

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4238 A&B

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Randolph Jenks

Known As The

LUCKY BOY and LUCKY GIRL lodes and ASPEN GROVE Mill Site

Old Hat Mining District,

Pima County, Arizona

Section s 25 & 36, Township 11 S., Range 15 E., G&SR M
Unsur.,

Surveyed under instructions dated April 10, 1940

by Ralph L. Motz
~~U.S.~~ Mineral Surveyor., G.L.O.

Claim located August 11, 1923

Survey commenced May 8, 1940

Survey completed May 11, 1940

Address of claimant Box 4084, University Station,
Tucson, Arizona.

DATES OF AMENDED LOCATIONS

Lucky Boy lode - May 17, 1939

Lucky Girl lode - May 18, 1939

A&B

Mineral Survey No. 4238 was made with a Gurley & Sons Precise transit, Light Mountain Model, with horizontal limb, 6.25 inches in diameter, having two double opposite verniers, and full vertical circle, 5 inches in diameter, having one double vernier, the verniers read to one minute of arc; the eye piece is equipped with a prismatic eye piece with colored glass slide for making direct observations upon the sun. The instrument was in good condition at the time of survey and all adjustments were in good order. (~~An a.m. altitude observation of the sun for azimuth, and at noon on the meridian for latitude, were made at the point of beginning, 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 as determined by me in connection with Mineral Survey No. 4221, which adjoins and conflicts with this survey on the northeast, by the method of deflection angles and calculated courses. The lines were measured with a Lufkin steel tape, 25 ft. in length, graduated to feet, inches, and fractions of inches for the entire length; a Keuffel & Esser steel tape, 100 feet in length, graduated to feet, tenths and hundredths of feet for the entire length; a Keuffel & Esser steel tape, 300 feet in length, graduated to feet, tenths and hundredths of feet for the entire length. All tapes were compared with a Lufkin Standard at the time of beginning the survey and found correct.

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

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

LUCKY BOY

Beginning at Cor. No. 1 of the Lucky Boy lode

Situated on line 2-3 of the Lucky Girl lode of this survey

A granite ledge, 37x75 ins., 9 ins. above ground, for Cor. No. 1; mkd. LB-1-4238 A; from which

A pine post, 4 ins. diameter, 4 ft. long, set 18 ins. in the ground, bears westerly 3 ft.

The Cor. of Secs. 25 and 36, T. 11 S., R. 15 E., unsurveyed and Secs. 30 and 31, T. 11 S., R. 16 E., G. & S. R. ~~xxxx~~ M., bears $S. 88^{\circ} 54' E.$, 2202.7 ft., being a granite rock, 10x12 ins., 15 ins. above the ground, marked and witnessed as recorded in the official record.

Thence $S. 24^{\circ} 15' W.$

87.0	Cross trail, 2 ft. wide, course easterly
425.0	Cross trail, 2 ft. wide, course westerly
855.0	Cross trail, 2 ft. wide, course easterly
905.0	Cross Carter Canyon, 10 ft. wide, course easterly
1500.0	Cor. No. 2

Set a schist rock, 28x11x4 ins., 16 ins. in the ground for Cor. No. 2, mkd. LB-2-4238 A; from which

An aspen post, 3 ins. diam., 4 ft. long, set 18 ins. in the ground, in a monument of rocks, bears northwesterly 2.3 ft.

