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Arizona Geological Survey
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Phoenix, AZ 85007
602-771-1601
http://www.azgs.az.gov
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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 07-16-2009

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: CLAIMS MS 2447

ALTERNATE NAMES:
- COPPER DEPOT
- ANTELOPE
- NEW CENTURY PATENT
- HOOSIER BOY
- IRON KING PATENT
- COPPER KING PATENT

GILA COUNTY MILS NUMBER: 21

LOCATION: TOWNSHIP 3 S RANGE 14 E SECTION 23 QUARTER S2
LATITUDE: N 33DEG 09MIN 11SEC LONGITUDE: W 110DEG 53MIN 00SEC
TOPO MAP NAME: SONORA - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
- COPPER

BIBLIOGRAPHY:
- USGS SONORA QUAD
- BLM MINING DISTRICT SHEET 656
- ADMMR CLAIMS MS 2447 FILE
- SURVEYED CLAIMS EXTEND INTO SEC 24
- USGS IS RENAMING QUAD HOT TAMALE PEAK
- CHANGED COMMOD TO CU WAS U - NJN 7/2005
  SEEMED VERY UNLIKLEY HERE

MILS NO.	R E F	NO.	AKA	MINE NAME	TOWN	RANGE	SEC	QTR	TOPOGRAPHIC MAP NAME	COMMODITY 1	2	3	4	5	6	7
224B				LITTLE MC GEN NO 97	3 N	16 E	33	SW								
224B	F	3		OLD OWEN MCMILLAN PROPERTY	3 N	16 E	33	SW	CHROME BUTTE - 7.5 MIN	AG	PB	CU				
224B				STONEWALL JACKSON GEN NO 95	3 N	16 E	33	SW								
225	M	0		GRAVEL PIT 5	3 N	17 E	7	S2	SEVENMILE MTS - 7.5 MIN	SAG						
226	P	0		ASBESTOS DEPOSIT 23	3 N	19 E	35	SE3	SONTAG CREEK - 7.5 MIN	ASB						
21				ANTELOPE	3 S	14 E	23	S2								
21	Z	6		CLAIMS MS 2447	3 S	14 E	23	S2	SONORA - 7.5 MIN	U						
21				COPPER DEPOT	3 S	14 E	23	S2								
21				COPPER KING PATENT	3 S	14 E	23	S2								
21				HOOSIER BOY	3 S	14 E	23	S2								
21				IRON KING PATENT	3 S	14 E	23	S2								
21				NEW CENTURY PATENT	3 S	14 E	23	S2								
22C	P	1		DRIPPING SPRINGS MINING CO.	3 S	14 E	25	NE	EL CAPITAN MTN - 7.5 MIN	CU	AU					
22C				GOLD QUEEN	3 S	14 E	25	NE								
22A	Z	0		K GROUP	3 S	14 E	25	NW	SONORA - 7.5 MIN	AU	AG	CU				
22B				PINAL DEVELOPMENT CO CLAIMS	3 S	14 E	25	NW								
22B	F	2		RENFRO GROUP	3 S	14 E	25	NW	SONORA - 7.5 MIN	CU	AU	AG				
22B				ROMAN EAGLE SHAFT	3 S	14 E	25	NW								
48				DESERT QUEEN	3 S	15 E	2	W2								
48				FRAN	3 S	15 E	2	W2								
48				INTERSTATE	3 S	15 E	2	W2								
48				PEANUTS	3 S	15 E	2	W2								
48	F	5		SKY DEPOSIT	3 S	15 E	2	W2	EL CAPITAN MTN - 7.5 MIN	U						
48				ZORA	3 S	15 E	2	W2								
24A				OVERSIGHT EXTENSION CLAIM	3 S	15 E	3	NW								
24A	F	2		SILVER DIME MINE	3 S	15 E	3	NW	EL CAPITAN MTN - 7.5 MIN	BA	AG	PB	CU			
24A				V-9 GROUP	3 S	15 E	3	NW								
25C	F	1		EL CAPITAN	3 S	15 E	3	NW	EL CAPITAN MTN - 7.5 MIN	AG	PB	CU				
25C				GOLD DUST CLAIM	3 S	15 E	3	NW								
25	F	1		GRUBSTAKE CLAIMS	3 S	15 E	4	NE	EL CAPITAN MTN - 7.5 MIN	PB	AG	CU	AU	U		
25				JIM WHITAKER CLAIMS	3 S	15 E	4	NE								
26	Z	0		MESCAL MTN. DEPOSIT	3 S	15 E	10	NW	EL CAPITAN MTN - 7.5 MIN	BA						
27	Y	0		HOPE GROUP ONE	3 S	15 E	14	S2	EL CAPITAN MTN - 7.5 MIN	CU	AU	AG				
580	P	0		LIZ LIMESTONE	3 S	15 E	14	W2	EL CAPITAN MTN - 7.5'	CA						
28A	P	0		DRIPPING SPRING PLACERS	3 S	15 E	30	NE	EL CAPITAN MTN - 7.5 MIN	AU						
28B	F	1		COLUMBIA PROPERTY	3 S	15 E	30	NW	EL CAPITAN MTN - 7.5 MIN	CU	AU					
28B				DRIPPING SPRINGS CLAIMS	3 S	15 E	30	NW								
23B	F	0		HOPE (BANNER) GROUP	3 S	15 E	30	SE	EL CAPITAN MTN - 7.5 MIN	CU	AU	AG				
23A				GOLD NUGGET PROPERTY	3 S	15 E	30	SW								
23A				ROUND TOP PROPERTY	3 S	15 E	30	SW								
23A	F	2		TROY CLAIMS	3 S	15 E	30	SW	EL CAPITAN MTN - 7.5 MIN	CU	AU	AG				
30A	F	0		COW BOY	3 S	15 E	31	NE	EL CAPITAN MTN - 7.5 MIN	AU	PB	AG	ZN	CU	V	MCA
30B				FALCON MINING CO PROPERTY	3 S	15 E	31	NW								
30B				OLD JOE LEE	3 S	15 E	31	NW								
30B	F	2		PLOMOSA PROPERTY	3 S	15 E	31	NW	EL CAPITAN MTN - 7.5 MIN	PB	AG	ZN				
31	F	0		BARBAROSSA PLACERS	3 S	15 E	31	SW	HAYDEN - 7.5 MIN	AU						
32				C AND B PROPERTY	3 S	15 E	32	N2								
32				CUTLER AND BYWATER	3 S	15 E	32	N2								
32	F	2		VANADIUM MINE	3 S	15 E	32	N2	EL CAPITAN MTN - 7.5 MIN	V	W					
33	M	0		HAYDEN 2	3 S	15 E	33	SW	HAYDEN - 7.5 MIN	UNK						
561	F	0		DRIPPING SPRG VALLEY CHABAZITE	3 S	15 E	35	N2	EL CAPITAN MTN - 7.5 MIN	ZEO						
543	M	0		MESCAL WARM SPRING THREE	3 S	16 E	24	S2	MESCAL WARM SPRINGS - 7.5 MIN	UNK						
34				COPPERKING MS 3716	3 S	17 E	9	NW								

DEPOSIT NAME: CLAIMS M S 2447 SEQUENCE NUMBER: 0040070242

>>>> BIBLIOGRAPHY - CONTINUED <<<<

>>>> MILS - DATA SET <<<<
(MINERAL INDUSTRY LOCATION)

