

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4513

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

W. G. KEISER and GEORGE F. RICE

Known As The

VIRGIN QUEEN, VIRGIN QUEEN NO. 2 and OLD BUCK

Plomosa Mining District,

Yuma County, Arizona

Sections 22 and 27, Township 4 North, Range 20 West, G&SRM

Surveyed under order dated October 13, 1959

by William P. Smith
Mineral Surveyor.

	Virgin Queen--December 14,	1903
Claim located	Virgin Queen No. 2--January 2,	1905
	Old Buck--January 2,	1916
Survey commenced	November 3,	1959
Survey completed	December 1,	1959
Address of claimant	Box 3	
	Quartzsite, Arizona	

DATES OF AMENDED LOCATIONS

Virgin Queen and Virgin Queen No. 2--January 4, 1928
Old Buck--August 1, 1935

Survey No. 4513

1

Feet

This survey was made with a C. L. Berger transit No. 15909, Model 2-C, with horizontal limb 6.25 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; equipped with a prism eyepiece 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:

November 5, 1959, at Cor. No. 1 of the Virgin Queen No. 2 lode in latitude $33^{\circ} 39' 50''$ N., and longitude $114^{\circ} 17' 40''$ W., I make a series of eight altitude observations upon the sun for azimuth at approximately equal time intervals, four each with a telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from Cor. No. 2 of the Virgin Queen No. 2 lode about 500 ft. southwest south to the sun.

Mean time of observation 120th
meridian standard time - $2^{\text{h}} 29^{\text{m}}$ p.m.

Declination of sun at mean time
of observation - $15^{\circ} 39' 59''$

Mean observed vertical angle to
sun's center - $23^{\circ} 27'$

Mean horizontal angle from ref-
erence point to sun's center - $5^{\circ} 01' 15''$ W-S

True bearing to reference point: - $S. 45^{\circ} 02' 52''$ W.

The lines were measured with a Lufkin steel tape 300 ft. in length, graduated every foot throughout with added foot graduated to hundredths of feet; the tape was compared with a city standard at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods as shown by calculation sheets herewith submitted.

The magnetic declination observed at each corner of the survey gave a uniform value of 16° E.

VIRGIN QUEEN LODGE

At Cor. No. 1 of the Virgin Queen lode, identical with Cor. No. 2, Old Buck, and Cor. No. 4, Virgin Queen No. 2 lodes of this survey, and on line between the NW and SW cors., Sur. Gen. No. 138, Mariquitta lode.

Set a brass tablet 2 ins. diam., $1\frac{1}{2}$ -in. stem in top of galvanized iron pipe $1\frac{3}{4}$ ins. diam., 24 ins. long, 18 ins. in the ground in a mound of stone mkd. VQ-1 VQ2-4 OB-2-4513; from which

The NW cor. Gen. Sur. No. 138, Mariquitta lode bears N. $44^{\circ} 57'$ W.
2.2 ft. dist.

XCEBOK Feet	XCEBOK Feet
	<p>The cor. to Secs. 22, 23, 26 and 27, T. 4 N., R. 20 W., Gila and Salt River Meridian, bears S. 74° 19' E., 1306.8 ft. dist.; an iron post with brass cap properly marked as described in the official record.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence S. 45° 03' W.</p>
297.8	Lode line; discovery point bears N. 46° 02' W., 124.7 ft. dist.
317.8	Gulch, course S. 36° E.
531.3	Cor. No. 3, Virgin Queen No. 2 lode of this survey.
548.3	Gulch, course S. 38° E.
595.8	Cor. No. 2.
	<p>Set a brass tablet 2 ins. diam., 1½-in. stem in top of galvanized iron pipe 1-3/4 ins. diam., 24 ins. long, 18 ins. in the ground in a mound of stone mkd. VQ-2-4513.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence N. 46° 07' W.</p>
1381.8	Cor. No. 3.
	<p>Set a brass tablet 2 ins. diam., 1½-in. stem in top of galvanized iron pipe 1-3/4 ins. diam., 24 ins. long, 18 ins. in the ground in a mound of stone mkd. VQ-3-4513; from which</p> <p>"A pálo verde, 3 ins. in diam., bears N. 1° 03' W., 56.1 ft. dist. mkd. XBT.</p> <p>Ledge rock, 24 ins. long, 12 ins. above ground bears N. 52° 13' W., 5.1 ft. dist. mkd. Vq-3-4513-XBO.</p> <p>A corner of the location bears S. 79° 11' W., 12.3 ft. dist.</p> <p>Thence N. 45° 03' E.</p>
249.0	Ridge, bears N. 60° W. and S. 60° E.
300.0	Lode line; discovery point bears S. 46° 02' E., 1257.0 ft. dist.
597.8	Cor. No. 4, identical with Cor. No. 3, Old Buck lode of this survey.
	<p>Set a brass tablet 2 ins. diam., 1½-in. stem in top of galvanized iron pipe 1 3/4 ins. diam., 24 ins. long, 18 ins. in the ground in a mound of stone mkd. VQ-4 OB-3-4513.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence S. 46° 02' E.</p>
1381.7	Cor. No. 1 and place of beginning.
VIRGIN QUEEN NO. 2 LODE	
Beginning at Cor. No. 1, Virgin Queen No. 2 lode, identical with the SW cor. of Gen. Sur. No. 138, Mariquitta lode.	

