

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4339

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Norman Norris

Known As The

CACTUS Lode

Winifred Mining District,

Maricopa County, Arizona

Section 22, Township 3 N., Range 3 E., G&SRM

Surveyed under order dated July 6, 1949

by Harry E. Jones  
Mineral Surveyor.

Claim located May 1, 1926

Survey commenced July 16, 1949

Survey completed July 17, 1949

Address of claimant 1830 N. Mitchell St.,  
Phoenix, Arizona.

DATES OF AMENDED LOCATIONS

April 23, 1945

May 29, 1949

## Mineral Survey No. 4339

This survey was made with a C. E. 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, all reading to one minute of arc; the eyepiece is equipped with a colored glass shutter for making direct observations on the sun. 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 observation:

July 17, 1949, on line 4-1 of the Cactus lode, in latitude  $33^{\circ} 35' 30''$  N., and longitude  $120^{\circ} 03' W.$ , I make a series of four altitude observations upon the sun for azimuth at approximately equal time intervals, two each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles from the reference line SE. to the sun.

Mean time of observation, 105th meridian standard time, 7h 57m a.m.  
 Declination of sun at mean time of observation,  $21^{\circ} 11' 52''$  N.  
 Mean observed vertical angle to sun's center,  $28^{\circ} 28' 15''$   
 Mean horizontal angle from reference point to sun's center,  $61^{\circ} 38' S-E.$

True bearing to reference point, S.  $36^{\circ} 03' 29''$  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 at each corner of this survey is  $14^{\circ} 40'$  East.

Feet

## CACTUS LODE

At Cor. No. 1 of the Cactus lode, identical with Cor. No. 1 of the segregation survey of both the Cactus and Avelina lodes, an iron post 1 inch diam., firmly set in ground and mound of stone, with brass cap mkd. A P 1 C - A P 1 A, and additionally mkd. C-1-4339; from which

The  $\frac{1}{4}$  Sec. Cor. of Secs. 15 and 22, T. 3 N., R. 3 E., G&SRM, bears N.  $13^{\circ} 17' W.$ , 521.18 ft. dist.; an iron post 1 inch diam., 12 ins. above ground marked and witnessed as described in the field notes of the resurvey made by the Bureau of Land Management in 1948.

Cor. No. 2 of the segregation survey of the La Fe lode bears N.  $38^{\circ} 47' W.$ , 3.24 ft. dist.; an iron post, 1 in. diam., 12 ins above ground, mkd. as described in the official record.

No local bearing objects available.

Thence N.  $58^{\circ} 26' E.$

300.20 End center monument on lode line, a substantial mound of stone. The discovery point bears S.  $36^{\circ} 04' E.$ , 500 ft. dist.

328.65 Intersect the South line of the  $N\frac{1}{2}N\frac{1}{2}NW\frac{1}{4}NE\frac{1}{4}$  of Sec. 22, T. 3 N., R. 3 E., at S.  $89^{\circ} 40' 30'' E.$ , 398.12 ft. from the SW. cor thereof.

600.40 Cor. No. 2, identical with Cor. No. 2 of the segregation survey of the Cactus lode; an iron post 1 in. diam., set firmly in the ground and mound of stone with brass cap mkd. A P 2-C, and additionally mkd. C-2-4339.

No local bearing objects available.

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

178.35 Intersect the South line of the  $N\frac{1}{2}N\frac{1}{2}NW\frac{1}{4}NE\frac{1}{4}$  of Sec. 22, T. 3 N., R. 3 E.,

