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LOT NO. 34

Field Notes.

of the survey of the

Van Nostrand

Mining Claim

Arivaca

Situate in _____ mining district

County of Pima and in Sec. _____, Tp _____

Range _____, of the Gila and Salt River Meridian.

Arizona.

Claimed by the Consolidated Arizona
Gold & Silver Mining Company

Survey executed by Solon M. Allis D. S.

Under instructions dated November 26. 1880

Survey commenced December 3. 1880

Survey completed December 3. 1880

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS
AND MILL SITES.

WE, James C. Holden and Joseph P. Hayes
do solemnly swear that we will faithfully execute the duties of Chain Carriers, that we will level
the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same;
that we will report the true distance to all notable objects, and the true lengths, of all lines that we
assist in measuring, to the best of our skill and ability.

James C. Holden
Joseph P. Hayes,

SWORN AND SUBSCRIBED before me this

day of December 1880

Solon M. Ellis
Notary Public, Pinal Co. A.T.

I, James L. Gallagher
do solemnly swear that I will well and truly perform the duties of Flagman
according to instructions given me, and
to the best of my skill and ability.

James L. Gallagher

SWORN AND SUBSCRIBED before me this

day of December 1880

Solon M. Ellis
Notary Public, Pinal Co. A.T.

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Field Notes of Survey of Van Nostrand

Mining Claims.

Arivaca Dist Pima Co A. T.
Survey made Dec 3^d 1880 under orders
of U. S. Surveyor General John Wasson
dated Nov 26. 1880.

First established a U. S. Mineral
Monument

I set a post nine feet high
six by six inches square of Oregon
Fir - two feet in the ground on
summit of steep high hill called
Mt Hayes - Top of said hill is
flat for a space of thirty feet in dia-
meter - Having the appearance of an
old fortification. A wall or pile of
stones being found arranged in a
circular form - making an enclosure
about thirty feet in diameter - The
pile of stones being about two feet high
and five feet in diameter or across
the base all the way around.

I fastened a string bar of wood
about two feet long to one side of
post near the bottom nailing it firmly
and built a monument of stones
around the post four and a half
feet high and five feet in diam
at bottom. From which

Var $12^{\circ}35' E$ by Obs on Polaris.

✓ A large monument of stones on summit of
high hill bears $N 61^{\circ}01' W$

✓ Barbaguivera Peak bears $N 51^{\circ}25' W$

Thumb Peak bears Colorado Mts
bears $N 10^{\circ}34' W$

Rincon Peak bears $N 54^{\circ}05' E$.

✓ Mt Baldy $N 78^{\circ}35' E$.

✓ Oro Blanco Peak bears South $33^{\circ}25' E$

N. W. corner of Con Arizona Office bears $S 23^{\circ}05' W$.

Post marked U. S. M. M. No 1

To get Variation I took an observation

Field Notes of Survey of Van Nostrand

Mine and Mill site.

on Polaris at time of its greatest elongation. Altitude being horizontally in same plane on its right ascension. Angle between Star and magnetic bearing I found to be $14^{\circ}10'$. Elongation being West I subtract azimuth of Pole Star for Dec 1880 = $1^{\circ}34'50''$
 $14^{\circ}10' - 1^{\circ}34'50'' = 12^{\circ}35'10''$ or Var at place of observation.

Solon McAllis
U. S. Dep Surveyor.

Field Notes of Survey of the Van Nostrand

chs Miningham Ariraca Dist Pima Co A.T.
 Survey Made Dec 3^d 1880 under
 Order of Surveyor General John Warran
 dated Nov 26. 1880.

||

Commenced at Initial Monument
 North End Center of Claim where I
 found Notice of Location Post^{ed}.

I set a pine post 4x4 inches sq
 five feet long marked V.N. No 1.
 2 feet in the ground and built a
 monument of stones around it 2 1/2 feet
 high from which

Var $12^{\circ} 35' E$ by Obs on Polaris

A Large Monument of stones on summit
 of high hill bears $N 47^{\circ} 55' W$

Shaft of the Silver Eagle Claim bears $N 2^{\circ} 25' W$

U.S. Mineral Monument^{no 1} bears $S 85^{\circ} 15' E$

Thence Iron

Var $12^{\circ} 35' E$

Along North End boundary of claim $N 73^{\circ} 20' W$

1.00 To bottom of gully or steep Ravine.

4.54 1/2 To N.W. Cor of Claim where I set a post
 of pine 4x4 inches sq five feet long
 marked V.N. No 2. One foot in the
 ground and built a monument of
 stones around it 2 1/2 feet high
 from which a round topped hill or peak
 bears $N 6^{\circ} 55' W$

The Shaft of Silver Eagle Claim bears $N 31^{\circ} 35' E$

U.S. Mineral Monument^{no 1} bears $S 83^{\circ} 25' E$.

