

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4379 A & B

ARIZONA Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

HENRY M. O'CONNOR

Known As The

YELLOW ROOT, YELLOW BIRD LODES and YELLOW ROOT, YELLOW BIRD MILLSITES

HAWKBERY Mining District,

MOHAVE County, ARIZONA

Sections 11 and 12 Township 23 N. Range 14 W. G & S.R. B & M.

Surveyed under order dated June 22 19 53

by J. WILLIAM WAARA
Mineral Surveyor.

	Yellow Root Millsite	June 16, 1953
	Yellow Bird Millsite	" " "
Claim located	Yellow Bird Lode	Aug. 15 1951
	Yellow Root Lode	July 29 1950

Survey commenced June 16 19 53

Survey completed June 24 19 53

Address of claimant Kingman Arizona.

DATES OF AMENDED LOCATIONS

Yellow Bird lode May 4, 1953

Yellow Root lode " " "

MINERAL SURVEY NO.4379

This survey was made with a Lietz Light Mountain transit No. 9503, Model No.9 with a horizontal limb 5 ins. diameter having two double opposite verniers reading to thirty seconds of arc, and full vertical circle 5 ins. diameter 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 observations.

June 22, 1953 at Cor. No. 3 of the Yellow Bird Mill-site, in Latitude $35^{\circ}-24'-15''$ N. and Longitude $113^{\circ}-43'-10''$ W, I made a series of three observations upon the sun with the telescope in direct and reversed positions, observing the opposite limbs of the sun during its downward movement, and reading the horizontal angles from a reference point S.W to the opposite limbs of the sun.

A complete transcript of the observational data and calculations accompany this return on a separate sheet.

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 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 $15^{\circ}-15'E$.

YELLOW BIRD LODE

feet

At Cor. No.1 of the Yellow Bird lode.

Set an iron pipe, 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted

a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into the ground and surrounded by a substantial mound of stone, marked Y B 1 4379A with its center for exact corner point; from which

The West $1/4$ corner Sec. 12 T. 23 N.R.14 W. Gila and Salt River Base and Meridian, bears N. $85^{\circ}-02'W$. 635.1 feet, being an iron pipe as described in the official Records.

No other bearings available.

S. $49^{\circ}-10'E$.

306.5 North East center end, a substantial mound of stone on lode line; discovery point bears S. $28^{\circ}-44'W$. 510.0 feet.

613.0 Cor. No.2, on line 1-2 Yellow Root lode of this survey. Set an iron pipe, 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter, to which I bolted a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into the ground and surrounded by a substantial mound of stone, marked Y B 2 4379A with its center for exact corner point.

No bearings available.

Thence S. $28^{\circ}-44'W$

745.0 Cross mine road bears southeast to northwest.

895.0 Cor.No.1 Yellow Root lode, identical with Cor. No.2 Yellow Bird Millsite, both of this survey.

955.0 Cross mine road bears southwest to northeast.

1088.0 Cross mine road bears southwest to northeast.

1118.0 Cross gulch , flows southwesterly.

1500.0 Cor. No.3, identical with Cor. No. 1 Yellow Bird Millsite of this survey.

Set an iron pipe, 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into the ground and surrounded by a substantial mound of stone, marked Y B 3, Y B M S 1, 4379 A-B with its center for exact corner point.

No bearings available.

Thence N.49°-10'W.

160.0 Cross wash, flows southwesterly.

306.5 South West Center end, a substantial mound of stone on lode line; discovery point bears N.28°-44'E. 990.0 feet.

430.3 Cor. No.6 Yellow Bird Millsite of this survey.

527.89 Intersect the section line between Sections 11 and 12, T. 23 N.R. 14 W. N.00°-03'W. 1212.9 feet from the true point for Corner to Sections 11-12-13 and 14, from which point, the Witness Corner for said section corner bears N.00°-03'W. 198.0 feet.

550.0 Cross mine road, bears southwest to northeast.

613.0 Cor. No.4.

Set an iron pipe, 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into the ground and surrounded by a substantial mound of stone, marked Y B 4 4379A with its center for exact corner point.