X
Feet

Set a brass tablet 2 ins. diam., $1\frac{1}{2}$ -in. stem in top of galvanized iron pipe $1\frac{3}{4}$ ins. diam., 24 ins. long, 18 ins. in the ground in a mound of stone mkd. VQ2-1-4513; from which

The cor. to Secs. 22, 23, 26 and 27, T. 4 N., R. 20 W., G&SRM, bears N. $15^{\circ} 39'$ E., 735.6 ft. dist., previously described.

No local bearing objects or bearing trees available.

Thence S. $45^{\circ} 03'$ W.

32.0 Left bank at wash, course S. 30° E.

138.0 Right bank of wash, course S. 30° E.

143.0 Road, bears S. 29° E. and N. 29° W.

231.3 Lode line; discovery point bears N. $44^{\circ} 57'$ W., 1195.1 ft. dist.

531.3 Cor. No. 2.

Set a brass tablet 2 ins. diam., $1\frac{1}{2}$ -in. stem in top of galvanized iron pipe $1\frac{3}{4}$ ins. diam., 24 ins. long, 18 ins. in the ground in a mound of stone mkd. VQ2-2-4513; from which

A corner of the location bears S. $45^{\circ} 03'$ W., 114.5 ft. dist.

No local bearing objects or bearing trees available.

Thence N. $44^{\circ} 57'$ W.

1500.0 Cor. No. 3 on line 1-2, Virgin Queen lode of this survey.

Set a brass tablet 2 ins. diam., $1\frac{1}{2}$ -in. stem in top of galvanized iron pipe $1\frac{3}{4}$ ins. diam., 24 ins. long, 18 ins. in the ground in a mound of stone mkd. VQ2-3-4513.

No local bearing objects or bearing trees available.

Thence N. $45^{\circ} 03'$ E.

213.5 Gulch, course S. 36° E.

300.0 Lode line; discovery point bears S. $44^{\circ} 57'$ E., 304.9 ft. dist.

531.3 Cor. No. 4, identical with Cor. No. 1, Virgin Queen and Cor. No. 2, Old Buck lodes of this survey, on line between the NW and SW corners, Sur. Gen. No. 138, Mariquitta lode.

Thence S. $44^{\circ} 57'$ E.

730.0 Road bears S. 5° E. and N. 5° W.

1028.0 Right bank of wash, course S. 5° E.

1094.0 Left bank of wash, course S. 5° E.

1121.0 Road bears S. 8° E. and N. 8° W.

1500.0 Cor. No. 1 and place of beginning.

Chains
Feet

OLD BUCK LODGE

Beginning at Cor. No. 1 of the Old Buck lode.

Set a brass tablet 2 ins. diam., $1\frac{1}{2}$ -in. stem in top of galvanized iron pipe $1\frac{3}{4}$ ins. diam., 24 ins. long, 18 ins. in the ground in a mound of stone mkd. OB-1-4513; from which

The cor. to Secs. 22, 23, 26 and 27, T. 4 N., R. 20 W., G&SRM, bears S. $51^{\circ} 50'$ E., 1147.1 ft. dist., previously described.

A palo verde, 3 ins. in diam., bears S. $78^{\circ} 54'$ W., 39.9 ft. dist., mkd. XBT.

A corner of the location bears N. $45^{\circ} 03'$ E., 85.5 ft. dist.

No other local bearing objects or bearing trees available.

