. 2, and Big Chief No. 3 lodes, situated in section 27 Township 9 N, Range 2 E, G. & S.R. Meridian, in the State of Arizona.

This survey, designated as number 4607, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in the specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) Lode location(s) embraced in the said mining claim by claimant(s) or His grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. 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.

Phoenix, Arizona
(Location) Robert E. Adams
(Signature of Mineral Surveyor)

CERTIFICATE OF APPROVAL

Office	State
Location	
Phoenix, Arizona	
Date	April 10, 1963

The foregoing field notes of mineral survey number 4607, in Sec. 27, surveyed unsurveyed, Township 9 N., Range 2 E., Gila and Salt River Meridian, in the State of Arizona, executed by Robert E. Adams, Mineral Surveyor, under order dated February 28, 1963, 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.

Raymond C. Cleghorn Acting State Director
(Authorized Signature) (Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of field notes of the above described mineral survey number is a true copy of the original field notes.

(Authorized Signature) (Title)

Title 18, U. S. C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

THE UNIVERSITY OF CHICAGO

1954

Chicago, Illinois

Dear Mr. [Name]

Dear Mr. [Name]

I have your letter of [Date] regarding [Topic].

I am sorry that I cannot give you a more definite answer at this time.

The matter is still under consideration and I will contact you again when a decision has been reached.

I am sure you will understand the need for careful review in this process.

I will be glad to discuss this further if you have any questions.

Sincerely,
[Signature]

Very truly yours,
[Signature]

[Name]

[Address]

[City, State, Zip]

[Phone Number]

[Additional Information]

[Closing Remarks]

[Footnote or Reference]

[Final Remarks]