

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
~~GENERAL LAND OFFICE~~  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4321

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Angel Revilla Ruiz

Known As The

DEVIDE

Winifred Mining District,

Maricopa County, Arizona

Section 22, Township 3 N., Range 3 E.

Surveyed under instructions dated April 5, 1948.

by Harry E. Jones  
Mineral Surveyor.

Claim located July 1, 1921

Survey commenced April 6, 1948

Survey completed April 17, 1948

Address of claimant Forrest T. Hoyt, Atty.  
9009 Cave Creek Road,  
Phoenix, Arizona.

DATES OF AMENDED LOCATIONS



This survey was made with a C.L. Berger & Sons Transit No. 7574, with a horizontal limb 4 inches diameter, having two double opposite verniers, and a full vertical circle 4 inches diameter, having one double vernier, both reading to one minute of arc; The eyepiece is equipped with a colored glass shutter for making direct observations. The instrument was in good condition and adjustment at the time of this survey.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observations.

On April 6th, 1948, on line 4-3 Devide lode of this survey, in Lat.  $33^{\circ}35'44''N$ . and Long.  $112^{\circ}03'18''W$ . from GLO plats.

I made a series of four altitude observations upon the sun for azimuth at approximately equal time intervals, two each direct and inverted respectively, observing the limb of the sun and reading the horizontal angles from the reference line mentioned above.

The mean time of this observation is 9:29:30 A.M. Mountain Standard Time.

Declination of the sun at mean time of observation  $6^{\circ}35'45''$

Mean observed vertical angle to sun center  $39^{\circ}56'15''$

Mean horizontal angle from reference line to sun center is  $31^{\circ}50'15''$

True bearing of reference line is  $S.36^{\circ}04'30''E$ .

The lines were measured with a 600 ft. steel tape graduated every foot, and a 50 ft. steel tape graduated to hundredths, both tapes were checked for accuracy prior to use on this survey.

All lines and connections of this survey were run directly on the ground.

The mean magnetic variation observed at each corner of this survey is  $14^{\circ}42' E$ .

Feet

## DEVIDE LODE

At Cor. No. 1, a standard 1 inch GLO pipe corner set in the ground and surrounded with a substantial mound of rock and marked in addition to the GLO markings, D-1-4321; from which

The  $\frac{1}{4}$  corner common to Sections 15 and 22; T. 3 N. R. 3 E. G&SRM. bears  $N.25^{\circ}17'45''W$ . 1088.91 ft. a standard 1 inch GLO pipe marked as described in the official record.

Cor. 2 Avelina lode, unsurveyed, a standard 1 inch GLO pipe as described in the official record, bears  $N.36^{\circ}04' W$ . 15.10 ft.

No other suitable bearings available.

Thence  $S. 36^{\circ} 04' E$ .

131.00 Along line 1-4 Cactus lode, unsurveyed,  
 303.27 Cross center of 10 ft. wash, course SWly.  
 348.00 Lode line; discovery shaft bears  $S.64^{\circ}15'W$ . 1404.42 ft.  
 585.00 Cross center of 5 ft. wash, course NWly.  
 Cross center of 5 ft. wash, course Nly.

606.53 Cor. No. 2, a standard 1 inch GLO pipe set in the ground and surrounded with a substantial mound of rock, and marked in addition to the GLO markings, D-2-4321.

The NE. corner of the  $W\frac{1}{2}SW\frac{1}{2}NE\frac{1}{4}$  of Section 22; T. 3 N. R. 3 E. being Cor. 9 of the Arizona Placer claim, a  $\frac{1}{4}$  inch pipe with a cast brass cap, bears  $N.46^{\circ}52'40''W$ . 206.63 ft.

No other suitable bearings available.

Thence  $S. 65^{\circ} 33' W$ .

