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Reddick 4/1/90

(4-683.)

Mineral Survey No. 1590

Lot No. _____

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

G. A. Whiteford

KNOWN AS THE

Durham

in Mineral Creek

Mining District,

Pinal

County,

Territory of Arizona

~~Section~~ approximate in Township

4 South

Range

Range 13 East, Gila + S. R. M.

Surveyed under instructions dated

July 31st, 1901

by

Charles von Meleben

U. S. Deputy Mineral Surveyor.

Claim located

September 3rd

1898

Survey commenced

August 9th

1901

Survey completed

August 10th

1901

Address:

0-160

W. C. Truman

Agent

Florence

Arizona.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, J. W. Thomas and A. P. Anderson,
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 J. A. Whiteford

known as the Dunham,
situate in Mineral Creek mining district,
Pinal County, Arizona, approximate
~~in Section~~ Township No. 4 South, Range No. 13 East, Gila and Salt River Meridian

*My commission expires
January 29th 1905*

J. W. Thomas, Chainman.
A. P. Anderson, Chainman.

Subscribed and sworn to by the above-named persons before
me this 9th day of August, 1904.

Charles von Esleben, Notary Public.

I, Pedro Bida, 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 J. A. Whiteford

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

*My commission expires
January 29th 1905.*

Pedro Bida, Axeman.

Subscribed and sworn to by the said Pedro Bida
before me this 9th day of
August, 1904.

Charles von Esleben
Notary Public.

I, Alberto Lopez, 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 J. A. Whiteford

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

Alberto Lopez, Flagman.

Subscribed and sworn to by the said Alberto Lopez
before me this 9th day of
August, 1904.

Charles von Esleben
Notary Public.

My commission expires January 29th 1905. Notary Public.

feet:

Mineral Survey No. 1590.

Durham Lode.

Beginning at Cor: N^o 1. Identical with the North East Corner of the location. —

U. S. Location Monument No. 1590 bears South 65° 5' West 568 $\frac{7}{8}$ dist: —

A pine post, 4 $\frac{1}{2}$ feet long, 4 inches square, set 18 inches in the ground, scribed: Cor. N. D. 1590 with mound of stone, 3 $\frac{1}{2}$ feet base, 2 feet high alongside. — No bearings available. —

Thence South
Variation 13° 10' East

over level land, through dense undergrowth of arrowweed to

200. — East End Center of the Claim, identical with the location. A pine post 4 $\frac{1}{2}$ feet long, 4 inches square, set 18 in in the ground scribed E. E. C^o D. 1590 with mound of stone 3 $\frac{1}{2}$ feet base, 2 feet high alongside. — No bearings available. —

Thence South
Variation 13° 10' East

over level land through dense arrowweed to

395 East Bank of Mineral Creek, about 200 feet wide — Course Southerly, Thence across Mineral Creek to

000. — Corner N^o 2, identical with the Southeart Corner of the Location. — At this point falls in the bed of the creek, I establish here a corner point and East 105 feet from this corner point on the highest ground of the East Bank of Mineral Creek set a pine post, 4 $\frac{1}{2}$ feet long, 4 inches square, 18 inches in the ground, scribed W. C. 2. D. 1590 for Witness Corner of Corner N^o 2. — and built a mound of stone 3 feet base 2 feet high alongside. — No bearings available. —

From exact corner point in bed of Mineral Creek

Thence West
Variation 13° 10' East

75. Across Mineral Creek to West Bank of Mineral Creek, Course Southerly and

feet: around South Slope of High Mountain Ridge, bearing
Easterly and Westerly. —

541. top of ridge and descent
725. Small Quitch 5 feet wide, course Northwesterly
750. South Side Line Center of the Claim, identical with the
Location, set a pine post, 4 1/2 feet long, 4 inches square
18 inches in the ground, scribed S. S. L. C & D. 1590. —
and build a mound of stone 3 feet base 2 feet high
alongside. — No bearings available. —
Thence West

Variation 13° 10' East.

