

Form 4-683
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number	4625
State	Arizona
Land District	

Of the Survey of the Mining Claim of *(name and address of Claimant)*

O. B. Willis and Geneva Willis
P. O. Box 1325, Clifton, Arizona

Known as the *(name of group, if any)*

Harmony 1 Placer

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Harmony 1 Placer	7-17-63	

Mining district		Granville (Copper Mtn.)		County	Greenlee
Section	16	Township	3 South	Range	29 East
Meridian		Gila & Salt R.		Survey under order dated	
Jan. 8, 1965		Jan. 10, 1965		O. T. Smith	

100-1-1001

SEARCHED INDEXED

FILED

APR 10 1962

FBI

APR 10 1962

100-1-1001

SEARCHED INDEXED

100-1-1001

APR 10 1962

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FBI

SURVEY NO. 4625

FEET

This survey was made with a Wm. Ainsworth & Sons transit No. 2099, with horizontal limb 5.5 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 eyepiece is equipped with a colored shade set in the dust shutter 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.

January 9, 1965 at corner No. 2 of the Harmony 1 Placer, in latitude $33^{\circ}10'10''$ N., and longitude $109^{\circ}21'10''$ W., I make a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from corner No. 1, of Harmony 1 Placer.

Mean time of observation,
105th meridian standard time = $2^{\text{h}}11^{\text{m}}$ p.m.

Declination of sun at mean
time of observation = $22^{\circ}02'17''$ S.

Mean observed vertical angle
to sun's center = $29^{\circ}13'55''$

Mean horizontal angle from
corner No. 1 to sun's center = $61^{\circ}48'20''$

True bearing to Corner No. 1 = N. $89^{\circ}42'26''$ W.

The lines were measured with a Lufkin steel tape 500 feet in length, graduated every foot and tenths and hundredths at the zero and each 100 ft. mark. Tape was compared with a Lufkin 100 ft, standard 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 $14^{\circ}45'$ E.

SURVEY No. 4625

Harmony 1 Placer

At cor. No. 1 of the Harmony 1 Placer, identical with the 1/4 sec. cor. of secs. 16 and 17, T. 3S, R. 29 E., G. & S. R. M.

A 1 in. iron pipe with brass cap, 18 ins. above ground, firmly set, marked and witnessed as described in the official records, and I add 1-H1-4625.

FEET	
	Thence S. 89°42'30" E.
386.77	Intersect Highway Right of Way line on curve, bears North to Northeast and South to Southeast.
692.00	Center of Highway, bears N. 20° W., and S. 40°E.
807.00	Center of Highway, bears S. 45°W., and N. 15°E.
912.00	Center of roadway, bears N. 35°W., and S. 35°E.
1,320.02	<p>Cor. No. 2</p> <p>Set a steel pin 18 ins. long, 5/8 in. diam. 16 ins. in ground with aluminum cap, mkd. 2-HI-4625.</p> <p>The center 1/4 sec. cor. of sec. 16, T. 3 S. R. 29 E., G. & S. R. M., bears S. 89°42'30" E., 1320.02 ft. dist.; an iron pin 5/8 in. diam., 4 ins. above ground, mkd. CTR. sec. 16.</p> <p>The right of way curves intersection bears S. 70°53' W., 230.9 ft. dist.</p> <p>No local bearing objects or bearing trees available</p> <p>Thence S. 0°14'20" W.</p>
304.72	Intersect right of way line of the U.S. Highway No. 666 on a curve, bears North, Northwest and South, Southeast.
1,322.23	<p>Cor. No. 3</p> <p>Set a steel pin 18 ins. long, 5/8 in. diam. 16 ins. in ground with aluminum cap, mkd. 3-HI-4625.</p> <p>The Ctr. South 1/16 sec. cor. of sec. 16; bears S. 89°47'30" E., 1319.74 ft. dist.</p> <p>The South 1/4 sec. cor. of sec. 16 bears S. 44°45'30" E., 1866.07 ft. dist.</p> <p>The West 1/16 sec. cor. of sec. 16 bears S. 0°14'20" W., 1322.22 ft. dist.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence N. 89°47'30" W.</p>
1,319.73	<p>Cor. No. 4</p> <p>Set a steel pin 18 ins. long, 5/8 in. diam. 16 ins. in ground with aluminum cap, mkd. 4-HI-4625.</p> <p>The cor. of secs. 16, 17, 20 and 21 bears S. 0°13'40" W., 1324.18 ft. dist.</p>