38.00	Cross center of 5 ft. wash, course NEly.
165.01	Intersect the East line of the $W\frac{1}{2}SW\frac{1}{2}NE\frac{1}{4}$ of Section 22, T. 3 N. R. 3 E. being part of the Arizona Placer claim, whence the NE. corner or Cor.9 thereof bears N.0°10'W. 209.54 ft.
893.37	Intersect the West line of the $W\frac{1}{2}SW\frac{1}{2}NE\frac{1}{4}$ of Section 22, T. 3 N. R. 3 E. identical with the $\frac{1}{4}$ section line, being part of the Arizona Placer claim, whence the NW. corner or Cor. 8 bears N.0°17'W. 512.75 ft.
1169.00	Cross center of 5 ft. wash, course NWly.
1270.17	Intersect the North line of the $S\frac{1}{2}SE\frac{1}{2}NW\frac{1}{4}$ of Section 22, T. 3 N. R. 3 E. being part of the Arizona Placer claim, whence the NE. corner or Cor.7 thereof bears N.89°32'E. 343.78 ft.
1399.00	Cross center of 5 ft. wash, course Wly.
1499.00	Cor. No. 3, a standard 1 inch GLO pipe set in the ground and surrounded with a substantial mound of rock, and marked in addition to the GLO markings, D-3-4321.  The NE. corner of the $S\frac{1}{2}SE\frac{1}{2}NW\frac{1}{4}$ of Section 22, T. 3 N. R. 3 E. being Cor. 7 of the Arizona Placer claim, a $\frac{3}{4}$ inch pipe with a cast brass cap, bears N.79°59'E. 560.63 ft. No other suitable bearings available.  Thence N. 36° 04' W.
60.00	Cross center of 5 ft. wash, course Wly.
114.39	Intersect the North line of the $S\frac{1}{2}SE\frac{1}{2}NW\frac{1}{4}$ of Section 22, T. 3 N. R. 3 E. being part of the Arizona Placer claim, whence the NE. corner or Cor. 7 thereof bears N.89°32'E. 619.44 ft.
268.73	Lode line; Discovery shaft bears N.64°15'E. 88 ft.
513.00	Cross center of 2 ft. wash, course NWly.
537.46	Cor. No. 4, a standard 1 inch GLO pipe set in the ground and surrounded with a substantial mound of rock, and marked in addition to the GLO markings, D-4-4321.  Wit. Cor. 4, Avelina lode, unsurveyed, a standard 1 inch GLO pipe marked as described in the official record, bears N.66°43'40"W. 25.69 ft. No other suitable bearings available.  Thence N. 62°.56' 30" E.
95.00	Along line 4-3 Avelina lode, unsurveyed. Cross center of 2 ft. wash, course NWly.
275.00	Cross center of 5 ft. wash, course NWly.
343.00	Cross center of 2 ft. wash, course NWly.
397.00	Cross center of road, bears NWly. and SEly.
443.00	Cross center of 3 ft. wash, course NWly.
521.00	Cross center of 5 ft. wash, course, NWly.
843.50	Cross center of 15 ft. wash, course Wly.
1486.64	To Cor. No. 1, the place of beginning.
	AREA
	Total area, Devide lode, 19.281 acres
	Area in conflict with Arizona Placer claim, The $W\frac{1}{2}SW\frac{1}{2}NE\frac{1}{4}$ of Section 22; T. 3 N. R. 3 E. 5.510 acres The $S\frac{1}{2}SE\frac{1}{2}NW\frac{1}{4}$ of Section 22; T. 3 N. R. 3 E. 0.294 acres

LOCATION

This survey is located over the center of the N $\frac{1}{2}$  of Section 22; T. 3 N. R. 3 E. Gila and Salt River Meridian, Maricopa County, Arizona.

The survey of the Devide lode is identical with the location as marked on the ground by the corners established by a mineral segregation survey, accepted by the General Land Office, August 11th, 1933.

EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of the lode location embraced in said mining claim by the claimant or his grantors are as follows:

- No. 1 The discovery shaft 4x7x8 ft. is on the lode line at N.64° 15'E. 88 ft. from the 268.73 ft. point on line 3-4.  
Value \$100.00
- No. 2 A shaft 5x8x45 ft. deep partially timbered, bears S.18°24'W. 142 ft. from the 753.52 ft. point on line 4-1.  
Value 1125.00
- No. 3 An open cut 5x33x7 ft. face, facing SEly. the head of which bears S.62°56'30"W. 60 ft. from Cor. No.1.  
Value \$290.00
- No. 4 An open cut 7x11x8 ft. face, facing Nly. bears S.6°E. 150 ft. from Cor. No. 1.  
Value \$ 150.00

OTHER IMPROVEMENTS

The SW. corner of a rock house 9x20 ft. bears N.22°01'E. 321 ft. from the 1304.26 ft. point on line 2-3.

The NE. corner of a sheet iron building 16x30 ft. bears S.40°01'W. 71 ft. from the 1140.73 ft. point on line 4-1.

The SW. corner of a frame shed 12x60 ft. bears S.22°58'E. 22 ft. from the 927.11 ft. point on line 4-1.

