

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4348

ARIZONA Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

HAROLD E. SOMMER

Known As The

New Deal #1 Lode

Prescott National Forest, Cherry Creek Mining District,

Yavapai County, State of Arizona

Sections 30-31, Township 14 N., Range 3 E., G&SRM

Surveyed under order dated May 16, 19 50.

by J. William Waara
Mineral Surveyor.

Claim located Dec. 20, 19 33.

Survey commenced May 18, 19 50.

Survey completed May 19, 19 50.

Address of claimant Harold E. Sommer,
Route 2, Box 700,
Tempe, Arizona.

DATES OF AMENDED LOCATIONS

Survey No. 4348

1.

This survey was made with a Lietz Light Mountain transit No. 9503, Model No. 9 with a horizontal limb 5 ins. diam. having two double opposite verniers reading to thirty seconds of arc, and full vertical circle 5 ins. diam. having two double verniers reading to one minute of arc; the eye piece is fitted to receive a prismatic eye piece suitable for making direct observations upon the sun or Polaris. 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 observations.

May 19, 1950 at Cor. No. 1 of this lode, in latitude $34^{\circ} 34' 00''$ N., and longitude $112^{\circ} 04' 00''$ W., I make a series of four direct observations upon the sun, with the telescope in direct and reversed positions, in each series, at approximately equal time intervals, observing opposite limbs of the sun, and reading the horizontal angle from a reference point to the sun.

Mean time of observation, 105th meridian standard time $9^{\text{h}} 08^{\text{m}}$ A.M.

Declination of sun at mean time of observation $19^{\circ} 44' 23.2''$

Mean observed vertical angle to sun's center $44^{\circ} 15' 52''$

Mean horizontal angle from reference point to sun's center $82^{\circ} 52' 52''$ S-E

True bearing to reference point equals $S. 1^{\circ} 27' 34''$ E.

The lines were measured with a $1/8$ inch steel tape, 500 ft. in length, graduated every foot, which was compared with a steel standard 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 declination observed at each corner of the survey gave a uniform value of $14^{\circ} 30'$ E.

NEW DEAL #1 Lode

At Cor. No. 1 of the New Deal #1 lode.

Set an iron pipe, $2\frac{1}{2}$ ft. long, $3/4$ in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. N.D.1-1-4348; from which

The north $\frac{1}{4}$ sec. cor. of Sec. 31, T. 14 N., R. 3 E., of the Gila and Salt River Base and Meridian, bears $S. 79^{\circ} 31' 30''$ E., 217.9 ft. dist.

No other bearings available.

Thence $S. 78^{\circ} 08' 30''$ E.

A substantial post set in the ground on the lode line; discovery point bears $S. 14^{\circ} 07'$ W., 405.0 ft. dist.

Chains

600.0

Cor. No. 2.

Set an iron pipe, 2½ ft. long, ¾ in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. N D 1-2-4348; from which

A granite rock in place 2x1x2 ft.; exposed and chiseled BxR N D 1-2-4348, bears N. 78° 08' 30" W., 20.3 ft. dist.

Thence S. 14° 51' W.

1026.2

Cor. No. 3.

Set an iron pipe, 2½ ft. long, ¾ in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. N D 1-3-4348; from which

A granite rock in place 2x2x2 ft. exposed and chiseled BxR N D 1-3-4348, bears S. 43° 20' 30" E., 49.4 ft. dist.

Thence N. 78° 08' 30" W.

286.8

A substantial post set in the ground on the lode line; discovery point bears N. 14° 07' E., 620.6 ft. dist.

586.8

Cor. No. 4.

Set an iron pipe, 2½ ft. long, ¾ in. diam., 18 ins. in the ground with a substantial wooden post set in the ground alongside and copper disc on pipe mkd. N D 1-4-4348; from which

No bearings available.

Thence N. 14° 07' E.

1025.6

Cor. No. 1, and place of beginning.

AREAS

Total area New Deal #1 lode

Acres
13.960

LOCATION

This survey is located in NE¼ of NW¼, and NW¼ of NE¼, Sec. 31 and SE¼ of SW¼ Sec. 30, T. 14. N., R. 3 E., of the Gila and Salt River Base and Meridian, Prescott, National Forest, Yavapai County, State of Arizona.

The survey of this lode is identical with location of lode as marked on the ground.

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:

Survey No. 4348

- No. 1 The discovery shaft of the New Deal #1 lode, the center of which being the discovery point, is on the lode line 405.0 ft. from the center of line 1-2; this being an old shaft rehabilitated by claimant's grantors to the sixty foot or water level, from which point drifts were run in opposite directions 15 ft. and about 600 cubic ft. of stoping operation. Shaft 4 x 6 ft., 60 ft. deep, drifts 4 x 6 x 30 ft.
Value, shaft \$300.00
drifts \$450.00
stopping \$400.00
- No. 2 A cut, the center of which bears S. 14° 07' W., 330 ft. from the center of line 1-2, 4 ft. wide, 10 ft. face, running southerly 20 ft. to face.
Value, \$150.
- No. 3 A cut, the face of which bears S; 1° 25' W., 423 ft. from Cor. No. 1, 5 ft. wide, 7 ft. face, running northerly 15 ft. to face.
Value, \$100.
- No. 4 A cut and tunnel, the face of cut bears N. 14° 07' E., 40 ft. from the 286.8 ft. point on line 3-4, cut 4 ft. wide, 10 ft. face, extending northerly from face, 30 ft.; tunnel 4 x 6 ft., running southerly 25 ft. from face.
Value, cut \$150.
tunnel \$250.