1500. ascending high mesa to
Cor: No. 3. — identical with the South West corner
of the Location. —

Set a pine post, 4 1/2 feet long, 4 inches square, 18 inches
in the ground, scribed E. S. D. 1590. — and build
a mound of stone, 3 feet base 2 feet high alongside. —
No bearings available. —

Thence North

Variation 13° 10' East. —

300. gradually ascending along Eastern Slope of High
mesa to

top of mesa and West End Center of the claim
identical with the West End Center of the Location. —

Set a pine post, 4 1/2 feet long, 4 inches square, 18 inches in
the ground, scribed W. E. C & D. 1590 and build a
mound of stone 3 feet base 2 feet high
alongside. — No bearings available. —

Thence North

Variation 13° 10' East

descending the North Slope of a steep rocky mountain
ridge, bearing Easterly and Westerly to

600. Cor: No. 4. identical with the Northwest corner of the
Location. — A pine post, 4 1/2 feet long, 4 inches square,
set 18 inches in the ground, scribed Cor: 4. D. 1590. —
with mound of stone, 3 feet base 2 feet high along-
side. — No bearings available. —

Thence East

Variation 13° 10' East

along North Slope of steep rocky mountain ridge bearing
Easterly and Westerly to

750. — North Side Line Center of the Claim, identical with

The location. - A pine post, $7\frac{1}{2}$ feet long, 4 inches square, set 18 inches in the ground directed N. S. I. C^o 150010, with a mark of stone 3 feet high, 2 feet high, alongside. - No bearings available. -

Course East

Variation 10° 10' East

Encircling into Mineral Creek

1100.
1375.
1500.

West Bank of Mineral Creek, Course Southwesterly

East Bank of Mineral Creek, Course Southwesterly

to Corner No. 1. The place of Beginning.

Area:

The total and net area of the Sunham Lode is

20.66 acres. -

Location:

The Sunham Lode claim is located on unsurveyed land, approximately in Township 4 South, Range 13 East, 6th and 7th River Meridian in Mineral Creek Mining District, Pinal County, Territory of Arizona, about 1 mile northerly from the town of Trelvin, which is also the nearest post office. -

Expenditure of Five Hundred Dollars.

I certify, that the value of the labor and improvements upon this claim, placed thereon by the claimant and his grantors is not less than five hundred dollars and that said improvements consist of:

No. 1. the discovery shaft, which bears from the

- East End Center of the Claim - West 750 feet - $6 \times 4 \times 12$ feet deep
Value $\$$ 100. 00. —
- No. 2. A Tunnel the mouth of which bears from a point - 750 feet West - from the East End Center of the Claim North $42^{\circ} 30'$ West 182 feet 4×6 feet running South 11° East 200 feet to breast
Value $\$$ 200. 00. —
- No. 3. A Tunnel, the mouth of which bears from a point - 750 feet West - from the East End Center of the Claim North $46^{\circ} 10'$ West 140 feet, 4×6 feet running North 5° West 25 feet to breast, at the breast is a winze $4 \times 6 \times 17$ feet deep
Value $\$$ 400. 00. —
- No. 4. An open cut, the East Center End of which bears from a point - 750 feet West - from the East End Center of the Claim North 53° West 195 feet, 4×6 feet - 20 feet long running N. 53° West
Value $\$$ 200. 00. —
- No. 5. An open cut, the East Center End of which bears from a point - 750 feet West - from the East End Center of the Claim North 48° West 100 feet dist: 4×6 feet, 20 feet long running N. 48° West.
Value $\$$ 200. 00. —

Instrument.

This survey was made with a Gurley Engineer Transit with Saegemuller's Patent Solar Attachment. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 100 foot steel tape. —

Tucson, Arizona, September 30th 1901.

Charles von Rebeben

U. S. Deputy Mineral Surveyor.

The course & length of the ledge is from the east end center West 1500 ft. to West end center of claim.

Sept 30 - 1901

United States Location Monument No 1590.