Thence Iron

Var $12^{\circ} 35' E$

Along West side boundary of claim $S 16^{\circ} 40' W$

3.70 To pt opposite shaft No 1 which is 4.50

Chain to the left - course 90° to line -

4.98 To point opposite North West Cor of Hoisting Works.

distant 4.50 chs to left

5.50 To point opp Main Shaft^{no 2} of Van

Nostrand Mining^{claim} distant 4.70 to left.

5.70 To point opp S.W. Cor of Hoisting Works

distant 4.52 chs.

Field Notes of Survey of The Van Nostrand

- chs Main Ariraca dist Pines Co N.J.
 10.45 To point opp S.W. cor of Boarding House. dist 1.80 chs to left
- 13.79 To small ravine crossing line at Rt Angle
- 22.72 1/2 To S.W. cor of claim when I set up a post of pine 4x4 inches sq five feet long - Marked V.N. No 3 two feet in the ground and built a monument of stones 2 1/2 feet high around it from which large Mass of stones on High hill bears N 23° 56' W Holdens Peak bears. S 40° 35' W
 Thence I ran
 Var 12° 35' E.
- 2.54 Along South End boundary of claim to bottom of steep Ravine with rocky sides - S 73° 20' E
- 4.54 1/2 To Center of South End of claim when I set up a pine post 4x4 inches sq five feet long two feet in ground and marked V.N. No 4 and built a monument of stones around it 2 1/2 ft high from which S.W. cor of Hoisting Works bears N 16° 40' E dist 17.02 1/2 chs
 Thence I ran continuing
- Same line -
- 1.00 To Road
- 3.50 To bottom of ravine crossing line in a S.W. direction
- 4.54 1/2 To S.E. corner of claim when I set up a pine post 4x4 inches sq and five feet long - two feet in the ground and marked V.N. No 5 and built a monument of stones around it 2 1/2 feet high from which Holdens Peak bears S 43° 05' W
 N.W. cor of ^{Van Nostrand} Mill Site bears S 12° 09' W
 Dist 56.50 chains no 1
 U.S. Main Monument bears. N 53° E.
 Thence I ran
 Var 12° 35' E
- Along East side boundary line of claim N 16° 40' E

Field Notes of Survey of the Van Nostrand ⁷

Chs Mine Arivaca District. Pima Co. A. T.

- 0.60 To bottom of steep Ravine
- 12.72 To bottom of 2nd Ravine -
- 13.72 To trail that crosses line S.W.
- 17.72 To top of high Ridge.
- 21.12 To bottom of Steep Ravine
- 22.72^h To N. E. Corner of claim when I set up a post of pins 4x4 inches 5 ft long marked V. N. No 6. setting post 2 feet in the ground and built a Monument of stones 2^h feet high around it from which U. S. Mineral Monument No 1 bears S 87° 55' E Dist 21.24 chs.

The same large Mon on high hills seen from Post No 1 bears N 49° 55' W

Thence Iron

Var 12° 35' E

- 4.54^h Along North End boundary N 73° 20' W To Post No 1 at place of beginning.

This North End boundary is also common to the Silver Eagle claim. The South End boundary is also common to the Arivaca claim.

This claim contains 20.66 Acres.

Var found as follows.

An observation was made on Polaris at time of its greatest elongation Altith being horizontally in same plane on its Rt ascension Angle between Star and magnetic bearing was 14° 10'. Elongation being West I subtract azimuth of North Star for Dec 1882 = 1° 34' 50"

14° 10' - 1° 34' 50" = 12° 35' 10" or Var at place of observation.

Solon M. Allen
U. S. Dep. Surveyor

Field Notes of Survey of the Van Nostrand

Mine Ariraca District - Pinar del Rio A. T.

General Description

This claim is situated on what is called the McCarty ledge which is found having a northerly & southerly direction on the southern slope of the first chain of hills running East and west, North of the Ariraca creek in the Ariraca Valley. Said ledge being about two miles west of Pedro Aguirre's house - in what is now called the Town of Ariraca -

This Mine is distant about seventy two miles from Tucson in a direction about 10° west of South and in the Southern part of Ariraca Dist. Pinar del Rio A. T.

It lies in a hollow between two long spurs or foot hills a deep gulch running nearly through the middle of the claim.

