

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number

4805

State

Arizona

Land District

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

Occidental Minerals Corporation
P. O. Drawer "AG"
Miami, Arizona 85539

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Rising Sun No. #1	11/17/51	
Rising Sun No #2	11/17/51	
Rising Sun, No. 5 Extension	5/19/52	
Rising Sun 8	9/20/68	
Rising Sun 9	9/25/68	

Mining district			County	
Globe			Gila ..	
Section	Township	Range	Meridian	Survey under order dated
7	1 South	15 East	Gila & Salt River	June 12, 1980
Survey commenced		Survey completed	Name of Mineral Surveyor	
January 18, 1981		February 11, 1981	Travis L. Gant	

FEET

This survey was made with a Kern theodolite, Model DKM-2AE Ser. No. 145997, having automatic vertical indexing and microscopic angle reading capabilities enabling the instrumentman to read angles, either horizontal or vertical, to 1 sec. of arc. This instrument was used in conjunction with electronic distance-measuring equipment, i.e., a Hewlett Packard Model 3800 Distance Meter, Ser. No. 0987 A 00472, having a range of 10,000 feet and an absolute accuracy of 0.01 feet plus the distance measured divided by 100,000 when operated in normal temperature ranges.

All bearings in this record were determined by the method of deflection angles referred to the meridian determined by the following solar observation:

January 29, 1981, at Cor. No. 2 of the Rising Sun No. #1 lode, in latitude $33^{\circ}21'39''$ N, and longitude $110^{\circ}51'07''$ W, as determined by scaling from U.S.G.S. quadrangle PINAL PEAK, ARIZONA, scale 1:24000, at elevation 4280, barometric pressure measured at 25.7 inches of mercury, temperature 60° F, 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 angles from a reference point approximately 1500 feet southerly clock-wise to the sun.

Mean time of observation, 105th
meridian standard time = 9:53 a.m.

Declination of sun at mean time
of observation = $17^{\circ} 48' 59''$ S

Mean observed vertical angle
to sun's center = $25^{\circ} 35' 47''$

Mean horizontal angle from reference
point to sun's center, turned clock-
wise and to the right to sun's
center = $315^{\circ} 20' 35''$

True bearing to reference point
= S $0^{\circ} 48' 20''$ W

The lines were measured with either a Lufkin steel tape or with the aforementioned electronic distance meter. The tape was 500 feet in length, graduated every foot for 500 feet, with an added foot on the zero end graduated in tenths and hundredths; the tape was compared with a standard 100.00 foot tape at the time of the beginning of the survey and was found to be correct. The distance meter was compared with a taped course 1200 feet in length which had been previously measured as a base-line with a standard 100.00 foot tape; the distance meter was found to be precise in measuring this course.

FEET	
	<p>All lines and connections of this survey were run by direct methods.</p> <p>The magnetic declination observed at each corner of the survey gave a uniform value of 14° E.</p> <p>Note concerning monumentation: I set iron posts at each corner of each lode claim comprising this survey. Each iron post consists of a 1 in. diam. galvanized water pipe 18 ins. or 24 ins. long. Each post was placed in the ground in a foundation consisting of not less than 1/2 cu. ft. of portland cement concrete mixed at the site. A brass cap was securely fastened into the top of each post, using epoxy materials for permanency, and each cap was marked as described, using 1/8 in. steel dies for lettering and numbering. Alongside every corner monument I caused to have erected a rock mound having a minimum diameter base of two feet and a height of not less than two feet.</p>
	<p>Rising Sun No. #1 Lode</p>
	<p>At Cor. No. 1 of the Rising Sun No. #1 lode, identical with Cor. No. 1 of the Rising Sun No #2 lode of this survey.</p> <p>Set an iron post, 1 1/2 ft. long, 1 in. diam., 11 ins. into the ground, with brass cap mkd. RS 1-1-4805 and RS 2-1-4805, from which</p> <p style="padding-left: 40px;">The witness cor. for the 1/4 sec. cor. of secs. 7 and 18, T 1 S, R 15 E, G&SRM, bears S 0°36'19" E, 1249.82 ft. dist., monumented with an iron post 2 ins. diam., mkd. W C and as otherwise described in the official record.</p> <p style="padding-left: 40px;">Thence N 0°48'20" E.</p>
264.99	Intersect line 3-4 of the Rising Sun 9 lode of this survey.
722.	Center of local drainage, 3 ft. wide, course N 60° E.
1,493.44	<p>Cor. No. 2, identical with Cor. No. 2 of the Rising Sun No #2 lode of this survey.</p> <p>Set an iron post, 2 ft. long, 1 in. diam., 12 ins. into the ground, with brass cap mkd. RS 1-2-4805 and RS 2-2-4805.</p> <p style="padding-left: 40px;">Thence N 89°31'17" W.</p>
300.	Lode line; discovery point bears S 0°48'20" W, 100.0 ft. dist.

