

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

MINERAL SURVEY NO. 4323

ARIZONA Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

WHITEHALL COMPANY, INCORPORATED

Known As The

FLYING W

WEAVER Mining District,

YAVAPAI County, ARIZONA

Sections 11 & 12, Township 10 N., Range 4 W.

Surveyed under instructions dated April 15, 19 48

by J. WILLIAM WAARA
Mineral Surveyor.

Claim located February 4, 19 48

Survey commenced April 26, 19 48

Survey completed April 28, 19 48

Address of claimant Whitehall Company, Incorporated
c/o Edward B. Ashurst, Atty.
Wickenburg Arizona.

DATES OF AMENDED LOCATIONS

Survey No. 4323

2
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 opposite 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 observation:

April 27, 1948, at Cor. No. 1 of the Flying W lode, in latitude $34^{\circ} 13' 27''$ N. and longitude $112^{\circ} 38' 10''$ W., I make a series of four altitude observations of the sun for azimuth, each with telescope in direct and reversed positions, observing opposite limbs of the sun and reading the horizontal angle from a reference point SW. to the sun.

Mean time of observation, 105th meridian standard time	4h 10m P.M.
Declination of sun at mean time of observation	$14^{\circ} 02' 32''$ N.

Observation	Mean observed vertical angle	Mean horizontal angle flag to sun
1st	$38^{\circ} 19' 30''$	$82^{\circ} 45' 00''$
2nd	$37^{\circ} 19' 00''$	$83^{\circ} 34' 15''$
3rd	$36^{\circ} 12' 00''$	$84^{\circ} 27' 00''$
4th	$35^{\circ} 09' 00''$	$85^{\circ} 15' 43''$

True bearing of reference point S. $2^{\circ} 08'$ E.

The lines were measured with a $1/8$ th inch steel tape 500 feet in length, graduated every foot, which was compared with a steel standard tape at the time 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 $14^{\circ} 30'$ E.

Feet FLYING W. LODGE

At Cor. No. 1 of the Flying W lode.

Set an iron pipe, 36 ins. long, fitted with a floor flange 3 ins. diam., to which I securely fastened a copper disc 3 ins. diam., driven 18 ins. into the ground and surrounded by a substantial mound of stone; marked F W 1 4323 with its center for exact corner point; from which

The west $1/4$ section corner Sec. 12, T. 10 N., R. 4 W., of the Gila and Salt River Base and Meridian, bears N. $43^{\circ} 21' 30''$ W., 364.5 ft., an iron pipe 1 in. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

A granite rock in place 3x6x2 ft. exposed and chiseled BxR F W 1 4323, bears N. $29^{\circ} 21'$ E., 107.6 ft.

Thence S. $58^{\circ} 13'$ E.

2.

Survey No. 4323

Feet		
300.0	North Center End, a substantial mound of stone on lode line; discovery point bears S. 31° 47' W., 700.0 ft.	
600.0	Cor. No. 2. Set an iron pipe, 36 ins. long, fitted with a floor flange 3 ins. diam. to which I securely fastened a copper disc 3 ins. diam., driven 18 ins. into the ground and surrounded by a substantial mound of stone; marked F W 2 4323 with its center for exact corner point; from which A granite rock in place 3x2x0.5 ft. exposed and chiseled BxR (no additional markings possible), bears N. 55° 37' E., 111.2 ft. Thence S. 31° 47' W.	
625.0	Cross wash, flows northeasterly.	
1500.0	Cor. No. 3 Set an iron pipe, 36 ins. long, fitted with a floor flange 3 ins. diam., to which I securely fastened a copper disc 3 ins. diam. driven 18 ins. into the ground and surrounded by a substantial mound of stone; marked F W 3-4323 with its center for exact corner point; from which A granite reef 4x8x4 ft. exposed and chiseled BxR F W 3-4323, bears N. 21° 15' E., 93.5 ft. Thence N. 58° 13' W.	
288.0	Cross mine road, bears southwest to northeast.	
300.0	South Center End, a substantial mound of stone on lode line; discovery point bears N. 31° 47' E., 800 ft.	
502.	Cross wash, flows easterly.	
600.0	Cor. No. 4. Set an iron pipe, 36 ins. long, fitted with a floor flange 3 ins. diam. to which I securely fastened a copper disc 3 ins. diam., driven 18 ins. into the ground and surrounded by a substantial mound of stone, marked F W 4 4323 with its center for exact corner point; from which A granite reef 4x6x3 ft. exposed and chiseled BxR F W 4 4323, bears S. 16° 44' W., 54.9 ft. Thence N. 31° 47' E.	
1500.0	Cor. No. 1 and place of beginning.	
	AREAS	Acres
	Total area Flying W lode	20.661

