

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4 2 9 6

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

F. F. Malouf and Anna Malouf

Known As The

ALDER LODE

Hassayampa Mining District,

Yavapai County, Arizona

Section Unsurveyed, Township 12 $\frac{1}{2}$  North, Range 2 West, G. & S. R. B & M.

Surveyed under instructions dated February 4, 1946.

by Richard L. Merritt  
Mineral Surveyor.

Claim located November 22, 1939

Survey commenced March 15, 1946

Survey completed March 22, 1946

Address of claimant's Attorney, Edw. S. Lyman,  
Prescott, Arizona

DATES OF AMENDED LOCATIONS

January 27, 1946.

## Survey No. 4296

Feet.

Mineral Survey No. 4296 was made with a Lietz Transit No. 10256, model No. 11-E; with horizontal limb 5 ins. diam., having two double opposite verniers, and full vertical circle 4 ins. diam., having one double vernier; the verniers read to one minute of arc; a prismatic eye-piece with colored glass shade was attached to the eye-piece of the transit for the solar observations. The instrument was in good condition at the time of the survey and all adjustments were in good order. A p.m. altitude observation of the sun for azimuth, and at noon on the meridian for time and latitude, were made at a point on the survey, the details of which observations are shown in the calculation sheets herewith submitted for examination. All azimuths in this record are referred to the true meridian thus determined, by the method of deflection angles and calculated courses.

The lines were measured with a Lufkin steel tape 500 feet in length, graduated every foot, the first foot being graduated to tenths and hundredths.

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 14°00'E.

## ALDER LODGE.

Beginning at Cor. No. 1 of the Alder Lodge, where I-

Set a diorite stone, 8x10x28 ins., 16 ins. in the ground, with a mound of stones 3 ft. base by 3 ft. high rebuilt alongside, for Cor. No. 1, mkd. X.A.1.(4296); from which

The cor. of secs. 35 and 36, T.13 N., R.2 W., G.& S.R. B.& M., bears N.15°41'W., 365.61 ft. dist.; an iron post, 2 ins. diam., with a brass cap marked S35, S.36, T13N, R2W.

A pine, 30 ins. diam., bears S.81°42'W., 25.45 ft. dist., mkd. X.B.T.-A.1 (4296)

A pine, 10 ins. diam., bears N.34°53'W., 16.7 ft. dist., mkd. X.B.T.-A.1 (4296)

Thence S.8°36'30"W.

1,482.25 Cor. No. 2.

Set a diorite stone, 8x8x24 ins., 16 ins. in the ground, with a mound of stones 3 ft. base by 3 ft. high rebuilt alongside, for Cor. No. 2, mkd. X.A.2.(4296); from which

An oak, 6 ins. diam., bears S.0°25'W., 11.55 ft. dist., mkd. X.B.T.-A.2 (4296).

An oak, 10 ins. diam., bears N.20°35'W., 26.75 ft. dist., mkd. X.B.T.-A.2 (4296)

Thence N.79°49'30"W.

300.0 Intersect the lode line at the south end center, a mound of stones, 3 ft. base by 3 ft. high.

600.0 Cor. No. 3.

Set a diorite stone, 4x10x24 ins., 16 ins. in the ground, with a mound of stones 3 ft. base by 3 ft. high rebuilt alongside, for Cor. No. 3, mkd. X.A.3(4296); from which

## Survey No. 4296.

Feet.	
	An oak, 14 ins. diam., bears N.21°55'E., 9.05 ft. dist. mkd. X.B.T. - A.3 (4296).
	A pine, 6 ins. diam., bears S.87°30'W., 12.8 ft. dist., mkd. X.B.T. - A.3 (4296).
	Thence N.8°36'30"E.
1,482.25	Cor. No. 4.
	Set a granite stone, 8x10x30 ins., 16 ins. in the ground, with a mound of stones 3 ft. base by 3 ft. high rebuilt alongside, mkd. X.A.4 (4296); from which
	A pine, 14 ins. diam., bears S.37°00'E., 23.45 ft. dist., mkd. X.B.T. - A.4 (4296).
	A juniper, 40 ins. diam., bears N.18°30'E., 32.2 ft. dist., mkd. X.B.T. - A.4 (4296).
	Thence S.79°49'30"E.
300.0	Intersect the lode line at the north end center, a mound of stones 3 ft. base by 3 ft. high.
600.0	Cor. No. 1, and place of beginning.
	<b>LODE LINE.</b>
	The presumed course of the vein of the lode location embraced in this survey, counted from the point of discovery, is as follows:
	Alder lode, N.8°36'30"E., 620 ft.; and, S.8°36'30"W., 862.25 ft.
	<b>AREA.</b>
	Acres.
	Total area, Alder lode ..... 20.409
	<b>LOCATION.</b>
	This survey is located in unsurveyed T.12½ N., R.2 W., G.& S.R. B.& M., in what would be approximately Secs. 23 and 24, if the lines of the public survey were extended.
	All corners of this survey are identical with the corners of the location.
	<b>EXPENDITURE OF \$500.</b>
	I certify that the value of the labor and improvements made upon or for the benefit of the lode location embraced in said mining claim by the claimants or their grantors is not less than \$500, and that said improvements consist of:
No. 1.	The discovery shaft of the Alder lode, the center of which being the discovery point, is on the lode line 620 ft. from the center of line 4-1; 4x5 ft., 10 ft. deep. Value, \$75.
No. 2.	A cut, the center of the face of which is on the lode line of the Alder lode 635 ft. from the center of line 4-1; 4x25 ft., running S.7°30'E., from mouth to 12 ft. face. Value, \$125.
No. 3.	A cut 4 ft. wide, the center of the face of which bears N.29°E., 775 ft. from Cor. No. 3 Alder lode; running S.10°W., 35 ft. to 12 ft. face. Value, \$175.

