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J.P.

(4-683.)

Mineral Survey No. 938

Lot No. 41.

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Charles. H. Ferris
and James. Dana

KNOWN AS THE "

Pruto "

Unknown

Mining District,

on the west slope of the Santa Rita Mts.
Pima County, Arizona.

SW Cor of T205R14E.

Section

Township

228

Range

14E

Surveyed under instructions dated Sept 29th, 1890.

by Geo. T. Roskrige

U. S. Deputy Mineral Surveyor

Claim located January 3rd, 1882.

Survey commenced September 29th, 1890

Survey completed September 29th, 1890.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I, Jose A. Burriel and _____,
do solemnly swear that I will well and faithfully execute the duty of chain carrier;
that I will level the chain upon even and uneven ground and plumb the tally-pins,
either by sticking or dropping the same; that I will report the true distance to all
notable objects, and the true length of all lines that I assist in measuring, to the best
of my skill and ability, and in accordance with instructions given me, in the survey of
the Mining Claim of Charles H. Ferry and James Jumudo
Dana _____, known as the
Pluto _____
situate in (unknown) mining district,
on the West slope of the Santa Rita mountains
Pima County, Arizona
in Section _____, Township No. _____, Range No. _____.

Jose A. Burriel, Chairman.
_____, Chairman.

Subscribed and sworn to by the above-named persons before
me this 29th day of Sept^r, 1890

George J. Roskrige
a notary Public

I, Jose Olivas, 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 Charles H. Ferry and James
Jumudo Dana _____
known as the Pluto _____,
more fully described in the preceding affidavit.

Jose Olivas, Axeman.

Subscribed and sworn to by the said Jose Olivas
before me this 29th day of
September, 1890

George J. Roskrige
a notary Public

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 _____

Field Notes.

of the Survey of the

PLUTO.MINING CLAIM.

Located in UNKNOWN MINING DISTRICT, on the West slope of the Santa Rita Mountains, PIMA COUNTY, A.T. Claimed by CHARLES H. FERRY and ^{Ferris} ~~JAMES~~ DANA. Surveyed by GEORGE J. ROSKRUGE, U.S. Deputy Mineral Surveyor, under instructions from the Surveyor Genl. of date August 26th. 1890.

Survey commenced, September 29th, 1890.

Survey completed, September 29th, 1890.

FEET.

DESCRIPTION OF SURVEY.

Beginningⁿ at the Initial monument mentioned in the location notice and marking the centre of Claim where I set a post 4' x 4' ins 4 feet long 1, 1/2 feet in the ground and surrounded same with a mound of stones. Post marked P.I.M.No.1.

Discovery Shaft bears N.4° E. 57 feet.

Mouth of Tunnel bears N.73° W. 145 feet.

Thence N 4° E.

Var. 12° 50' E.

500. To location monument for Northerly end centre of Claim, where I set a post 4' x 4' ins 4 feet long 1 1/2 feet in the ground and surrounded same with a mound of stones. Post marked P.N.Ct.No.11.

Thence S.86° E.

Var 12° 50' E.

260. To location monument where I set a post 4 x 4 ins

- FEET.
- 4 feet long 1 1/2 feet in the ground and surrounded same with a mound of stones. Post marked P.N.E.No.111.
- Thence, S.1°50' W.
- Var.12°50' E.
300. To centre of the Pluto Gulch bears East and West.
1246. To location monument where I set a post 4 x 4 ins 4 feet long 1 1/2 feet in the ground and surrounded same with a mound of stones. Post marked P.S.E.No 1V.
- Thence N.86° W.
- Var .12°50' E.
300. To location monument for Southerly end centre of Claim, where I set a post 4 x 4 ins, 4 feet long 1 1/2 feet in the ground and surrounded same with a mound of stone. Post marked P.S.Ct.No.V.
- U.S.Mineral monument No 1.Unknown District, bears S.12°W.1875 feet distant, no other bearings available
- Thence N.86° W.(same course).
- Var.12°50' E.
260. To location monument where I set a post 4 x 4 ins 4 feet long 1 1/2 feet in the ground and surrounded the same with a mound of stones. Post marked P.S.W.No VI.
- Thence N.2°12' E.
- Var 12°50' E.
1046. To centre of the Pluto Gulch bears East and West.
1245. To location monument where I set a post 4 x 4 ins, 4 feet long 1 1/2 feet in the ground and surrounded same with a mound of stones, post marked P.N.W.No.VII.
- Thence, S,86°,E.
- Var,12°50' E.
292. To monument and Post marked P.N.Ct.No.11.the place of beginning for the measurement of the exterior boundaries of claim.

Feet.

AREA.

Total Area of Claim, 15,89, Acres.

LOCATION.

This claim is located on the West slope of the Santa Rita Mountains, Pima County, Arizona. on unsurveyed Land. it is N. 63° 30' E. from the old Town of Tubac. and distant about seven miles.

IMPROVEMENTS.

made upon this claim by claimants or grantors consist of a discovery Shaft 5' x 7.16, feet deep. N. 4° E. 57 feet from post P.I.M. No. 1. . A tunnel 4' x 6', 90 feet long N. 73° W. 145 feet. from post P.I.M. No. 1.