STATE: ARIZONA
COUNTY: GILA
TYPE OF OPERATION: UNDERGROUND
CURRENT STATUS: PAST PRODUCER
LATITUDE: N 33DEG 09MIN 11SEC
LONGITUDE: W 110DEG 53MIN 00SEC
UTM - ZONE: 12
HEMISPHERE: NORTHERN
NORTHING: 3668069
EASTING: 510879
POINT OF REFERENCE: ORE BODY
PRECISION: 100 METERS
ELEVATION: 1097 METERS
PRECISION: 100 METERS
EVALUATOR: ADMR

MINE MAP REPOSITORY:
QUADRANGLE: MESA
RIVER BASIN NAME:
GILA RIVER
RIVER BASIN CODE: 60P
HYDROLOGIC UNIT CODE:
DATUM OF ELEVATION: SEA LEVEL
MAP NAME: SONORA
SCALE: 7.5 MIN
DOMAIN: MIXED
TYPE OF MINERAL HOLDINGS:

TYPE OF EVALUATION: M

TYPE OF PLANT:
PLANT IDENTIFIER:
YEAR FIELD CHECKED:
YEAR OF INFORMATION ENTRY: 1981
MAINTAINING FIELD CENTER:
INTERMOUNTAIN
MINERAL PROPERTY FILE:
CORE LIBRARY:
MINES IDENTIFICATION:
GEOLOGICAL SURVEY CRIB:
LAST MILS MODIFICATION:
SEP 01, 1981
LAST DEPOSIT MODIFICATION:
SEP 01, 1981

--PUBLIC LAND SURVEY--
PRINCIPAL MERIDIAN:
GILA & SALT R
TOWNSHIP: 003 S
RANGE: 014 E
SECTION: 23
SECTION SUBDIVISION:
S1/2, ,
SURVEY STATUS: SURVEY

>>>> COMMODITY - DATA SET <<<<

RECORD NO.	COMMODITY	MODIFIER	MARKETABILITY	STANDARD INDUSTRIAL CODE	DATE OF LAST MODIFICATION
01	URANIUM	U3O8 CONTENT	PRIMARY		SEP 01, 1981

>>>> NAMES(ALTERNATE) - DATA SET <<<<

COPPER DEPOT
ANTELOPE
NEW CENTURY PATENT
HOOSIER BOY
IRON KING PATENT
COPPER KING PATENT

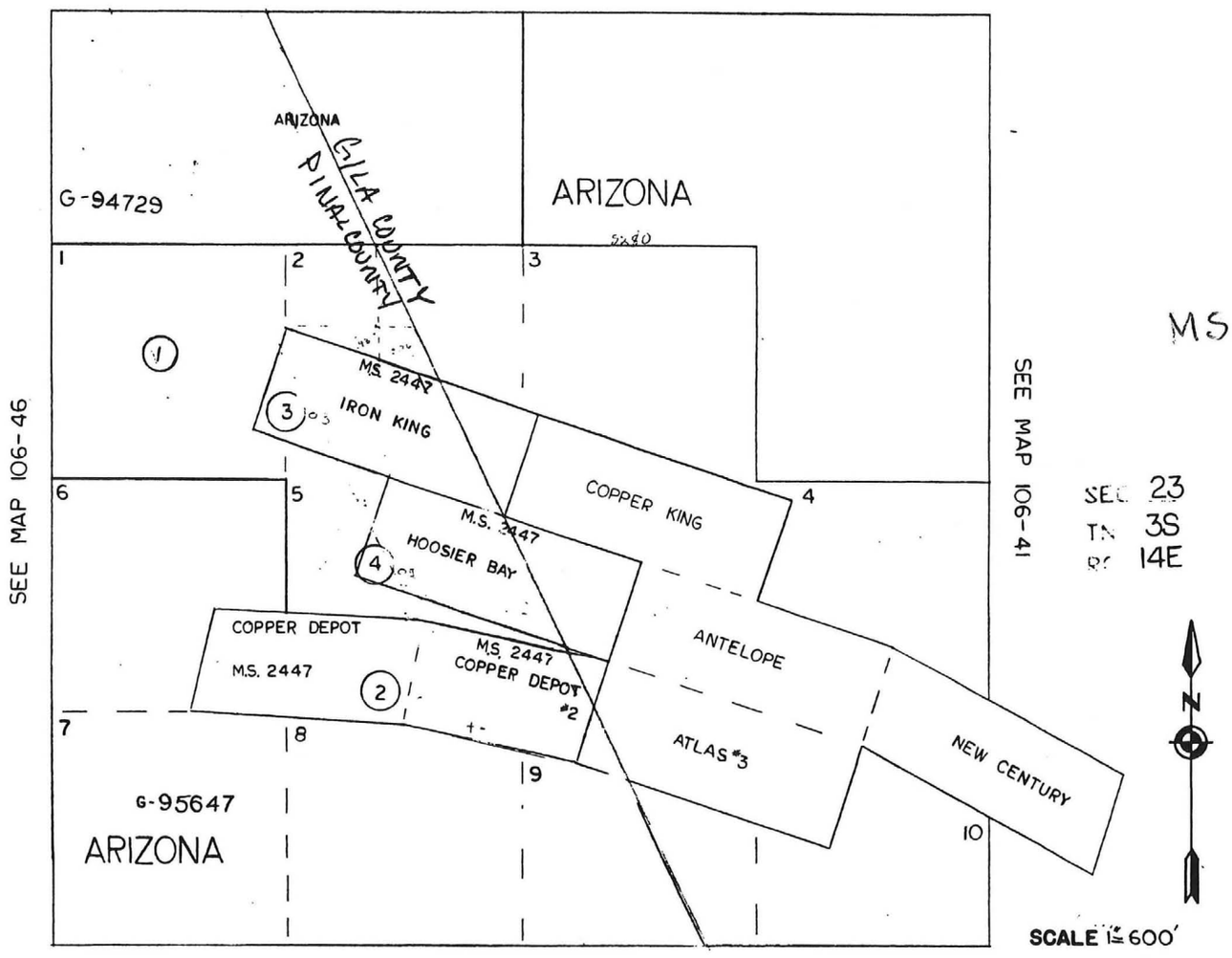
>>>> BIBLIOGRAPHY - DATA SET <<<<

SET REFERENCE	LINE NO.		
	001	USGS SONORA QUAD	???????
	002	BLM MINING DISTRICT SHEET 656	???????
	003	ADMR INFORMATION	???????