No bearings available.

Thence N.28°-44'E.

133.48 Intersect the section line between Sections 11 and 12, N.00°-03'W. 1385.53 feet from the true point for Corner to Sections 11-12-13-14, and 172.63 from its intersection with line 3-4 of this lode.

1500.0 Cor. No.1 and place of beginning.

YELLOW ROOT LODE

Beginning at Cor. No.1 of the Yellow Root lode, identical with Cor. No.2 Yellow Bird Millsite, on line 2-3 Yellow Bird lode of this survey.

Set an iron pipe, 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into ground and surrounded by a substantial mound of stone marked Y R 1, Y B M S 2 4379 A-B with its center for

exact corner point; from which

The West 1/4 corner Sec. 12 T. 23 N.R. 14 W. bears
N.28°-16'W. 1408.5 feet.

No other bearings available.

N.28°-44'E.

150.0 Cross mine road bears southeast to northwest.

895.0 Cor. No. 2 Yellow Bird lode of this survey.

1500.0 COR. NO.2

Set an iron pipe, 30 inches long fitted with a floor
flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted
a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into
the ground and surrounded by a substantial mound of stone,
marked Y R 2 4379 A with its center for exact corner
point.

No bearings available.

Thence S. 61°-23'E.

300.0 North East Center end, a substantial mound of stone on
lode line; discovery point bears S.28°-44'W. 890 feet.

600.0 COR. NO.3

Set an iron pipe, 30 inches long fitted with a floor
flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted
a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches in-
to the ground and surrounded by a substantial mound of stone,
marked Y R 3 4379A with its center for exact corner
point.

No bearings available.

Thence S.28°-45'W.

1500.0 COR. NO.4

Set an iron pipe, 30 inches long fitted with a floor
flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted
a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches in-
to the ground and surrounded by a substantial mound of
stone, marked Y R 4 4379 A with its center for exact
corner point.

No bearings available.

Thence N.61°-23'W.

- 299.4 South West Center end, a substantial mound of stone on lode line; discovery point bears N.28°-44'E. 610 feet.
- 375.7 Cor. No.2 Yellow Root Millsite of this survey.
- 392.0 Cross mine road bears southwest to northeast.
- 416.4 Cross Gulch, flows southwesterly.
- 455.0 Cross mine road bears southwest to northeast.
- 550.4 Cross mine road bears southwest to northeast.
- 559.4 Cor. No. 1 Yellow Root Millsite identical with Cor. No.3 Yellow Bird Millsite both of this survey.
- 599.4 COR. NO.1 and place of beginning.

YELLOW ROOT MILLSITE.

At COR NO.1 of the Yellow Root Millsite, on line 1-4 Yellow Root lode of this survey.

Set an iron pipe 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into the ground and surrounded by a substantial mound of stone, marked Y R M S 1 4379 B with its center for exact corner point; from which

The West $1/4$ corner Sec. 12 T. 22 N.R.14 W. bears N.29°-08'W. 1442.0 feet.

Cor. No.1 of the Yellow Root lode bears N.61°-23'W. 40.0 feet.

No other bearings available.

Thence S.61°-23'E.

- 9.0 Cross mine road brs. southwest to northeast.
- 105.0 Cross mine road brs. southwest to northeast.
- 143.0 Cross gulch, flows southwesterly
- 168.0 Cross mine road brs. southwest to northeast.
- 183.7 Cor. No.2 on line 4-1 Yellow Root ^{millsite} lode of this survey.

Set an iron pipe 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into the

ground and surrounded by a substantial mound of stone, marked Y R M S 2 4379 B with its center for exact corner point.

No bearings available.

Thence S.30°-02'W.

1361.1 Cor No.3.

Set an iron pipe 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into the ground and surrounded by a substantial mound of stone, marked Y R M S 3 4379 B with its center for exact corner point.

No bearings available.

Thence N.61°-23'W.

136.07 Cor. No.4, identical with Cor. No.4 Yellow Bird Millsite of this survey.

Set an iron pipe 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into the ground and surrounded by a substantial mound of stone, marked Y R M S 4, Y B M S 4 4379B with its center for exact corner point.

