

MS.

01763



(4-683.)

Mineral Survey No. 1763

Lot No. ....

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Geo. B. Chittenden

KNOWN AS THE

Christmas Mining claim

San Carlos Mining District,

Gila County, Arizona

Section Unsurveyed Township Unsurveyed, Range Unsurveyed  
*approximately 16th would U of Surveyed. Dec. 19, 1898.*  
*R. 16 E. of T. 20. R. 33 N.*  
Surveyed under instructions dated Feb. 24, 1903,

by Albert G. Patton,  
U. S. Deputy Mineral Surveyor.

Claim located Dec. 23, 1902

Survey commenced Feb 24, 1903

Survey completed Feb 25, 1903

o 6-100

Address.

Geo. B. Chittenden,

Dudleville,

Arizona.

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, \_\_\_\_\_ and John M. Phey, 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 Geo B. Leittenden

\_\_\_\_\_, known as the Christmas Mining Claim situate in San Carlos mining district, Gila County, Arizona in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. unsurveyed

John M. Phey, Chainman.  
\_\_\_\_\_, Chainman.

Subscribed and sworn to by the above-named persons before me this 24 day of February, 1895

Albert D. Patton

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 1763.  
 Christmas Lode.  
 Beginning at Cor. No. 1  
 Identical with cor. of location  
 southwesterly corner of claim.  
 A sandstone in place  
 showing 18 x 14 x 12 in above  
 ground chiseled 1-1763 and  
 + at corner point, a mound  
 of stone 2 ft base 1 1/2 ft  
 high alongside whence  
 discovery monument  
 bears N. 72° 32' E. 792 ft  
 U. S. L. M. No 1 bears  
 N 59° 10' E 322 ft.  
 No other bearings available.

Thence S. 85° 20' E.  
 1085 Center of dry wash 20 ft wide  
 on bottom. Course N. 45° E.  
 1245 To Cor. No. 2.  
 A sandstone 24 x 16 x 6 in.  
 set 12 in. in the ground  
 chiseled 2-1763. and + at  
 corner point, mound of  
 stone 2 ft base 1 1/2 ft high  
 alongside.  
 Original location monument  
 bears S. 85° 20' E. 108 ft.  
 No bearings available.

Thence N. 11° 55' E.  
 70' ~~55~~ Intersect south line of  
 "Cannonball" claim (unsur-  
 veyed) at N. 70° W. 42 ft  
 from S. E. cor. of claim.  
 215 Center of dry wash 20 ft  
 wide on bottom.  
 Course N. 45° E.  
 301 Loc. mon. for E. end center  
 bears N 39° 30' E. 142 ft.



585 Intersect N side line of  
"Cannonball" claim at  
N. <sup>72° 45'</sup> 80° W. 82 ft. from N. E.  
Cor. of claim.

602 To Cor. No. 3.

A sandstone 24 x 14 x 6 in.  
set 12 in. in the ground  
chiseled 3-1763 and + at  
the cor. point, with mound  
stone 2 ft base 1 1/2 ft high  
alongside.

Loc. Mon. for N. E. cor of  
claim bears N. 11° 55' E;  
108 ft, no bearings available.

Thence N. 85° 20' W.

101 Intersect N. side line of  
Cannonball claim at N. 80° W. 720  
185 ft. from N. E. Cor. of claim. 480

995 Center of dry wash 20 ft. wide  
on bottom, course N. 85° E.

1245 To cor. No. 4.

Identical with N. W. cor. of  
claim.

A sandstone in place  
showing 28 x 14 x 12 in. above  
ground, chiseled 4-1763  
and + at cor. point with  
mound of stones 2 ft base  
1 1/2 ft high alongside.

No bearings available.

Thence S. 11° 55' W.

301 To loc. Mon. for west end center.

330 Intersect S. side line of Can-  
nonball claim at S. 70° E.  
190 ft. from S. W. cor. of claim.

335 Center of dry wash 20 ft wide  
on bottom. Course N. 32° E.

602 To cor. No. 1, the place of  
beginning.



Variation at all corners  
13° 45' E.

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Area.  
Total Area 17.07 Acres.

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This claim is located on  
unsurveyed land in  
approximately what would  
be, if surveyed Sec 19 T. 4 S.

