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(4-683.)

Mineral Survey No. 1614

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Relief Gold Mining Co.

KNOWN AS THE

'Relief' Relief Mine No. 2 & Venus Leads

Unknown Mining District,

Maricopa County, Arizona Territory

Sections 3 & 10, Township 4 N, Range 1 E

Surveyed under instructions dated Dec 16th, 1901

by Erwin H. Treadwell

U. S. Deputy Mineral Surveyor.

Claim located Nov 28th 1901, Jan 10th 1895, Dec 5th 1901 (respectively)

Survey commenced Dec 20th, 1901.

Survey completed Dec 21st, 1901

o 6-160

Address of Claimant

Geo Hamilton Altziest

Phoenix

Arizona

Post Office

Box 68,

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, J. C. McCull and Paul D. Eckhart,
do solemnly swear that we will well and faithfully execute the duties of chain carriers;
that we will level the chain upon even and uneven ground and plumb the tally-pins,
either by sticking or dropping the same; that we will report the true distance to all
notable objects, and the true length of all lines that we assist in measuring, to the best
of our skill and ability, and in accordance with instructions given us, in the survey of
the Mining Claim of the Relief Gold Mining Co
By Geo. Hamlin Atty in fact, known as the
Relief, Relief mine N. 2 & Venus lode
situate in unknown mining district,
Maricopa County, Arizona Territory,
in Section 3 & 10, Township No. 4 N, Range No. 1 E G. T. S. R. B. M.

W H Merritt

J. C. McCull, Chainman.
Paul D. Eckhart, Chainman.

Subscribed and sworn to by the above-named persons before
me this 20th day of December, 181901

My Commission Exp. July 15th, 1905 W H Merritt
Notary Public

I, _____, do solemnly swear that I will well and
truly perform the duties of axeman, in the establishment of corners and other duties,
according to instructions given me and to the best of my skill and ability, in the survey
of the Mining Claim of _____

known as the _____,
more fully described in the preceding affidavit.

_____, Axeman.

Subscribed and sworn to by the said _____
before me this _____ day of _____
_____, 18 _____

I, _____, do solemnly swear that I will
well and truly perform the duties of flagman, in the establishment of corners and other
duties, according to instructions given me and to the best of my skill and ability, in the
survey of the Mining Claim of _____

known as the _____,
more fully described in the preceding affidavit.

_____, Flagman.

Subscribed and sworn to by the said _____
before me this _____ day of _____
_____, 18 _____

SURVEY No. 1614 VENUS LODGE.

Feet Beginning at Cor. No. 1
 Identical with the S.W. Cor. of the loc.
 A Porphyry stone 6X10X24 ins. set 12 ins. in the ground chiseled 1^V/_A-1614 with mound of stones alongside.
 Whence:
 Cor. to Sects. 3-4-9-10 T.4.N.R.1 E.G. & S.R. R. & M.
 Brs. N 78°29'W 128 feet.
 No other bearings available.

Thence N 3°55'W

25.6 *Interest Value of Sec. 10, T.4 N. R. 1 E, Sec. Cor. to West 123.6 ft and East ~~123.6~~ feet. Impossible to find 1/4 Sec Corner 5160.3*
 300 Mon W.E.C.
 600 To Cor. No. 2 .

Identical with the Cor., of the loc.
 A Granite stone 5X8X24 ins. set 12 ins. in the ground chiseled 2^V/_A-1614 with mound of stones alongside.
 No bearings available.

Thence N 36°.05'E

Va. 14°E

1500 To Cor. No. 3
 Identical with the cor of the loc. and with Cor. No. 2
 Relief lode of this Sur.
 A Granite stone 6X8X24 ins. set 12. ins. in the ground. Chiseled 3^V/_A^R-1614 with mound of stones alongside.
 No bearings available.

Thence S 3°55'E

Va. 14°E

300 Mon. E.E.C.
 600 To Cor. No. 4
 Identical with the Cor. of the loc. and with Cor. No. 1 of Relief lode of this Sur.
 A Porphyry stone 6X6X24 ins, set 12 ins. in the ground chiseled 4^V/_A^R-1614 with mound of stones alongside.
 No bearings available.

Thence S 86°.05'W

Va. 14°. E.

Fect.
 1126.1 Intersect the North line of Sect. 10 T. 4 N. R. 1. E G. & S. R. P. & M.
 Sec. Cor. brs. West ^{496.6} 498.4 feet And East ~~4777.6~~ feet.
 1500 To Cor. No. 1 the place of beginning. ^{4787.3}

RELIEF LODE.