No bearings available.

Thence N.28°-02'-30"E.

1170.7 Cross Gulch, flows southwesterly.

1210.7 Cross mine road bears southwest to northeast.

1250.7 Cross mine road brs. southwest to northeast.

1360.7 Cor. No.1 and place of beginning.

YELLOW BIRD MILLSITE.

At Cor. No. 1 of the Yellow Bird Millsite, identical with Cor. No.3 Yellow Bird lode of this survey.

Set an iron pipe 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted a

copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into the ground and surrounded by a substantial mound of stone, marked Y B 3 Y B M S 1 4379 A-B with its center for exact corner point; from which

The true point for Corner to Sections 11-12-13-14, T. 23 N.R. 14 W. brs. S. $23^{\circ}-14'-W.$, . 945.7 feet. From this true point for corner, the witness corners brs. N. $00^{\circ}-03'W.$ 198.0 feet. the latter being an iron pipe as described in the official records.

No other bearings available.

Thence N. $28^{\circ}-44'E.$

382.0 Cross gulch, flows southwesterly.

412.0 Cross mine road bears southwest to northeast.

555.0 Cross mine road bears southwest to northeast.

605.0 Cor No.2 identical with Cor. No. 1 Yellow Root lode, on line 2-3 Yellow Bird lode, all of this survey.

Thence S. $61^{\circ}-23'E.$

40.0 Cor. No.3, identical with Cor, No. 1 Yellow Root Millsite, on line 4-1 Yellow Root lode all of this survey.

Thence S. $28^{\circ}-02'-30"W.$

10.0 Cross mine road bears southwest to northeast.

150.0 Cross mine road bears southwest to northeast.

190.0 Cross gulch, flows southwesterly.

1360.7 Cor. No.4 identical with Cor. No.4 Yellow Root Millsite of this survey.

Thence N. $61^{\circ}-23'W.$

39.3 Cor. No. 5.

Set an iron pipe 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter, to which I securely bolted a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into the ground and surrounded by a substantial mound of stone, marked Y B M S 5 4379B with its center for exact corner point.

No bearings available.

Thence N. $1^{\circ}-22'E.$

- 590.0 Cross wash flows southwesterly.
- 952.4 Cor. No.6, on line 3-4 Yellow Bird lode of this survey.
Set an iron pipe 30 inches long fitted with a floor flange $3\frac{1}{2}$ inches in diameter. to which I securely bolted a copper disc $3\frac{1}{2}$ inches in diameter, driven 18 inches into the ground and surrounded by a substantial mound of stone, marked Y B M S 6 4379 B, with its center for exact corner point.

No bearings available.

Thence S. $49^{\circ}-10'E$.

- 123.8 South West Center end Yellow Bird lode of this survey.
- 170.3 Cross wash, flows southwesterly.
- 430.3 Cor. No.1, and place of beginning.

(For AREAS see Page 11)

LOCATION

This survey is located in the S.W. $1/4$ Sec. 12, T.23 N. R.14 W. of the Gila and Salt River Base and Meridian. Mohave County, State of Arizona.

The survey of these lodes and millsites is identical with the amended location of the lodes and original location of the millsites 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 locations embraced in said mining claim by the claimants or his grantors are as follows;

- No.1 The discovery point of the Yellow Root lode is a monument on the lode line $N.28^{\circ}-44'E$. 610 feet from the southwest end center, being a mineralized dyke explored by various workings nearby.
- No.2 A shaft, the center of which bears $N.50^{\circ}-30'E$. 555 feet from Cor. No.1, 4x4x3 feet deep
Value \$ 35.00
- No.3 A trench, the southerly end of which brs. $N. 52^{\circ}-30'E$. 555 feet from Cor. No.1, 4x15x6 feet deep, brs north-

easterly. Value \$150.00

No.4 A cut and tunnel, the southerly end of cut brs. N.55°-30'E. 490 feet from Cor. No.1, cut 4 to 10 wide 30 long with 12 foot face running northeasterly, tunnel in face 2x4x3 feet.

