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LOT NO. 41

SURVEY NO. 606

Field Notes

of the survey of the

"Bull-Dozer" (Columbia Copper Camp)

Mining Claim

see notes
of U.S.
M. & G.
2.

Situate in Helvetia mining district.

County of Pima and in Sec. approx, Twp. 18.5

Range 16 E, of the Gila and Salt River Meridian.

ARIZONA.

Claimed by Robert H. Paul

Survey executed by George J. Roskruze D. S.

Under instructions dated January 29 1884

Survey commenced February 4 1884

Survey completed " 4 1884

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, *William Dale* and *H. F. Farley*

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 length of all lines that we assist in measuring, to the best of our skill and ability.

William Dale
H. F. Farley

SWORN to and subscribed before me, this *4th* day

of *February* 188*4*

George Roskutz
Notary public

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

SWORN to and subscribed before me, this _____ day

of _____ 188 _____

Field Notes

of the Survey of the
Bull Coeur Mining Claim
 in the Helvetia Mining Dist.
Pima County, Arizona.

Claimed by Robert H. Paul

Surveyed by George J. Rostrug
 U.S. Deputy Mineral Surveyor
 under instructions from the
 Surveyor General of date the
 29th day of January 1884.

Survey commenced 4th Feb 1884
 " Completed - 4th Feb 1884

Description of Survey

Feet Beginning at the initial monument
 mentioned in location notice
 and marking the Easterly end
 centre of claim, where I set a post
 4 x 4 ins 4 ft long 1 1/2 ft in ground
 and surrounded same with a
 mound of stone. post marked
 B. D. 1 M N^o 1 -

Mouth of Cut bears N 53° W 357 ft dist.
 no other bearings available -

Thence 72 34° E

Var 12° 40' East

300 To location monument where I set
 a post 4 x 4 ins 4 ft long 1 1/2 ft in
 ground and surrounded same
 with a mound of stone -
 post marked B. D. N^o 11 - no
 bearings available -

Thence 72 56° W

Var 12° 40' East

Feet-
725
1015
1500

Road to Smelter bears n.e. & s. w
To road from Tucson bears N & S
To location monument, where I set
a post 4x4 in 4 ft long 1 1/2 ft in
ground and surrounded same
with mound of stone. post-
marked B. D. N^o 111.
U. S. Min Mon^{no. 2} Helvetia Mining Dist-
bears N 53 1/4° E 8510 feet distant.
Stack on Smelter bears S 39° E
720 ft dist.

Thence S 34° W

300

To location ^{Var 12° 40' East} monument, ^{for westerly end center of claim} where I set
a post 4x4 in 4 ft long 1 1/2 ft in
ground and surrounded same
with a monument of stone
post marked B. D. N^o 114.

Discovery cut bears S 55° E 850 ft dist.
A cut bears S 52 1/4° E 900 ft distant.

Thence S 34° W. (same course)

Var 12° 40' East.

300

To location monument where I set
a post 4x4 in 4 ft long 1 1/2 ft in
ground and surrounded same
with a monument of stone -
post marked B. D. No. V.

No bearings available -

Thence S 56° E

Var 12° 40' East

630
1500

To Road bears North and South.
To location monument where I set
a post 4x4 in 4 ft long 1 1/2 ft in
ground and surrounded same
with a mound of stone -
post marked B. D. No. VI -

No bearings available -

Thence N 34° E

Var 12° 40' East

300

To mon, and post B. D. I M. N^o 1,
place of beginning.

Area

Total area of claim 20.66 acres.

Location

This claim is located at the north westerly end of the Santa Rita Mountains. Pima Co. a T- on unsurveyed land - It is now known as the Columbia Copper Camp -

Improvements

made upon this claim by Claimant or his grantors, consist of a discovery Cut $12 \times 8 \times 6$ ft $S 56^{\circ} E$ 850 ft distant from post B. D. N^o 111.

Cut $35 \times 10 \times 7$ $S 52 \frac{1}{4}^{\circ} E$ 900 ft dist from post B. D. N^o 111.

Lumber House 20×12 ft $S 52 \frac{1}{4}^{\circ} E$ 450 ft dist from post B. D. N^o 111.

Lumber House 20×12 ft $S 43 \frac{3}{4}^{\circ} E$ 460 ft dist from post B. D. N^o 111.

30 Ton Smelter $S 39^{\circ} E$ 720 ft dist from post B. D. N^o 111. - House 60×40 ft - Water Tank $S 34^{\circ} 35' E$ 870 ft dist from post B. D. N^o 111.

Cut $40 \times 12 \times 7$ ft $S 40 \frac{1}{4}^{\circ} E$ 950 ft dist from post B. D. N^o 111.

Shaft 7×3 30 ft deep $S 19 \frac{1}{4}^{\circ} E$ 816 ft dist from post B. D. N^o 111.