Beginning at Cor. No. 1
 Identical with the S.W. Cor. of the loc. and with Cor.
 No 4 of Venus lode of this Sur. herein before de scribed
 Whence Cor. to Sects. 3-4-9-10 ^{T. 4 N. R. 1 E G. & S. R. P. & M.} brs. S 87°.17' W 1625.7 ft.
 No bearings available.

Thence N 3°.55' W

Va. 14°. E

300 Mon. W. E. C.

600 To Cor. No. 2

Identical with the Cor. of the loc. & with Cor. No. 3
 Venus lode of this Sur. hereinbefore described.
 No bearings available.

Thence S 83°.21' E

Va. 14°. E

1500 To Cor. No. 3

Identical with the Cor. of the loc. & with Cor. No 2 of
 Relief No. 2 lode of this Sur.

A Granite stone 6X8X24 ins. set 12 ins. in the ground.
 chiseled ^{R. R. 112} 3.2-1614 with mound of stones alongside.
 No bearings available.

Thence S 3°.55' E

Va. 14°. E

300 Mon. E. E. C.

502.9 Intersect the North line of Sec. 10 T. 4 N. R. 1 E. G. & S. R. R. & M
 Sec. Cor. brs. West ^{3101.0} ~~3104.4~~ ft. & East ~~2171.6~~ ^{2182.9}

600 To Cor. No. 4.

Identical with the Cor. of the loc. & With Cor. No. 1 of
 Relief No. 2 lode of this Sur.

A Granite stone 8X10X 24 ins. set 12 ins. in the ground
 chiseled ^{R. R. 112} 4.1-1614 with mound of stones alongside
 No bearings available.

Thence N 83°.21' W

Va. 14°. E

Foot
 835.8 Intersect the North line of Sec. 10 T.4.N.R.1.E.G&S.R.P.& M.
 Sec. Cor. brs. West ~~2330.9~~^{2279.6} ft. & East ~~3004.3~~^{3004.3} ft.
 1500 To Cor. No. 1 the place of beginning.

Min
 RELIEF NO. 2 ~~1000~~.

Beginning at Cor. No. 1
 Identical with the S.W. Cor. of the loc. & with Cor. No.
 4 of Relief lode of this Sur. hereinbefore described.
 Whence:
 Cor. to Secs. 3-4-9-10 T.4.N.R.1.E.G&S.R.P&M. bears
 N 88°.13'W 3113.1 feet.
 No other bearings available.

Thence N 3°.55'W
 Va. 14°.E

97.1 Intersect the North line of sec. 10 T.4.N.R.1E.G&S.R.P&M.
 Sec. Cor. bears West ~~3104.4~~³¹⁰⁶ & East ~~2171.8~~^{2182.9} ft.
 300 Mon. W.E.C.
 600 To Cor. No. 3
 Identical with the Cor. of loc. and with Cor. No. 3
 Relief lode of this Sur. hereinbefore described.
 No bearings available.

Thence S 83°.21'E
 Va. 14°.E

1500 To Cor. No. 3
 Identical with the Cor of the loc.
 A Granite stone 6X10X24 ins. set 12 ins. in the ground
 chiseled ^{R.N:2} 3-1614 with mound of stones alongside.
 No bearings available.

Thence S 3°.55'E
 Va. 14°.E

300 Mon. E.E.C.
 328.9 Intersect the North line of sec. ¹⁰ T.4.N.R.1E.G&S.R.P&M.
 Sec. Cor. brs. West ~~4587.5~~^{4571.3} & East ~~693.5~~^{712.6} ft.
 600 To Cor. No. 4.
 Identical with the Cor. of the loc.
 A Granite stone 6X12X28 ins. set 15 ins. in the ground.
 chiseled ^{R.N:2} 4-1614 with mound of stones alongside.
 No bearings available.

Feet.
 1500 Thence N 83°.21'W
 Va. 14°.E
 To Cor. No.1 the place of beginning.

LOCATION

This claim is located part in Sec.3 & part in Sec. 10 T.4.N.R.I.E.G. & S. R. P.& M.Maricopa County Arizona.

This claim is bounded by U.S.land there are no known adjoining claims.

Area.

Total and net area Venus lode	20.661 Acres
" " " " Relief "	20.635 "
" " " " Relief ^{mine} No. 2	<u>20.635 "</u>
Total net area of the lode claim	61.931 Acres.

LEDGES.

The ledge on Venus lode runs S 86°.05'W 1500 ft. from mon.Cr.of the East end.
 The ledge on Relief lode runs S 83°.21'E 1500 feet from Mon. Cr of the West end.
 The ledge on Relief No.2 lode runs S 83°. 21'E 1500 ft. from mon. Cr .of the West end.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimants and their grantors, is not less than five hundred dollars for each lode, and said improvements consists of:

Venus lode.