A pine tree, 14 ins. diameter, 60 ft. high, bears

Feet	
	N. 26° 30' E., 10.9 ft., mkd. BT x LB-2-4238 A Thence WEST
327.0	Intersect the south end of the lode line at the original location for the south end center, being a monument of rocks, 3 ft. high, 3 ft. base.
654.0	Cor. No. 3 Set a granite rock, 27x7x7 ins., 17 ins. in the ground for Cor. No. 3, mkd. LB-3-4238 A; from which A pine post, 4 ins. diameter, 4 ft. long, set 18 ins. in the ground in a monument of rocks, bears northwesterly 2.4 ft. A pine tree, 16 ins. diameter, 50 ft. high, bears N. 55° 02' W., 15.5 ft., mkd. BT X LB-3-4238 A. Thence N. 24° 15' E.
640.0	Cross Carter Canyon, 10 ft. wide, course easterly
1500.0	Cor. No. 4 Situated on line 2-3 of the Lucky Girl lode of this survey, where I Set a granite rock, 28x10x5 ins., 18 ins. in the ground for Cor. No. 4, mkd. LB-4-4238 A; from which A pine tree, 10 ins. diameter, 40 ft. high, bears N. 56° 07' E., 2.1 ft., mkd. BT X LB-4-4238 A A pine tree, 10 ins. diameter, 25 ft. high, bears South 10.0 ft., mkd. BT X LB-4-4238 A Thence East
297.0	South end center of the Lucky Girl lode of this survey
327.0	Intersect the north end of the lode line at the original location for the north end center, being a monument of rocks, 3 ft. high, 3 ft. base
654.0	Cor. No. 1 and place of beginning. LUCKY GIRL Beginning at Cor. No. 1 of the Lucky Girl lode Set a granite rock 29x10x5 ins., 19 ins. in the ground for Cor. No. 1, mkd. LG-1-4238 A; from which The Cor. of Secs. 25 and 36, T. 11 S., R. 15 E., unsurveyed and Secs. 30 and 31, T. 11 S., R. 16 E., G. & S. R. B. & M., bears S. 45° 31' 30" E., 1724.2 ft., previously described Cor. No. 3 of the Catalina # 1 lode, Survey No. 4221, bears S. 31° 31' 30" W., 345.06 ft., A pine tree, 36 ins. diameter, 60 ft. high, bears N. 8° 11' E., 10.7 ft., mkd. BT X LG-1-4238 A An aspen post, 4 ins. diameter, 4 ft. long, set 18 ins. in the ground, in a monument of rocks, bears easterly 3 ft.

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Feet	
	Thence S. 39° 00' W.,
279.2	Intersect line 3-4 Survey No. 4221 Catalina # 1 lode at a point from which Cor. No. 3 bears S. 3° 30' W., 77.3 ft.
1500.0	Cor. No. 2 Set a granite rock, 28x12x7 ins., 18 ins. in the ground for Cor. No. 2, mkd. LG-2-4238 A; from which A pine post, 4 ins. diameter, 4 ft. long, set 18 ins. in the ground in a monument of rocks, bears westerly 3 ft. A pine tree, 10 ins. diameter, 30 ft. high, bears N. 1° 10' E., 5.7 ft., mkd. BT X LG-2-4238 A
	Thence WEST
28.0	Cor. No. 1 of the Lucky Boy lode of this survey, from which Cor. No. 4 of Survey No. 4221 Buck Horn lode bears South 190.2 ft.
355.0	North end center of the Lucky Boy lode of this survey
385.0	Intersect the south end of the lode line at the original location for the south end center, being a mound of rocks, 3 ft. high, 3 ft. base
682.0	Cor. No. 4 of the Lucky Boy lode of this survey
770.0	Cor. No. 3 Set a granite rock, 30x14x6 ins., 18 ins. in the ground for Cor. No. 3, mkd. LG-3-4238 A; from which A pine post, 4 ins. diameter, 4 ft. long, set 18 ins. in the ground in a monument of rocks, bears westerly 3.5 ft.
	Thence N. 39° 00' E.
1500.0	Cor. No. 4 Set a granite rock, 27x12x8 ins., 17 ins. in the ground for Cor. No. 4, mkd. LG-4-4238 A; from which A pine post, 4 ins. diameter, 4 ft. long, set 18 ins. in the ground in a monument of rocks, bears southerly 3 ft. A pine tree, 28 ins. diameter, 60 ft. high, bears S. 65° 08' W., 8.5 ft., mkd. BT X LG-4-4238 A
	Thence EAST
385.0	Intersect the north end of the lode line at the original location for the north end center, being a mound of rocks, 3 ft. high, 3 ft. base
607.57	Intersect line 3-4 Survey No. 4221 Catalina # 1 lode at a point from which Cor. No. 3 bears S. 3° 30' W., 294.58 ft.
770.0	Cor. No. 1 and place of beginning.