As the Mineral Survey No 1590 is situated in a district where there are no corners of the public survey and no monuments within the prescribed limits of two miles I proceed to establish a Mineral Monument as follows:

I select as a site a very prominent point on a high steep rocky bluff on the West Side of Mineral Creek, which is visible from each direction for a long distance and there I set a pine post eight feet long, six inches square, three feet in the ground, scribed U. S. L. M. No 1590 and drive a tack in the post at the exact point for connection, paint the post in white and build a Monument of Stone 5 feet base and 3 feet high alongside. —

Q Quartz Boulder 4 x 6 x 3 feet above the ground, circled U. S. L. M. No 1590 bear North 25° West 20th dist.

Q Quartz Boulder 5 x 7 x 8 feet above the ground, circled U. S. L. M. No 1590 bear South 35° 30' East 45th dist.

The center point of the Confluence of Mineral Creek with the Gila River bear South 11° East, about 1 mile dist.

The highest point of the Gila Mountains bear South 4° East. — about 3 miles dist.

The smoke stack of the Concentrating Mill of the Gray Copper Mining Co at Helvin bear South 19° East. — about 1 mile dist.

The highest point of the first dome
along Mineral Creek bears North
10° East about a mile dist.

The highest point of the second dome
along Mineral Creek bears
North 10° West about 2 miles dist.

The highest point of the third
dome along Mineral Creek bears
North 40° West about 13 miles dist.

The point of Teapot Mountain
bears North 21° West. — About
6 miles dist.

The United States Location Mo-
nument No. 1590 is located
on unsurveyed land, approxi-
mate in Township 4 South, Range
13 East, Gila and Salt River
Meridian in Mineral Creek
Mining District, Pinal Co, Terri-
tory of Arizona. —

August 9th 1904. —

Charles von Kleben
United States Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES

A list of the names of the individuals employed by Charles von Esleben
 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 J. A. Whiteford
 known as the Surham
 and showing the respective capacities in which they acted.

- J. W. Thomas, Chairman.
- A. J. Anderson, Chainman.
- Pedro Piza, Axman.
- Alberto Lopez, Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. W. Thomas, A. J. Anderson, Pedro Piza
 and Alberto Lopez, do solemnly swear that we assisted Charles von
Esleben, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of J. A. Whiteford

Surham, known as the _____,
 _____, 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.

- J. W. Thomas, Chairman.
- A. J. Anderson, Chainman.
- Pedro Piza, Axman.
- Alberto Lopez, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 10th day of August 1904.

Charles von Esleben
 Notary Public.

My commission expires January 29th 1905.

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Charles von Doleben, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona dated July 31st 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 J. A. Whiteford per W. C. Truman Agent, known as the Durham, situate in Mineral Creek Mining District, Yinal County, Arizona in Section approximate in, Township No. 4 South, Range No. 13 East 2nd and Salt River Meridian and designated as Survey No. 1590, 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.

Charles von Doleben
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Charles von Doleben
U. S. Deputy Mineral Surveyor, before me J. C. Miller
Notary Public this 30th
day of September 1901.

J. C. Miller
Notary Public.

My commission expires
April 19th 1902.

Affidavit of Five Hundred Dollars Improvements.

We *J. W. Thomas*, and *A. P. Anderson*

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the *Dunham* mining claim, situate in *Mineral Creek* Mining District, *Yuma* County, Arizona Territory, for which *G. A. Whiteford* per *W. C. Truman* Agent

has 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 *his* grantor exceed Five Hundred Dollars in value, and further, that we are not personally interested in said mine.

J. W. Thomas
A. P. Anderson

TERRITORY OF ARIZONA,
County of *Yuma* } ss:

Sworn to and subscribed before me, this *10th*

day of *August*, 190*1*.

Charles von Delleben
Notary Public.

159671-200-10-1900

My commission expires
January 29th 1905.

LOCATION NOTICE.—Printed and for sale at the TRIBUNE Office, Florence, Arizona.

