

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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U. S. LAND OFFICE
Phoenix, Arizona
SEP 8 1952

MINERAL SURVEY NO. 4366

Hour _____

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

G. H. Flewelling

Known As The

ECLIPSE, COMANCHE and ADOBE lode mining claims

Old Hat Mining District,

Pima County, Arizona

Section 9, 10, 15, 16, Township 11 S., Range 16 E., G&SRM

Surveyed under order dated February 25, 1952

by Ralph L. Motz
Mineral Surveyor.

Claim^s located <sup>Eclipse 9/2/41, Comanche 4/1/37
and Adobe 4/24/31</sup> ~~see location notices~~, 19____
Survey commenced March 18, 1952
Survey completed March 21, 1952

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

DATES OF AMENDED LOCATIONS

January 21, 1952

Survey No. 4366

This survey was made with a C. L. Berger & Sons precise 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 18, 1952 at Cor. No. 4 of the Eclipse lode, in latitude 32° 28' N., and longitude 110° 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. 1 of the Eclipse lode southeast to the sun.

- Mean time of observation, 105th meridian standard time - - - - - 8H. 30m., A.M.
- Declination of the sun at mean time of observation - - - - - 0° 47' 52.2" S.
- Mean observed vertical angle to sun's center - - - - - 33° 45'
- Mean horizontal angle from reference point to sun's center - - - - - 84° 19' S-E
- True bearing to reference point - - - N. 32° 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° 30' E.

ECLIPSE lode

Beginning at Cor. No. 1 of the Eclipse lode, situated on line 1-2 of the Comanche lode of this survey

On a diorite ledge, 10 x 36 ins., 20 ins. above ground, point for Cor. No. 1 mkd. X E-1-4366; from which

The corner of Sections, 9, 10, 15 and 16, T. 11 S., R. 16 E., G. & S. R. M. bears N. 62° 25' W., 599.1 ft. dist., being an iron pipe with brass cap, firmly set and marked as follows:-



A monument of stones, 4 ft. high, 4 ft. base bears Westerly 5 ft.

Thence S. 57° 55' E.

810

Cross Contact Wash, 15 ft. wide, course North

Feet
1500 Cor. No. 2, identical with Cor. No. 1 of Survey No. 4363 Major lode
 An iron pipe, 3/4 in. diam., 18 ins. above ground in a mound of stone, with brass cap, 3 ins. square, 1 inch faces, mkd. E-2-4366; from which
 A monument of rocks, 3 ft. high, 3 ft. base, bears northeasterly 2.5 ft.
 A diorite rock in place, 12x15 ins., 8 ins. above ground bears S. 175° 46' E., 18.3 ft. dist., mkd. BO X E-2-4366
 A diorite ledge, 58x65 ins., 30 ins. above ground bears N. 49° 35' W., 32.3 ft. dist., mkd. BO X E-2-4366
 Thence S. 32° 05' W.,
50 Center of road, bears N. 63° W., and S. 63° E.
300 Lode line, discovery point bears N. 57° 55' W., 1265 ft. dist.
600 Cor. No. 3, identical with Cor. No. 2 of the Cochise lode and Cor. No. 2 of the Coconino lode, both of Survey No. 4274 and Cor. No. 4 of Survey No. 4363 Major lode
 A diorite rock, 8x9 ins., 9 ins. above ground, mkd. E-3-4366; 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 E-3-4366
 A diorite rock in place, 22x22 ins., 14 ins. above ground bears N. 12° 12' E., 17.3 ft. dist., mkd. BO X E-3-4366
 Thence N. 57° 55' W.,
595 Cross Control Wash, 20 ft. wide, course N. 58° E.
1500 Cor. No. 4, identical with Cor. No. 1 of Survey No. 4274 Coconino lode, and situated on line 1-2 of the Adobe lode of this survey
 A porphyry rock, 9x9 ins., 12 ins. above ground, mkd. E-4-4366; from which
 A monument of rocks, 4 ft. high, 4 ft. base, bears northeasterly 4 ft.
 Thence N. 32° 05' E.
110 Cor. No. 1 of the Adobe lode and Cor. No. 2 of the Comanche lode, both of this survey
300 Lode line, discovery point bears S. 57° 55' E., 235 ft. dist.
600 To Cor. No. 1 and place of beginning.
COMANCHE LODE.
 At Cor. No. 1 of the Comanche lode
 Set an iron pipe, 36 ins. long, 3/4 ins. diam., 14