R. 14 E. T. 4 S. R. 10. W. Lawrence M. G. and  
Gila Co. Ariz.

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Expenditure of Five hundred  
dollars, I certify that the value  
of labor and improvements  
upon this claim placed  
thereon by the claimant  
is not less than five hun-  
dred dollars, and that said  
improvements consist of,

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1 - Discovery cut S. end of face  
bears from Cor. No. 1. N. 74° E.  
800 ft. average width 15 ft.  
runs W. 12 ft. Depth at face  
18 ft. all in rock.

Value \$120

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2 - Open cut, center of S. W.  
end bears from Cor. No. 1  
N. 69° E. 640 ft. runs N. 85° E.  
40 ft. cuts S. 12 ft. 10 ft deep  
at face. Value \$150.

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3 - An open cut, West end  
bears from Cor. No 4 S 83° E.  
120 ft. Extends S. 83° E. 30 ft. cuts  
N. 10 ft 12 ft deep at face, all  
in ore. Value \$70.



4 - A tunnel 4 x 6 ft running  
N.  $85^{\circ}$  W. 30 ft, all in ore.  
The mouth bears S.  $80^{\circ}$  E. 220 ft.  
Value \$240

5 - An open cut N. end of  
which bears from Cor. No. 4  
S.  $83^{\circ}$  E. 370 ft extends S.  $80^{\circ}$  E.  
50 ft, cuts 10 ft south, 10 ft  
deep at face.  
Value \$100

6 - A tunnel 4 x 6 ft runs  
south 72 ft all in rock.  
mouth bears from cor. 4  
S.  $84^{\circ}$  E 450 ft.

The last 54 ft. of this tunnel  
to be credited to claimant.  
Value \$500.

The first 18 ft is old working  
valued at \$150.

7 - A tunnel 4 x 6 ft runs  
south 15 ft in rock, mouth  
bears from cor. no. 3. S.  $85^{\circ}$  45' W.  
580 ft Value \$100

Other improvements consist-  
ing of old workings some  
time prior to Jan 1 1903  
by parties to me unknown.

8 - An old tunnel 4 x 6 ft.  
runs S. 15 ft. mouth bears  
from cor. 4 S.  $82^{\circ}$  E. 260 ft.  
Value \$100

9 - An old tunnel 4 x 6 ft.  
running W. 25 ft. mouth bears  
from cor. no. 3 S.  $79^{\circ}$  30' W. 450 ft.  
Value \$200



10 - An old open cut 4 ft wide  
10 ft deep at face runs west.  
12 ft, mouth bears from cor.  
No 1 N 63° E. 600 ft.  
Value \$ 100

11 - A new tunnel 4 x 6 ft  
running west 12 ft, mouth  
bears from cor. No. 1 N. 52° 30' E  
670 ft. Value \$ 75

There is a monument at  
this point in which I found  
a location notice of the  
"Cannonball" claim by  
Michael O'Brien dated  
Jan 27<sup>th</sup> 1903.

12 - A new open cut 5 ft wide  
running west 18 ft 10 ft deep  
at face, mouth bears from  
cor 3. S. 75° 30' W 350 ft.  
Value \$ 100

There is a monument of  
stone at this point in which  
I found the location notice  
of the O'Brien claim by N.S.  
Barry. dated Jan 27<sup>th</sup> 1903  
claiming ground identi-  
cal with "Cannonball" claim.

Instrument.

This survey was made with  
a Young and Sons. Light  
Mountain Transit.

The courses were deflected  
from the true meridian as  
determined by observation on  
Polaris. at western elongation.  
The distances were measured  
with a 100 ft. steel tape.



Adjoining Claims.  
This claim is joined on the north by the Cannonball lode (unsurveyed), on the west by the Cannonball and Red Bird (unsurveyed), on the south by the Iron Cap, Geology and Contact lodes (all unsurveyed), on the east by Cannonball lode

General Description.

The discovery cut of the Christmas lode is in ore and about 150 ft higher than the east end of claim. There is no defined vein, but the ore outcrops along the north side of the claim and also across the claim in a northerly and southerly direction at 200 ft west of the east end of the claim. It also outcrops at 100 ft west of the east end center of claim.

And presumably through but the center  
S. 85° 20' E. 1245 from W. E. Cent of claim

Albert J. Patton  
U.S. Deputy Mineral Surveyor.



Location of U. S. S. M. No. 1763.  
 San Carlos Mining District,  
 Gila County, Arizona  
 Feb. 25<sup>th</sup>, 1903.