%

106 - 47

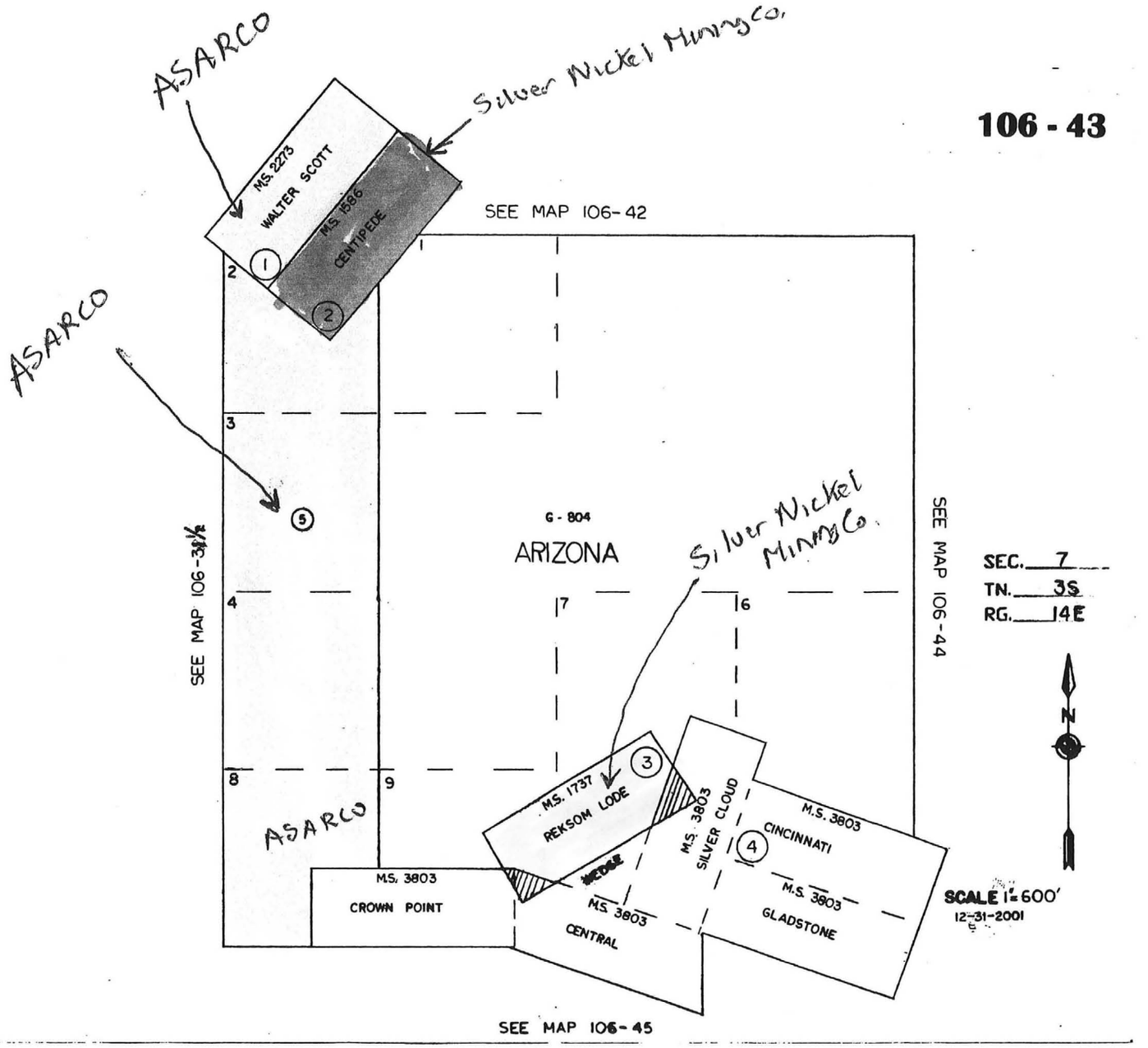
SEE MAP 106-41



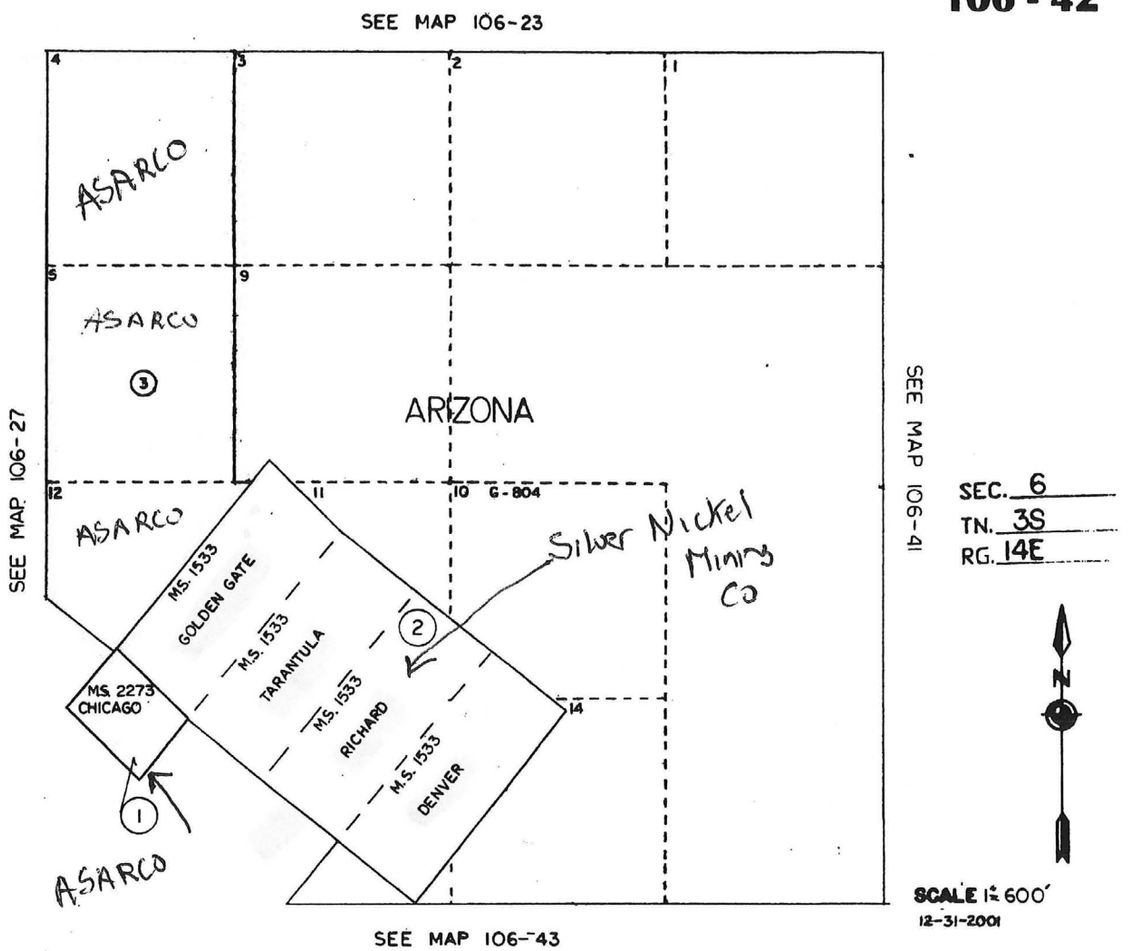
MS 2447

SEC 23
T. 3S
R. 14E

SEE MAP 106-41


ASARCO
Silver Nickel Mining Co.
106 - 43
M.S. 2273
WALTER SCOTT
M.S. 1586
CENTIPEDE
SEE MAP 106-42
ASARCO
SEE MAP 106-34
G - 804
ARIZONA
Silver Nickel Mining Co.
SEE MAP 106-44
SEC. 7
TN. 3S
RG. 14E
M.S. 1737
REKSOM LODE
M.S. 3803
SILVER CLOUD
M.S. 3803
CINCINNATI
WEDGE
M.S. 3803
CROWN POINT
M.S. 3803
CENTRAL
M.S. 3803
GLADSTONE
ASARCO
SCALE 1" = 600'
12-31-2001
SEE MAP 106-45

106 - 42


SEE MAP 106-23
4
3
2
1
ASARCO
5
9
ASARCO
3
ARIZONA
SEE MAP 106-27
SEE MAP 106-41
12
11
10
G-804
ASARCO
Silver Nickel Mining Co
M.S. 1533
GOLDEN GATE
M.S. 1533
TARANTULA
M.S. 1533
RICHARD
M.S. 1533
DENVER
2
M.S. 2273
CHICAGO
14
1
ASARCO
SEC. 6
TN. 3S
RG. 14E
N
SCALE 1" = 600'
12-31-2001
SEE MAP 106-43

Pinal County Assessor

Choose a destination belov

The County Assessor Website

Assessor - Parcel Listing

New Search

Your search on the Sec/Twn/Rng **"07/03S/14E"** returned the following results:

Parcel Number	Owner Name	Mailing City & State	
106-43-00104	ASARCO INC	TUCSON	AZ
106-43-00500	ASARCO INC	TUCSON	AZ
106-43-00302	HAGEN HARRY J & THELMA W	GLOBE	AZ
106-43-00203	MCINTYRE & BAUMAN NEW JERSEY TRUST	ALEXANDRIA	VA

Page Number: 1 **of 1** **Records: 1 to 4** **Total Records:** 4

If you wish to print this page, please set your printer to "LandScape" for best results.