Feet	
	ins. in the ground to bed rock, in a monument of stone, with brass cap, 3 ins. square, 1 inch faces, mkd. C-1-4366; from which
	The section corner of sections 9, 10, 15 and 16, T. 11 S., R. 16 E., G. & S. R. M. bears N. 72° 35' W., 617.5 ft. dist., previously described
	A monument of rocks, 4 ft. high, 4 ft. base, bears southeasterly 4 ft.
	A diorite ledge, 36x64 ins., 22 ins. above ground bears S. 59° 08' W., 33.2 ft. dist., mkd. BO X C-1-4366
	A diorite ledge, 14x24 ins., 6 ins. above ground bears N. 27° 43' E., 40.8 ft. dist., mkd. BO X C-1-4366
	Thence S. 32° 05' W.,
50	Cross Comanche Wash, 15 ft. wide, course S. 58° E.
110	Cor. No. 1 of the Eclipse lode of this survey
300	Lode line, discovery point bears N. 57° 55' W., 1420 ft. dist.
600	Cor. No. 2, identical with Cor. No. 1 of the Adobe lode of this survey and situated on line 4-1 of the Eclipse lode of this survey
	Set an iron pipe, 3/4 ins. diam., 36 ins. long, 18 ins. in the ground, in a mound of stone, with brass cap, 3 ins. square, 1 inch faces, mkd. C-2-A-1-4366; from which
	A monument of rocks, 3 ft. high 3 ft. base bears southerly 3 ft.
	Thence N. 57° 55' W.,
1500	Cor. No. 3, identical with Cor. No. 4 of the Adobe lode of this survey and the southeast corner of the Whitewing lode, unsurveyed
	Set an iron pipe, 3/4 ins. diam., 36 ins. long, 18 ins. in the ground in a mound of stone, with brass cap, 3 ins. square, 1 inch faces, mkd. C-3-A-4-4366; from which
	A monument of rocks, 4 ft. high, 4 ft. base, bears northerly 4 ft.
	Thence N. 32° 05' E.,
215	Cross Comanche Wash, 10 ft. wide, course S. 26° E.
300	Lode line, discovery point bears S. 57° 55' E., 80 ft. dist.
600	Cor. No. 4, identical with the northeast corner of the Whitewing lode, unsurveyed
	Set an iron pipe, 3/4 ins. diam., 36 ins. long, 18 ins. in the ground in a mound of stones, with brass cap, 3 ins. square, 1 inch faces, mkd. C-4-4366; from which
	A monument of rocks, 4 ft. high, 4 ft. base bears

Feet		Feet
	northerly 4 ft.	
	Thence S. 57° 55' E.,	
1060	Cross Comanche Wash, 15 ft. wide, course East	
1310	Cross Comanche Wash, 15 ft. wide, course S. 33° E.	
1500	Cor. No. 1 and place of beginning.	