There being no corner of public land survey, nor a location monument within two miles of this survey I establish a location monument as follows; on top of hill on Christmas lake survey no. 1763. West of the Gila river. Elevation above river 770 feet. distance. one mile.

A Diorite rock in place 30 x 48 ins. showing 30 ins. above ground, chiseled U. S. S. M. No. 1763 on top of rock. and at cor. joint.

Whence.

Cor. no. 1 Christmas lake Survey. 1763  
 bears S. 59° 10' W. 322 feet,

Highest point on Pinal Mountain  
 bears N. 16° 45' W. about 15 miles.

Old San Carlos Copper Camp.

North about 1/2 mile.

Mouth of Drifting Springs wash.  
 bears N. 50° E. about 2 miles.

Highest point on Mt. Turnbull.

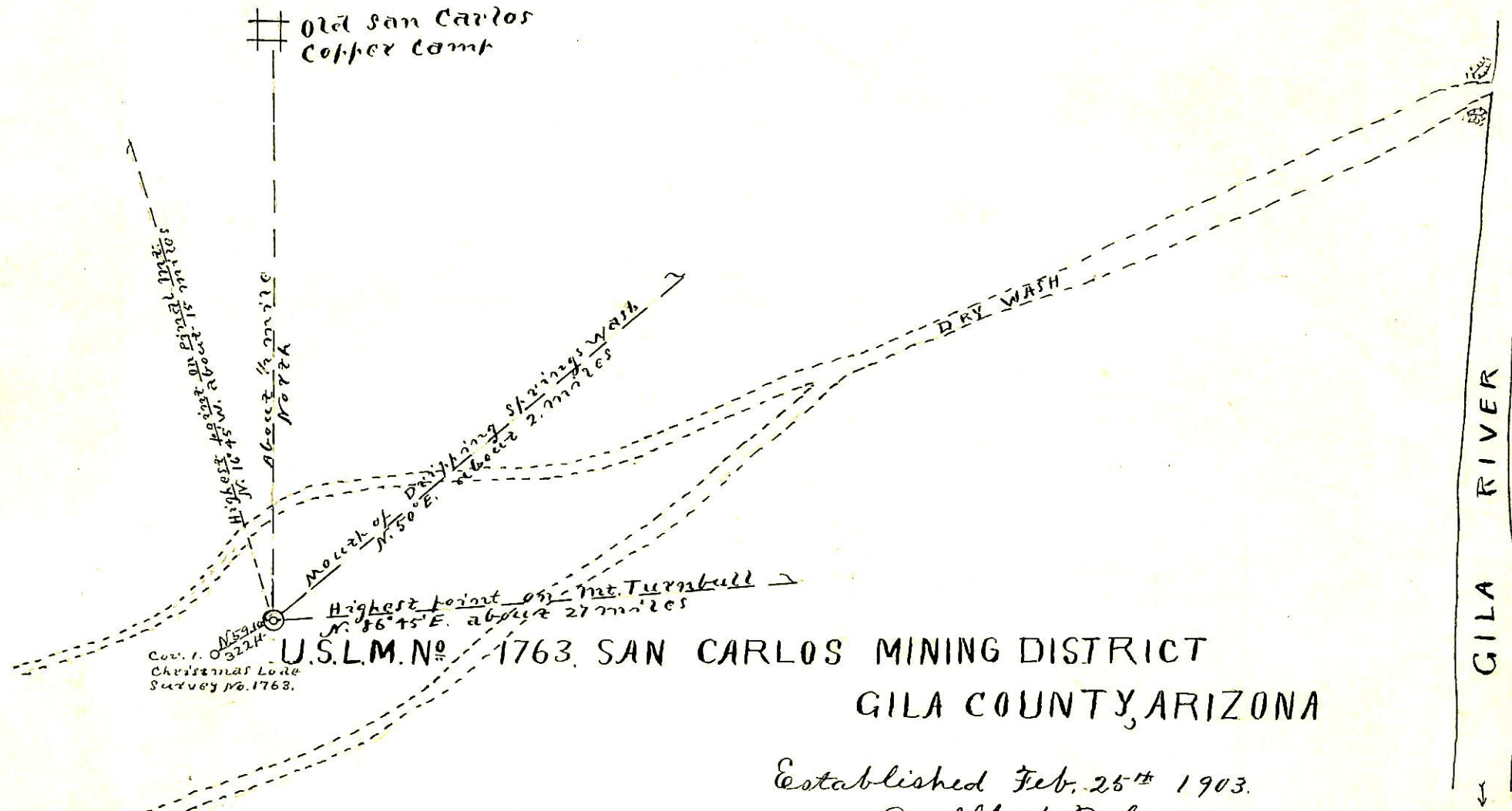
(A sharp prominent point)

bears N. 80° 45' E. about 27 miles.

