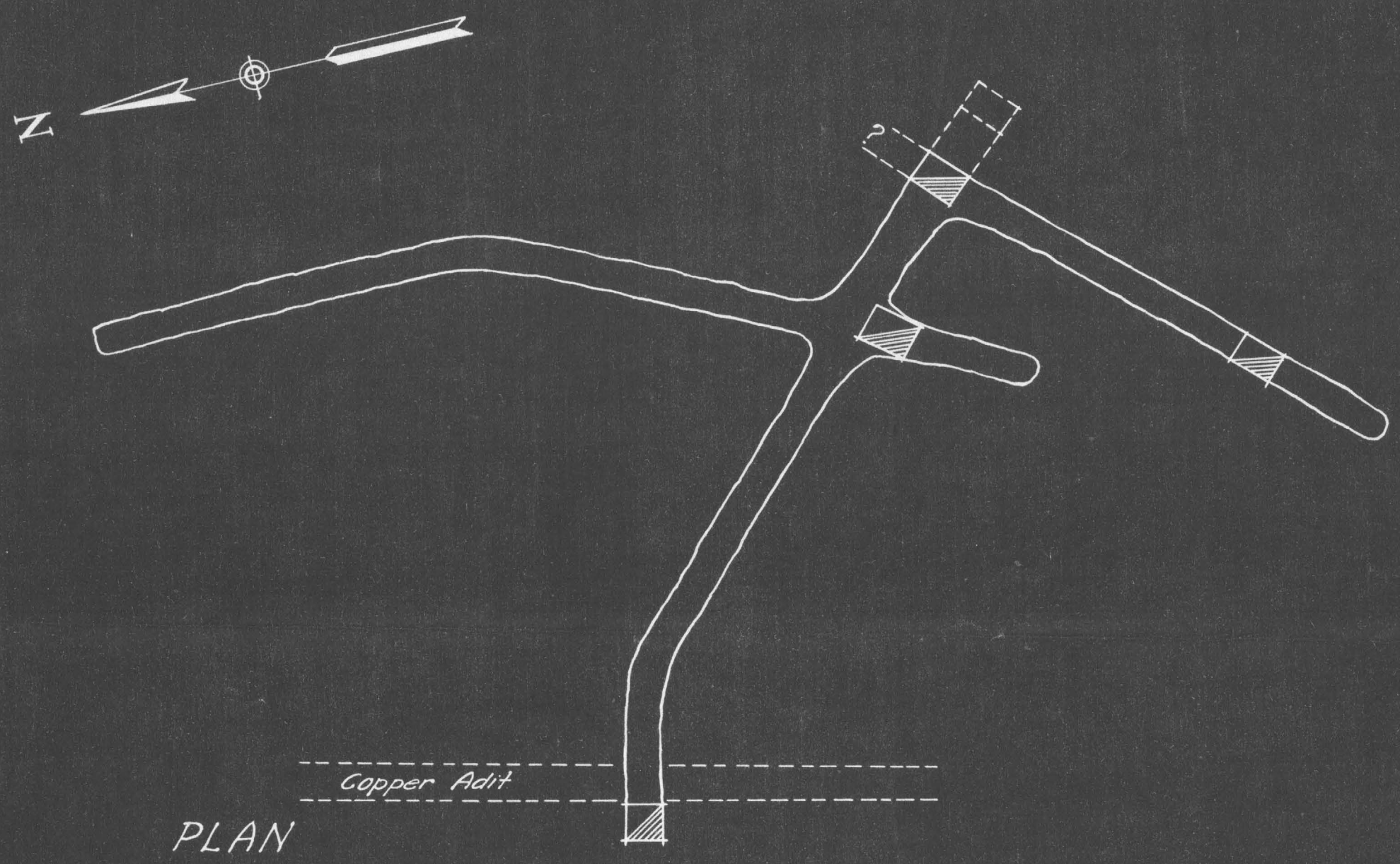
