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(4-683.)

Mineral Survey No. 1142

Lot No.

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Chas. W. Prange

Harrisburg, Arizona

Ophir

Ellsworth

Mining District,

Maricopa

County,

Arizona

Section

Township

Range

Surveyed under instructions dated May 1st, 1894

by

Frank Nicholson.

U. S. Deputy Mineral Surveyor.

Claim located October 25, 1892

Survey commenced May 4, 1894

Survey completed May 7, 1894

o 6-160

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, J. W. Evans and J. W. Walsh, 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 Chas. W. Prange

....., known as the Ophir situate in Ellsworth mining district, Maricopa County, Arizona, in Section, Township No., Range No.

John Evans Chainman.
J. W. Walsh Chainman.

Subscribed and sworn to by the above-named persons before me this 4th day of May, 1894

J. Bennett
Notary Public

I, R. Valenzuela, 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 Chas. W. Prange

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

R. Valenzuela, Axeman.
Subscribed and sworn to by the said R. Valenzuela before me this 4th day of May, 1894

J. Bennett
Notary Public

I, E. S. Baker, 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 Chas. W. Prange

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

E. S. Baker, Flagman.
Subscribed and sworn to by the said E. S. Baker before me this 4th day of May, 1894

J. Bennett
Notary Public

Feet

Survey No. 1142.Ophir Lode.

Beginning at cor. no. 1, S. ch., identical with cor. no. 1 of the location.

A redwood post, 4 ins. square, $4\frac{1}{2}$ ft. long, set $1\frac{1}{2}$ ft. in the ground, surrounded by a mound of stone and marked $\frac{1}{1142}$.

U. S. Location Monument no. 1142 bears S. $41^{\circ} 20'$ E. 807.5 ft.

Thence S. $37^{\circ} 30'$ W.

Var. $13^{\circ} 30'$ E.

195 To gulch, course, N. W. and S. E.

300 To cor. no. 2, identical with cor. no. 2 of the location.

A redwood post 4 ins. square, $4\frac{1}{2}$ ft. long, set $1\frac{1}{2}$ ft. in the ground, surrounded with a mound of stone and marked $\frac{2}{1142}$.

Thence N. $52^{\circ} 30'$ W.

Var. $13^{\circ} 30'$ E.

325 To gulch, course N. W. and S. E.

1500 To cor. no. 3, identical with cor. no. 3 of the location.

A redwood post, 4 ins. square, $4\frac{1}{2}$ ft. long, set $1\frac{1}{2}$ ft. in the ground, surrounded with a mound of stone and marked $\frac{3}{1142}$.

Thence N. $37^{\circ} 30'$ E.

Var. $13^{\circ} 30'$ E.

280 To gulch, course N. W. and S. E.

300 To cor. no. 4, identical with cor. no. 4 of the location.

A redwood post, 4 ins. square, $4\frac{1}{2}$ ft. long, set $1\frac{1}{2}$ ft. in the ground, surrounded

- Feet with a mound of stone and marked $\frac{4}{1142}$.
 Thence N. $37^{\circ} 30' E$.
 Var. $13^{\circ} 30' E$.
- 273.8 To cor. no. 5.
 A redwood post, 4 ins. square, $4\frac{1}{2}$ ft. long, set $1\frac{1}{2}$ ft. in the ground, surrounded with a mound of stone and marked $\frac{5}{1142}$.
 Cor. no. 5 of the location bears N. $37^{\circ} 30' E$. 26.2 ft.
 Thence S. $53^{\circ} 30' E$.
 Var. $13^{\circ} 30' E$.
- 1116 To bank of sand wash, course N. W. and S. E.
- 1500.86 To cor. no. 6, identical with cor. no. 6 of the location.
 A redwood post, 4 ins. square, $4\frac{1}{2}$ ft. long, set $1\frac{1}{2}$ ft. in the ground, surrounded with a mound of stone and marked $\frac{6}{1142}$.
 Thence S. $37^{\circ} 30' W$.
 Var. $13^{\circ} 30' E$.
- 60 To bank of sand wash, course N. W. and S. E.
- 300 To cor. no. 1, D. M. place of beginning.