FIELD ASSISTANTS

Name	Capacity
J. D. Roeder,	Instrument and chainman
C. E. Wilson,	Chainman and flagman
LaMar Q. Leatham,	Chainman and axeman

4

	<p style="text-align: center;">SECTION 1</p> <p>This section is devoted to the study of the various factors which influence the rate of growth of the economy. It is divided into two parts, the first dealing with the theory of growth and the second with the empirical evidence. The first part is divided into three chapters, the first dealing with the theory of growth, the second with the theory of the business cycle, and the third with the theory of the long-run growth rate. The second part is divided into two chapters, the first dealing with the empirical evidence on the rate of growth and the second with the empirical evidence on the business cycle.</p> <p style="text-align: center;">SECTION 2</p> <p>The second section is devoted to the study of the various factors which influence the rate of growth of the economy. It is divided into two parts, the first dealing with the theory of growth and the second with the empirical evidence. The first part is divided into three chapters, the first dealing with the theory of growth, the second with the theory of the business cycle, and the third with the theory of the long-run growth rate. The second part is divided into two chapters, the first dealing with the empirical evidence on the rate of growth and the second with the empirical evidence on the business cycle.</p> <p style="text-align: center;">SECTION 3</p> <p>The third section is devoted to the study of the various factors which influence the rate of growth of the economy. It is divided into two parts, the first dealing with the theory of growth and the second with the empirical evidence. The first part is divided into three chapters, the first dealing with the theory of growth, the second with the theory of the business cycle, and the third with the theory of the long-run growth rate. The second part is divided into two chapters, the first dealing with the empirical evidence on the rate of growth and the second with the empirical evidence on the business cycle.</p>	
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
~~GENERAL LAND OFFICE~~  
Bureau of Land Management

FINAL OATH OF MINERAL SURVEYOR

I, ..... Harry E. Jones ....., Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the Office Cadastral  
Engineer, at ..... Phoenix, Arizona ....., dated ..... April 5, 1948 .....,  
I have, in strict conformity to the laws of the United States, the official regulations  
and instructions thereunder, and the instructions of said Office Cadastral Engineer,  
faithfully and correctly executed the survey of the mining claim of .....  
..... Angel Revilla Ruiz ....., known as the  
..... DEVIDE .....,  
situate in ..... Winifred ..... Mining District,  
..... Maricopa ..... County, ..... Arizona ....., in Section  
..... 22 ....., Township No. ..... 3 N. ...., Range No. ..... 3 E. ....  
and designated as Survey No. ..... 4321 ....., 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 Office Cadastral Engineer  
with said instructions, and that all 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 im-  
provements made upon said mining claim by claimant or ..... his grantors .....  
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. ....

*Harry E. Jones*  
.....  
(Mineral Surveyor)

Subscribed and sworn to by the said ..... Harry E. Jones, .....  
Mineral Surveyor, before me ..... a Notary Public .....

..... this ..... 7th. ....  
day of ..... July ....., 1948.

My commission expires 7-22-49 .....  
.....  
Notary Public.

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GENERAL LAND OFFICE  
BUREAU OF LAND MANAGEMENT

FINAL MAP OF MINERAL SURVEY

I, \_\_\_\_\_, Mineral Surveyor,  
do hereby certify that the above named mineral survey has been  
made in accordance with the laws of the United States, the official regulations  
and instructions thereunder, and the instructions of said office, and that the  
accuracy and correctness of the survey of the mineral claim is  
guaranteed by the said surveyor, known as the  
\_\_\_\_\_ Mining District,  
County, \_\_\_\_\_  
State of \_\_\_\_\_, and designated as Survey No. \_\_\_\_\_,  
in the foregoing certificate, which accurately show the location 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 Office of the Mineral Engineer  
and also from the claimant, and that all corners of said survey have been established and  
conformed to the laws, regulations and instructions with the law, official regulations and instructions  
thereunder, and that the location of the said mining claim is as shown in the map and original  
field notes of said survey, and the report thereon, and that the exact location and in-  
formation regarding said mining claim by statement or \_\_\_\_\_  
and grantors are as herein fully stated, and that the character, extent, location, and  
location of the said mining claim is as shown in the attached copy of the location certificate, and  
that no portion of the said mining claim or improvements are situated on this claim has been included  
in the certificate of expenditures upon any other claim.

*[Signature]*  
\_\_\_\_\_  
Mineral Surveyor

Subscribed and sworn to by me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
Mineral Surveyor, before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
\_\_\_\_\_  
Notary Public



CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE Bureau of Land Management PUBLIC SURVEY OFFICE

At Phoenix, Arizona

August 26, 1948

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Angel Revilla Ruiz

known as the DEVIDE

situate in Winifred mining district, Maricopa County, Arizona

in Section 22, Township No. 3 North, Range No. 3 East

G. & S. R. M., designated as Survey No. 4321

executed by Harry E. Jones, Mineral

Surveyor, April 6 to April 17, 1948, under my instructions dated

April 5, 1948, 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. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

Frank M. Chapin Office Cadastral Engineer.

