

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



MINERAL SURVEY NO. 4363

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Randolph Jenks

Known As The

MAJOR lode mining claim

Old Hat

Mining District,

Pima

County,

Arizona

Section 15, Township 11.S., Range 16 E., G&SRM

Surveyed under order dated February 25, 1952

by Ralph L. Motz

Mineral Surveyor.

Claim located February 27, 1952

Survey commenced March 11, 1952

Survey completed March 12, 1952

Address of claimant 's Attorney, Frank W. Steel,  
Valley National Bldg.,  
Tucson, Arizona.

DATES OF AMENDED LOCATIONS

April 8, 1948.

## SURVEY NO. 4363

2

This survey was made with a C. L. Berger & Sons Precision transit, with horizontal limb 6.25 ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc; the eye-piece is equipped with a colored glass slide in a prismatic eye-piece for making direct observations upon the sun. The instrument was in good condition at the time of the survey, and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observation:-

March 12, 1952, at Cor. No. 3 of the Major lode, in latitude  $32^{\circ} 28' N.$ , and longitude  $110^{\circ} 42' W.$ , I made a series of eight altitude observations upon the sun for azimuth at approximately equal time intervals, four each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from Cor. No. 2 southeast to the sun.

Mean time of observation, 105th  
meridian standard time - - - - - 9 h. 00 m. A.M.  
Declination of the sun at mean  
time of observation - - - - -  $3^{\circ} 9' 15.4'' S.$   
Mean observed vertical angle to  
sun's center - - - - -  $30^{\circ} 18'$   
Mean horizontal angle from reference  
point to sun's center - - - - -  $84^{\circ} 28' S-E$   
True bearing to reference point - - - - -  $N. 32^{\circ} 05' E.$

The lines were measured with a Keuffel & Esser steel tape, 100 feet in length, graduated to feet, tenths and hundredths of feet for the entire length, a Keuffel & Esser steel tape, 300 feet in length, graduated to feet, tenths and hundredths of feet for the entire length; a Lufkin steel tape, 25 feet in length, graduated to feet, inches and fractions of inches for the entire length. All tapes were compared with a Lufkin standard steel tape at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods.

The magnetic variation observed at each corner of the survey gave a uniform value of  $13^{\circ} 30' E.$

## MAJOR LODE.

At Cor. No. 1 of the Major lode, identical with Cor. No. 2 of Survey No. 4366, Eclipse lode

Set an iron pipe,  $3/4$  inch diameter, 36 inches long, 18 ins. in the ground, in a mound of stone, with brass cap, 3 inches square, 1 inch faces, mkd. M-1-4363; from which

The  $1/4$  section corner of sections 10 and 15, T. 11 S., R. 15 E., G. & S. R. M. bears  $N. 38^{\circ} 31' E.$ , 1363.1 ft. dist., being an iron pipe, with brass cap, firmly set and marked as described in the official record.

A monument of rocks, 3 ft. high, 3 ft. base, bears northeasterly 2.5 feet.

A granite rock in place, 12 x 15 ins., 8 ins. above ground bears  $S. 75^{\circ} 46' E.$ , 18.3 ft., dist., mkd. Bo X M-1-4363.

Feet	
-	A diorite ledge, 58 x 65 inches, 30 inches above ground bears N. 49° 35' W., 32.3 ft. dist., mkd. BO X M-1-4363
280	Thence S. 57° 55' E., Center of road, bears EAST, and WEST
490	Center of road, bears N. 20° E., and, S. 20° W.
1080	Cross Sanderson Wash, 15 feet wide, course N. 73° E.
1500	Cor. No. 2, identical with Cor. No. 4 of the Apache lode, Survey No. 4274 and Cor. No. 3 of Survey No. 4364 Greenlee lode
	A diorite rock, 5x9 ins., 9 ins. above ground, mkd. M-2-4363, from which
	A diorite ledge, 15 x 28 ins., 30 ins. above ground, bears N. 83° 21' W., 13.9 ft. dist., mkd. BO X M-2-4363 Thence S. 32° 05' W.
300	Lode line, discovery point bears N. 57° 55' W., 275 feet dist.
315	Center of road, bears S. 75° E., and, N. 75° W.
519	Center of road, bears N. 60° E., and, S. 60° W.
600	Cor. No. 3, identical with Cor. No. 3 of the Apache lode, Cor. No. 4 of the Maricopa lode and Cor. No. 3 of the Cochise lode, all of Survey No. 4274
	A schist rock, 9 x 12 ins., 11 inches above ground, mkd. M-3-4363; from which
	A monuments of rocks, 4 ft. high, 4 ft. base, bears southerly 4 ft. Thence N. 57° 55' W.
36	Center of road, bears N. 61° E., and, S. 61° W.
680	Center of road, bears N. 46° E., and, S. 46° W.
716	Cross Sanderson Wash, 10 feet wide, course N. 45° E.
880	Center of road, bears N. 17° E., and, S. 17° W.
910	Center of road, bears N. 52° E., and, S. 52° W.
1500	Cor. No. 4, identical with Cor. No. 2 Survey No. 4274 Cochise lode, Cor. No. 2 Survey No. 4274 Coconino lode and Cor. No. 3 Survey No. 4366 Eclipse lode
	A diorite rock, 8 x 9 ins., 9 ins. above ground, mkd. M-3-4363; from which
	A diorite rock in place, 19x23 ins., 26 ins. above ground bears S. 20° 02' E., 3.9 ft. dist., mkd. BO X M-3-4363
	A diorite rock in place, 22x22 ins., 14 ins. above ground bears N. 12° 12' E., 17.3 ft. dist., mkd. BO X M-3-4363