- No.1 ^{discovery} shaft which brs. N56°.W 12 ft. from mon.or East end of lode 4X6X20 ft. deep Value. \$160.00
- No.2 shaft which brs. S75°.15'E 892 ft. from Cor. No.2. 4X6X10 ft. deep Value 60.00
- No.3 shaft which brs. S 63°.E 633 ft. from Cor. No.2 4X6X10 ft. deep Value 60.00

\$220.00 of the work in shaft No.1 Relief lode is credited to this lode.

Relief lode.

No. 1 ^{discovery} shaft which brs. S 83°.21'E 25 ft. from mon. Cr.
w. end of lode 4X6X30. ft. deep Value. \$240.00

\$220.00 of this work is credited to Venus lode.

No. 2 shaft. which brs. S 21°.35'E 312 ft. from Cor.
No. 2 4X6X40 ft. deep Value \$320.00

No. 3 shaft which brs. S 46°.50'E 500 ft. from Cor. No
2 4X6X10. ft. deep Value 60.00

No. 4 shaft which brs. S 52°.30'E 540. ft. from Cor.
No. 2 4X5X220 ft. deep Value \$2200.00

\$310.00 of this work is credited to Relief No. 2 lode

Relief No. 2. ^{mine} ~~lode~~

No. 1 ^{discovery} shaft which brs. S 83°.21'E 83 ft. from mon. at West
end Cr. 4X6X10 ft. deep Value \$60.00

No. 2 shaft which brs. S 57°.20'E 760. ft. from Cor. No. 2
4X6X10 ft. deep Value 60.00

No. 3 shaft which brs. S 75°.10'E 665 ft. from Cor. No.
2 4X6X12 ft. deep Value 70.00

\$310.00 of the work in No. 4 shaft Relief lode is cred
ited to this lode.

Instrument

This survey was made with a Gurley Light Mountain
Solar Transit. The courses were deflected from the
true meridian as determined by direct solar observations.
The distances were measured with 100 ft. and 500-ft.
steel tapes.

Ernie D. Treadwell

U.S. Deputy Mineral Surveyor.

Prescott, Arizona.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Erwin D. Treadwell
 United States Deputy 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 The Relief Gold Mining Co.
 known as the "Relief" Relief Mine No. 2 & Venus Lease
 and showing the respective capacities in which they acted.

F. C. McCall, Chairman.
Paul D. Eckhart, Chairman.
 _____, Arman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, F. C. McCall
 and Paul D. Eckhart, do solemnly swear that we assisted Erwin D. Treadwell,
Treadwell, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The Relief Gold Mining Co.
Relief Mine No. 2 & Venus Lease, known as the "Relief"
Relief Mine No. 2 & Venus Lease, represented
 in the foregoing field notes as having been surveyed by said deputy 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 United States Surveyor-General for
Arizona.

F. C. McCall, Chairman.
Paul D. Eckhart, Chairman.
 _____, Arman.
 _____, Flagman.

W H Merritt

Subscribed and sworn to by the above-named persons before me
 this 21st day of December, 1901

W H. Merritt
Notary Public
My Commission expires July 15th 1905

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Erwin D. Trendell, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Dec 16th 1901, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of The Relief Gold Mining Co, known as the "Relief" Relief Mine N^o 2 & Mercur Level, situate in Unknown Mining District, Maricopa County, Arizona, in Section 3 & 10, Township No. 4 N, Range No. 1 E. G. & S. R. 8 & 11, and designated as Survey No. 1614, 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 Surveyor General with said instructions, and that all the 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 improvements made upon said mining claim by claimant or their 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.

Erwin D. Trendell
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Erwin D. Trendell
U. S. Deputy Mineral Surveyor, before me W. H. Merritt
A Notary Public this 27th
day of December 1901

W. H. Merritt

W. H. Merritt
Notary Public

My Commission Expires July 15th 1905

Affidavit of Five Hundred Dollars Improvements.

We, J. C. McCall, and Paul D. Ekhart

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Relief, Relief Mine N. 2 & Versus Look mining claim, situate in Unkrun Mining District, Maricopa County, Arizona Territory, for which the Relief Gold Mining Co by George Hamilton Atkinson have made application for survey prior to application for patent under the provisions of the Act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and their grantors exceed Five Hundred Dollars in value, for each tract and further, that we are not personally interested in said mine.