Improvements consist of Hoisting works - Boarding House dwelling house one shaft No. 1 about six feet deep one Main Shaft ⁴¹⁹² 180 ft deep with two levels one at 100 ft extending 100 ft to the North and 50 ft to the South of the Main Shaft the other at 150 feet in depth extending north 100 ft and South the same distance from the Main Shaft - At each End of lower level uprisings are examined each - worked about

30 ft - This claim is bounded on the North by the Silver Eagle on the South by the Ariraca. Improvements on this mine made by claimant exceeds five Hundred dollars -

John M. Allen

U. S. Dep. Surveyor

FINAL OATHS FOR SURVEYS OF MINING CLAIMS ~~AND~~ MILL SITES.

A LIST of the names of individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing field-notes of the survey of The Van Nostrand Mining Claim located in Arivaca Mining District, Pima County, Arizona, showing the respective capacities in which they acted.

James L. Holden Chainman.
Joseph P. Hayes Chainman.
James L. Gallagher Axeman.
James L. Gallagher Flagman.

WE hereby certify that we assisted U. S. Deputy Surveyor, in surveying The Van Nostrand Mining Claim claimed by The Con Arizona Gold and Silver Mining Co located in Arivaca Mining District, Pima County, and in Township No — Range No — of the Gila and Salt River base and meridian, Arizona, and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor General.

John L. Goldman Chainman.
Joseph P. Hayes Chainman.
James L. Gallagher Axeman.
James L. Gallagher Flagman.

SWORN TO AND SUBSCRIBED before me this 4th day December of December 1880

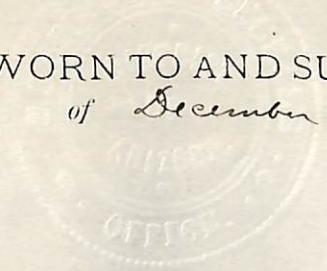
Solon M. Allis
Notary Public Pima Co. A.T.

I, Solon M. Allis U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the 22 day of November 1880, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions of The Van Nostrand Mining Claim claimed by The Consolidated Arizona Gold & Silver Mining Co located in Arivaca Mining District, Pima County, Arizona, as are represented in the foregoing field-notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the instructions furnished me, and that the foregoing are the true and original field notes of such surveys.

Solon M. Allis Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 15 day of December 1880

John Wasson
U. S. Sur-Genl



AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, James C Holden and William Mc Court
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with
the

Van Nostrand mining claim, situate in Arivaca
Mining District, Pima County, Arizona

Territory, for which John Mc Cafferty Genl Supt and Agent for the
Consolidated Arizona Silver and Lead Mining Company
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 their grantors exceed Five Hundred Dollars in value, and further that we are
not personally interested in said mine.

J. C. Holden
Wm. Mc Court

TERRITORY OF ARIZONA,)
County of Pima) SS.

SWORN AND SUBSCRIBED before me this fourth
day of December 1880

Solon Mc Allis
Notary Public Pima Co. A.T.

Van Nostrand Mine.

Notice of location. One call "thence east 300 feet to S. W. corner of claim" was accidentally omitted from the copy of the location notice of the Van Nostrand Mine, which was recorded April 20th 1877 in Book C. records of mines on page 54 in the office of the County Recorder of Pima County Arizona, now to correct said error and omission, in the record, said recorded location notice of said Van Nostrand Mine is hereby amended so as to read as follows.

Notice of location, notice is hereby given that we the undersigned having complied with the requirements of Chapter Six of Title Thirty two of the Revised Statutes of the United States and the local customs, laws and regulations have taken up and located 1500 linear feet along the McCafferty Gold and Silver bearing quartz lode and 300 feet on each side of the center thereof which is situated in the Las Guijas mountains Arivaca District, Pima County, Arizona Territory and described as follows; commencing at a monument of stones about 1000 feet south of an old shaft on which a copy of this notice is posted, and running West 300 feet to a monument of stones, which is the North West corner; thence South 1500 feet to a monument of stones, which is the South West corner; thence East 300 feet to a monument of stones which is the South end center of the claim; thence east 300 feet to a monument of stones which is the South east corner of claim; thence North 1500 feet to a monument of stones which is the North east corner and thence West 300 feet to the place of beginning. The lode trends north and south and this location is about one mile North of the buildings

on Milburn ranch, It runs east of and along a ravine
This location shall be known as the New Astraud
mine. Located April 17th 1877, Las Guijas mountains
Arivaca District Pima County Arizona

Locators. William Spiva.
W. G. Poindexter
John McCafferty.

Filed and recorded at request of John McCafferty Nov.
24th A. D. 1880 at 11²⁰ A. M.