FEET	
597.15	<p>Cor. No. 3.</p> <p>Set an iron post, 1 1/2 ft. long, 1 in. diam., 12 ins. into the ground, with brass cap mkd. RS 1-3-4805.</p> <p style="text-align: center;">Thence S 0°48'20" W.</p>
1,228.45	Intersect line 3-4 of the Rising Sun 9 lode of this survey.
1,493.44	<p>Cor. No. 4.</p> <p>Set an iron post, 1 1/2 ft. long, 1 in. diam., 15 ins. into the ground, with brass cap mkd. RS 1-4-4805.</p> <p style="text-align: center;">Thence S 89°31'17" E.</p>
297.15	Lode line; discovery point bears N 0°48'20" E, 1,393.44 ft. dist.
597.15	Cor. No. 1, and place of beginning.
Rising Sun No #2 Lode	
<p>Beginning at Cor. No. 1 of the Rising Sun No #2 lode, identical with Cor. No. 1 of the Rising Sun No. #1 lode of this survey.</p> <p style="text-align: center;">Thence N 0°48'20" E.</p>	
264.99	Intersect line 3-4 of the Rising Sun 9 lode of this survey.
722.	Center of local drainage, 3 ft. wide, course N 60° E.
1,493.44	<p>Cor. No. 2, identical with Cor. No. 2 of the Rising Sun No. #1 lode of this survey.</p> <p style="text-align: center;">Thence S 89°31'17" E.</p>
162.	Center of road, 10 ft. wide, bears N 45° E and S 40° W.
300.	Lode line; discovery point bears S 0°48'20" W, 963.44 ft. dist.
512.	Center of dry wash, 8 ft. wide, course N 50° E.
599.86	<p>Cor. No. 3, identical with Cor. No. 4 of the Rising Sun, No. 5 Extension lode of this survey.</p> <p>Set an iron post, 1 in. diam., 13 ins. into the ground, with brass cap mkd. RS 2-3-4805 and RS 5E-4-4805.</p> <p style="text-align: center;">Thence S 0°48'20" W.</p>
1,228.44	Intersect Cors. Nos. 4 of the Rising Sun 9 and Rising Sun 8 lodes of this survey.

FEET	
1,493.44	<p>Cor. No. 4, identical with Cor. No. 1 of the Rising Sun, No. 5 Extension lode of this survey, established on line 4-1 of the Rising Sun 9 and Rising Sun 8 lodes of this survey.</p> <p>Set an iron post, 1 in. diam., 10 ins. into the ground, with brass cap mkd. RS 2-4-4805 and RS 5E-1-4805.</p> <p>Thence N 89°31'17" W.</p>
211.	Center of local drainage, 3 ft. wide, course N 55° W.
299.86	Lode line; discovery point bears N 0°48'20" E, 530.00 ft. dist.
599.86	Cor. No. 1, and place of beginning.
Rising Sun, No. 5 Extension Lode	
<p>Beginning at Cor. No. 1 of the Rising Sun, No. 5 Extension lode of this survey, identical with Cor. No. 4 of the Rising Sun No #2 lode, on line 4-1 of the Rising Sun 9 and Rising Sun 8 lodes of this survey; from which</p>	
<p>The witness cor. for the 1/4 sec. cor. of secs. 7 and 18, bears S 25°14'02" W, 1,376.05 ft. dist., heretofore described.</p>	
<p>Thence S 89°31'17" E.</p>	
299.76	Lode line; discovery point bears N 0°48'20" E, 550.0 ft. dist.
599.76	<p>Cor. No. 2.</p> <p>Set an iron post, 1 in. diam., 14 ins. into the ground, with brass cap mkd. RS 5E-2-4805.</p>
<p>Thence N 0°48'20" E.</p>	
265.00	Intersect line 3-4 of the Rising Sun 8 lode of this survey.
590.	Center of local drainage, 4 ft. wide, course N 40° E.
1,493.44	<p>Cor. No. 3.</p> <p>Set an iron post, 1 in. diam., 15 ins. into the ground, with brass cap mkd. RS 5E-3-4805.</p> <p>Thence N 89°31'17" W.</p>
300.	Lode line; discovery point bears S 0°48'20" W, 943.44 ft. dist.