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Feet

ASPEN GROVE MILL SITE

Beginning at Cor. No. 1 of the Aspen Grove Mill Site

Situated on line 1-2 Survey No. 4221 Sunney Brook lode at a point from which Cor. No. 1 bears East 195.0 ft. where 1

Set a granite rock, 28x8x6 ins., 18 ins. in the ground for Cor. No. 1, mkd. AGMS-1-4238 B; from which

The Cor. of Secs. 25 and 36, T. 11 S., R. 15 E., unsurveyed and Secs. 30 and 31, T. 11 S., R. 16 E., G. & S. R. B. & M. bears N. 59° 53' E., 1159.8 ft., previously described.

Cor. No. 1 of the Lucky Boy Lode of this survey bears N. 62° 30' W., 1351.8 ft.

A pine post, 3 ins. in diameter, 4 ft. long, set 18 ins. in the ground, in a monument of rocks, bears southwesterly 3 ft.

A pine tree, 18 ins. diameter, 60 ft. high, bears N. 37° 45' E., 7.0 ft. mkd. BT X AGMS-1-4238 B

A pine tree, 30 ins. diameter, 70 ft. high, bears N. 72° 06' W., 7.0 ft., mkd. BT X AGMS-1-4238 B

Thence S. 8° 08' E.

80.0 Cross road, 10 ft. wide, course easterly

90.0 Cross Carter Canyon, 10 ft. wide, course easterly

209.12 Intersect line 3-4 Survey No. 4221 Catalina # 4 lode at a point from which Cor. No. 3 bears S. 22° 22' W., 55.44 ft.

260.92 Intersect line 2-3 Survey No. 4221 Catalina # 4 lode at a point from which Cor. No. 3 bears WEST 28.43 ft.

482.0 Cor. No. 2

Set a granite rock, 27x8x6 ins., 17 ins. in the ground for Cor. No. 2, mkd. AGMS-2-4238 B; from which

Cor. No. 3 Survey No. 4221 Catalina # 4 lode bears N. 15° 16' W., 226.85 ft.

A pine tree, 12 ins. diameter, 40 ft. high, bears N. 89° 15' E., 1.8 ft., mkd. BT X AGMS-2-4238 B

A pine post, 4 ins. diameter, 4 ft. long, set 18 ins. in the ground in a monument of rocks, bears northerly 3 ft.

Thence S. 81° 52' W.

134.81 Cor. No. 3

Situated on line 1-2 Survey No. 4221 Buck Horn lode at a point from which Cor. No. 2 bears S. 26° 30' E., 460.65 ft., where 1

Set a granite rock, 30x12x4 ins., 18 ins. in the ground for Cor. No. 3, mkd. AGMS-3-4238 B; from which.

Original location for the southwest corner bears S. 81° 52' W., 316.19 ft., being a monument of rocks 3 ft. high 3 ft. base

Feet	
	tree A pine, 4 ins. diameter, 4 ft. long, set 18 ins. in the ground in a monument of rocks, bears easterly 3 ft., mkd. BT AGMS-3-4238 B
	Thence N. 41° 24' W.
555.0	Cross Carter Canyon, 10 ft. wide, course easterly
565.0	Cross trail, 3 ft. wide, course easterly
576.46	Cor. No. 4 Set a granite rock, 27x8x5 ins., 18 ins. in the ground, for Cor. No. 4, mkd. AGMS-4-4238 B; from which
	An aspen tree, 10 ins. diameter, 50 ft. high, bears S. 1° 30' E., 14.5 ft., mkd. BT X AGMS-4-4238 B.
	A pine tree, 26 ins. diameter, 60 ft. high, bears N. 89° 28' W., 7.3 ft., mkd. BT X AGMS-4-4238 B
	A pine post, 3 ins. diameter, 4 ft. long, set 18 ins. in the ground in a monument of rocks, bears easterly 4 ft. Thence N. 81° 52' E.
156.16	Intersect line 1-2 Survey No. 4221 Buck Horn lode at a point from which Cor. No. 1 bears N. 26° 30' W., 531.48 ft., and Cor. No. 2 bears S. 26° 30' E., 968.52 ft.
451.0	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:
	Lucky Girl Lode; S. 39° 00' W., 15 ft.; and N. 39° 00' E., 1485 ft.
	Lucky Boy lode, N. 24° 15' E., 10 ft.; and, S. 24° 15' W., 1490 ft.
	AREAS.
	acres
	Total Area, Lucky Girl lode - - - - - 20.606
	Area in conflict with -
	Sur. No. 4221 Catalina # 1 lode - - - - - 0.405
	Total area, Lucky Boy lode - - - - - 20.533
	Total area, Aspen Grove Mill Site - - - - - 3.241
	Area in conflict with
	Sur. No. 4221 Buck Horn lode - - - - - 0.864
	Sur. No. 4221 Catalina # 4 lode - - - - - 0.017
	LOCATION
	This survey is located in the S 1/2 Sec. 25 and the N 1/2 Sec. 36, T. 11 S., R. 15 E., (unsurveyed) G. & S.