FEET	
	No local bearing objects or bearing trees available.
	Thence N. 0°13'40" E.
580.00	Center of primitive road, bears S. 40° W. and N. 40° E.
1,324.18	Cor. No. 1 and place of beginning.
Survey No. 4625	
AREAS	
	Acres
Total Area Harmony 1 Placer	40.093
Area in conflict with Highway 666 Right of Way	5.436
Location	
This survey is located in the NW 1/4 SW 1/4 Sec. 16, Township 3 South, Range 29 East, Gila and Salt River Meridian.	
The survey of the Harmony 1 Placer is identical with the respective location as marked on the ground. Corner No. 1 is identical with the West 1/4 sec. corner of sec. 16, T. 3 S., R. 29 E., G. & S. R. M.	
Expenditures	
No. 1	A benched cut 30 ft. wide at the bottom level, the face of which bears S. 60° W. 670 ft. from cor. No. 2 Harmony 1 Placer, runs N. 70° E. 200 ft. dist.
	Value, \$2,000.00
OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA	
The center 1/4 sec. cor. of sec. 16, T. 3 S., R. 29 E., G. & S. R. M. was established at the intersection of the North-South and the East-West center lines.	
Set a steel pin 5/8 in. diam., 18 ins. long, 12 ins. in the ground with aluminum cap mkd. Ctr. Sec. 16.	
The North, South, East and West 1/4 sec. cors. of sec. 16 are 1 in. iron pipe with brass caps, firmly set, mkd. and witnessed as described in the official records.	
The cor. for secs. 16, 17, 20 and 21 is a 1 in. iron pipe, with brass cap, firmly set, mkd. and witnessed as described in the official records.	
Field Assistants	
Name	Capacity
M. J. Rapier	Transitman
D. A. Stratton	Chainman

FEET

<p>100</p>	<p>100</p>
<p>200</p>	<p>200</p>
<p>300</p>	<p>300</p>

UNITED STATES
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BUREAU OF LAND MANAGEMENT

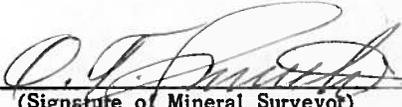
CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor O. T. Smith	Date May 27, 1965
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I HEREBY CERTIFY That in pursuance of an order received from the Department of the Interior, Bureau of Land Management at Phoenix, Arizona dated December 1, 1964, I have carefully executed the survey of the claim of O. B. Willis & Geneva Willis known as the (lode, placer, or mill site) Harmony 1 Placer situated in Section 16 Township 3 S., Range 29E., Gila and Salt River Meridian, in the State of Arizona

This survey, designated as number 4625, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in the specific manner described in the foregoing field notes.

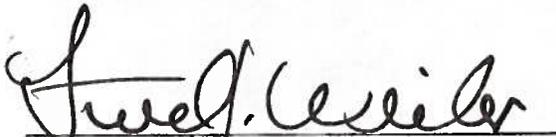
I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) Harmony 1, Placer location(s) embraced in the said mining claim by claimant(s) or grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. 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.

Globe, Arizona (Location)	 (Signature of Mineral Surveyor)
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CERTIFICATE OF APPROVAL

Office Arizona State Office Bureau of Land Management
Location Phoenix, Arizona
Date January 7, 1966

The foregoing field notes of mineral survey number 4625, in Section 16, Township 3 S., Range 29 E., Gila and Salt River Meridian, in the State of Arizona, executed by O. T. Smith, Mineral Surveyor, under order dated December 1, 1964, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

 Fred J. Weller (Authorized Signature)	State Director (Title)
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CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of field notes of the above described mineral survey number is a true copy of the original field notes.

(Authorized Signature)	(Title)
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Title 18, U. S. C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

1952

1952

Information, please see the attached letter to the
Department of the Interior, Bureau of Reclamation,
Washington, D.C. 20540.

The enclosed letter is for your information.
It contains a copy of the letterhead memorandum
dated 10/1/52, and a copy of the letter dated
10/1/52, both of which are being furnished to
the Bureau of Reclamation, Washington, D.C.

[Handwritten signature]

1952



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