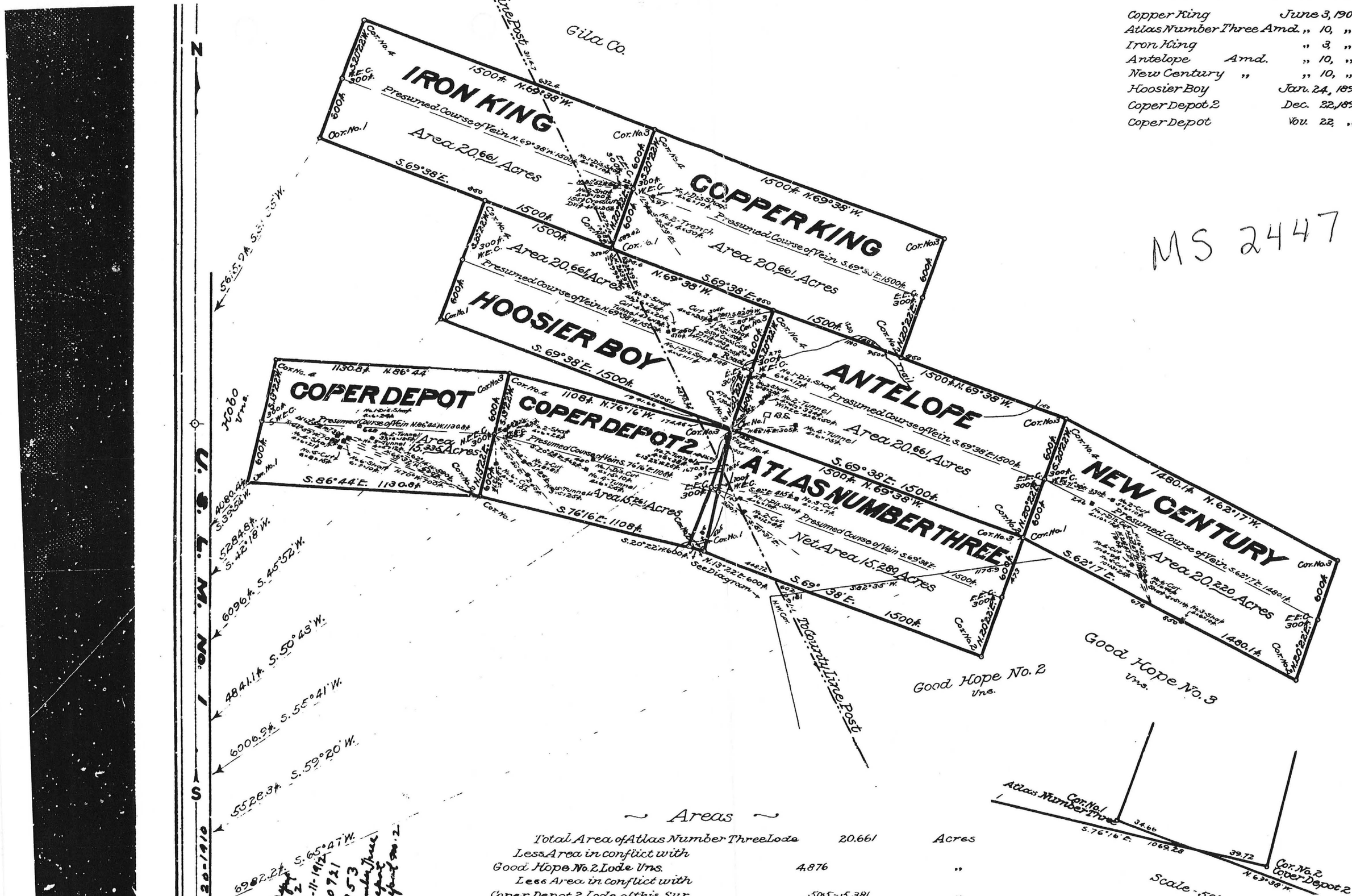
New Search

148,940 4

Claims ~ Located.

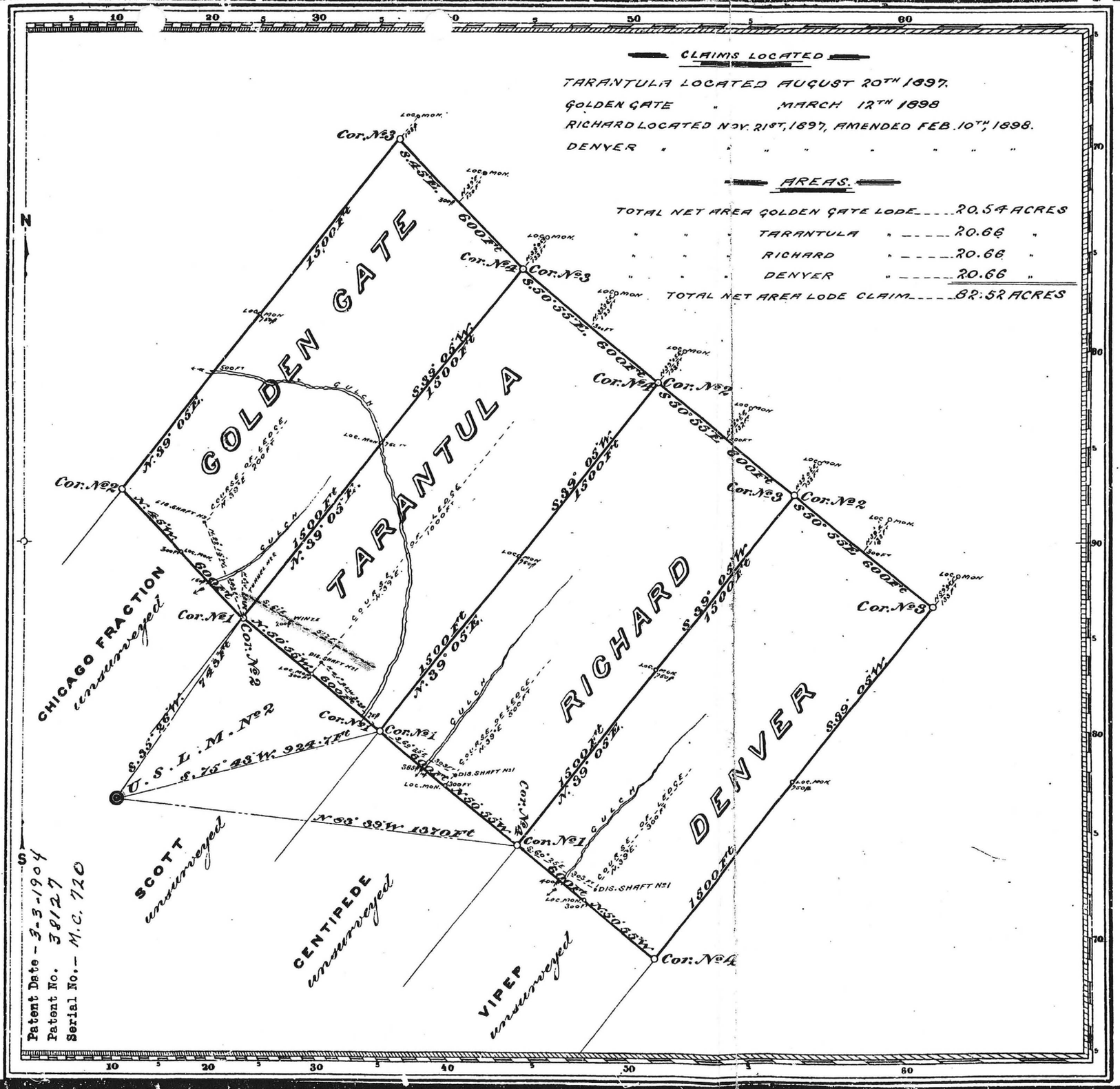
Copper King		June 3, 1907.
Atlas Number Three Amd.		" 10, "
Iron King		" 3, "
Antelope	Amd.	" 10, "
New Century	"	" 10, "
Hoosier Boy		Jan. 24, 1898.
Coper Depot 2		Dec. 22, 1897.
Coper Depot		Vou. 22, "