Mag. Var. 13° 45' E.

Albert J. Colton  
 U. S. Deputy Mineral Surveyor.





U.S.L.M. No. 1763. SAN CARLOS MINING DISTRICT  
GILA COUNTY, ARIZONA

Established Feb. 25<sup>th</sup> 1903.  
By Albert T. Colton  
U.S. Deputy Mineral Surveyor

A Diorite rock in place. 30 x 48 ins.  
Showing 30 ins. above ground, chiseled. U.S.L.M. 1763  
and at corner point, a mound of stone 6 ft. base  
4 ft. high along side.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Albert T. Bealton  
 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 Geo. B. Schittenden  
 known as the Christmas Mining Claim  
 and showing the respective capacities in which they acted.

John M. Phey ..... , Chairman.  
 ..... , Chairman.  
 ..... , Axman.  
 ..... , Flagman.

## FINAL OATHS OF ASSISTANTS.

We, I John M. Phey  
 and ..... do solemnly swear that I assisted Albert T.  
Bealton ..... , United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of Geo. B. Schittenden  
 ..... , known as the Christmas  
mining claim ..... , 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 .....

John M. Phey ..... , Chairman.  
 ..... , Chairman.  
 ..... , Axman .  
 ..... , Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 28th day of February , 1903

David C. Stevens  
 Clerk, District Court, Second Judicial  
 District of Arizona, in and for  
 Pinal County.



(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Albert P. Walton, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Feb. 21 - 1903, 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 Geo. B. Lutterenden, known as the Christmas mining claim, situate in San Carlos Mining District, Pinal County, Arizona, in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. Unsurveyed, and designated as Survey No. 1763, 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 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 included in the estimate of expenditures upon any other claim.

Albert P. Walton  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Albert P. Walton  
U. S. Deputy Mineral Surveyor, before me  
this 28th  
day of February, 1903.

Daniel C. Stevens  
Clerk, District Court, Second Judicial  
District of Arizona, in and for  
Pinal County.



NOTICE OF MINING LOCATION

12

Quartz Claim

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Christmas Mining Claim, situate on lands belonging to the United States of America, and in which <sup>there</sup> are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by the undersigned, on the 23rd day of December 1902. W.D.F.

The length of this claim is 1500 feet and I claim seven hundred & fifty feet in an easterly direction and seven hundred & fifty feet in a westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the East to the West

The claim is situated and located in the San Carlos Mining District, in Gila County, in the Territory of Arizona, about three quarters of a mile in a westerly direction from The Gila River & in the southern side of what is known as the San Carlos Copper Camp

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a point 750 ft in a westerly direction from this monument with a monument at a point in a westerly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the West end line of said claim; thence Southerly 300 feet to a monument being the South West corner of said claim; thence Easterly 1500 feet to a monument being at the South Easterly corner of said claim; thence Northerly 300 feet to a monument being the







center of the Easterly end of said claim; thence 300 ft. to a monument, being at the North East corner of said claim; thence 1500 ft. Westerly to a monument at the North West corner of said claim; thence Southerly 300 feet to the place of beginning.

All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Codify and Revise the Laws of the Territory of Arizona", approved March 16th, 1901.

Dated and posted on the ground this 23rd day of December 1902.

Geo. B. Chittenden

Witness A. G. Eldridge

Filed and recorded at the request of Thomas D. Saterwhite, December 31st, 1902, at 8.30 o'clock A. M. Book 8, Records of Mines, Page \_\_\_\_\_

R. J. Williams, County Recorder.

Territory of Arizona)  
 )ss.  
 County of Gila )

I, W. D. Fisk, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 30 minutes past 8 o'clock A. M. on the 31st day of December, A. D. 1902, and duly recorded in Book 8, Records of Mines, at Page \_\_\_\_\_ Gila County, Arizona.

Witness my hand and official seal this 22nd day of January, A. D. 1903.

W. D. Fisk

County Recorder.



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 12", 1903.