Thence S. $45^{\circ} 03'$ W.

300.0 Lode line; discovery point bears N. $44^{\circ} 57'$ W., 1235.6 ft. dist.

357.0 Left bank of wash, course S. 37° E.

406.0 Right bank of wash, course S. 37° E.

444.3 Road, bears S. 37° E. and N. 37° W.

503.3 Cor. No. 2, identical with Cor. No. 1, Virgin Queen and Cor. No. 4, Virgin Queen No. 2 lodes of this survey, on line between NW and SW corners, Sur. Gen. No. 138, Mariquitta lode.

Thence N. $46^{\circ} 02'$ W.

1381.7 Cor. No. 3, identical with Cor. No. 4, Virgin Queen lode of this survey.

Thence N. $45^{\circ} 03'$ E.

166.0 Right bank of wash, course S. 50° E.

229.4 Lode line; discovery point bears S. $44^{\circ} 57'$ E., 145.9 ft. dist.

256.4 Road bears N. $53^{\circ} 30'$ W. and S. $53^{\circ} 30'$ E.

287.0 Left bank of wash, course S. 53° E.

529.4 Cor. No. 4.

Set a brass tablet 2 ins. diam., $1\frac{1}{2}$ -in. stem in top of galvanized iron pipe $1\frac{3}{4}$ ins. diam., 24 ins. long, 18 ins. in the ground in a mound of stone mkd. OB-4-4513; from which

A quartz ledge rock, 18 x 3 ins., 12 ins. high, bears N. $21^{\circ} 42'$ E., 22.2 ft. dist. mkd. OB-4-4513 XBO.

A corner of the location bears N. $42^{\circ} 22'$ W., 69.9 ft. dist.

No other local bearing objects or bearing trees available.

Thence S. $44^{\circ} 57'$ E.

375.0 Right bank of wash, course S. 12° W.

xObasox
Feet

- 455.0 Left bank of wash, course S. 12° W.
- 1379.3 Intersect the NW end line of Gen. Sur. No. 138, Mariquitta lode at a point from which the NW cor. bears S. 45° 03' W., 503.3 ft. dist.
- 1381.5 Cor. No. 1 and place of beginning.

AREAS

Acres

Total area, Virgin Queen lode	18.927
Total area, Virgin Queen No. 2 lode	18.295
Total area, Old Buck	16.376
Area in conflict with Gen. Sur. No. 138, Mariquitta lode	0.025

LOCATION

This survey is located in the SW $\frac{1}{4}$ and SE $\frac{1}{4}$ Sec. 22 and NE $\frac{1}{4}$ Sec. 27, T. 4 N., R. 20 W., G&SRM, Arizona.

The survey of the Virgin Queen lode is wholly within the amended location as marked on the ground; Cor. No. 3 differs to the extent previously shown. The survey of the Virgin Queen No. 2 lode is wholly within the location as marked on the ground; Cors. Nos. 2 and 3 differ to the extent previously shown. The survey of the Old Buck lode is wholly within the location as marked on the ground; Cors. Nos. 1 and 4 differ to the extent previously shown.

EXPENDITURES

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

- No. 1 The discovery shaft of the Virgin Queen lode, the center of which being the discovery point is on the lode line 124.7 ft. from a point on line 1-2, 297.8 ft. from Cor. No. 1, 5 x 5 ft., 200 ft. deep. At bottom of shaft a cross cut, 4 x 5 ft., runs N. 45° E., 100 ft. to breast.
Value of tunnel and cross cut, \$4800.
- No. 2 A shaft, the center of which bears N. 74° W., 480 ft. from Cor. No. 1, Virgin Queen lode, 4 x 4 ft., 10 ft. deep.
Value; \$100.
- No. 3 A shaft, the center of which bears N. 73° W., 415 ft. from Cor. No. 1, Virgin Queen lode, 5 x 5 ft., 25 ft. deep.
Value, \$300.
- No. 4 A shaft, the center of which bears N. 88° W., 270 ft. from Cor. No. 1, Virgin Queen lode, 5 x 5 ft., 30 ft. deep.
Value, \$350.
- No. 5 A shaft, the center of which bears S. 79° W., 315 ft. from Cor. No. 1, Virgin Queen lode, 4 x 5 ft., 20 ft. deep.
Value, \$250.
- No. 6 A shaft, the center of which bears S. 79° W., 235 ft. from Cor. No. 1, Virgin Queen lode, 4 x 5 ft., 20 ft. deep.
Value, \$250.