MS 2447



~ Areas ~

Total Area of Atlas Number Three Lode	20.661	Acres
Less Area in conflict with Good Hope No. 2 Lode Vns.	4.876	"
Less Area in conflict with Coper Depot 2 Lode of this Sur.	.505 ~ 5.381	"
Net Area of Atlas Number Three Lode		



Claim Located 190

Mineral Survey No. 1533

Lot No. Gila Land District.

PLAT

OF THE CLAIM OF

Tarantula Gold Mining Company

KNOWN AS THE

TARANTULA
GOLDEN GATE
RICHARD AND DENVER

IN *Mineral Creek* MINING DISTRICT,
Pinal COUNTY, *Arizona*
Containing an Area of *82·52* Acres.
Scale of *300* Feet to the inch.
Variation *13° 45' E*
SURVEYED *March 28 to 30* 1901 BY
Albert T. Colton,
U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of *Tarantula Gold Mining Company* known as the *TARANTULA GOLDEN GATE RICHARD AND DENVER*

from which this plat has been made under my direction, have been examined and approved, and are on file in this Office; and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

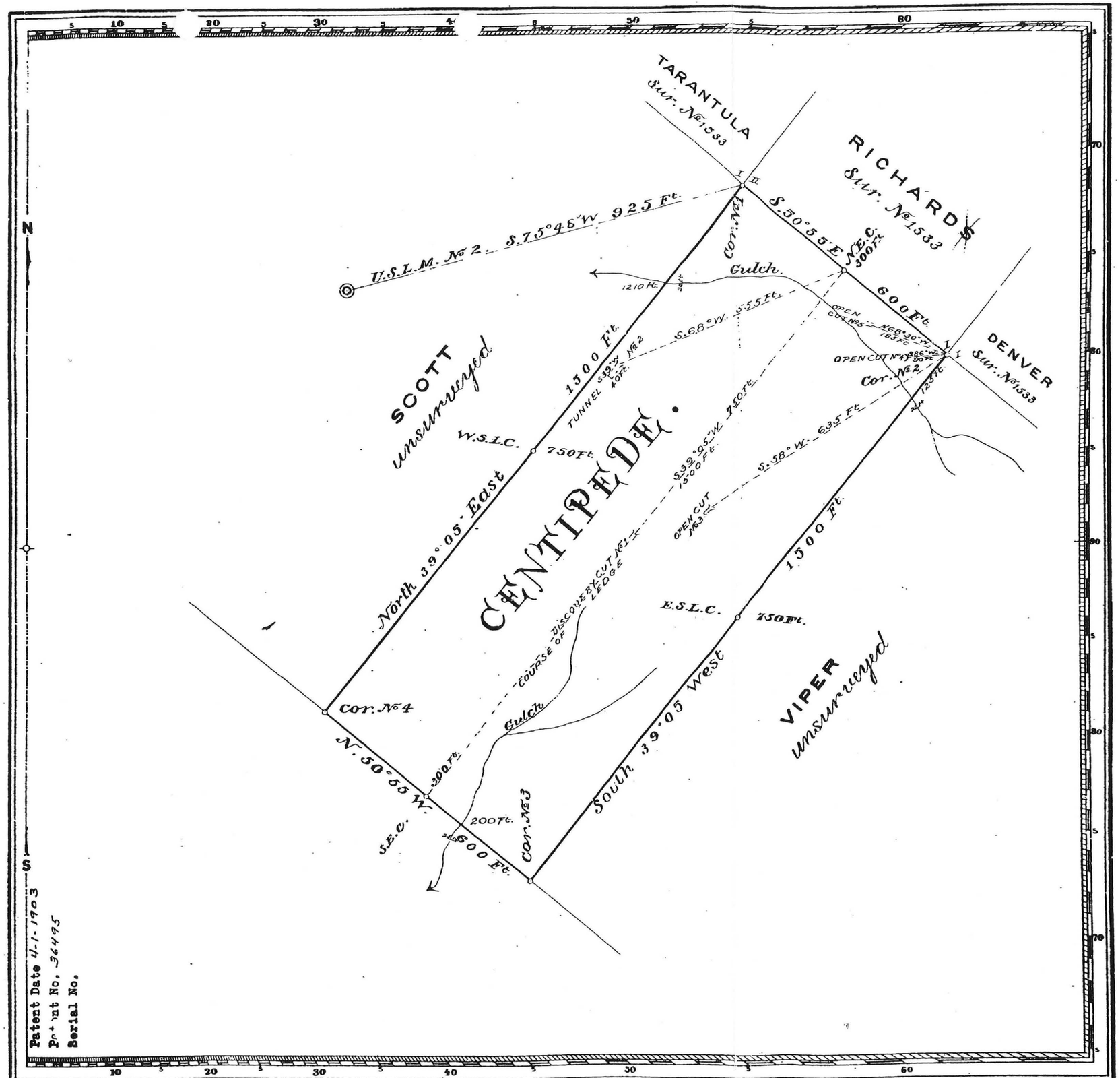
I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claim by claimant or its grantors, and that said improvements consist of *4 shafts, 1 tunnel and 1 winze*

that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office.
Phoenix, Ariz.
Apr. 4th, 1902

Hugh A. Rice
U.S. Surveyor General for
Arizona



Patent Date 4-1-1903
Patent No. 34495
Serial No.

Claim Located December 8th 1896.

Mineral Survey No. 1586

145

Lot No.

Gila Land District.

PLAT

OF THE CLAIM OF

G. A. Whiteford by W. C. Truman Agent

KNOWN AS THE

CENTIPEDE

IN Mineral Creek MINING DISTRICT, Pinal COUNTY, Arizona

Containing an Area of 20.66 Acres.

Scale of 200 Feet to the inch.

Variation 13° 50' E.