	ADOBE LODGE	
	Beginning at Cor. No. 1 of the Adobe lode, identical with Cor. No. 2 of the Comanche lode of this survey from which	
	The corner of sections 9, 10, 15 and 16, T. 11 S., R. 16 E., G. & S. R. M. bears N. 21° 29' W., 739 ft. dist., previously described	
	Thence S. 32° 05' W.,	
110	Lode line, discovery point bears N. 57° 55' W., 130 ft. dist. Also Cor. No. 1 of Survey No. 4274	
	Cocoonino lode and Cor. No. 4 of the Eclipse lode of this survey	
410	Cor. No. 2, identical with the northeast corner of the Pinal lode unsurveyed and situated on line 4-1 of Survey No. 4274 Cocoonino lode	
	Set an iron pipe, 3/4 in. diam., 36 ins. long, 18 ins. in the ground in a mound of stone, with brass cap, 3 ins. square, 1 inch faces, mkd. A-2-4366; from which	
	A monument of rocks, 4 ft. high, 4 ft. base, bears southwesterly 4 ft.	
	A granite rock in place, 17x22 ins., 6 ins. above ground bears S. 83° 39' W., 25.3 ft. dist.; mkd. BO X A-2-4366	
	A granite rock in place, 10x15 ins., 6 ins. above ground bears N. 7° 28' W., 28.5 ft. dist.; mkd. BO X A-2-4366	
	Thence N. 57° 55' W.,	
1500	Cor. No. 3, identical with the northwest corner of the Pinal lode, unsurveyed	
	Set an iron pipe, 3/4 in. diam., 36 ins. long, 18 ins. in the ground in a mound of stone, with brass cap, 3 ins. square, 1 inch faces, mkd. A-3-4366; from which	
	A monument of rocks, 4 ft. high, 4 ft. base, bears 4 ft. westerly	
	Thence N. 32° 05' E.,	
300	Lode line, discovery point bears S. 57° 55' E., 1370 ft. dist.	
410	Cor. No. 4, identical with Cor. No. 3 of the Comanche lode of this survey	

Feet

Thence S. 57° 55' E.,
1500 Cor. No. 1 and place of beginning.

AREAS	Acres
Total area, Eclipse lode	20.661
Total area, Comanche lode	20.661
Total area, Adobe lode	14.118

LOCATION

This survey is located in the SW 1/4 of Sec. 10,
the SE 1/4 of Sec. 9, the NW 1/4 of Sec. 15 and
the NE 1/4 of Sec. 16, all of T. 11 S., R. 16 E.,
G. & S. R. M.

The survey of the Eclipse, Adobe and Comanche lodes
is identical with the location or amended location as
marked on the ground.

EXPENDITURES

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

No. 1 The discovery cut of the Eclipse lode, the face of
which is the discovery point is on the lode line
235 ft. from a point on line 4-1, 300 ft. from
Cor. No. 4; 4 ft. wide, 8 ft. face, runs N. 35° E.,
15 ft. to face and portal of tunnel, 4x7 ft. in
size, running N. 35° E. 10 ft. to breast
Value \$200

No. 2 A shaft, the center of which bears S. 45° 10' E.,
770 ft. from Cor. No. 1 of the Eclipse lode;
4 x 5 ft. in size, 30 ft. deep
Value \$450

No. 3 A tunnel, the portal of which bears N. 66° 30' W.,
650 ft. from Cor. No. 2 of the Eclipse lode;
4 x 7 ft. in size, runs S. 60° E., 11 ft. to
breast
Value \$110

No. 1 The discovery point of the Comanche lode is on the
lode line 80 ft. from a point on line 3-4, 300
ft. from Cor. No. 3, being quartz veins in diorite

No. 2 An open cut, the mouth of which bears N. 45° 39' E.,
265 ft. from Cor. No. 3 of the Comanche lode; 4
ft. wide, 12 ft. face, runs N. 30° E., 18 ft. to
face
Value \$175

No. 3 An open cut, the mouth of which bears N. 32° 05' E.,
270 ft. from Cor. No. 3 of the Comanche lode; 8
ft. wide, 12 ft. face, runs N. 30° E., 15 ft. to
face and portal of tunnel, 4 x 7 ft. in size, runs
N. 10° E., 15 ft. to bend, thence North 10 ft. to
breast. This open cut and tunnel has been done for

to the benefit of the Comanche lode and the Whitewing lode, unsurveyed and is situated on both of these claims. The Whitewing lode is owned by the claimant of the Comanche lode.

Value \$550 - Value of 1/2 interest \$275

No. 4 An open cut, the mouth of which bears N. 32° 05' E., 240 ft. from Cor. No. 3 of the Comanche lode; 24 ft. wide, 15 ft. face; runs N. 20° E., 18 ft. to face. At the northwest corner of the cut is a tunnel, 4 x 7 ft. in size, running N. 10° E., 15 ft. to breast. In bottom of the open cut is a shaft 5 x 6 ft. in size, 60 ft. deep. A 1/2 interest has been allotted to the Whitewing lode unsurveyed.