Blacksmith Shop $S 25 \frac{1}{2}^{\circ} E$ - 620 ft dist from post B. D. N^o 111 - Shop 16×16 ft -

SW cor of an adobe House 72×17 ft - $S 16^{\circ} E$ 715 ft dist from post B. D. N^o 111.

N. W cor of a Lumber House 38×22 ft - $S 16^{\circ} E$ 715 ft dist from post B. D. N^o 111.

Cut, bearing nest. $70 \times 20 \times 12$ ft: at end of which is a shaft 7×5 ft 50 ft deep -

thence from shaft a cut $60 \times 15 \times 10$ ft - is run north - bears from post B. D. N^o 111

$N 53^{\circ} W$ 357 feet distant -

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 House Transit and Steel Tape -

Run and courses taken by obs-
on polaris -

George J. Roskrug
U.S. Deputy Mineral Sur-

Fresno A.T. Feby 6th - 1884

FINAL OATHS FOR SURVEYS OF MINING CLAIMS & 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 Bull Docer Mining Claim located in Helvetia Mining District, Pima County, Arizona, showing the respective capacities in which they acted.

William Dale Chainman.
H. F. Farley Chainman.
Axeman.
Flagman.

WE hereby certify that we assisted George Roskusz U. S. Deputy Surveyor, in surveying the Bull Docer mining Claim claimed by Robert H. Paul located in Helvetia 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, will and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor General.

William Dale Chainman.
H. F. Farley Chainman.
Axeman.
Flagman.

SWORN TO AND SUBSCRIBED before me this 5th day of February 188 4

George Roskusz
Notary public

I, George Roskusz U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 29 day of January 188 4, 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 Bull Docer mining Claim claimed by Robert H. Paul located in Helvetia 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.

George Roskusz Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 5th day of February 188 4

John Gardner
Notary public

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

Wm. Dale and H. F. Farley

of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the

Bull Docet

mining claim, situated in *Helvetic*

Mining District, *Pima* County, Arizona

Territory, for which *Robert H. Paul*

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.

*William Dale
H. F. Farley*

TERRITORY OF ARIZONA,
County of *Pima* } SS.

SWORN to and subscribed before me, this *5th* day

of *February* 188*4*

George J. Rosking
Notary public

Bull Dozer Mine.

Location Notice. Notice is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress, approved May 10th 1872, has this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, and 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Santa Rita Mountains Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit: Commencing at this monument of stones, being the center of the East end of claim, and upon which this notice is posted; thence North 300 feet to a monument of stones; thence West 1500 feet to a monument of stones; thence South 300 feet to a monument of stones, being the center of West end of claim; thence South 300 feet to a monument of stones; thence East 1500 feet to a monument of stones; thence North 300 feet to place of beginning. - This claim is situated at North Westerly end of the Santa Rita Mountains, about $1\frac{1}{2}$ miles S. East of Brow's Station, and about 2 miles Northwest from Virgins Spring and Abots Camp and shall be known as the Bull Dozer Mine.

Located April 8th 1880.

J. D. Andrews.

Filed and recorded at request of J. D. Andrews April 26 A.D. 1880, at 9.30 A.M.

S. W. Carpenter County Recorder

By F. W. Hatch, Deputy

TERRITORY OF ARIZONA, } ss.

County of Pima.

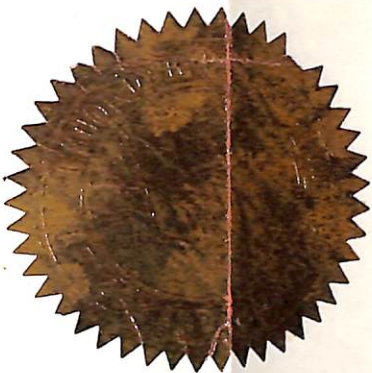
I, Chas. R. Drake, County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full true and correct copy of Location Notice of the Bull Dozer Mine

as appears of Record now in my Office in Book A ^{Records of Mines} Pages 606 & 607.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson this 20th day of November A. D. 1883.

Chas. R. Drake

County Recorder,



Plat

of the Survey of the

Bull Dozer Mining Claim.

Helvetia Mining District - Pima Co. A.T.

Claimed by Robert H. Paul, Surveyed by

George Hoskuge, U.S. Deputy Min. Sur^r

4th Feb 1884

Scale 200 ft to 1 inch

7263 1/4 ° 6' - 8510 ft to U.S. Min. Survey^r
Helvetia Mining District



U. S. Surveyor General's Office.

Tucson, Arizona, February 18th 1884

The foregoing field notes of the survey of the Bull Doser

..... Mining Claim situate in

the Helvetia Mining District, Pima

County, Arizona, claimed by Robert H. Paul

.....
survey executed by George J. Roskrige Deputy
Surveyor, 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.

Royal A. Johnson

Surveyor General.