SURVEYED July 27th & 28th 1901 BY

Charles von Erxleben,

U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of G. A. Whiteford known as the CENTIPEDE

from which this plat has been made under my direction, have been examined and approved, and are on file in this office; and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claim by claimant or his grantors, and that said improvements consist of

4 cuts and 1 Tunnel

that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

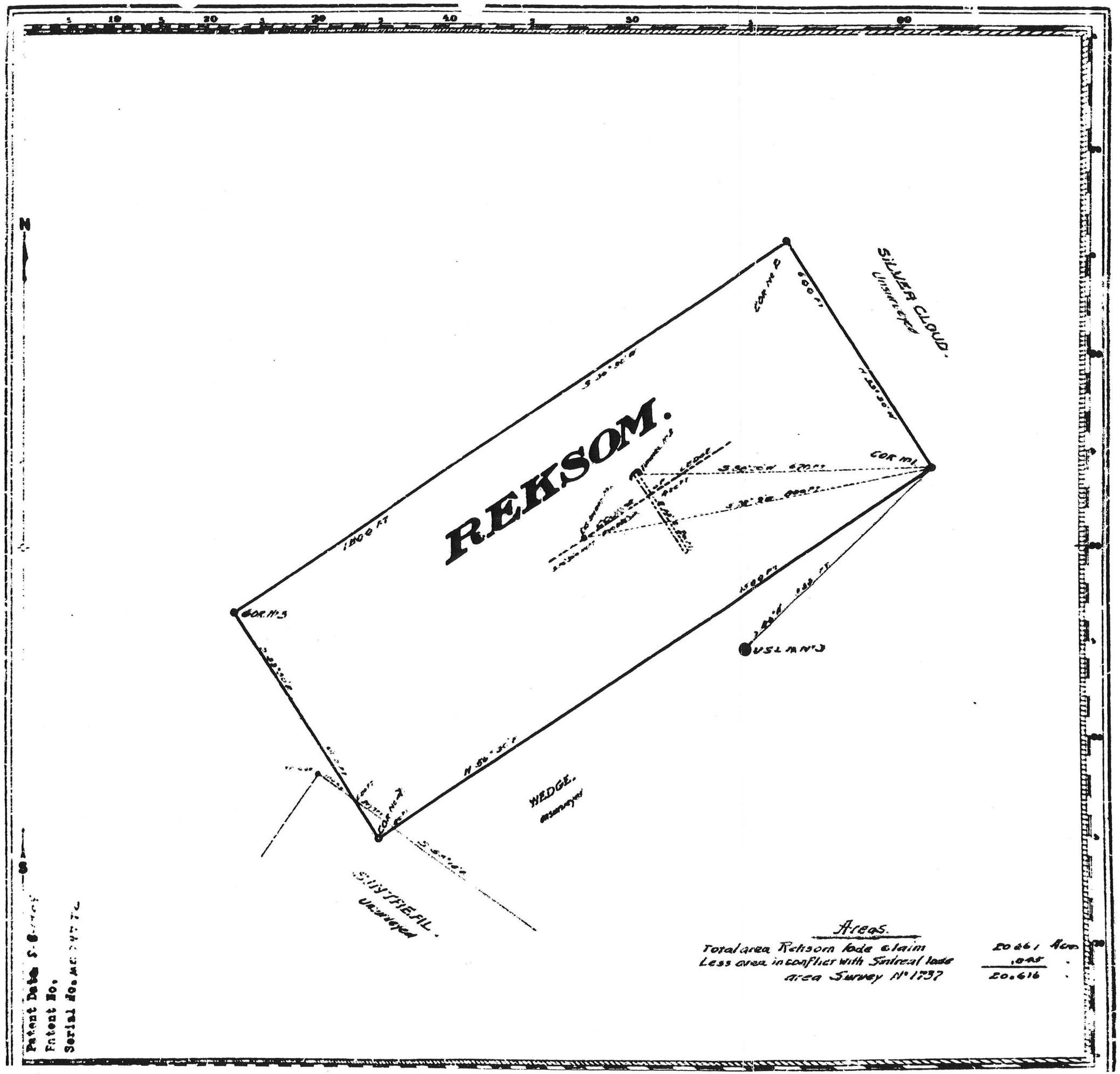
U.S. Surveyor General's Office. Hugh H. Price

Tucson Ariz. U.S. Surveyor General for

October 14th 1901 Arizona

(4-675)

6.164



Areas.

Total area Rekson lode claim	20.661 Acres
Less area in conflict with Sintreal lode area Survey No 1737	.045
	20.616

Claim Located June. 29. 1889. 190

Mineral Survey No. 637

Lot No.

Gila Land District.

PLAT

OF THE CLAIM OF

Arizona Mineral Creek Gold Mining & Milling Company

KNOWN AS THE

REKSOM.

IN MINERAL CREEK MINING DISTRICT,
PINAL COUNTY, ARIZONA.

Containing an area of 20.616 Acres.

Scale of 200 Feet to the inch.

Variation 15° 45' E.

SURVEYED Dec. 10. 1902

Albert T. Colton,

U.S. Deputy Mineral Surveyor.

The Original Field Notes of the Survey of the Mining Claim of Arizona Mineral Creek Gold Mining & Milling Company known as the

REKSOM.

from which this plat has been made under my direction have been examined and approved, and are on file in this Office; and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such references as made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claim by claimant or his grantors, and that said improvements consist of: 1 Shaft & 1 Tunnel.

that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office.
Phoenix, Ariz.
June. 30, 1903

Hugh H. Price
U.S. Surveyor General for Arizona.

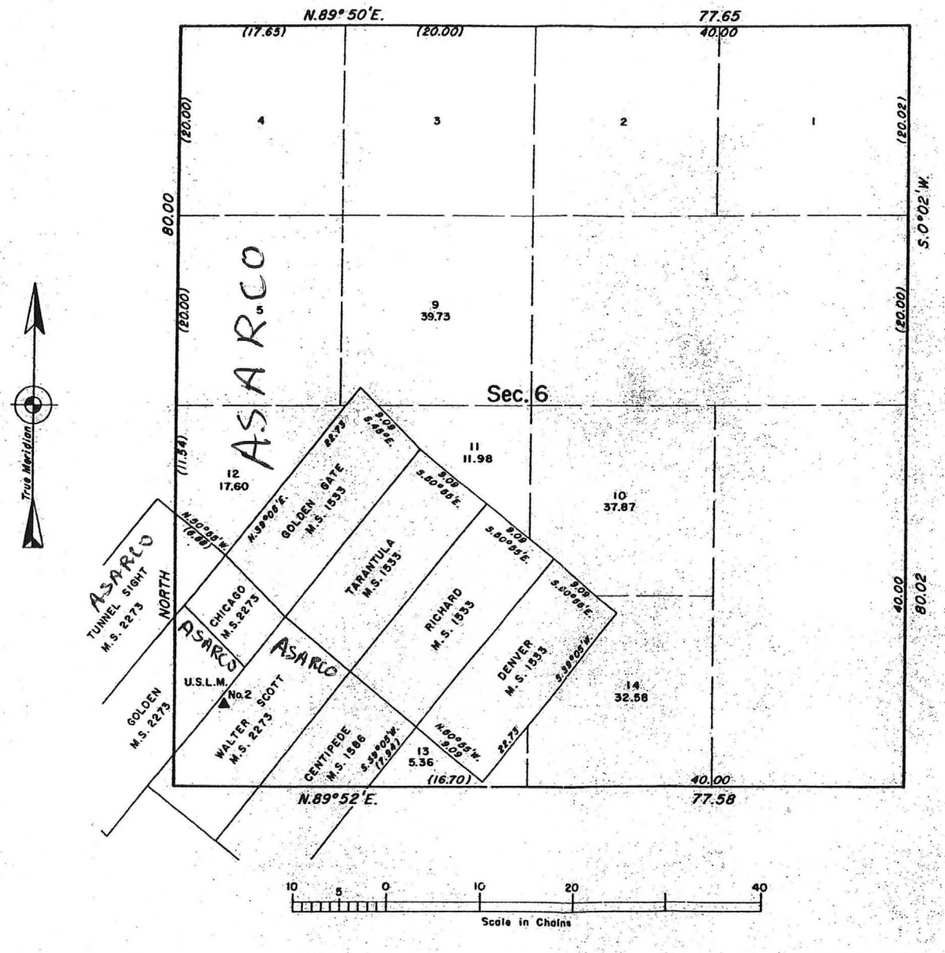
ORIGINAL

1496-A

TOWNSHIP 3 SOUTH, RANGE 14 EAST, OF THE GILA AND SALT RIVER MERIDIAN, ARIZONA

SUPPLEMENTAL PLAT OF SECTION 6

OFFICIALLY FILED 12-7-1967



This plat, showing lottings created by the segregation of Mineral Survey No. 1533, is based upon the plat approved February 7, 1921, and the record of the approved mineral surveys.