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 George B. Chittenden,

known as the Christmas mining claim

situate in San Carlos mining district,

Gila County, Arizona.

in Section, Township No., Range No. unsurveyed.

designated as Survey No. 1763.

executed by Albert J. Colton, U. S. Deputy Mineral

Surveyor, February 24-25-1903, 1903, under my instructions dated

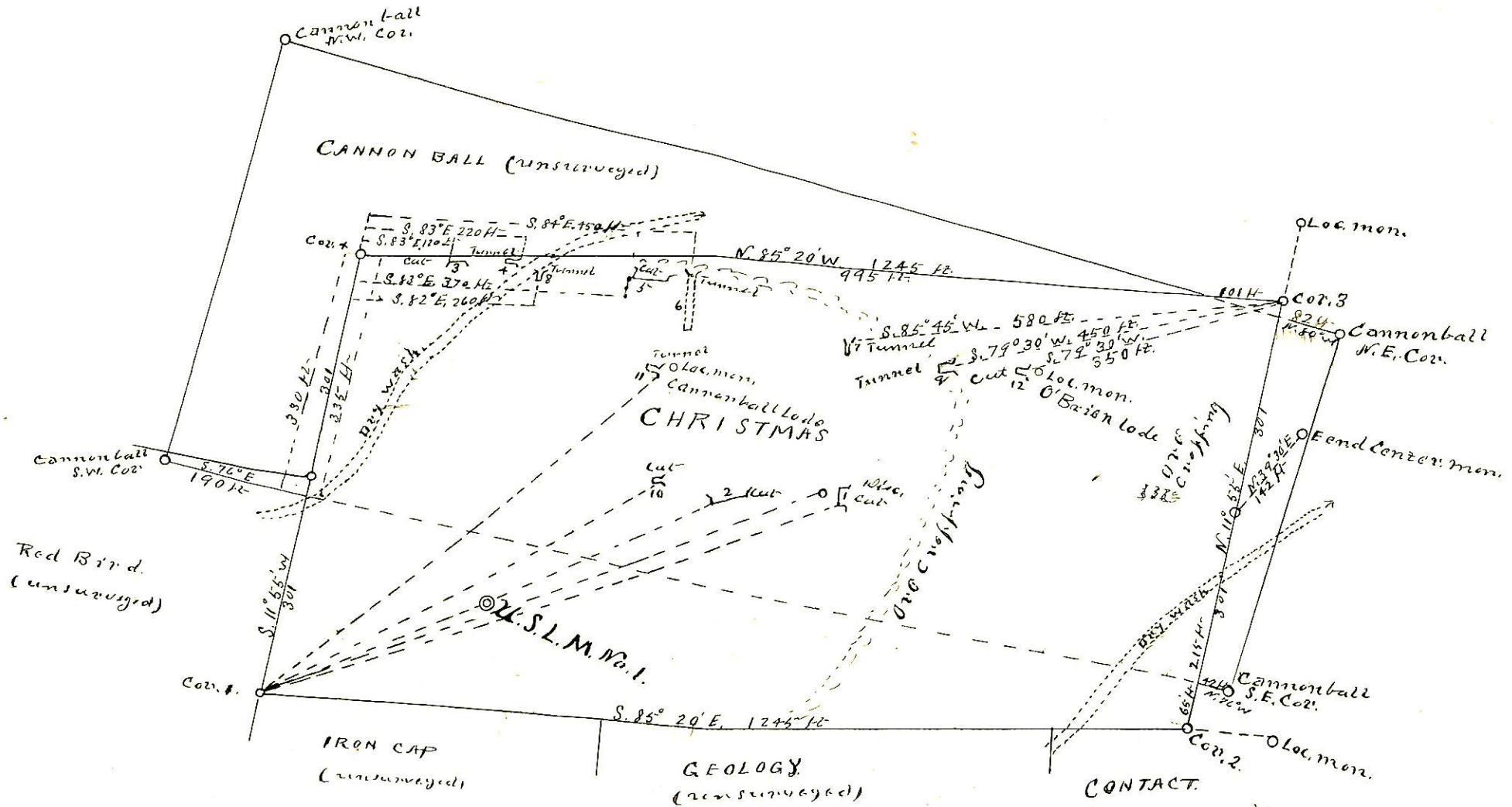
February 24", 1903, have been critically examined and the necessary cor-

rections 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.





SURVEY No. 1763  
 GILA LAND DISTRICT  
 Surveyed Feb. 24-25, 1903  
 By Albert T. Colton  
 U.S. Dep. Min. Surveyor