Value \$24,800 - Value of 1/2 interest \$12,400

No. 5 An open cut, the mouth of which bears N. 55° 45' E., 185 ft. from Cor. No. 3 of the Comanche lode; 4 ft. wide, 10 ft. face; runs N. 11° W., 40 ft. to face and portal of tunnel, 4 x 7 ft. in size, running N. 11° W., 75 ft. to breast.

Value \$1050

No. 1 The Discovery out of the Adobe lode, the face of which is on the lode line, 130 feet from a point on line 1-2, 110 ft. from Cor. No. 1; 4 ft. wide, 8 ft. face, runs N. 32° E., 20 ft. to face

Value \$125

No. 2 An open cut, the mouth of which bears S. 76° 30' W., 10 ft. from Cor. No. 1 of the Adobe lode; 4 ft. wide, 8 ft. face, runs N. 32° E., 27 ft. to face

Value \$150

No. 3 A shaft, the center of which bears N. 88° 30' W., 80 ft. from Cor. No. 1 of the Adobe lode; 4 x 6 ft. in size, 10 ft. deep

Value \$90

No. 4 A shaft, the center of which bears S. 58° 15' W., 150 ft. from Cor. No. 1 of the Adobe lode; 4 x 6 ft. in size, 5 ft. deep

Value \$40

No. 5 An open cut, the mouth of which bears N. 17° E., 245 ft. from Cor. No. 2 of the Adobe lode; 4 ft. wide, 9 ft. face, runs N. 30° E., 12 ft. to face and portal of tunnel, 4 x 6 ft. in size, running N. 30° E., 20 ft. to breast

Value \$280

OTHER IMPROVEMENTS

A frame shed, the NW corner of which bears S. 45° E., 709 ft. from Cor. No. 1 of the Eclipse lode; 12 x 16 ft. in size; the long sides bear North

A frame shed, the NW corner of which bears S. 38° 15' E., 740 ft. from Cor. No. 1 of the Eclipse lode; 10 x 15 ft. in size; the long sides bear East

A frame shed, the NW corner of which bears S. 36° 55' E., 718 ft. from Cor. No. 1 of the Eclipse lode; 12 x 14 ft. in size; the long sides bear North

A frame house, the NW corner of which bears S. 39° 30' E., 790 ft. from Cor. No. 1 of the Eclipse lode;

Survey No. 4366

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14 x 28 ft. in size, the long sides bear East

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 4274 Coconino lodes- Cors. 1 and 2 are described in these notes. Cor. No. 4 is a rock, firmly set and properly described. Lines 1-2 and 4-1 are correct as approved.

Sur. No. 4363 Major lode:- Cors. 1 and 4 are described in these notes.

FIELD ASSISTANT

Jackson L. Clark

chainman.

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 G. H. Flewelling
 known as the Eclipse, Comanche and Adobe lode
 mining claims (lode, placer, or millsite)
 situate in Old Hat Mining District,
Pima County, Arizona, in Sections 9, 10, 15 & 16 T. 11 S., R. 16 E.,
Gila and Salt River Meridian, Arizona, and designated
 as Survey No. 4366 (State)
 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
 location embraced in the said mining claim by claimant— or his (lode or placer)
 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)

May 19, 1952.
(Date)

Ralph L. Motz
(Mineral Surveyor)

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 29, 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 G. H. Flewelling

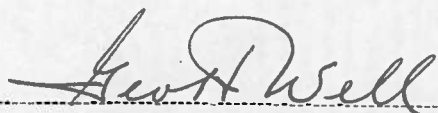
....., known as the
Eclipsa, Comanche, and Adobe lodes

situate in Old Hat mining district,
Pima County, Arizona

in Sections 9, 10, 15, 16, Township No. 11 South, Range No. 16 East,
G&SRM, Arizona, designated as Survey No. 4366

executed by Ralph L. Motz, Mineral
Surveyor, March 18 to 21, incl., 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.