MS 1533 Silver Nickel
MS 1586 Mining Co.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Washington, D. C. November 1, 1967

This plat, showing amended lottings, is based upon the official records, and having been correctly prepared in accordance with the regulations, is hereby accepted.

For the Director

R.E. Brown

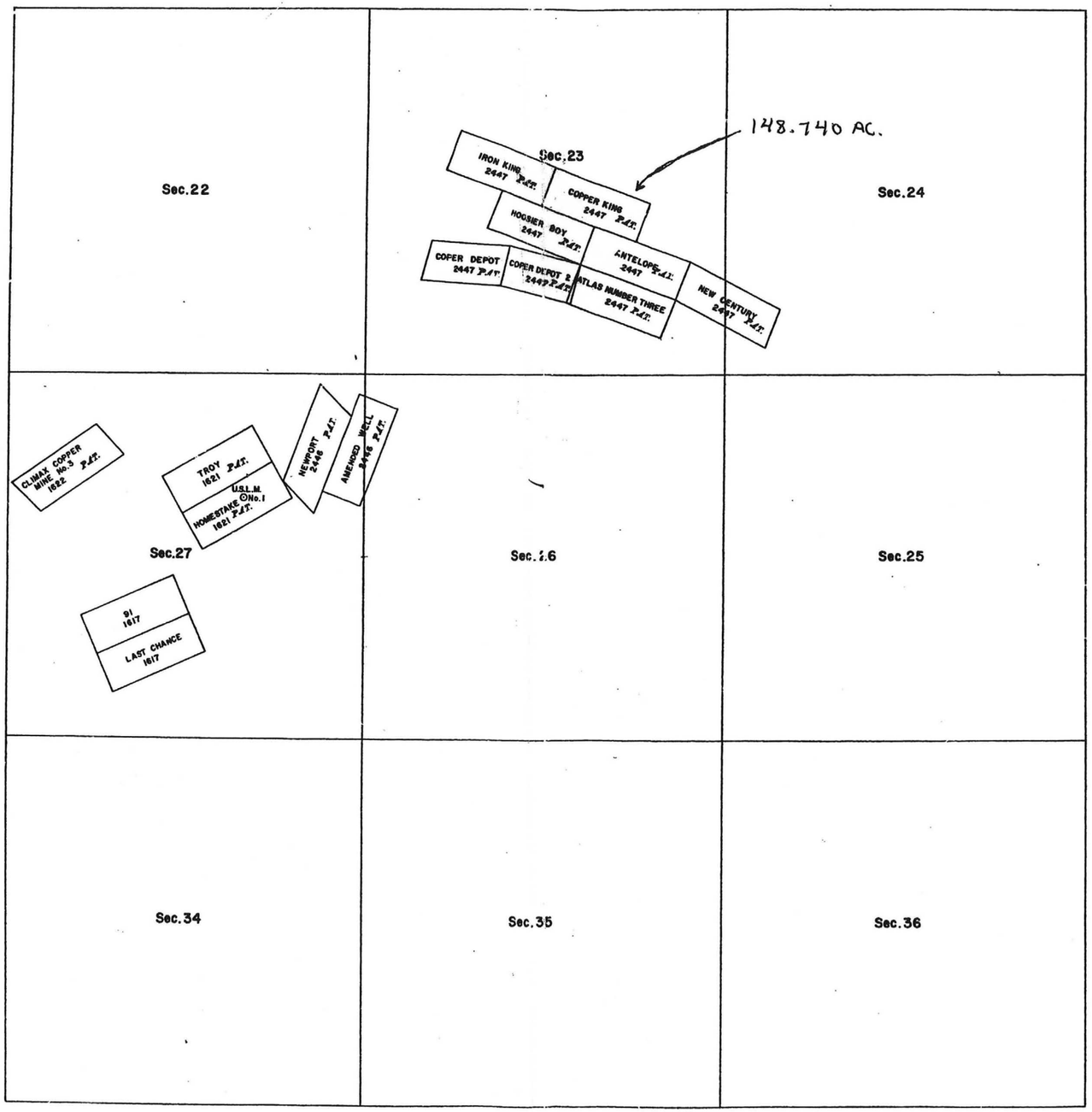
Acting Chief, Division of Engineering

R.L.P.

SE 1/4, T.3S., R.14E.
MINERAL CREEK DIST.
RIVERSIDE DIST.

[redacted]

[redacted]



12/19/05 "to Rico Land Surveying
Unable to locate USLM #2 Jim - 520-281-4223 c Fie
520-281-1292 evenins
520-250-4344 cell

Steve Hanson BLM- Cadestral Engineering

Ralph Costa- BLM Mineral Chief

NW 1/4, T.3S., R.14E.
MINERAL CREEK DIST.

Monitor Mine

USLM #2
33°11'38
110°57'47
1 mile

ASARCO owns MS2273
Jack Gracey Realty Dept

SCOTT MIN. GROUP CLAIMS

82.52 MS1533
20.66 MS1586
103.18 AC.

MS 2273 ASARCO

ASARCO STRIP OF LAND

Sec.6 MS1533 82.52 AC.

Sec.5

Sec.4

STATE Lands

TUNNEL SIGHT 2878 P.AT.
GOLDEN GATE 1935 P.AT.
CHICAGO 2878 P.AT.
TARANTULA 1935 P.AT.
GOLDEN 2878 P.AT.
RICHARD 1935 P.AT.
DENVER 1935
U.S.L.M. No. 2
WALTER SCOTT 2878 P.AT.
CENTIPEDE 1935 P.AT.

MS1586
20.66 AC.

STATE LANDS

RAY MINE
OPEN PIT

ASARCO LAND

Sec.7

Sec.8

Sec.9

TOTAL Acreage
MS1533/1586/1737
103.180AC.
20.616 AC.
123.796 ACS.

20.616 AC.

REKBOW 1737 P.AT.
WEDGE 3803A P.AT.
SILVER CLOUD 3803A P.AT.
CINCINNATI 3803 A P.AT.
GALDSTONE 3803A P.AT.
BUCKEYE 3803A P.AT.
CROWN POINT 3803 A P.AT.
CENTRAL 3803A P.AT.
MESCAL NO. 14 4895
MESCAL NO. 13 4895
MESCAL NO. 10 4895

HALEY 1935 P.AT.

SAN FRANCISCO 3804 P.AT.

Sec.18

Sec.17

Sec.16

We own MS 1533 and 1586

U.S.L.M. No. 2

2 miles east of Mineral Creek

2 miles east from town of Ray

South end of Teapot Mountain bears N. 88°40'W. abun 3 mits

Latitude 33°12'N
Longitude 110° 57'W

Extreme northern point of Scott Mountain, USLM No. 2 is established March 28, 1901 as part of Mineral Survey 1533

Tarantula claim has 517 foot long Tunnel and 45 foot winze

PRELIMINARY GEOLOGIC REPORT ON MINERAL SURVEYS 1533,1737 and 2447, PINAL AND GILA COUNTIES, ARIZONA IN TOWNSHIP 3S, RANGE 14E

BY John Rothermel, President, Silver Nickel Mining Co.
June 16,2005

Mineral Survey No 2447 consists of eight (8) patented mining claims comprising approximately 150 acres located about 26 miles southwest of Globe, Arizona in Pinal and Gila counties. The property lies in the rugged Dripping Spring Mountain Range, which is a product of complex faulting. Rock units include the middle Cambrian Troy Quartzite, Devonian Martin formation, Cretaceous-Tertiary diabase, Mescal Limestone, Dripping Spring Quartzite, Abrigo Formation, and Escabrosa Limestone.