LOCATION

This survey is located in the SE 1/4 Sec. 11 and SW 1/4 Sec. 12, T. 10 N., R. 4 W., Gila and Salt River Base and Meridian, Yavapai County, State of Arizona.

Feet

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

EXPENDITURES

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

- No. 1 Discovery open pit, the northeasterly boundary of the excavation intersecting the lode line S. 31° 47' W., 700 ft. from the North Center End, running thence S. 41° E., 27 ft. to angle corner at 16 ft. breast of cut; thence N. 31° E., 25 ft. to angle corner at 25 ft. breast; thence N. 76° E., 18 ft. to angle corner at 15 ft. breast; thence S. 68° E., 30 ft. to toe of cut; thence S. 30° W., along toe 30 ft.; thence S. 56° W., along toe 49 ft., intersection point of pit and stripping area from which point the first angle corner mentioned above, bears N. 3° W., 38 ft., also base of stripping area bears N. 75° 30' W., 123 ft.; thence N. 14° W., 64 ft.; thence East, 17 ft.; thence S. 63° E., 27 ft.; thence S. 32° E., 34 ft.; thence S. 84° E., 27 ft.; thence N. 45° E., 9 ft.; thence S. 71° E., 34 ft. to place of beginning. The pit excavation amounts to 650 cubic yards or 1140 tons and the stripping excavation amounts to 465 cubic yards or 813 tons.

Value pit excavation	\$1140.00
Value stripping	406.00

- No. 2 A stripping area, the most easterly corner of which bears S. 58° 30' W., 550 ft. from Cor. No. 2, running thence along toe S. 14° W., 72 ft.; thence along toe S. 39° W., 61 ft.; thence N. 37° W., 20 ft.; thence N. 4° 30' E., 55 ft.; thence N. 54° E., 40 ft.; thence N. 6° E., 27 ft.; thence S. 80° E., 28 ft. to place of beginning. The stripping excavation amounts to 285 cubic yards or 498 tons.

Value,	\$250.00
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OTHER IMPROVEMENTS

Rough mine road 525 ft. in length.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

None.

FIELD ASSISTANTS

Mel Ogden
James Blake

Chainman
Chainman

UNITED STATES
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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 Ariz., dated April 15, 1948,
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
Whitehall Company Inc., known as the
Flying W.,
situate in Weaver Mining District,
Yavapai County, Arizona, in Sections
Sec. 11 & 12, Township No. 10 N., Range No. 4 W.
and designated as Survey No. 4323, 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 its
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 7
day of May, 1948

W. C. Bauer

Notary Public

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

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

At Phoenix, Arizona

August 25, 19 48

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 Whitehall Company, Incorporated

known as the

FLYING W

situate in Weaver mining district,

Yavapai County, Arizona

in Section s 11 and 12, Township No. 10 North, Range No. 4 West

G. & S.R.M., designated as Survey No. 4323

executed by J. William Waara, Mineral

Surveyor, April 26 to 28, 19 48 under my instructions dated

April 15, 19 48, 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 M. Chapin Office Cadastral Engineer.