Area.

Total area Ophir Lode	20.21 acres.
Area in conflict, none	
Net area Ophir Lode	20.21 acres.

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 im-

Improvements consist of
 Shaft 4 x 4 ft. and 4 ft. deep
 in rock, which bears from
 Cor. no. 1, S. cl. N. $53^{\circ} 30' W.$
 671 ft. Value \$10.00.

Shaft 4 x 4 ft. and 3 ft. deep
 in rock which bears from
 Cor. no. 1, S. cl., N. $53^{\circ} 30' W.$
 521 ft. Value \$8.00.

Shaft 4 x 4 ft. and 4 ft. deep
 in rock which bears from
 Cor. no. 1, S. cl., N. $53^{\circ} 30' W.$
 458 ft. Value \$10.00.

Shaft 6 x 4 ft. and 30 ft. deep
 in rock, which bears from
 Cor. no. 1, S. cl. N. $53^{\circ} 30' W.$
 444 ft. Value \$180.00.

Shaft 6 x 4 ft. and 12 ft. deep
 in rock, which bears from
 Cor. no. 4, S. $44^{\circ} 0' E.$ 615 ft.
 Value \$72.00.

Shaft 6 x 4 ft. and 100 ft. deep,
 in rock, which bears from
 Cor. no. 5, S. $46^{\circ} 47' E.$ 650.4 ft.
 Value \$1,200.00.

Location.

This claim is located on un-
 surveyed land, in the Ells-
 worth Mining District, Mar-
 icopa County, Arizona on
 the S. E. slope of the Karqua
 Kalla Mountains about 30 miles
 S. $75^{\circ} 45' W.$ from Vulture
 Peak.

Instrument.

The survey was made with
 a Blattner and Adam improved
 mountain transit. The varia-
 tion was determined by obser-
 vation of the North Star when
 on meridian.

The distances were

measured with a 50-ft.
steel tape.

Frank Nicholson,
U. S. Geol. & Min. Surveyor.

Phoenix, Ariz.,
June 1 - 1894.

Establishment
of U. S. Location Monument No. 1142.

The Ophir claim being located on unsurveyed land and there being no corners of the public land survey and no monuments within the prescribed limits of two miles, I proceeded to establish U. S. Location Monument no. 1142, on a rocky butte where I set a surfaced redwood post, 6 ins. square and 8 ft. long, 3 ft. in the ground, surrounded same with a mound of stone 3 ft. high and 6 ft. base and marked both post and a large flat stone in the mound U. S. L. M.
1142

- Cor. no. 1, S. C., of survey no. 1142 bears N. 41° 20' W. 807.5 ft.
- Big Horn Peak bears S. 32° 45' E. 15 miles.
- Twin Buttes, Eagle Tail Mountains bear S. 3° 45' W. 30 miles.
- Black Mountain bears N. 72° 30' E. 15 miles.
- Pump's Camp bears S. 86° 45' E. 12 miles.
- Vulture Peak bears N. 75° 45' E. 30 miles.
- Drew's Pass bears N. 29° 30' W. 6 miles.
- Nuevo Mundo Peak bears N. 64° 45' W. 47 miles.

Frank Nicholson,
U. S. Deputy Clin. Surv.

Phoenix, Ariz.,
June 1, 1894.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Frank Nicholson
 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 Chas. W. Prange
 known as the Ophir
 and showing the respective capacities in which they acted.

Jno. Evans Chainman.
J. W. Walsh Chainman.
R. Valenzuela Axman.
E. S. Baker Flagman.

FINAL OATHS OF ASSISTANTS.