Notice is hereby given that the Durham
 Mining claim, containing mineral bearing quartz, earth or rock, in place, located by
G. A. Whiteford and W. P. Durham
 on this 3rd day of September, 1898, has been located for mining purposes.
 Said claim is 1500 feet in length, and was claim 300 feet on
 each said of the discovery shaft, for full length of claim. The general course of the lode, deposit or premises
 is Easterly & Westerly

This claim is situated in the Mineral Creek Mining District
Pinal County, Arizona, about one and one-half mile in a Northerly
Mineral Creek, on west side of Mineral Creek.

This claim is bounded and marked as follows, to-wit: Beginning at the East
 center end of Claim being 750 feet East of the discovery
 shaft, upon which this notice is posted; thence 300 feet in a Northerly
 direction to a post or monument; thence 750 feet in a Westerly direction
 to a post or monument at the center of the North side of said claim; thence 750 feet in a
Westerly direction to a post or monument; thence 300 feet in a
Southerly direction to a post or monument, being the center end post or monument of
West end of said claim, and 750 feet from the discovery shaft; thence 300 feet in a
Southerly direction to a post or monument; thence 750 feet in a Easterly
 direction to a post or monument, being the center of the South
 side of claim; thence 750 feet in a Easterly direction to a post or monument;
 thence 300 feet in a Northerly direction to the place of beginning.

Done under and by virtue of the laws of the United States, and the laws of the Territory of Arizona.

Witness:

G. A. Whiteford Ls.
W. P. Durham Ls.

Locators.

TERRITORY OF ARIZONA,
COUNTY OF Pinal } P. P.

Wm. G. A. Whiteford & W. P. Dunham

do hereby certify that ^{we are} ~~that~~ ~~am~~ a locator of the within named and described mining claim.

That there has been sunk by the discoverers of said claim a shaft at least ten feet deep below the lowest rim of the shaft at the surface, showing a lode, deposit or mineral in place, within ninety days prior to this date, and since the discovery of the lode on said claim.

That the discoverer W within the said time have marked the surface boundaries of said claim by eight substantial posts or stone monuments at least three feet in height, one at each corner of said claim, and one at the center of each end and side thereof; and posted at the point of discovery on the surface a plain sign or notice substantially conforming to the within location certificate.

Dated Oct. 5th 1898 ~~190~~

G. A. Whiteford by E. J.

W. P. Dunham by E. J.

Filed and recorded, at request of W. P. Dunham on the 6th day of October A. D. 1898 at 1 o'clock P. M.

J. A. Chamberlain Recorder

By Thos. G. Peyton Deputy

Territory of Arizona)
County of Pinal) S.S.

I, Thos. G. Peyton County Recorder in and for Pinal County and Territory of Arizona do hereby certify that the within and foregoing is a full true and correct copy of the Dunham mining claim as the same appears of record in Book 15 records of Mines at Page 298 thereof, Records of Pinal County Arizona.

Witness my hand and official seal this 29th day of July A. D. 1901.

Thos. G. Peyton
Recorder Pinal County
Arizona Territory.

(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,

Tucson, Arizona,

Oct. 14-1901, 18

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 *G. A. Whiteford,*

per W. C. Truman, Agent

....., known as the

Dunham

situate in *Mineral Creek* mining district,

Pinal County, *Arizona.*

in Section *approx.*, Township No. *4 S.*, Range No. *13 E. (Unsurveyed.)*

....., designated as Survey No. *1590.*

executed by *Charles von Esleben,* U. S. Deputy Mineral

Surveyor, *August 9-10-1901,* 18, under my instructions dated

July 31-1901, 18, have been critically examined and the

necessary corrections and explanations made, and the said Field Notes and Return, and