FEET	
599.76	Cor. No. 4, identical with Cor. No. 3 of the Rising Sun No #2 lode of this survey. Thence S 0°48'20" W.
1,228.44	Intersect Cors. Nos. 4 of the Rising Sun 9 and Rising Sun 8 lodes of this survey.
1,493.44	Cor. No. 1, and place of beginning.
<hr/> Rising Sun 8 Lode <hr/>	
	At Cor. No. 1 of the Rising Sun 8 lode, identical with Cor. No. 1 of the Rising Sun 9 lode of this survey. Set an iron post, 1 in. diam., 12 ins. into the ground, with brass cap mkd. RS 8-1-4805 and RS 9-1-4805; from which The witness cor. for the 1/4 sec. cor. of secs. 7 and 18, bears S 32°34'35" W, 1,080.82 ft. dist., heretofore described. Thence S 89°31'17" E.
646.	Center of local drainage, 5 ft. wide, course N 45° E.
1,497.02	Cor. No. 2. Set an iron post, 2 ft. long, 1 in. diam., 11 ins. into the ground, with brass cap mkd. RS 8-2-4805. Thence N 0°48'20" E.
299.	Lode line; discovery point bears N 89°31'17" W, 50.0 ft. dist.
599.00	Cor. No. 3. Set an iron post, 1 1/2 ft. long, 1 in. diam., 10 ins. into the ground, with brass cap mkd. RS 8-3-4805. Thence N 89°31'17" W.
484.	Center of local drainage, 6 ft. wide, course N 10° E.
897.25	Intersect line 2-3 of the Rising Sun, No. 5 Extension lode of this survey.
1,245.	Center of local drainage, 3 ft. wide, course N 10° E.
1,497.01	Cor. No. 4, identical with Cor. No. 4 of the Rising Sun 9 lode, on line 4-1 of the Rising Sun, No. 5 Extension lode and on line 3-4 of the Rising Sun No #2 lode of this survey.

FEET	
	<p>Set an iron post, 1 1/2 ft. long, 1 in. diam., 10 ins. into the ground, with brass cap mkd. RS 8-4-4805, and RS 9-4-4805.</p> <p>Thence S 0°48'20" W.</p>
265.00	<p>Intersect Cor. No. 1 of the Rising Sun, No. 5 Extension lode and Cor. No. 4 of the Rising Sun No #2 lode, on line 4-1 Rising Sun No. 9 lode of this survey.</p>
300.0	<p>Lode line; discovery point bears S 89°31'17" E, 1,447.02 ft. dist.</p>
599.00	<p>Cor. No. 1, and place of beginning.</p>
<hr/> <p>Rising Sun 9 Lode</p> <hr/>	
	<p>Beginning at Cor. No. 1 of the Rising Sun 9 lode, identical with Cor. No. 1 of the Rising Sun 8 lode of this survey.</p> <p>Thence N 89°31'19" W.</p>
1,493.82	<p>Cor. No. 2.</p> <p>Set an iron post, 2 ft. long, 13 ins. into the ground, with brass cap mkd. RS 9-2-4805.</p> <p>Thence N 0°48'20" E.</p>
299.	<p>Lode line; discovery point bears S 89°31'19" E, 50.0 ft. dist.</p>
599.00	<p>Cor. No. 3.</p> <p>Set an iron post, 1 1/2 ft. long, 11 ins. into the ground, with brass cap mkd. RS 9-3-4805.</p> <p>Thence S 89°31'19" E.</p>
296.81	<p>Intersect line 3-4 of the Rising Sun No. #1 lode of this survey.</p>
893.96	<p>Intersect line 1-2 of the Rising Sun No. #1 and Rising Sun No #2 lodes of this survey.</p>
938.	<p>Center of local drainage, 4 ft. wide, course North.</p>
1,430.	<p>Center of local drainage, 3 ft. wide, course N 25° W.</p>
1,493.82	<p>Cor. No. 4, identical with Cor. No. 4 of the Rising Sun 8 lode, on line 3-4 of the Rising Sun No #2 lode and on line 4-1 of the Rising Sun, No. 5 Extension lode of this survey.</p> <p>Thence S 0°48'20" W.</p>