We, Jno. Evans, J. W. Walsh, R. Valenzuela
 and E. S. Baker do solemnly swear that we assisted Frank
Nicholson United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Chas. W. Prange
 known as the Ophir
 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 Evans Chainman.
J. W. Walsh Chainman.
R. Valenzuela Axman
E. S. Baker Flagman.

Subscribed and sworn to by the above-named persons before me
 this 8th day of May, 1894

E. J. Bennett
 Notary Public



(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, Frank Nicholson, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 1, 1894, 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 Chas. W. Prange, known as the Ophir, situate in Elsworth Mining District, Maricopa County, Arizona, in Section _____, Township No. _____, Range No. _____ and designated as Survey No. 1142, 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.

Frank Nicholson
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Frank Nicholson
U. S. Deputy Mineral Surveyor, before me E. J. Bennett
a Notary Public this 18
day of May, 1894.

E. J. Bennett
Notary Public



Affidavit of Five Hundred Dollars Improvements.



We John Evans and J. W. Walsh
 of lawful age, being first duly sworn according to law, depose and say: that we are acquainted
 with the Ophir mining claim, situated in
Ellsworth Mining district, Maricopa County,
 Arizona Territory, for which Chas. W. Prange

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 grantors exceed Five Hundred Dollars in value, and further
 that we are not personally interested in said mine.

John Evans
J. W. Walsh

TERRITORY OF ARIZONA,
 County of Maricopa } ss.

SWORN to and subscribed before me, this

8th day of May 1894

J. Bennett
 Notary Public



Notice of Location

Notice is hereby given that we the undersigned in
 compliance with the Mining Acts of Congress apd. May
 10 1872 have this day located and Claimed 1500 linear
 feet along the Course of this vein of Gold bearing Quartz
 together with 300 feet on each side of the middle
 of said vein as monumented and described as fol-
 lows, Commencing at this Monument and Notice it
 being the Centre of South Easterly End of Claim^{and}
 running South Westerly 300 feet to a monument of stone
 Thence North Westerly 1500 feet to a monument of stone
 Thence North Easterly 300 feet to a monument of stone it
 being the Centre of the North West end of Claim Thence
 North Easterly 300 feet to a monument of stone. Thence
 South Easterly 1500 feet to a monument of stone Thence
 South Westerly 300 feet to place of beginning -
 This Claim is situated on the South East slope of
 the Marqua Hala Mts about 15 miles in a South
 Easterly direction from Callens Well in Maricopa
 Co Arizona and shall be known as the Ophir Mine
 Located Oct 25th 1892

J B Hall
 Albert Weldon

Filed and recorded at request of Albert Weldon
 Dec 19 1892 at 9.33 am

Meri Osborn
 County Recorder

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I, *John D. ...* of the County of *...* and for the County and Territory of *...* do hereby certify that I have compared the foregoing copy with *...* filed and *...* 19th day of December 1894 in book *5* Mining Claims at Page *436* and find it to be a correct copy of such original out of the books thereof.