The south half of Section 23 is cut by numerous dikes of rhyolite-dacite porphyry and hornblende andesite porphyry. There are also two small rhyolite-dacite porphyry plugs. One of the plugs covers the area of the water tank and contains copper mineralization. The mineralization is structurally connected with the extensive faulting and fracturing. This area of investigation is an example of a fault mosaic, the faults trend in both NW-SE and NE-SW direction, thus forming an intricate network.

The faults appear normal in nature. Extent of displacement, relative ages and causes of the faulting were not determined. The faulting and dikes with porphyritic textures are probably related to the underlying intrusions.

Two vertical joint patterns were noticed in the field, one striking NW-SE and one NE-SW. Elevations of Section 23 range from a high of approximately 3500 feet to a low of approximately 3,380 feet.

The terrain consists of two high hills, connected by a saddle. The topography slopes downward to the north at a fairly steep angle. Examination of the area suggests that the broken, irregular topography is the product of intricate and unsystematic faulting. Differential erosion of the different rock types is also responsible for slopes, bluffs and rugged outcrops.

Vegetation consists of scattered junipers, saguaro cacti, prickly pears, some oak trees, and scattered range grasses. Several cuts and an open shaft were noted in the area of the saddle. The mineralogical character seems to be quite simple. The ores from the saddle area range from magnetite, hematite to admixed magnetite-hematite to limonite forming incrustations on the former two with copper carbonate staining. The field evidence indicates that the iron and uranium were derived from the diabase. The resource includes several high-grade copper-magnetite-gold skarns. The mineralized zones host magnetite iron. The porphyry plugs are mineralized with copper. The porphyry dikes are from a few feet to more than one hundred feet in thickness. The dip of most of the dikes is rather steep. Large bodies of magnetite are found closely defining the copper zone. I

observed field criteria by which both magmatic segregation and contact metasomatism (replacement) were recognized.

Review of the map of Metallic Mineral Districts of Arizona by Stanley B. Keith, Don E. Guest and Ed DeWitt reveals that the Dripping Springs Laramide intrusive (late Cretaceous to early Tertiary covers this area of investigation. These Laramide igneous intrusions are the host rocks for most of Arizona's copper porphyry deposits. The Copper Depot, Copper Depot 2, Atlas No. Three, Antelope and New Century were originally located for rich copper mineralization. The rhyolite-dacite porphyry and hornblende andesite porphyry rocks being the host rock for the copper mineralization. These dikes traverse the south half of the section in an east to west and northeast to southwest direction. These porphyry dikes are feeders from the Laramide intrusive which under lie the area between this property and the old town of Troy. Field evidence for this are the numerous dikes with porphyritic textures, breccia zones with angular or locally rounded fragments and epidote and chlorite alteration and secondary biotite alteration. Copper ore has been mined from these porphyry dikes. Silver Nickel Mining Co's property consists of eight (8) patented mining lode claims located in Section 23, Township 3 South, Range 14 E (south half).

Phelps Dodge Exploration Corporation has located unpatented mining lode claims in Sections 21,22,23,25,26,27,34,35 called the Troy claims, and to the north on Government Mountain.

General topography of the investigated property lends itself to open pit operations. Average slope of the deposit is 30%. There is an access road into these patented claims which traverses the claims to the saddle on the Hoosier Boy. There is no road access to the southern portion of the section. Access is by foot. The Troy Ranch Road continues in a southwesterly direction to the Troy Ranch.

Geological mapping of these sections is attached to the report. Most of the early production from these claims is unrecorded although I did find a MILS-Data sheet showing that uranium was mined underground from these claims.

Mineral Surveys No. 1533 and 1586 lie approximately 2 miles east of Mineral Creek on the southwest slope of Scott Mountain approximately 1 mile south of the Monitor Mine in the SW1/4 of Section 6. This is another area that displays characteristics of a copper porphyry system. The Monitor Mine is presently under exploration by General Minerals Corporation with an option agreement with Teck Cominco American Inc. Asarco also holds mining claims and property in this area and vicinity. The Ray open pit copper mine lies west of Scott Mountain and is adjacent to our claims. General Minerals Corporation has previously conducted geological, geochemical and geophysical studies on the Monitor Mine property and vicinity.

Silver Nickel Mining Co's property on the west slope of Scott Mountain consists of five (5) patented mining claims. Silver Nickel Mining Co. has acquired the Reksom Lode MS 1737, which is located just west of the Gladstone Mine (Ray Mine) on Haley

Mountain, in Section 7. Asarco owns mining claims and real property in this section. The Reksom Lode is only 2 miles east of the old site of Ray. These patented mining claims, in excess of 270 acres, represent a large block of deeded land situated in copper porphyry exploration targets in the Copper Basin country of southern Arizona. The Copper Basin country is a prime exploration target area for copper porphyry deposits as Laramide intrusives are clustered in this area.

In 2003 Arizona accounted for 67 percent of the US copper production.

The Tarantula group is known as the old Spider Mine and is located adjacent to the Ray pit and adjacent to Asarco's patented claims. These 103 acres have access from the Ray Mine (Reksom Lode MS 1737) by old caterpillar drill roads. The Tarantula Group and Centipede patented claims are located on the copper gossan which extends directly from the open pit ore body. These claims were originally located for their gold content. Diabase alteration may have been a significant component of the supply of copper to the Laramide districts of this area. The central part of southeastern Arizona contains an unusual abundance of diabase. Diabase is abundant on the property and is probably a source of the copper in the Dripping Springs Mountains.

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Addendum to June 16 report

By John Rothermel, President, Silver Nickel Mining Co.

On Jan. 18,2006 I located USLM No 2,along with U.S. Mineral Surveyor Jim LaPussa, on the extreme west part of Scott Mountain. Mineral Survey No 1533 lies west of Scott Mountain, with the land monument being located on the ~~north~~south west spur of Scott Mountain. These patented claims are on a gulch that drains toward the southwest and the Ray open pit. The Ray pit lies west of Mineral Creek while these claims lie about 800' to the east. At the Mineral Creek fault, the area to the west was raised above the area to the east. The formations above the schist eroded away and the Ray ore body was found. It was worked in the Pinal schist and diabase formations. Drilling completed in recent years has shown there to be a similar ore body on the east side, but lower down. A tunnel dug in this area also struck a large spring. These claims represent an excellent exploration target since they lie just east of the Mineral Creek fault. The Monitor Mine property lies just north of these patented claims.

Further, evaluation of Mineral Survey No. 2447 (near the town of Troy) reveals that the porphyry dikes are from a few feet to more than one hundred feet in thickness. The dip of most of the dikes is rather steep. Large bodies of magnetite are found closely defining the copper zone. There are two large copper-carrying plugs exposed on the property.

South of this group lies the Rattler Mine. The ore at the Rattler is magnetite. The surface indications consist of heavy gossans (hematite and limonite). The copper-bearing magnetite would make a good smelting product.

The massive zones of magnetite lie on a diabase footwall and beneath an altered limestone hanging wall. The values below the oxidized zone, consisting of finely divided particles of chalcopyrite and bornite, are very evenly disseminated throughout the entire mass.

In view of the high percentage of iron or magnetite contained in the ore, separation by magnetic attraction will give satisfactory results. In this section the porphyry and diabase are both mineral carriers and mineralizing agents.

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