County Recorder
Deputy

Territory of Arizona
County of Pima } 55

I, Sidney W. Carpenter, County Recorder,
in and for the County of Pima do hereby certify that the
above and foregoing is a full true and correct copy of
Amended notice of Location of the New Astraud Mine
as appears of record now in my office.

In Witness Whereof I have hereunto
set my hand and affixed my official
seal at my office in Tucson this
Twenty sixth day of November 1880.

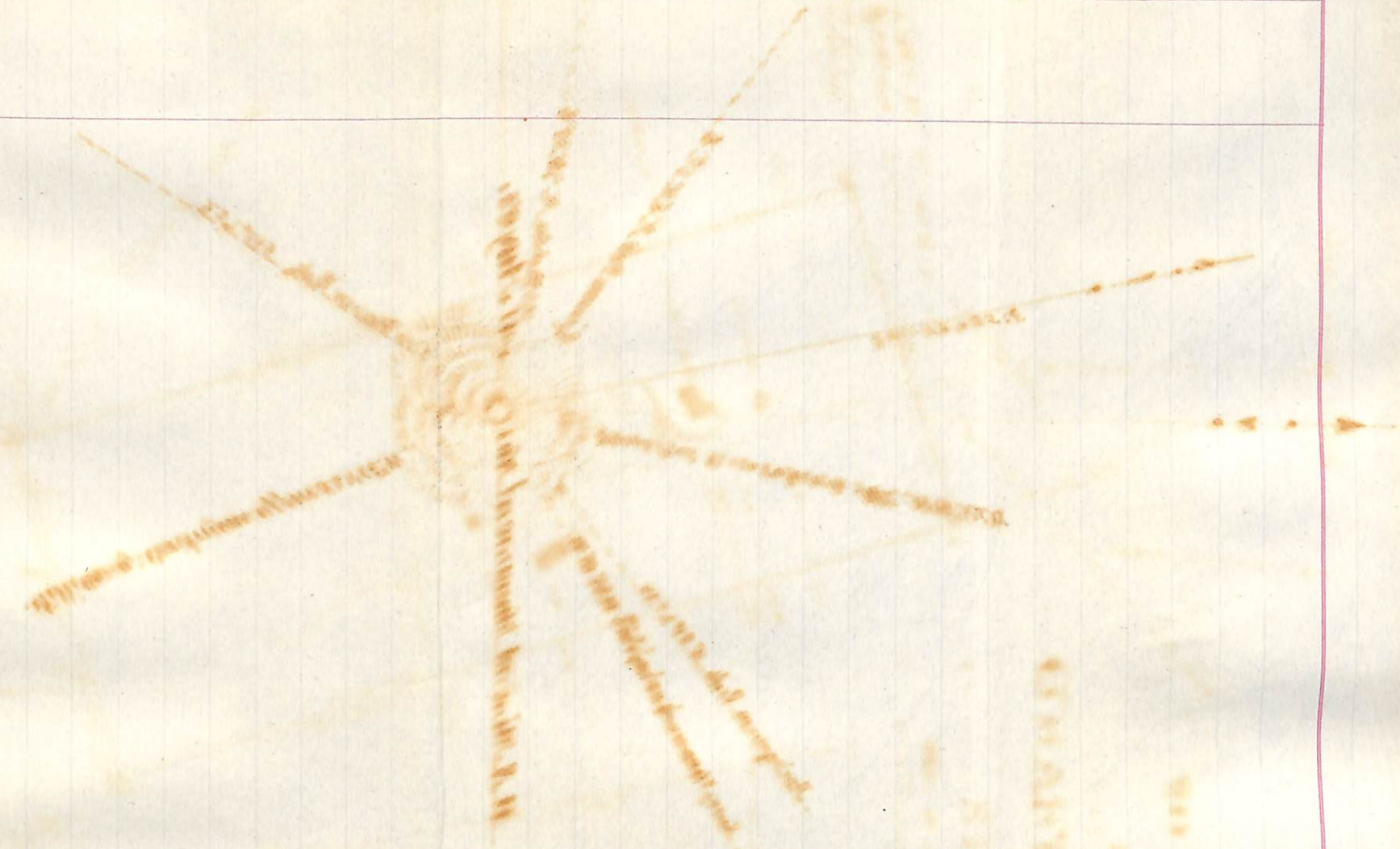
Member County Recorder
By W. H. Head Deputy