Notice of Location

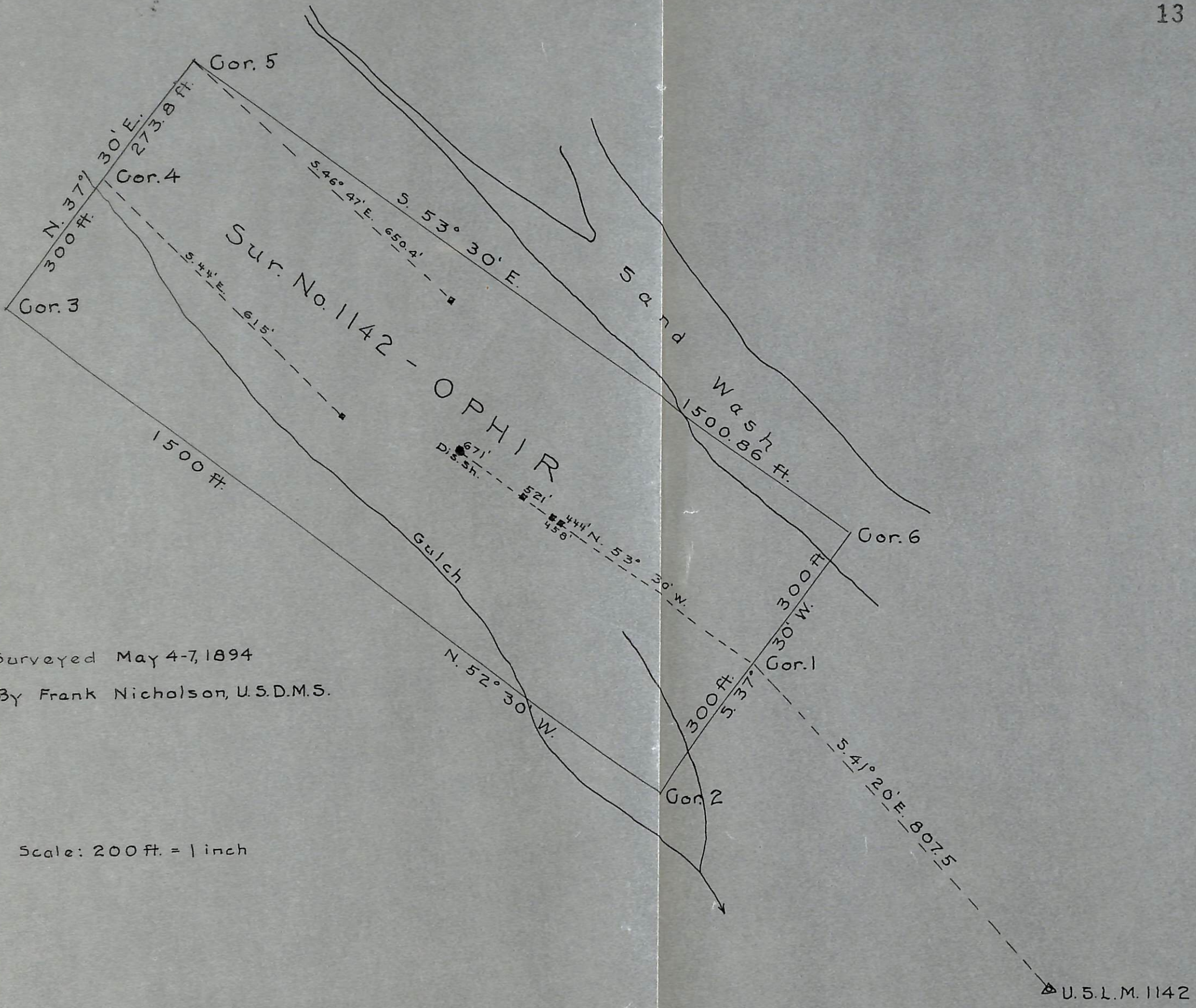
19th day of December

5 Mining Claims

Witness my hand and seal of office this *7th* day of *April* 1894

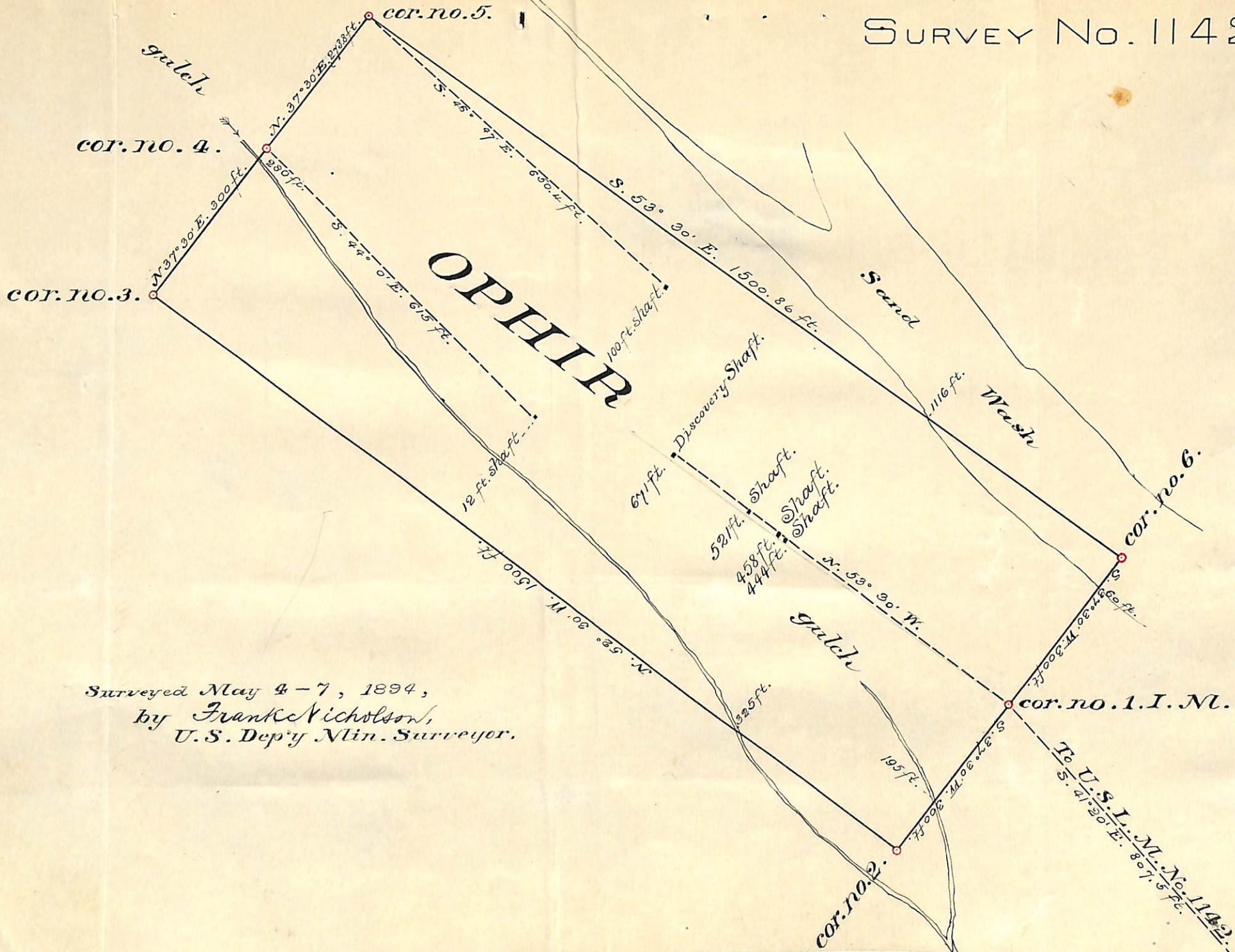
Muri Osborn
County Recorder.

By H. O. Meador
deputy



Surveyed May 4-7, 1894
 By Frank Nicholson, U.S.D.M.S.

Scale: 200 ft. = 1 inch



Surveyed May 4-7, 1894,
 by Frank Nicholson,
 U.S. Dep'y Min. Surveyor.

(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

July 27th, 1894

I, U. S. Surveyor General for *District of Arizona*,
do hereby certify that the foregoing and hereto attached Field Notes and Return of the
Survey of the Mining Claim of *Chas. W. Prange*

_____ , known as the
Ophir

situate in *Ellsworth* mining district,

Maricopa County, *Arizona*

in Section _____, Township No. _____, Range No. *Unsurveyed*

_____, designated as Survey No. *1142*

executed by *Frank Nicholson*, U. S. Deputy Mineral

Surveyor, *May 4th -*, 1894, under my instructions dated

May 1st, 1894, 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.

Livi Humming

U. S. Surveyor General for *Arizona*

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