R. B. & M., Arizona. The survey is identical with or within the respective locations 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 his grantors is not less than \$500, and that said improvements consist of:-

- No. 1 LUCKY GIRL
The discovery cut of the Lucky Girl lode, the face of which being the discovery point, is on the lode line 15 ft. from the south end center; 4 ft. wide, 10 ft. face, runs North 14 ft. to face.
Value \$60
- No. 2 An open cut, the mouth of which bears N. 28° 10' E., 592 ft. from Cor. No. 2; 4 ft. wide, 10 ft. face, runs N. 15° W., 14 ft. to face.
Value \$60
- No. 1 LUCKY BOY
The discovery cut of the Lucky Boy lode, the face of which being the discovery point, is on the lode line 10 ft. from the north end center; 5 ft. wide, 12 ft. face, runs North 18 ft. to face and portal of tunnel, 5x7 ft. in size and runs North 14 ft., thence East 10 ft. to breast.
Value \$540
Value of 1/2 interest \$270
- No. 2 An open cut, the mouth of which bears S. 87° 54' E., 250 ft. from Cor. No. 4 of the Lucky Boy lode; 5 ft. wide, 20 ft. face, running N. 20° W., 30 ft. to face and portal of tunnel, 5x9 ft. in size, runs North 18 ft., thence N. 60° E., 18 ft. to breast.
Value \$1020
Value of 1/2 interest \$510
- No. 3 An open cut, the mouth of which bears S. 81° 06' E., 210 ft. from Cor. No. 4 of the Lucky Boy lode; 6 ft. wide, 18 ft. face, running N. 20° W., 30 ft. to face.
Value \$350
Value of 1/2 interest \$175
- No. 4 There are 1740 ft. of graded trail from Carter Canyon to the improvements on the Lucky Boy and Lucky Girl lodes. This trail is for the sole benefit of making accessible these improvements.
Value \$174
Value of 1/2 interest \$87

Improvements No. 1, 2 and 3 have been done for the benefit of each of the two claims of this group. The mouth of each improvement is on the Lucky Boy claim and the face or breast is on the Lucky Girl lode. The ground rises rapidly towards the north and each improvement tends to benefit and develop the ore body of each claim. Therefore a 1/2 interest has been accredited to each claim. The trail is of equal benefit to each claim.

OTHER IMPROVEMENTS

A log Cabin, the northwest corner of which bears S. 72° 38' E., 234 ft., 20 x 46 ft., long side brg. N. 75° E. owned by applicant herein.
from Cor. No. 4 of the Aspen Grove Millsite.

OTHER CORNER DESCRIPTIONS.

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Sur. No. 4221 - Catalina # 1 lode. Cor. No. 3 is a schist rock 7x12 ins., 9 ins. above ground, mkd. C1-3-4221. Cor. No. 4 is a granite rock, 8x15 ins., 8 ins. above ground, mkd. C1-4-4221. Line 3-4 is correct as approved.

Sur. No. 4221 - Sunney Brook lode. Cor. No. 1 is a granite rock, 5x12 ins., 11 ins. above ground, mkd. SB-1-4221. Cor. No. 2 is a granite rock, 6x13 ins., 12 ins. above ground, mkd. SB-2-4221. Line 1-2 is correct as approved.