J. C. McCall
Paul D. Ekhart

TERRITORY OF ARIZONA,
County of Yavapai } ss:

Sworn to and subscribed before me, this 21st day of December, 1904.

W H Merritt

W H Merritt
Notary Public
My commission expires July 15th 1905

Notice of Location.

To all whom it may concern: Notice is hereby given that the undersigned having complied with all the requirements of Chapter VI of Title 52 of the Revised Statutes of the United States, and the local mining laws, rules and regulations has this day located fifteen hundred (1500) linear feet of this vein or lode bearing precious metals, with all dips, spurs, angles and variations with surface ground three hundred (300) feet on each side of the center of vein, with all mineral deposits contained therein, and all timber growing within the limits of said claim, and all water and water privileges thereon or appurtenant thereto, under and according to the provisions of the United States mining laws under which it is located. This claim commences at this monument and notice placed upon the ledge, and runs 1500 feet in a Eastern direction and 300 feet in a direction along the ledge. The exterior boundaries are as follows, to wit: Commencing at a monument of stone at the West end center of claim, and running 300 feet in a Southerly direction to a monument of stone at the South-West corner of claim; thence in a Easterly direction parallel with the ledge 1500 feet to a monument of stone at South-East corner of claim; thence at right angles across the ledge in a Northerly direction 600 feet to a monument of stone at the Northeast corner of claim; thence parallel with the ledge in a Westerly direction 1500 feet to a monument of stone at North-West corner of claim; thence at right angles across the ledge in a Southerly direction 300 feet to a mon-

\$175

TERRITORY OF ARIZONA, } ss.
County of Maricopa.

I, B. F. McFALL, County Recorder in and for the County and Territory aforesaid,
hereby certify that I have compared the foregoing copy with the ~~original~~ Record of
The Relief Mine No # 2
filed and recorded in my office on the *15* day of *June*, *1895*^{~~190~~}, in Book
No. *7* of *Mines* at Page *195*
and that the same is a full, true and correct copy of such original
and of the whole thereof.



Witness my hand and seal of office, this *2nd*
day of *November* 190*1*
B. F. McFall
County Recorder.
By *A. S. Curtis*
Deputy.

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mount upon the ledge and place of beginning.

This ledge may be more generally described as situated 2 2 miles North-West of Phoenix, 2 miles West of New River and 2 1/2 miles East of Agua Fria River, and is East extension of Relief mine and joins the East end of Relief mine, Fox - Mining District, Maricopa County, Arizona Territory, and shall be known as the Relief Mine No. 2 Mining Claim.

Dated on the ground, this 10th day of June, 1895.

Witness: Geo. Hamilton, Locator.

Filed and recorded at request of George Hamilton, June 10, 1895, at 10²⁵ A. M.

Winthrop Lane,

County Recorder.

By F. H. Sheridan, Deputy.

Notice of Location

To all to whom it may concern, Notice is hereby given that the undersigned, having complied with all the requirements of Chapter 11 of Title 32 of the Revised Statutes of the United and the local mining laws, rules and regulations, have this day located Fifty Hundred (500) linear feet of their vein or lode, bearing precious metals, with all dips, ~~spurs~~ ^{and} angles, ^{and} variations with surface grounds three hundred (300) feet on each side of the center of vein with all mineral deposits contained therein, and all timber growing with the limits of said claim, and all water and water privileges thereon or appertaining thereto, under and according to the provisions of the United States Mining laws, under which it is located. This claim commences at this monument and notice placed upon the ledge and runs fifty hundred feet in an easterly direction along the ledge. The exterior boundaries are as follows, to wit commencing at a monument of stone at the west end of claim and running three hundred feet in a southerly direction to a monument of stone at south west corner of claim, thence in an easterly direction parallel with the ledge fifty hundred feet to a monument of stone at south east corner of claim, thence at right angles across the ledge in a northerly direction six hundred feet to a monument of stone at north east corner of claim, thence parallel with the ledge in a westerly direction fifty hundred feet to a monument of stone

B 175

TERRITORY OF ARIZONA, } ss.
County of Maricopa.

I, B. F. McFALL, County Recorder in and for the County and Territory aforesaid, hereby certify that I have compared the foregoing copy with the ~~original~~ *Record of the Relief Mining Claim* filed and recorded in my office on the *14th* day of *December* 190*0*, in Book No. *5* of *Mines* at Page *238* and that the same is a full, true and correct copy of such ~~original~~ *Record* and of the whole thereof.