Value cut \$350.00
tun \$ 15.00

No. 5 A cut, the southerly end of which brs. N.55°-30'E. 510 feet from Cor. No.1, 3x30x5 feet deep running northeasterly.

Value \$100.00

No.6 A cut, the face of which brs. S.73°W. 333 feet from Cor. No.3, 4x20x10 foot face running easterly.

Value \$175.00

No.7 A shaft, the center of which brs. S.70°W. 333 feet from Cor. No.3, 4x6x8 feet deep.

Value \$100.00

No.8 A cut, the mouth of which brs. N.64°-30'E. 585 feet from Cor. No.1, 4x8x6 foot face running easterly.

Value \$ 50.00

No.1 The discovery cut of the Yellow Bird lode, the center of which being the discovery point, is on the lode line N.28°-44'E. 990 feet from the southwest end center, 4x14x10 foot face running northerly.

Value \$150.00

No.2 A cut and tunnel, the mouth of cut brs. S.54°W. 590 feet from Cor. No.2, cut 4x10x8 foot face, tunnel 4x6x30 ft. running northerly.

Value cut \$ 75.00
tun \$450.00

No.3 A shaft, the center of which brs. N.5°E. 520 feet from Cor. No. 3, 8x12x8 feet deep.

Value \$200.00

The claimant has expended a large sum of money, first in building and maintaining an access road from the main highway to the property, second in building and maintaining roads within the group of lodes and millsites for the beneficial use of the lodes. The road work extends about a mile in length and together with its maintenance has the following value

Value \$500.00

Value of 1/2 interest. \$250.00

This improvement is a "Common Improvement" and is in the course of maintenance and use for the development of the two lodes of this survey and is strictly a responsibility of the claimant who is the sole user of the road and only operator of mining property in the local area.

Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore an undivided one half interest in its value is hereby credited to each of said lodes of this survey.

OTHER IMPROVEMENTS

An ore chute, crusher, conveyor belt dry, washer and hot head engine, an operating unit 6x33 feet long is located on the Yellow Root Millsite, its northerly end being S.43°E. 51 feet from Cor. No.1, running S.15°W.33 feet.

A shop and storage yard is located on the Yellow Bird millsite the shop bears S.15°E. 25 feet from Cor. No. 2.

A projected water well development in the lowland area on the banks of Hackberry Wash, southerly from Cor. No. 1 of the Yellow Bird millsite, is in the making for both millsites improvements.

A compressor is located N.8°E. 790 feet from Cor. No. 3 Yellow Bird lode.

A trailer house is located N.14°W. 360 feet from Cor. No.2 Yellow Bird lode.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

None

FIELD ASSISTANTS

Henry Zuker	Chainmen
Robert Beglinger	Chainmen

William L. ...
Mineral Surveyor

(insert following "heading" after line 13 page 8

Survey No. 4379 A and B

AREAS		Acres
Total area Yellow Bird Lode		20.640
Area in conflict with Section 11 (private land)		0.127
Total area Yellow Root lode		20.651
Total area Yellow Bird Millsite		4.988
Total area Yellow Root Millsite		4.999

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

I, J. WILLIAM WAARA, Mineral Surveyor,

hereby certify upon honor that in pursuance of an order received from the.....

CADASTRAL ENGINEER, at Albuquerque N.M.,

dated June 28, 1953, I have faithfully and correctly executed the survey

of the mining claim of HENRY M. O'CONNOR

....., known as the YELLOW ROCK & YELLOW BIRD Lodes and

YELLOW ROCK & YELLOW BIRD MILL SITES (lode, placer, or millsite), situate in HACH BERRY Mining District

MOHAVE COUNTY T. 23 N., R. 14 W.,

G. & S. B. & N. Meridian, ARIZONA, and designated

as Survey No. 4479 A and B (State)

....., which is represented in the foregoing 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 expended and improvements made upon or for the benefit of the lodes

location—embraced in the said mining claim by claimant— or his 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.

Prescott Arizona.
(Place)

Aug 30, 1953
(Date)

J. William Waara
(Mineral Surveyor)