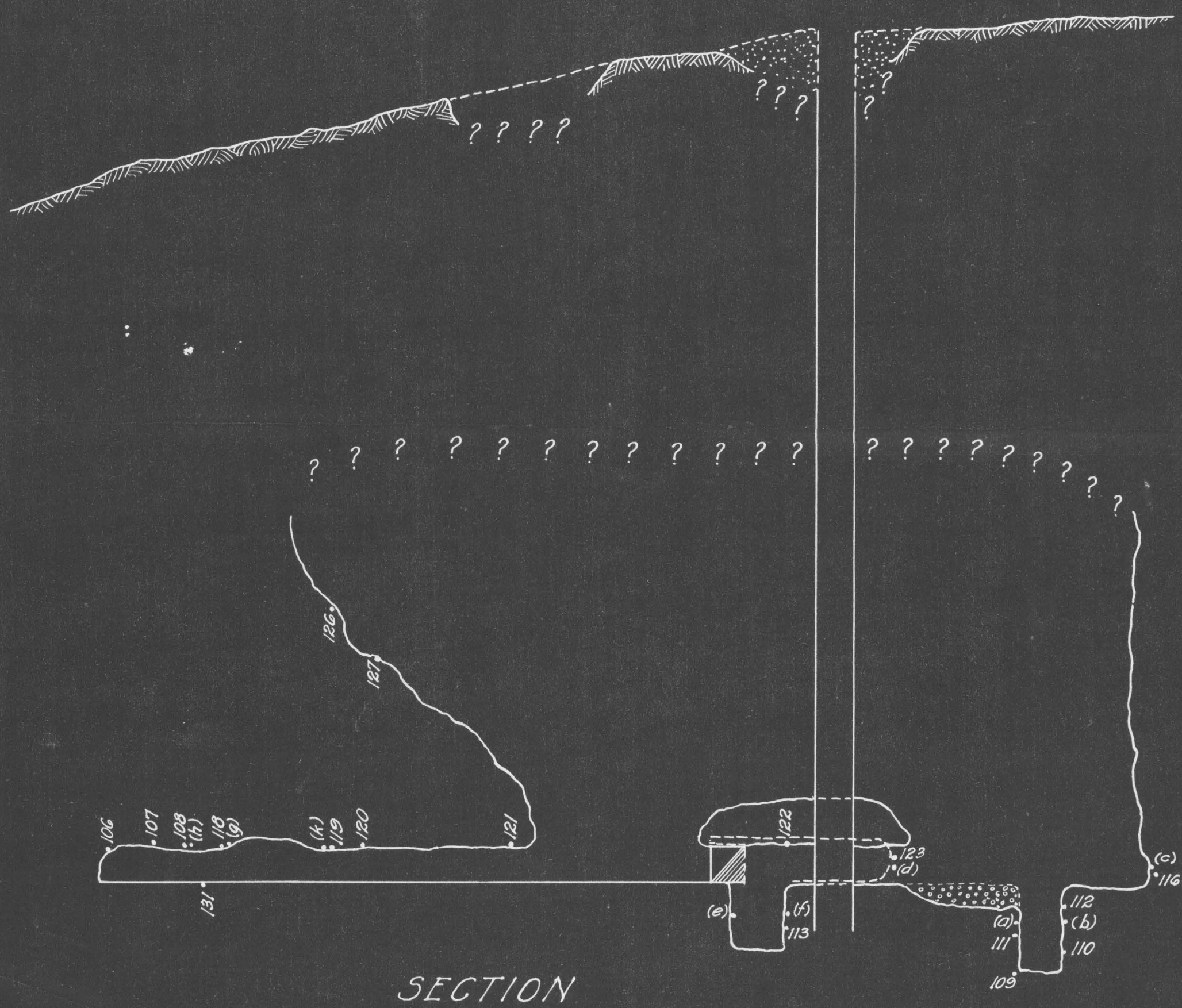
STORM CLOUD GOLD VEIN WORKINGS