XCHAI3EX

- No. 7 A shaft, the center of which bears S. 67° W., 210 ft. from Cor. No. 1, Virgin Queen lode, 5 x 5 ft., 65 ft. deep.
Value, \$1000.
- No. 1 The discovery shaft of the Virgin Queen No. 2 lode, the center of which being the discovery point, is on the lode line 304.9 ft. from a point on line 3-4, 231.3 ft. from Cor. No. 4, 5 x 5 ft., 30 ft. deep.
Value, \$350.
- No. 2 A shaft, the center of which bears S. 25° E., 340 ft. from Cor. No. 4, Virgin Queen No. 2 lode, 4 x 4 ft., 10 ft. deep.
Value, \$100.
- No. 3 A shaft, the center of which bears N. 57° 30' E., 100 ft. from Cor. No. 3, Virgin Queen No. 2 lode, 4 x 4 ft., 80 ft. deep.
Value, \$1400.
- No. 4 A cut, the face of which bears S. 30° W., 200 ft. from Cor. No. 4, Virgin Queen No. 2 lode, 5 ft. wide, 8 ft. face, runs N. 79° E., 15 ft. to face.
Value, \$100.
- No. 5 A cut, the face of which bears S. 14° E., 380 ft. from Cor. No. 4, Virgin Queen No. 2 lode, 4 ft. wide, 4 ft. face, runs N. 45° W., 10 ft. to face.
Value, \$50.
- No. 6 A shaft, the center of which bears S. 71° 30' W., 335 ft. from Cor. No. 1, Virgin Queen No. 2 lode, 5 x 5 ft., 320 ft. deep.
Value, \$6000.
- No. 1 The discovery shaft of the Old Buck lode, the center of which being the discovery point is on the lode line 145.9 ft. from a point on line 3-4, 229.4 ft. from Cor. No. 3, 5 x 5 ft., 100 ft. deep. At bottom of shaft, a cross cut, 4 x 5 ft., runs N. 45° E., 32 ft. to breast.
Value of tunnel and cross cut, \$1500.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Gen. Sur. No. 138, Mariquitta lode, the SW cor., NW cor., and the NE cor. are stone monuments 4 ft. base, 4 ft. high. No definite point for corner could be found. The center top of monuments was used for corner. The distance between the SW cor. and NW cor. was found to be 1500.2 ft. instead of 1500.0 ft., as approved. The distance between the NW cor. and NE cor. was found to be 589.4 ft., instead of 600.0 ft., as approved.

FIELD ASSISTANTS

Name	Capacity
Vernon E. Durrent	Chainman
John M. Fickling	Chainman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

December 17, 1959

I, William P. Smith
Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the Office
of Cadastral Engineer, at Phoenix, Arizona
dated October 22, 1959, I have faithfully and correctly executed the survey of
the mining claim of W.G. Keiser and George F. Rice,
known as the Virgin Queen, Virgin Queen No. 2 and Old Buck lodes
(Lode, placer, or mill site)
situate in Secs. 22 and 27
T. 4 N., R. 20 W. Gila and Salt River Meridian, Arizona, and
(State)
designated as Survey No. 4513, 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 Lode location(s) embraced in the said mining claim by
(Lode or placer)
claimant(s) or their 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.

Glendale, California
(Place)

William P. Smith
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management--Survey Office
(Office)
Phoenix, Arizona March 2, 1960
(Place) (Date)

The foregoing field notes of mineral survey No. 4513, in Plomosa Mining District--
Sections 22 and 27, T. 4 North, R. 20 West, Gila & Salt River Meridian,
Arizona, executed by William P. Smith, Mineral Surveyor,
(State)
under order dated October 22, 1959, 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.

Lester S. Mann
Lester S. Mann
Office Cadastral Engineer
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. _____
is a true copy of the original field notes.

(Title)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CENTRAL OFFICE OF SURVEY

Form No. 100-100

Section 100-100

1. Name of Survey: _____
2. Date of Survey: _____
3. Name of Surveyor: _____
4. Name of Assistant: _____
5. Name of Witness: _____
6. Name of Witness: _____
7. Name of Witness: _____
8. Name of Witness: _____
9. Name of Witness: _____
10. Name of Witness: _____

STATEMENT OF SURVEY

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