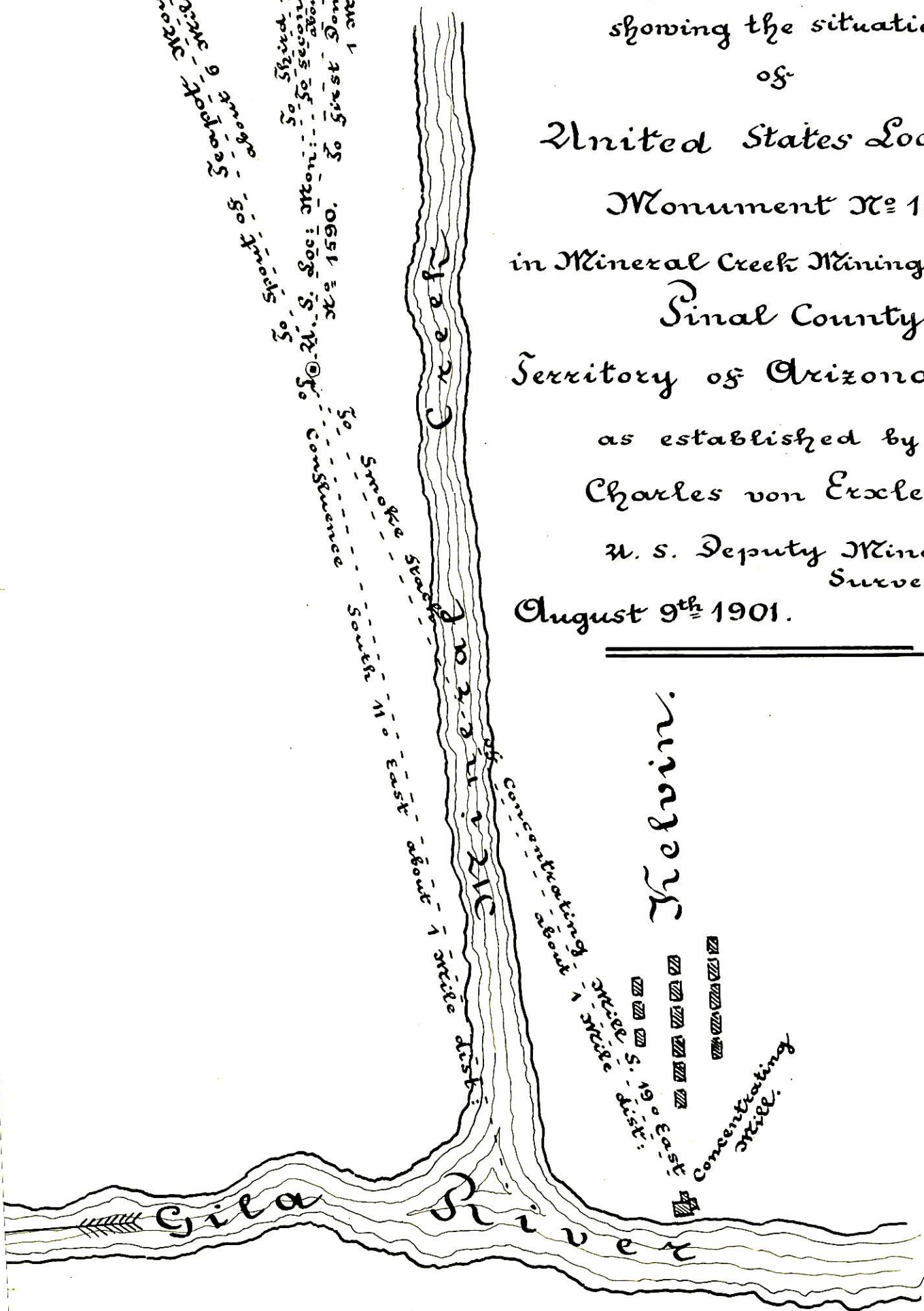
the Survey they describe, are hereby approved. A true copy of the copy of the location