SCALE ~20'=1"



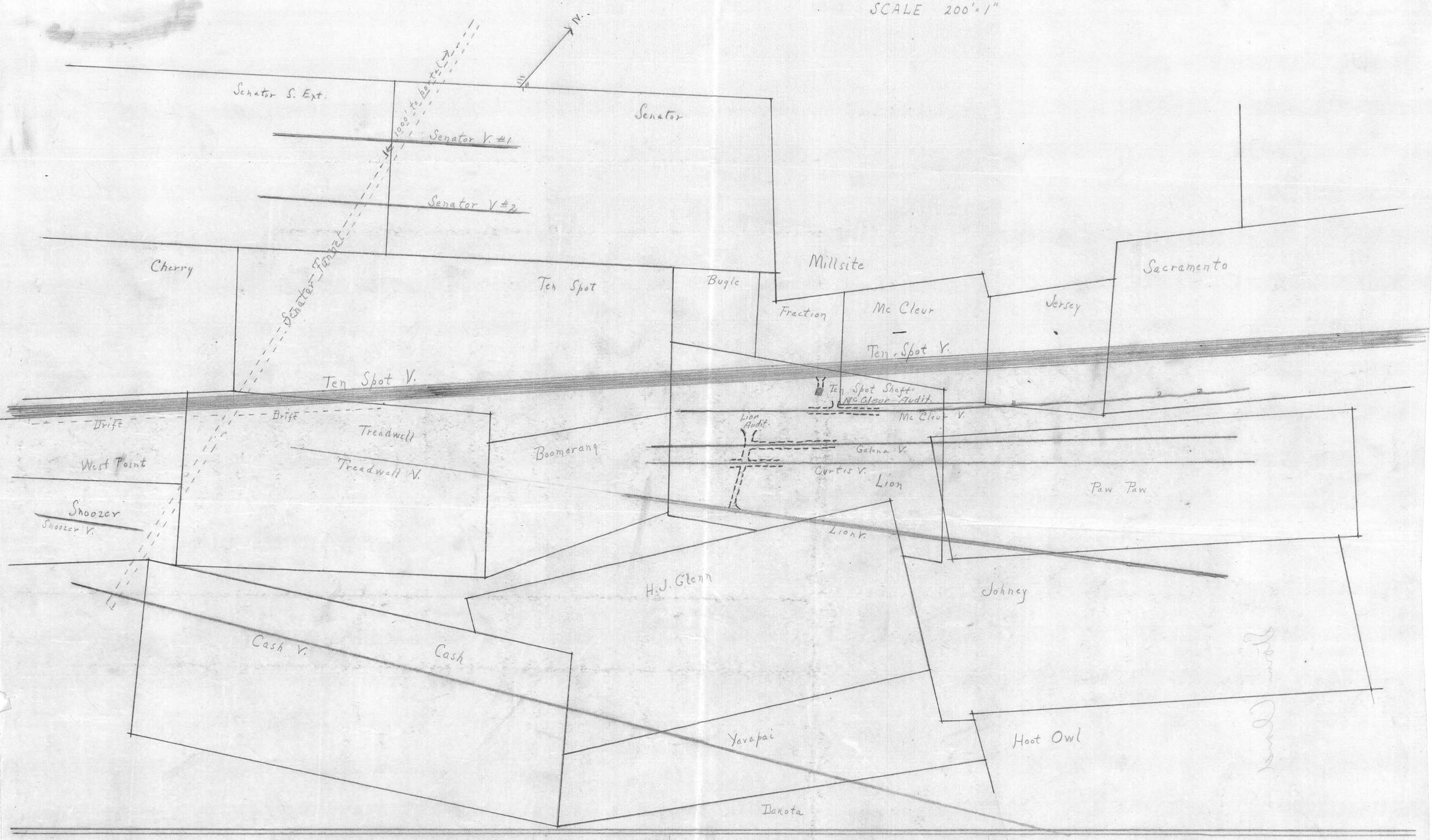
PLAN



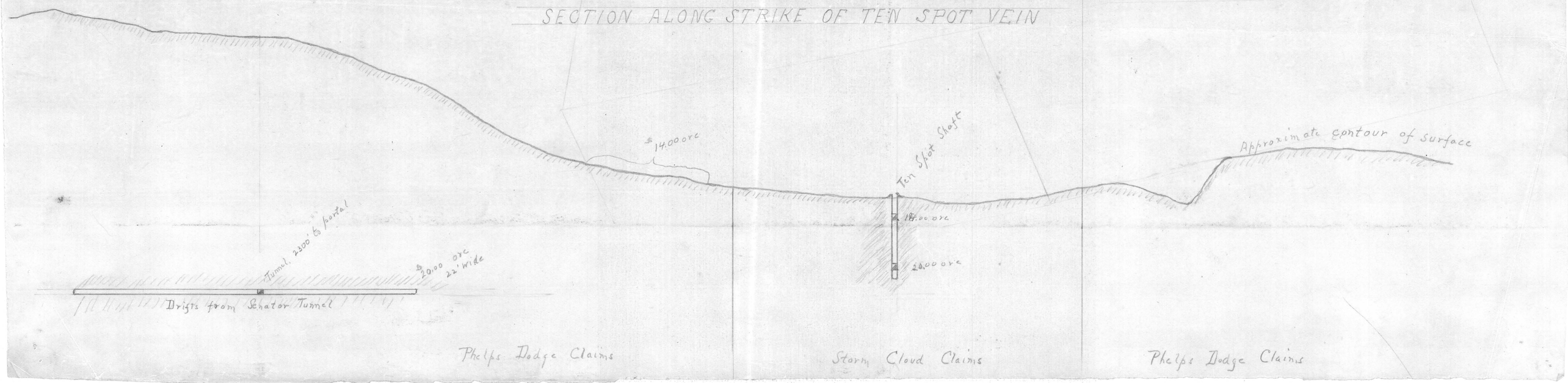
SECTION

PLAN OF TEN SPOT AND ADJACENT VEINS AND MINING CLAIMS