Sur. No. 4221 - Catalina # 4 lode. Cor. No. 2 is a granite rock, 7x12 ins., 7 ins. above ground, mkd. C4-2-4221. Cor. No. 3 is a garnite rock, 7x7 ins., 12 ins. above ground, mkd. C4-3-4221. Cor. No. 4 is a granite rock, 4x15 ins., 10 ins. above ground, mkd. C4-4-4221. Line 2-3 and 3-4 are correct as approved.

Sur. No. 4221 - Buck Horn lode. Cor. No. 1 is a granite rock, 9x13 ins., 10 ins. above ground, mkd. B-1-4221. Cor. No. 2 is a granite rock, 4x14 ins., 12 ins. above ground, mkd. B-2-4221. Line 1-2 is correct as approved.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by Ralph L. Motz

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

Randolph Jenks

known as the Lucky Boy and Lucky Girl lode, and Aspen Grove Mill site

and showing the respective capacities in which they acted.

Pete Komnenovich, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS

~~W. I.~~ Pete Komnenovich

and, do solemnly swear that we assisted

Ralph L. Motz, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Randolph Jenks

known as the Lucky Boy and Lucky Girl lodes and Aspen Grove mill site,

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, Arizona.

Pete Komnenovich, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 14

day of May, 19 40

W. K. Meischen

Notary Public, in and for the County of Cochise, State of Arizona.

My commission expires 2/3/41

FINAL OATH OF ~~U. S.~~ MINERAL SURVEYOR

I, Ralph L. Motz, ~~U. S.~~ Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Arizona., dated April 10, 1940,
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 _____
Randolph Jenks, known as the
LUCKY BOY and LUCKY GIRL lodes and Aspen Grove Mill Site,
situate in Old Hat Mining District,
Pima County, Arizona, in Section 8
25 & 36, Township No. 11 S., Range No. 15 E., G&SRB&M
and designated as Survey No. 4238 A&B Unsur., 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 his
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 in-
cluded in the estimate of expenditures upon any other claim.

Ralph L. Motz
(~~U. S.~~ Mineral Surveyor)

Subscribed and sworn to by the said Ralph L. Motz
U. S. Mineral Surveyor, before me W. H. Miescher, Notary Public
this 14
day of May, 1940

W. H. Miescher
Notary Public, in and for the
County of Cochise, State of Arizona.
My commission expires 2/3/41

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

United States
Department of the Interior
GENERAL LAND OFFICE
PUBLIC SURVEY OFFICE

Phoenix, Arizona

August 19th, 19 40

I, Office Cadastral Engineer at Phoenix, Arizona
do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey
of the mining claim of

Randolph Jenks

known as the LUCKY BOY and LUCKY GIRL lodes, and ASPEN GROVE Mill Site
situate in Old Hat

Mining District Pima County Arizona

in Sections 25 & 36, Township No. 11 S., Range No. 15 E., G. & S. R. M., and
Unsur.,

designated as Survey No. 4238 A&B, has been correctly copied from the originals on file in
this office; that said Field Notes furnish such an accurate description of said mining claim as will, if
incorporated into a patent, serve fully to identify the premises, and that such reference is made therein
to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements
made upon, or for the benefit of, each location embraced in said mining claim by claimant
or his grantors,
and that said improvements consist of 3 cuts, 2 cut and tunnels, and 1740 ft. of
trail, total value \$2204

and that no portion of said labor or improvements has been included in the estimate of expenditures
upon any other claim.

I further certify that the plat thereof, filed in the District Land Office at Phoenix,
Arizona is correct and in conformity with the foregoing Field Notes.

Sherman C. Fiske

Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

August 19th, 19 40

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

Randolph Jenks

, known as the

LUCKY BOY and LUCKY GIRL lodes, and ASPEN GROVE Mill Site

situate in Old Hat mining district,

Pima County, Arizona

in Sections 25 & 36, Township No. 11 S., Range No. 15 E., G. & S.R.M. Unsur.,

designated as Survey No. 4238 A&B

executed by Ralph L. Motz, Mineral

Surveyor, May 8 - 11, 19 40, under my instructions dated

April 10, 19 40, 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.

Sherman C. Fiske Office Cadastral Engineer.