## Mineral Survey No. 4339

Feet	at S. 89° 40' 30" E., 734.66 ft. from the SW. Cor. thereof, and N. 89° 40' 30" W., 599.34 ft. from the SE. Cor. thereof.
685.00	Road, bears easterly and westerly.
1197.59	Intersect the West line of the E $\frac{1}{2}$ NE $\frac{1}{4}$ of Sec. 22, T. 3 N., R. 3 E., at S. 0°03' E., 1152.07 ft. from the NW. Cor. thereof.
1499.70	Cor. No. 3, identical with Cor. No. 3 of the segregation survey; an iron post 1 inch diam., firmly set in ground and mound of stone, with brass cap mkd. A P 3-C and additionally mkd. C-3-4339. No local bearing objects available.
	Thence S. 58° 26' W.
208.38	Intersect the West line of the E $\frac{1}{2}$ NE $\frac{1}{4}$ of Sec. 22, T. 3 N., R. 3 E., at S. 0°03' E., 1505.36 ft. from the NW. Cor. thereof.
300.20	End center monument on lode line; a substantial mound of stone from which the discovery point bears N. 36°04' W., 999.70 ft. dist.
550.00	Wash, 3 ft. wide, course Northerly.
600.40	Cor. No. 4, identical with Cor. No. 4 of the segregation survey; an iron post 1 inch diam., firmly set in ground and mound of stone, with brass cap mkd. A P 4-C and additionally mkd. C-4-4339.
	Thence N. 36° 04' W.
92.50	Wash, 5 ft. wide, course Northerly.
302.02	Cor. No. 2, Sur. No. 4321, Devide lode; an iron post 1 inch diam., set and marked as described in the official records.
317.55	Wash, 5 ft. wide, course Northerly.
560.55	Wash, 5 ft. wide, course Northwesterly.
777.55	Wash, 10 ft. wide, course Southwesterly.
890.00	Road, bears NE. and SW.
908.55	Cor. No. 1, Sur. No. 4321, Devide lode; an iron post 1 inch diam., set and marked as described in the official record.
923.65	Cor. No. 2 of the segregation survey of the Avelina lode; an iron post 1 inch diam., set and marked as described in the official record.
1499.70	Cor. No. 1 and place of beginning.

## AREA.

	Acres
Total area, Cactus lode,	20.607
Area in conflict with:	
The N $\frac{1}{2}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 22,	0.555
The E $\frac{1}{2}$ NE $\frac{1}{4}$ of Sec. 22,	0.720

## LOCATION

This survey is located in the NE $\frac{1}{4}$  of Sec. 22, T. 3 N., R. 3 E., G&SRM

The survey of the Cactus lode is identical with the amended location as marked on the ground and conforms with the segregation survey made by the General Land Office in 1932.

## Mineral Survey No. 4339

## 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 of the Cactus lode, the center of which being the discovery point is on the lode line 500 ft. from the center of line 1-2, 5x6 ft. 8 ft. deep.  
Value \$120.00
- No. 2 The mouth of a cut 4x5x7 ft., 5 ft. face, facing Southerly, bears N. 67°36' E., 565 ft. from the 1058.08 ft. point on line 4-1.  
Value \$40.00
- No. 3 A shaft, 5x6 ft., 12 ft. deep bears N. 71°38' E., 408 ft. from the 1058.08 ft. point on line 4-1.  
Value \$180.00
- No. 4 A pit, 7x7 ft., 5 ft. deep bears N. 71°31' E., 287 ft. from the 1058.08 ft. point on line 4-1.  
Value \$120.00
- No. 5 The west end of a trench 5x14 ft., 3.5 ft. deep bears S. 45°09' E., 179 ft. from the 1058.08 ft. point on line 4-1.  
Value \$125.00
- No. 6 A shaft 6x8 ft., 100 ft. deep bears S. 82°43' E., 50 ft. from the 1058.08 ft. point on line 4-1.  
Value \$3600.00
- No. 7 The head of a cut 3.5x22 ft., 7 ft. face and portal of a tunnel 3.5x5 ft., 22 ft. long running Northwesterly, bears N. 10°10' E., 162.5 ft. from the 1058.08 ft. point on line 4-1.  
Value \$425.00

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OTHER IMPROVEMENTS

A cut, 8x12 ft., 6 ft. face, bears S. 58° 26' W., 168.4 ft. from Cor. No. 2.

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## FIELD ASSISTANTS

J. D. Roeder,	Instrument and chain
Walter V. Washburn,	Chainman and Flagman
Elwood R. Blakley,	Chainman and axeman.

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 July 6, 1949,  
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 \_\_\_\_\_  
Norman Norris, known as the  
Cactus,  
situate in Winifred Mining District,  
Maricopa County, Arizona, in Section  
22, Township No. 3 N., Range No. 3 E.  
and designated as Survey No. 4339, 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 2nd  
day of August, 1949.

My commission expires  
July 24, 1950  
U. S. GOVERNMENT PRINTING OFFICE 6-9475

[Signature]  
Notary Public.

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 Engineering  
~~MINERAL SURVEY OFFICE~~  
1009 W. Tijeras Ave.

At Albuquerque, New Mexico

August 11, 1950

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 Norman Norris

....., known as the

CACTUS LODE

situate in Winifred mining district,

Maricopa County, Arizona

in Section 22, Township No. 3 N., Range No. 3 E.

G&SRM, designated as Survey No. 4339

executed by Harry E. Jones, Mineral

Surveyor, July 16 to July 17, 1949, 19  , under ~~my~~ instructions dated

July 6, 1949, 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.