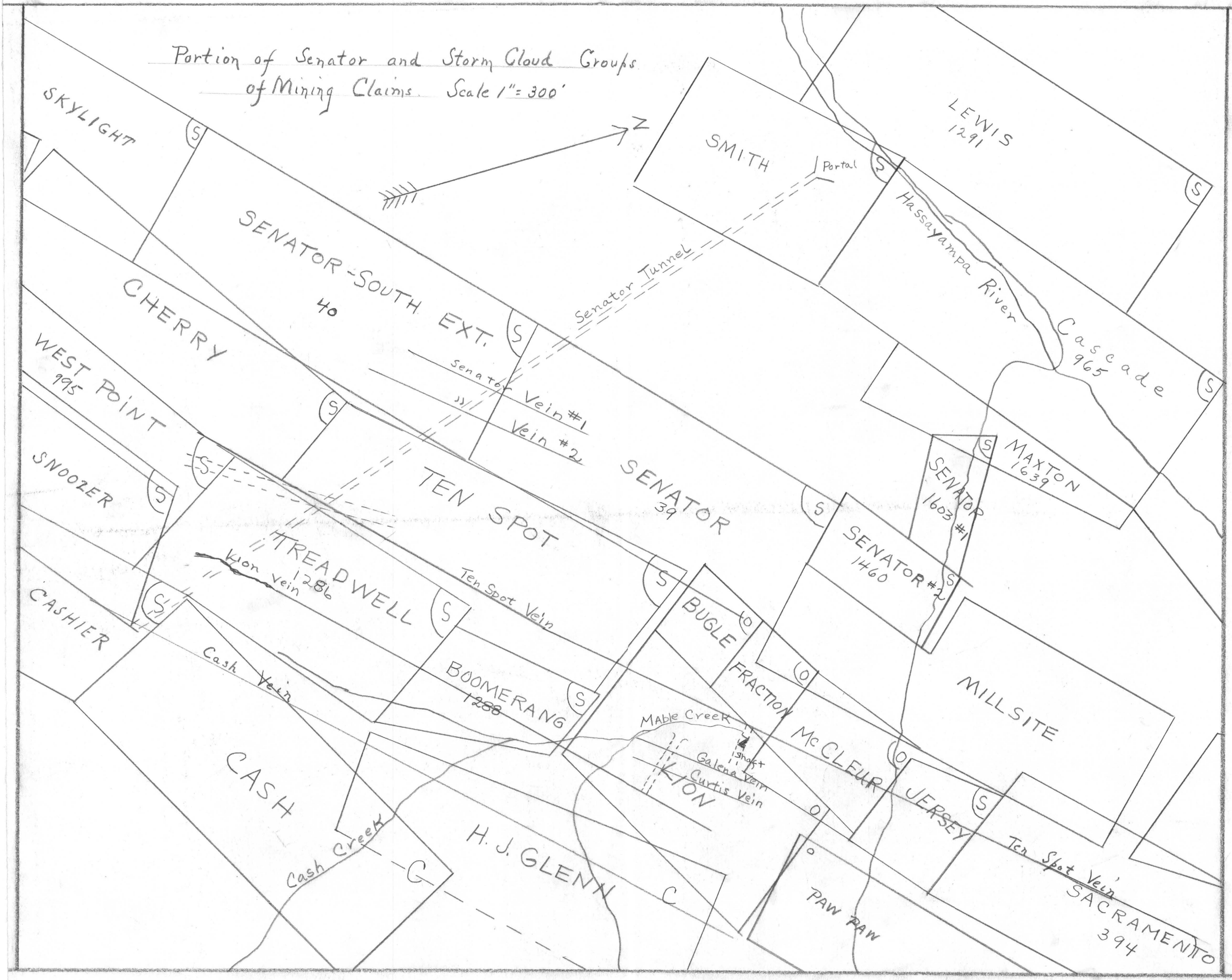
SCALE 200' = 1"



SECTION ALONG STRIKE OF TEN SPOT VEIN



Portion of Senator and Storm Cloud Groups of Mining Claims. Scale 1" = 300'