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- No. 4. A shaft, the center of the west side of which is on the lode line of the Alder lode 1245 ft. from the center of line 4-1, 4x4 ft., 15 ft. deep.  
Value, \$175.
- No. 5. A tunnel, partly caved, 4x6 ft. in size, the portal of which bears N.1°44'W., 255.77 ft. from Cor. No. 2 Alder lode; and runs S.51°43'E., 52 ft.  
Value, \$500.
- No. 6. A shaft, the center of which is on the lode line of the Alder lode 350 ft. from the center of line 4-1; 4x4 ft., 6 ft. deep.  
Value, \$50.
- No. 7. A cut 3 ft. wide, the north end of which bears S.47°20'W., 374 ft. from Cor. No. 1 Alder lode, and runs S.28°W., 10 ft., 3 ft. deep.  
Value, \$50.
- No. 8. A cut, 5 ft. wide, the mouth of which is on the lode line of the Alder lode 265 ft. from the center of line 4-1; runs N.22°E., 35 ft. to 18 ft. face.  
Value, \$175.

## OTHER IMPROVEMENTS.

A cabin, the NW. corner of which bears S.15°E., 525 ft. from Cor. No. 4 Alder lode; 10x12 ft. in size; the long sides bear S.83°E.

Note: The discrepancies between these field notes and the amended location certificate are due to errors in the latter.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by Richard L. Merritt

Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of \_\_\_\_\_

F. F. Malouf and Anna Malouf

known as the Alder Lode

and showing the respective capacities in which they acted.

Preston Bennett, Chairman.

\_\_\_\_\_, Chairman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

FINAL OATHS OF ASSISTANTS

I, Preston Bennett

and \_\_\_\_\_, do solemnly swear that I assisted Richard

L. Merritt, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of F. F. Malouf and Anna

Malouf

known as the Alder Lode

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona

Preston B. Bennett, Chairman.

\_\_\_\_\_, Chairman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 29<sup>th</sup>

day of March, 1946

[Signature]  
Notary Public

My Commission Expires Jan. 10, 1949

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FINAL OATH OF MINERAL SURVEYOR

I, Richard L. Merritt, Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the Office Cadastral  
Engineer, at Phoenix, Arizona, dated Feb. 4<sup>th</sup> 1946,  
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 \_\_\_\_\_  
E. F. Malouf and Anna Malouf, known as the  
Alder Lode,  
situate in Hassayampa Mining District,  
Yavapai County, Arizona, in Sections  
23 & 24, Township No. 12 1/2 N, Range No. 2 W - Unsurveyed  
and designated as Survey No. 4296, 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 claimants or their  
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.

Richard L. Merritt  
(Mineral Surveyor)

Subscribed and sworn to by the said \_\_\_\_\_  
Mineral Surveyor, before me \_\_\_\_\_

this 29<sup>th</sup>  
day of March, 1946

J. P. Bauer  
Notary Public

My Commission Expires Jan. 10, 1949

4-687

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE  
PUBLIC SURVEY OFFICE

At Phoenix, Arizona

April 26, 1946

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 F.F. Malouf and Anna Malouf

....., known as the

ALDER LODE

situate in Hassayampa mining district,

Yavapai County Arizona

in ~~Section~~ Unsurveyed, Township No. 12 $\frac{1}{2}$  North, Range No. 2 West

G. & S. R. B. & M., designated as Survey No. 4 2 9 6

executed by Richard L. Merritt, Mineral

Surveyor, March 15-March 22, 1946, under my instructions dated

February 4, 1946, 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 W. Chapin*  
Office Cadastral Engineer.