RECEIVED  
LAND OFFICE  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

APR 26 1965

LOAM  
PHOENIX, ARIZONA

DEFINING IRREGULAR BOUNDARIES OF

THE CACTUS LODGE CLAIM, SEC. 22,

T. 3 N., R. 3 E., GILA & SALT RIVER MERIDIAN, ARIZONA

ORIGINALLY SURVEYED AS THE CACTUS LODGE,

MINERAL SURVEY NO. 4339, BY HARRY E. JONES,

MINERAL SURVEYOR, JULY 16 to 17, 1949,

UNDER ORDER FOR SURVEY DATED JULY 6, 1949.

SURVEY APPROVED AUGUST 14, 1950 AND

CANCELED APRIL 23, 1965 BY THE

ACTING STATE DIRECTOR, ARIZONA

Of the \_\_\_\_\_ Meridian,

In the State of \_\_\_\_\_

EXECUTED BY

Under special instructions dated \_\_\_\_\_, 19\_\_\_\_, which provided for the surveys  
included under Group Number \_\_\_\_\_, approved \_\_\_\_\_,  
and assignment instructions dated \_\_\_\_\_, 19\_\_\_\_.

Survey commenced \_\_\_\_\_, 19\_\_\_\_

Survey completed \_\_\_\_\_, 19\_\_\_\_

Mineral Survey No. 4339

This survey was made with a C. E. 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, all reading to one minute of arc; the eyepiece is equipped with a colored glass shutter for making direct observations on the sun. 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 observation:

July 17, 1949, on line 4-1 of the Cactus lode, in latitude 33° 35' 30" N., and longitude 120° 03' W., I make a series of four altitude observations upon the sun for azimuth at approximately equal time intervals, two each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles from the reference line SE. to the sun.

- Mean time of observation, 105th meridian standard time, 7h 57m a.m.
- Declination of sun at mean time of observation, 21° 11' 52" N.
- Mean observed vertical angle to sun's center, 28° 28' 15"
- Mean horizontal angle from reference point to sun's center, 61° 38' S-E.

True bearing to reference point, S. 36° 03' 29" E.

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No local bearing objects available.

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Mineral Survey No. 4339

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AREA.

Total area, Cactus lode,	Acres
Area in conflict with:	20.607
The N $\frac{1}{2}$ N $\frac{1}{2}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 22,	0.555
The E $\frac{1}{2}$ NE $\frac{1}{4}$ of Sec. 22,	0.720

LOCATION

This survey is located in the NE $\frac{1}{4}$  of Sec. 22, T. 3 N., R. 3 E., G&SRM

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Mineral Survey No. 4339

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FIELD ASSISTANTS

- J. D. Roeder, Instrument and chain
- Walter V. Washburn, Chainman and Flagman
- Elwood R. Blakley, Chainman and axeman.

I HEREBY CERTIFY that the above field notes, required to completely identify and describe the irregular boundaries of the Cactus Lode Claim, Section 22, T. 3 N., R. 3 E., Gila & Salt River Meridian, Arizona, are a true and literal copy of the field notes of the ground survey of the Cactus Lode, Mineral Survey No. 4339, abstracted from a certified copy of the original record of which is on file in the Land Office at Phoenix, Arizona, as of this date.

April 23, 1965

*Raymond C. Cleghorn*  
Acting State Director



UNITED STATES  
DEPARTMENT OF THE INTERIOR

IN REPLY REFER TO:

E  
9183.1

BUREAU OF LAND MANAGEMENT

M.S. #4339

State Office  
3022 Federal Building  
Phoenix, Arizona 85025

RECEIVED  
LAND OFFICE  
BUREAU OF LAND MANAGEMENT

APR 26 1965

LOAM

April 23, 1965

Memorandum  
PHOENIX, ARIZONA

To : Land Office Manager, Arizona  
From : Acting State Director, Arizona  
Subject: Mineral Survey No. 4339

This memorandum cancels the survey of the Cactus Lode Mining Claim, designated as Mineral Survey No. 4339. A notation should be made on the plat of M. S. No. 4339 stating the survey has been cancelled by memorandum dated April 23, 1965. The plat and field notes should remain in the files. The attached field notes should be made a part of the original notes.

An amended location notice was filed on the Cactus Lode Claim and was surveyed under Mineral Survey No. 4518 and a patent issued therefor. The amended location notice relinquished all lands in the original survey of the Cactus Lode Mining Claim (M. S. No. 4339), which were not included in Mineral Survey No. 4518.

Attachment

cc: Director  
(w/copy of Field Notes)