MAP OF THE

MCCLEUR LODE

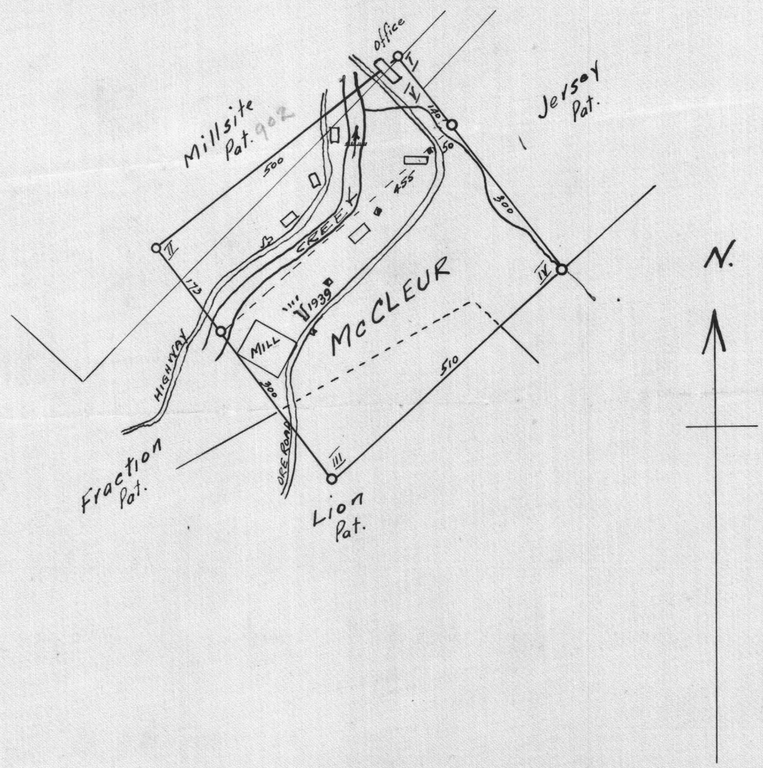
HASSAYAMPA MINING DISTRICT

YAVAPAI COUNTY ARIZONA

SCALE 1 IN = 200 FT.