<p>FEET 265.00</p>	<p>Intersect Cor. No. 1 of the Rising Sun, No. 5 Extension lode and Cor. No. 4 of the Rising Sun No #2 lode, on line 4-1 of the Rising Sun 8 lode of this survey.</p>
<p>300.00</p>	<p>Lode line; discovery point bears N 89°31'19" W, 1,443.82 ft. dist.</p>
<p>599.00</p>	<p>Cor. No. 1, and place of beginning.</p>
<p>Mineral Survey No. 4805</p>	
<p>AREAS</p>	
	<p>Acres</p>
	<p>Total area, Rising Sun No. #1 lode 20.473</p>
	<p>Total area, Rising Sun No #2 lode 20.566</p>
	<p>Total area, Rising Sun, No. 5 Extension lode 20.562</p>
	<p>Total area, Rising Sun 8 lode 20.585</p>
	<p>Area in conflict with -- Rising Sun, No. 5 Extension lode 3.649</p>
	<p>Total area Rising Sun 9 lode 20.541</p>
	<p>Area in conflict with -- Rising Sun No. #1 lode 3.633 Rising Sun No #2 lode 3.649</p>
<p>LOCATION</p>	
<p>This survey is located in all four quarters of surveyed Sec. 7, T 1 S, R 15 E, Gila and Salt River Meridian, Gila County, Arizona.</p>	
<p>The survey of the five lode claims comprising this group is identical with the respective locations as marked on the ground, or wholly within such locations.</p>	
<p>EXPENDITURES</p>	
<p>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 its grantors are as follows:</p>	
<p>No. 1</p>	<p>The discovery point of the Rising Sun No. #1 lode is on the lode line, 100 ft. from a point on line 2-3, 300 ft. from Cor. No. 2. Value, none.</p>
<p>No. 2</p>	<p>A hammer drill hole, known as DH-3, bears N 8°21' W, 718 ft. from Cor. No. 1 of the Rising Sun No. #1 lode; 4 ins. diam., 70 ft. depth. Value, \$1,680.</p>
<p>No. 3</p>	<p>A hammer drill hole, known as DH-4, bears N 8°06' W, 716 ft. from Cor. No. 1 of the Rising Sun No. #1 lode; 4 ins. diam., 53 ft. depth. Value, \$1,272.</p>

FEET	
No. 4	A hammer drill hole, known as DH-1, bears S 11°20' W, 557 ft. from Cor. No. 2 of the Rising Sun No. #1 lode; 4 ins. diam., 67 ft. depth. Value, \$1,608.
No. 5	A hammer drill hole, known as DH-2, bears S 10°00' W, 743 ft. from Cor. No. 2 of the Rising Sun No. #1 lode; 4 ins. diam., 61 ft. depth. Value, \$1,464.
No. 1	The discovery point of the Rising Sun No #2 lode is on the lode line, 530 ft. from a point on line 4-1, 299.86 ft. from Cor. No. 4. Value, none.
No. 2	A hammer drill hole, known as DH-5, bears N 6°00' E, 708 ft. from Cor. No. 1 of the Rising Sun No #2 lode; 4 ins. diam., 64 ft. depth. Value, \$1,536.
No. 3	A hammer drill hole, known as DH-6, bears N 12°45' E, 753 ft. from Cor. No. 1 of the Rising Sun No #2 lode; 4 ins. diam., 64 ft. depth. Value, \$1,536.
No. 4	A hammer drill hole, known as DH-7, bears N 24°10' E, 679 ft. from Cor. No. 1 of the Rising Sun No #2 lode; 4 ins. diam., 59 ft. depth. Value, \$1,416.
No. 5	A hammer drill hole, known as DH-8, bears N 24°46' E, 678 ft. from Cor. No. 1 of the Rising Sun No #2 lode; 4 ins. diam., 66 ft. depth. Value, \$1,584.
No. 6	A hammer drill hole, known as DH-9, bears N 33°25' W, 528 ft. from Cor. No. 4 of the Rising Sun No #2 lode; 4 ins. diam., 62 ft. depth. Value, \$1,488.
No. 7	A hammer drill hole, known as DH-10, bears N 21°30' W, 718 ft. from Cor. No. 4 of the Rising Sun No #2 lode; 4 ins. diam., 70 ft. depth. Value, \$1,680.
No. 8	A hammer drill hole, known as DH-11, bears N 20°50' W, 721 ft. from Cor. No. 4 of the Rising Sun No #2 lode; 4 ins. diam., 79 ft. depth. Value, \$1,896.
No. 1	The discovery point of the Rising Sun, No. 5 Extension lode is on the lode line, 550 ft. from a point on line 1-2, 299.76 ft. from Cor. No. 1. Value, none.