And I hereby certify that the value of said improvements exceeds the sum of five hundred dollars.

There have been no improvements made by other parties on this claim.

Instruments used, a Young and Sons Transit, and steel tape.

Var and courses taken by use of Solar apparatus.

George J. Roskrige

U.S. Deputy Mineral Surveyor.

Tucson A.T. October, 9th. 1890.

Affidavit of Five Hundred Dollars Improvements.

We, Jose A. Burrell and Jose Olivas

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Pluto mining claim, situated in

Unknown Mining District, Pima County,

Arizona Territory, for which Charles H. Ferry and James Dana

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

Jose A. Burrell
Jose Olivas

TERRITORY OF ARIZONA,
County of Pima } ss.

SWORN to and subscribed before me, this 29th day
of Sept^r 1890



George Roskrug
a notary Public in & for
Pima County, A.T.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by George Roskruege
 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 Charles H. Ferry and ^{Ferris} James Dana
 known as the Pluto
 and showing the respective capacities in which they acted.

Jose A. Burruel, Chairman.
 _____, Chairman.
Jose Olivas, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Jose A Burruel
 and Jose Olivas, do solemnly swear that we assisted George J. Roskruege,
 United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Charles H. Ferry
 and ^{Ferris} James Dana
 _____, known as the Pluto
 _____, 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

Jose A Burruel, Chairman.
 _____, Chairman.
Jose Olivas, Axman
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 29th day of Sept^r, 18 90

George J. Roskruege
 Notary public in
 & for Pima County -
 A.T.

(4-686.)

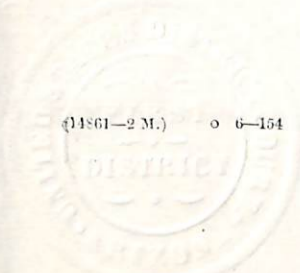
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, George J. Roskrige, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated August 26th, 1890, 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 Charles H. Ferry and James TULLY'S Dana, known as the "Pluto", situate in unknown Mining District, on the West Slope of the Santa Rita Mounts Pima County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 938, 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^s 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.

George J. Roskrige
 U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said George J. Roskrige,
 U. S. Deputy Mineral Surveyor, before me Brewster Cameron
Clerk of the District Court this 10th
 day of October, 1890.

Brewster Cameron
 Clerk of the
 District Court



Pluto Mine

The undersigned a Citizen of the United States does hereby this third day of January A D 1882. in accordance with the laws of the United States and of the Territory of Arizona, locate and claim one mining claim of fifteen hundred linear feet along the course of this lead lode or vein of mineral bearing quartz together with three hundred feet on each side of the same, situated on the West Slope of the Santa Rita mountains, Mining District unknown, Pima County Territory of Arizona, more particularly described as follows to wit: Commencing at an initial monument of Stones (in which is placed a copy of this notice) running thence along the course of said lead lode or vein in a Northerly direction seven hundred and fifty (750) linear feet to a monument of Stones being the center Northerly end monument of said claim; thence at right angles Easterly three hundred (300) feet to a monument of Stones being the North East corner of said claim; thence Southerly parallel to said lead lode or vein fifteen hundred feet to a monument of Stones being the South East corner of said claim; thence at right angles westerly three hundred feet

to a monument of Stones being the center South-
 erly end of said claim, thence in said last
 named westerly direction three hundred
 feet to a monument of Stones being the
 South West corner of said claim, thence North-
 parallel to said lead lode or vein fifteen
 hundred feet (1500) to a monument of
 Stones being the North West corner of said
 claim, thence Easterly three hundred
 feet to said center Northerly end. monu-
 -ment, thence along the course of said
 lead lode or vein southerly seven hun-
 -dred and fifty (750) feet to said initial
 monument - said initial monument is
 erected on said lead lode or vein at a
 point thereof distant about seven miles
 north east from the Villiage of Tuba in
 said Pima County and three miles Easterly
 from Warm Springs on the West Slope
 of said Santa Rita Mountains and about
 three miles West from Mt Wrightson No 2, said
 Mining claim shall be known as the
 "Pluto Mine" Dated January 3^d 1882.

Peter C. McArthur locator

Filed and recorded at request of Dana Harmon Januy 27th 1882. at 8.30 A.M.

Thas R. Drake

County Recorder

In Book K. "A" Record of mines page 205 & c.

Territory of Arizona, }
County of Pima } SS.

I, CHAS A. SHIBELL, 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 the Plots
mine

as appears of Record now in my Office in Book N. Records of Mines Pages 205 & 206.

IN WITNESS WHEREOF, I have hereunto set my hand and
affixed my official seal, at my office in Tucson this 15
day of August A. D. 1890

Charles A. Shibell
County Recorder.