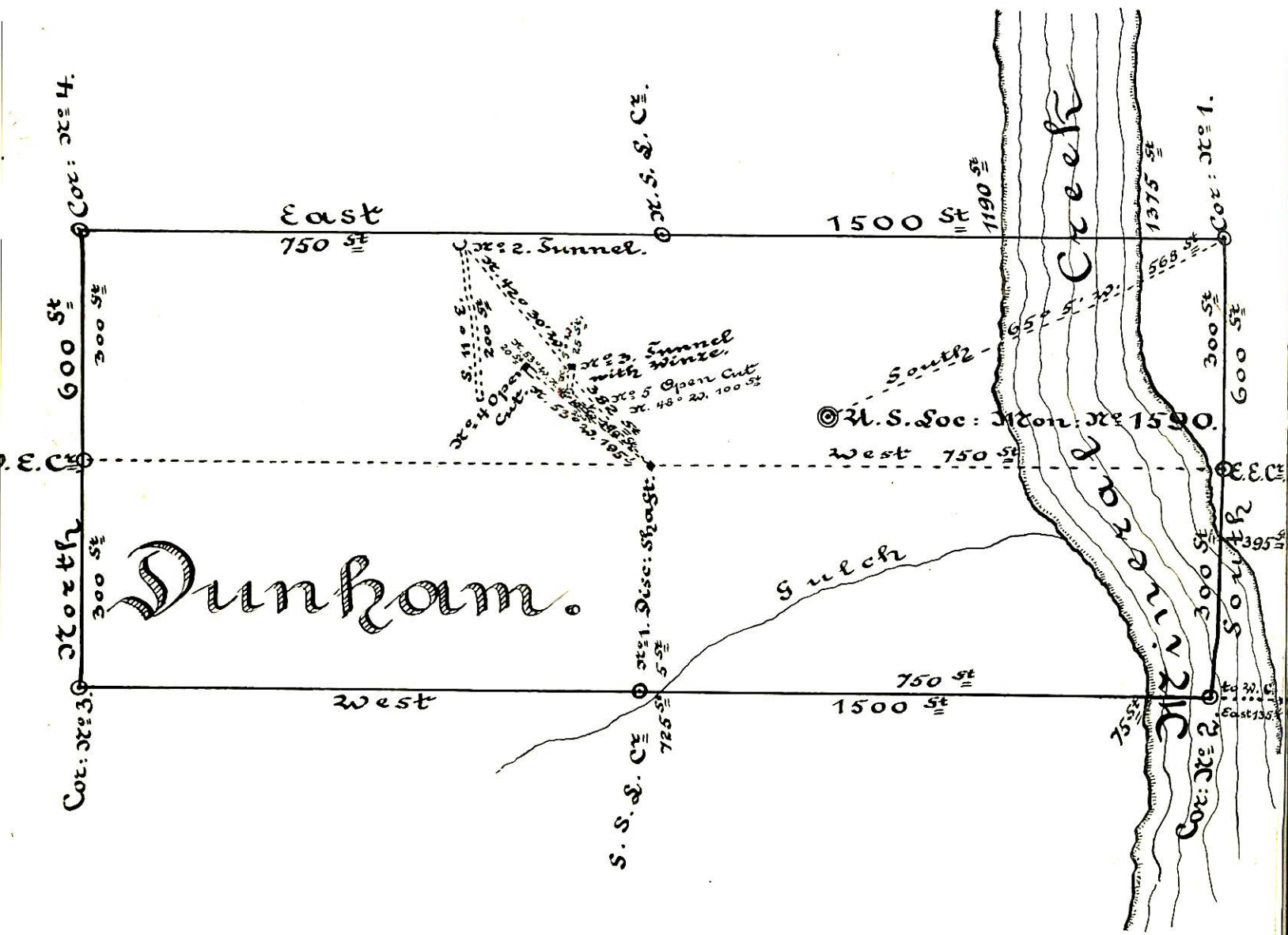
certificate filed by the applicant for survey is included in the field notes.

Hugh W. Price

U. S. Surveyor General for *Arizona.*

Topographical Map
 showing the situation
 of
 United States Location
 Monument No 1590.
 in Mineral Creek Mining District
 Pinal County
 Territory of Arizona
 as established by
 Charles von Exleben
 U. S. Deputy Mineral -
 Surveyor.
 August 9th 1901.





Survey No. 1590.
 Gila Land District
 Surveyed August 9 - 10th 1901.

by Charles von Exleben

U. S. Dep: Min: Surveyor.

Scale: 200 Feet = 1 inch.