U.S. Surveyor General's Office.
Tucson A. T. Dec 18, 1880

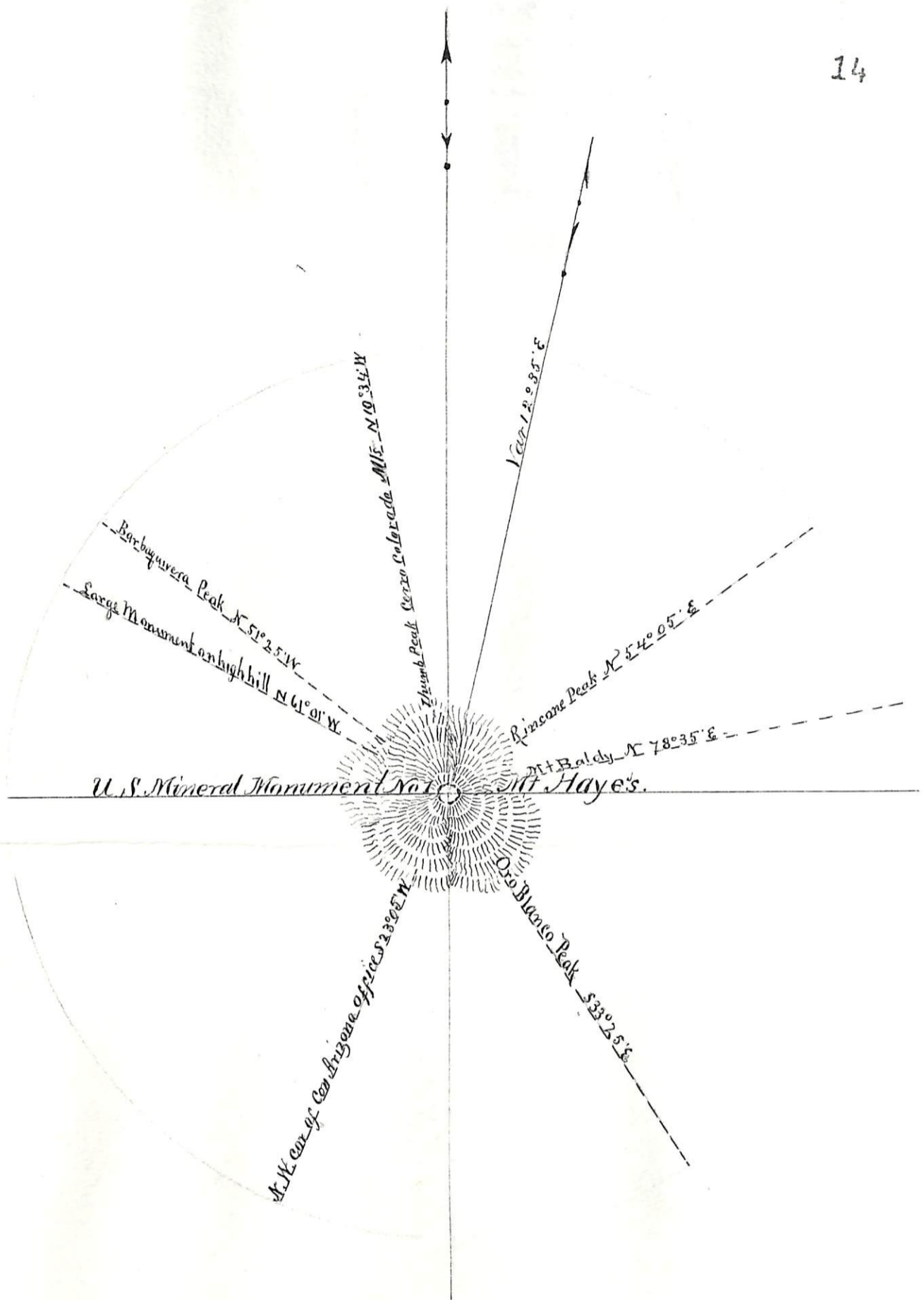
The foregoing field notes of the survey of the Van Nostrand Mining claims, situated in the Arivaca Mining District Pima County Arizona claimed by the Consolidated Arizona Gold and Silver Mining Company survey executed by Solon Wallis U. S. under instructions from this office having been critically examined and the necessary corrections and alterations made, the said field notes and the survey they describe are hereby approved.

John Messer,
Surveyor-General.

Handwritten notes in a cursive script, possibly a list or a set of instructions, located in the upper left quadrant of the page.



Additional handwritten text in the lower right quadrant, appearing as a list or a set of notes, though the characters are difficult to decipher due to fading and the cursive style.



U.S. MINERAL MONUMENT No. 1.

Arivaca District Pima Co. A.T.

Established Dec 3^d 1880 by S.M. Allis U.S.D.S.

SILVER EAGLE.

PLAN OF THE VAN-NO STRAND MINE

Surveyed Dec 3d 1880 Scale 4 chains to 1 inch.