Witness my hand and seal of office, this *2nd* day of *November* 190*0*

B. F. McFall
County Recorder.
By *A. S. Arthur*
Deputy.

Page 238 Book 5

at the North west corner of claim thence at
 right angles southerly direction three hundred
 feet to a monument at the west water end,
 and place is beginning

This lead may be more generally described
 as situated in the south end of the low range
 of hills between New River and Agua Fria
 and about five miles north of where the
 Oregon Canal empties into New River, in the
 unknown name Mining District Maricopa
 County Territory of Arizona and shall be known
 as the Helix Mining Claim.

Dated on the ground, this 25th day of November
 1891.

Witness } Sam Webb locator
 — R. S. Reynolds locator

Recorded at request of R. S. Reynolds,
 December 14th 1891 at McCook P.M.O.,
 Mori Arizona.

County Recorder
 By, Wm. L. Thomas
 Deputy

Notice of Location

To all whom it may concern:

Notice is hereby given that the undersigned, having complied with all the requirements of Chapter VI of Title 32 of the Revised Statutes of the United States and the local mining laws, rules and regulations, have this day located fifteen hundred (1500) linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations with surface ground, three hundred (300) feet on each side of the center of vein, with all mineral deposits contained therein, and all timber growing within the limits of said claim and all water and water privileges thereon or appurtenant thereto, under and according to the provisions of the United States mining laws under which it is located. This claim commences at this monument and notice placed upon the ledge and runs westerly hundred feet in a westerly direction along the ledge. The westerly boundary is as follows to wit: Commencing at this monument of stone at the center in east end of vein and running three hundred feet in a westerly direction to a monument of stone at north east corner of claim thence in a westerly direction parallel with the ledge fifteen hundred feet to a monument of stone at north west corner of claim thence at right angles across the ledge in a westerly direction six hundred feet to a monument of stone at north west corner of claim, thence parallel with the ledge in a easterly direction fifteen hundred feet to a monument of stone at south east corner of claim, thence at right in a northerly direction three

TERRITORY OF ARIZONA, } ss.
County of Maricopa.

I, B. F. McFALL, County Recorder in and for the County and Territory aforesaid,
hereby certify that I have compared the foregoing copy with the ^{Record}~~original~~ of the Venus
Mining Claim

filed and recorded in my office on the 16 th day of January 1892 ~~190~~, in Book
No. 5 of Mines at Page 264

and that the same is a full, true and correct copy of such ~~original~~
and of the whole thereof.

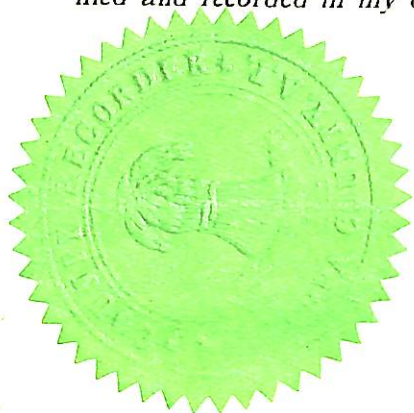
Witness my hand and seal of office, this 2 nd
day of November 190 1.

B F, Mc Fall

County Recorder.

By *W.S. Arthur*

Deputy.



POOR QUALITY

The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.

Hundred feet to a monument upon the ledge and
 place of beginning. This ledge may be more
 generally described as situated in the low range
 of hills between the Agua Fria and New River and
 being the west extension of the Relief Mining Claim.
 In the unknown name Mining District, Maricopa
 County, Territory of Arizona, and shall be known as
 the Venus Mining Claim.

Dated on the ground this 23rd day of Dec, 1891.

Witness

Sam F. Hebb Locator

Geo. Hebb

Mary J. Hebb Locator

Sam Hebb,

G. H. Hebb Locator.

Recorded at request of Sam F. Hebb January 16th
 1892 at 35 minutes past 4 o'clock P.M.

Neil Osborne

County Recorder

(4-687.)

Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

Department of the Interior,

Office of U. S. Surveyor General,

Phoenix, Arizona

March 27, 190*2*

I, U. S. Surveyor General for *Arizona*,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the

Survey of the Mining Claim of *The Relief Gold Mining Co.*

by George Hamlin, Atty in fact,

, known as the

Relief, Relief Mine No. 2, Venus lodes,

situate in *unknown* mining district,

Maricopa County, *Arizona*

in Sections *9+10*, Township No. *4 N.*, Range No. *1 East*

, designated as Survey No. *1614*

executed by *Erwin D. Treadwell*, U. S. Deputy Mineral

Surveyor, *Dec. 20-21*, 190*1*, under my instructions dated

Dec. 16, 190*1*, 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. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes.

Hugh H. Price
U. S. Surveyor General for *Arizona*

LARGE

MAP

INSERT