FEET							
No. 1	<p>The discovery point of the Rising Sun 8 lode is on the lode line, 50 ft. from a point on line 2-3, 299 ft. from Cor. No. 2. Value, none.</p>						
No. 1	<p>The discovery point of the Rising Sun 9 lode is on the lode line, 50 ft. from a point on line 2-3, 299 ft. from Cor. No. 2. Value, none.</p> <p>An interest in a common improvement described as follows:</p> <p>A network of underground passes, drifts and tunnels underlies portions of the Rising Sun No #2 lode and is planned to expand southeasterly into the Rising Sun, No. 5 Extension lode. Two Adit's are as shown on the plat, Adit No. 1 bears S 16°42' E, 735 feet from Cor. No. 2 of the Rising Sun No #2 lode, and Adit No. 2 bears S 18°50' E, 768 feet from Cor. No. 2 of the same lode, have been extensively rebuilt; the cost of timbering, etc., \$24,000. An additional \$6,000 has been spent on contract back-hoe excavation work removing caved cut debris and re-opening trenches in the vicinity for surface-water control and erosion prevention. Value of workings, \$30,000. Value of one-fifth interest, \$6,000.</p> <p>This improvement is in course of construction for the development of the Rising Sun No. #1; Rising Sun No #2; Rising Sun, No. 5 Extension; Rising Sun 8; and Rising Sun 9 lodes of this survey, all of which are contiguous lode claims owned in common with the range of benefit of the above-mentioned workings. Since the expenditure shown above has been executed in such a manner as tends to the development of each lode cited subsequent to its location and to the time since which common ownership have prevailed, an undivided one-fifth interest is therefore credited to each of said lodes.</p>						
FIELD ASSISTANTS							
	<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>Name</u></th> <th style="text-align: left;"><u>Capacity</u></th> </tr> </thead> <tbody> <tr> <td>Evart D. Bunger</td> <td>Instrumentman</td> </tr> <tr> <td>Mark E. Bunney</td> <td>Assistant</td> </tr> </tbody> </table>	<u>Name</u>	<u>Capacity</u>	Evart D. Bunger	Instrumentman	Mark E. Bunney	Assistant
<u>Name</u>	<u>Capacity</u>						
Evart D. Bunger	Instrumentman						
Mark E. Bunney	Assistant						

FEET

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Travis L. Gant	Date April 17, 1981
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I HEREBY CERTIFY That in pursuance of an order received from the Dept. of Interior, U.S. Bureau of Land Management, at Phoenix, Arizona, dated June 12, 1980, I have carefully executed the survey of the claim of Occidental Minerals Corporation known as the (lode, placer, or mill site) * see below situated in Section 7, Township 1 South Range 15 East, Gila & Salt River Meridian, in the State of Arizona.

This survey, designated as number 4805, 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 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) location(s) embraced in the said mining claim by claimant(s) or its 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.

* Rising Sun No. #1, Rising Sun No #2, Rising Sun, No. 5 Extension, Rising Sun 8, and Rising Sun 9 lodes.

Globe, Arizona (Location)	<i>Travis L. Gant</i> (Signature of Mineral Surveyor)
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CERTIFICATE OF APPROVAL

Office Arizona State Office
Location Phoenix, Arizona
Date October 4, 1984

The foregoing field notes of mineral survey number 4805, in Section 7, Range 15 E. Gila & Salt River Meridian, in the State of Arizona, surveyed unsurveyed Township 1 S., executed by Travis L. Gant, Mineral Surveyor, under order dated June 12, 1980, 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.

<i>James P. Kelley</i> (Authorized Signature)	Chief, Cadastral Surveyor of Arizona (Title)
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CERTIFICATE OF TRANSCRIPT

I HEREBY CERTIFY That the foregoing transcript of field notes of the above-described mineral survey number 4805 is a true copy of the original field notes, Chief, Cadastral Surveyor of Arizona

 (Authorized Signature)	Chief, Cadastral Surveyor of Arizona (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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 100-10
1-6-60

SECTION 1. GENERAL INFORMATION

1. Name of the project: _____

2. Location of the project: _____

3. Date of the project: _____

4. Name of the contractor: _____

5. Name of the sponsor: _____

6. Name of the engineer: _____

7. Name of the architect: _____

8. Name of the contractor: _____

9. Name of the sponsor: _____

10. Name of the engineer: _____

11. Name of the architect: _____

12. Name of the contractor: _____

13. Name of the sponsor: _____

14. Name of the engineer: _____

15. Name of the architect: _____

16. Name of the contractor: _____

17. Name of the sponsor: _____

18. Name of the engineer: _____

19. Name of the architect: _____

20. Name of the contractor: _____

21. Name of the sponsor: _____

22. Name of the engineer: _____