OTHER IMPROVEMENTS

- A shaft, 4 x 6 ft., 115 ft. deep, the center of which bears N. 42° 50' E., 635 ft. from Cor. No. 4.
- A house, 14.5 x 20 ft., the westerly corner of which bears N. 46° 30' E., 602 ft. from Cor. No. 4.
- A cabin, 8 x 12 ft., the northwest corner of which bears S. 23° 10' E., 465 ft. from Cor. No. 1.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

The north 1/4 cor. of Sec. 31 is a pipe corner properly set and marked as appears in the official record.

The corners of this survey are iron pipe 3/4 inch in diam. and thirty ins. long, driven 18 ins. into the ground and surrounded by a mound of earth and stone with a substantial wooden post set in the ground alongside. The pipe is fitted with a 3 1/2 in. floor flange to which is securely bolted a copper disc, which I marked according to the respective corner.

FIELD ASSISTANTS

Roy Cornet
Wm. Cornet

Chainman
Chainman

J. William Waara
Mineral Surveyor

Survey No. 4345

<p>The discovery shaft of the New Deal Mine, the center of which being the discovery point, is on the line 40.0 ft. from the center of line 1-2; this being an old shaft rehabilitated by claimant's grant to the sixty-foot water level, from which point drifts were run in opposite directions 15 ft. and about 800 cubic ft. of stoping operation. Shaft 4 x 6 ft., 50 ft. deep, drifts 4 x 6 x 70 ft. Value, shaft \$500.00 drifts \$450.00 stopping \$400.00</p>	<p>No. 1</p>	
<p>A cut, the center of which bears S. 14° 07' W., 330 ft. from the center of line 1-2, 4 ft. wide, 10 ft. deep, running southerly 50 ft. to face. Value, \$250.</p>	<p>No. 2</p>	
<p>A cut, the face of which bears S. 1° 52' W., 48 ft. from Cor. No. 1, 5 ft. wide, 7 ft. deep, running southerly 15 ft. to face. Value, \$400.</p>	<p>No. 3</p>	
<p>A cut and tunnel, the face of cut bears S. 14° 07' E., 40 ft. from the 200.8 ft. point on line 3-4, cut 4 ft. wide, 10 ft. deep, extending northerly from face, 50 ft.; tunnel 4 x 6 ft., running southerly 35 ft. from face. Value, cut \$150. tunnel \$250.</p>	<p>No. 4</p>	

OTHER IMPROVEMENTS

A shaft, 4 x 6 ft., 115 ft. deep, the center of which bears N. 42° 50' E., 635 ft. from Cor. No. 1.

A house, 14.7 x 20 ft., the westerly corner of which bears N. 46° 30' E., 602 ft. from Cor. No. 1.

A cabin, 8 x 12 ft., the northwest corner of which bears S. 22° 10' E., 465 ft. from Cor. No. 1.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

The north 1/4 cor. of Sec. 21 is a pipe corner properly set and marked as appears in the official record.

The corners of this survey are from pipe 3/4 inch in diam. and thirty two long, driven 18 ins. into the ground and surrounded by a mound of earth and stones with a substantial wooden post set in the ground alongside. The pipe is fitted with a 2 1/2 in. flange to which is securely bolted a corner disc, which is marked according to the respective corner.

FIELD ASSISTANTS

Mineral Surveyor: J. William Wears

Chairman: Roy Corbett

Chairman: M. Corbett

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

FINAL OATH OF MINERAL SURVEYOR

I, J. William Waara, Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix Arizona., dated May 16, 1950.
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 _____
Harold E. Sommer, known as the
New Deal No #1 lode, in Prescott National Forest
situate in Cherry Creek Mining District,
Yavapai County, State of Arizona, in Section
30 & 31, Township No. T. 14 N., Range No. 3 E.
and designated as Survey No. 4348, 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 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.

J. William Waara
(Mineral Surveyor)

Subscribed and sworn to by the said J. William Waara
Mineral Surveyor, before me a Notary Public

_____ this 6th.
day of June, 19 50

My commission expires

1/10/53

J. C. Bauer
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
PUBLIC SURVEY OFFICE

At Albuquerque, New Mexico

August 15, 19 50

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 Harold E. Sommer

known as the
New Deal #1 Lode

situate in Cherry Creek mining district,
Yavapai County, Arizona

in Section 30 - 31, Township No. 14 N., Range No. 3 E.

G&SRM, designated as Survey No. 4348

executed by J. William Waara, Mineral

Surveyor, May 18 and 19, 1950, 19, under my instructions dated

May 16, 1950, 19, 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.