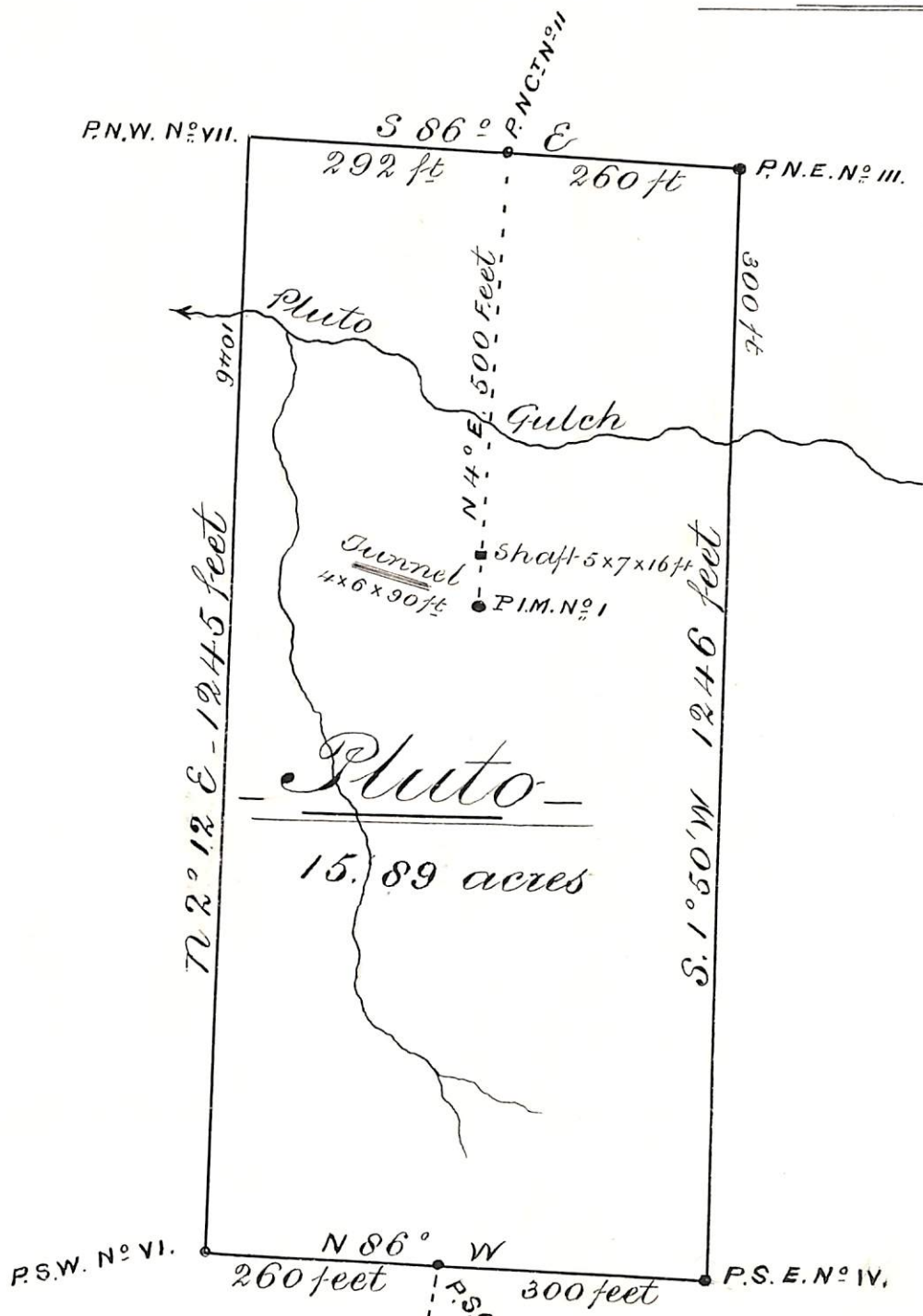
Map of the Pluto Mining Claim.

Unknown Mining District, on the West Slope of
the Santa Rita Mount^s, Pima County, Arizona.

Claimed by Charles H. Ferry and ~~James~~^{J. J. J. J. J.} Dana.

Surveyed by Geo. J. Roskrige, U.S. Dep. Min. Sur^v

29th Sept^r 1890.



Pluto

15.89 acres

Var 12° 50' East

U.S. M.M. N° 1, U.D.
S. 12° W. 1875 ft
P.S.O. N° V

(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
November 3rd, 1890

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

Charles H. Ferry
and ~~Tames~~ Dana

"Pinto", known as the

Pinto

situate in

Unknown

mining district,

on west slope of Santa Rita Mts
Pima County, Arizona

in Section

Township No.

Range No.

and, designated as Survey No. 938.

executed by

George T. Roskrug

U. S. Deputy Mineral

Surveyor,

September 29, 1890,

under my instructions dated

August 26th, 1890,

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.

Rudolf Johnson
Arizona.

U. S. Surveyor General for

The foregoing Field Notes, amended December 23, 1890, by changing the name of Tames Dana to Francis Dana, as per request for correction of such error, by Letter of W. J. Osborne, Atty for Claimants filed in this Office November 15, 1890.

Rudolf Johnson
U. S. Surveyor General