Feet

Thence N. 32° 05' E.,

300 Lode line, discovery point bears S. 57° 55' E., 1225 ft. dist.

540 Center of road bears NW. and SE.

600 Cor. No. 1 and place of beginning.



AREA

Acres

Total area, Major lode - - - - - 20.661

LOCATION

This survey is located in the NE 1/4 and NW 1/4 Section 15, T. 11 S., R. 16 E., G. & S. R. M.

The survey of the Major lode is identical with the location or amended location as marked upon the ground.

EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of this lode location by the claimant or his grantors are as follows:-

No. 1 The discovery cut of the Major lode, the face of which being the discovery point, is on the lode line 275 ft. from a point on line 2-3, 300 ft. from Cor. No. 2; 5 ft. wide, 10 ft. face, runs N. 58° W., 20 ft. to face

Value \$185

No. 2 A shaft, the center of which bears N. 20° 10' E., 242 ft. from Cor. No. 3 of the Major lode; 5x10 ft. in size, 5 ft. deep

Value \$60

No. 3 A shaft, the center of which bears N. 39° 30' W., 203 ft. from Cor. No. 3 of the Major lode; 4x6 ft. in size, 40 ft. deep, at bottom of shaft is drift 4x7 ft. in size running South 15 ft. to breast

Value \$650

No. 4 A shaft, the center of which bears N. 52° 15' E., 395 ft. from Cor. No. 3 of the Major lode; 4x6 ft. in size, 8 ft. deep

Value \$75

Note:- All corners of Survey No. 4274 described in these notes are identical with corners of the Major lode and are firmly set and properly marked.

FIELD ASSISTANTS.

Jackson L. Clark chainman.

Gilbert Flewelling axman

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

I, Ralph L. Motz, Mineral Surveyor,  
 hereby certify upon honor that in pursuance of an order received from the Division  
of Cadastral Engineering, at Albuquerque, New Mexico,  
 dated February 25, 1952, I have faithfully and correctly executed the survey  
 of the mining claim of Randolph Jenks  
 \_\_\_\_\_, known as the Major lode mining claim  
 \_\_\_\_\_ (lode, placer, or millsite)  
 \_\_\_\_\_, situate in Old Hat Mining District,  
Pima County, Arizona in Section 15 T. 11 S., R. 16 E.,  
Gila and Salt River Meridian, Arizona, and designated  
 \_\_\_\_\_ (State)  
 as Survey No. 4363, which is represented in the fore-  
 going field notes as having been executed by me and under my direction, and that said  
 survey has been made in strict conformity with said order, the Manual of Instructions  
 for the Survey of the Public Lands of the United States, and in the specific manner  
 described in the foregoing field notes, and I do further certify that the labor ex-  
 pended and improvements made upon or for the benefit of the lode  
 \_\_\_\_\_ (lode or placer)  
 location— embraced in the said mining claim by claimant— or his grantors  
 are fully stated in my report therein, and that the character, extent, location, and  
 itemized value thereof are specified therein with particularity and full detail, and  
 that no portion of, or interest in, said labor and improvements so credited to this  
 claim has been included in the estimate of expenditures upon any other claim.

Bisbee, Arizona  
(Place)

Ralph L. Motz  
(Mineral Surveyor)

May 15, 1952.  
(Date)

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
~~GENERAL LAND OFFICE~~  
Division of Cadastral Engineering  
~~Public Survey Office~~

At Albuquerque, New Mexico

August 20, 1952

I, Office Cadastral Engineer at Albuquerque, New Mexico

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the  
Mining Claim of Randolph Jenks

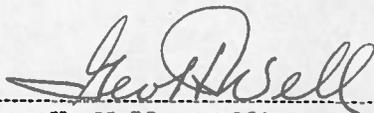
....., known as the  
MAJOR lode

situate in Old Hat ..... mining district,  
Pima County, Arizona

in Section 15....., Township No. 11 South....., Range No. 16 East  
G&SRM Arizona....., designated as Survey No. 4363

executed by Ralph L. Motz....., Mineral  
Surveyor, March 11 and 12....., 1952, under my instructions dated

February 25....., 1952, 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  
included and made a part of these field notes.

  
Geo. H. Well, Office Cadastral Engineer.