SURVEY BY J. WILLIAM WAARA
U.S. MINERAL SURVEYOR
PRESCOTT ARIZ.
1928

(TRACED FROM BLUEPRINT OF ORIGINAL SURVEY PLAT.)
C.P.G. May 26/39.



MAP OF THE

RANGER CHIEF LODE

HASSAYAMPA MINING DISTRICT

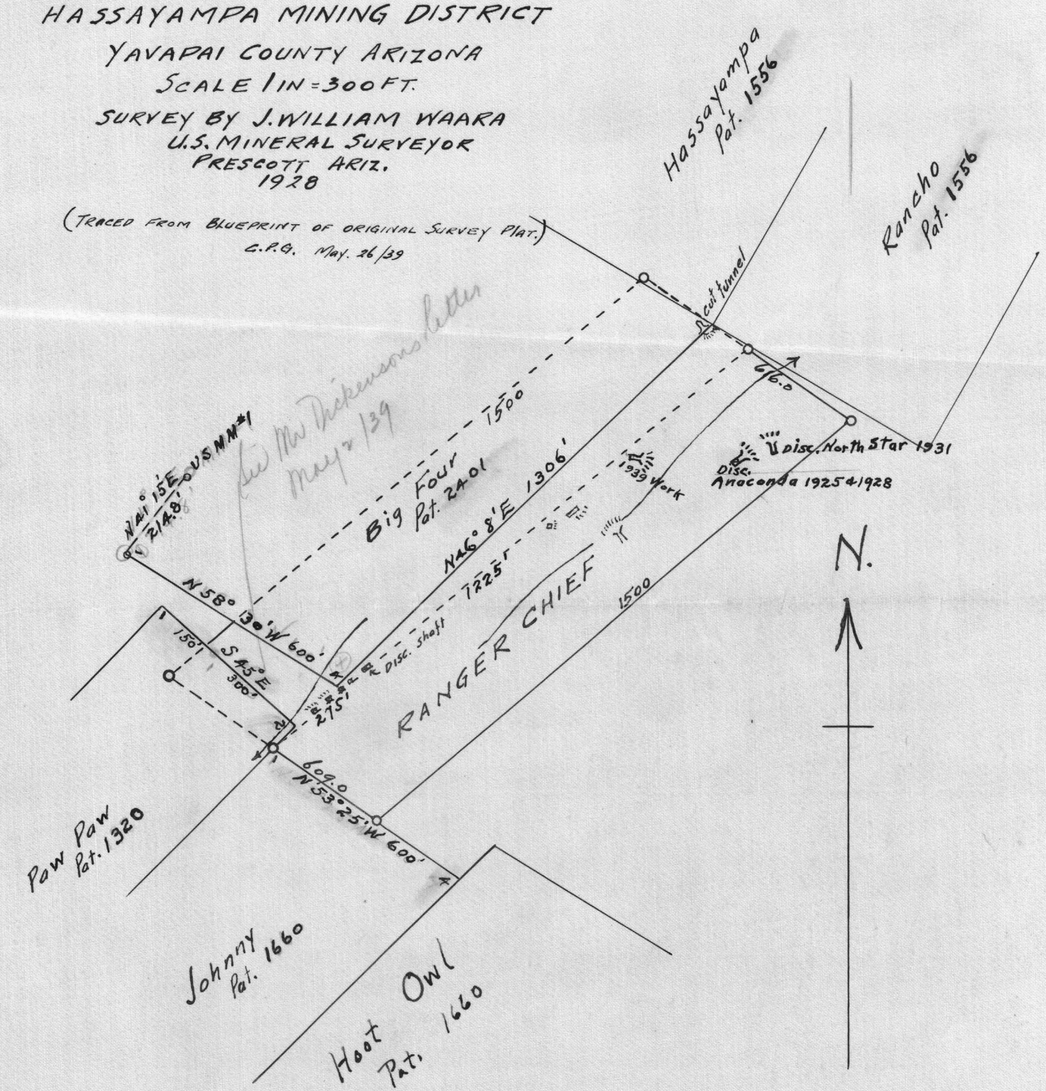
YAVAPAI COUNTY ARIZONA

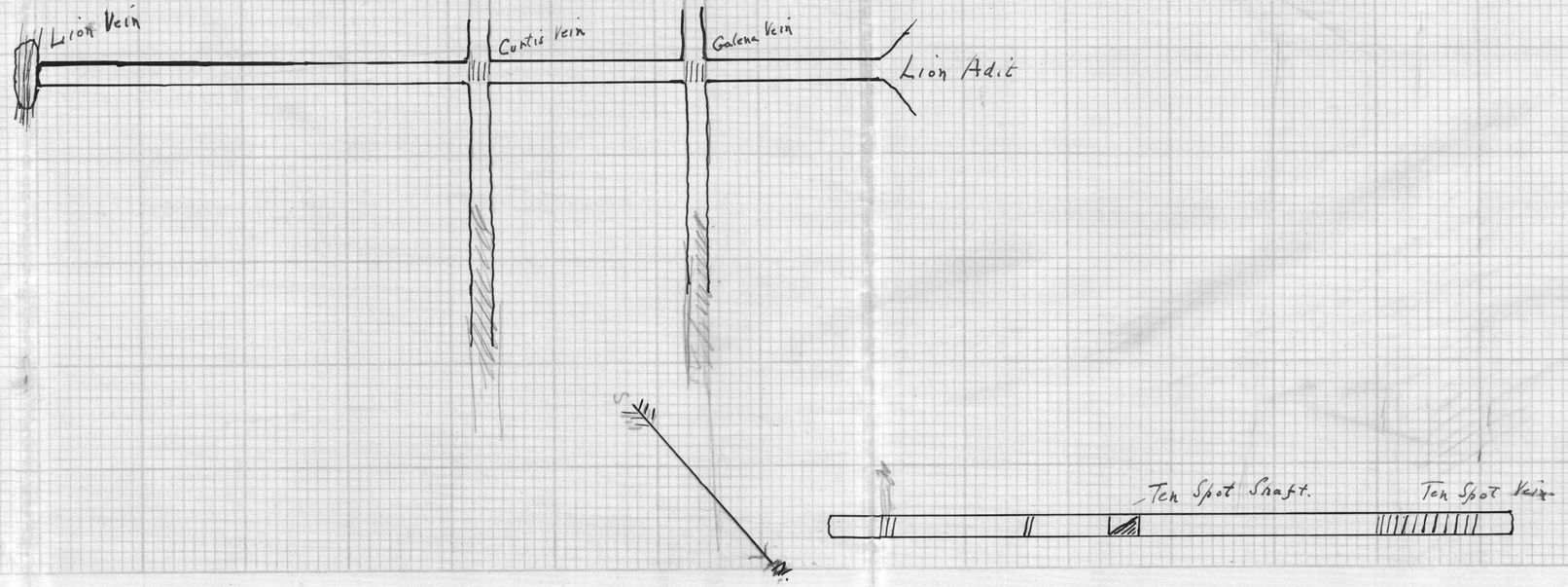
SCALE 1 IN = 300 FT.

SURVEY BY J. WILLIAM WAARA
U.S. MINERAL SURVEYOR
PRESCOTT ARIZ.
1928

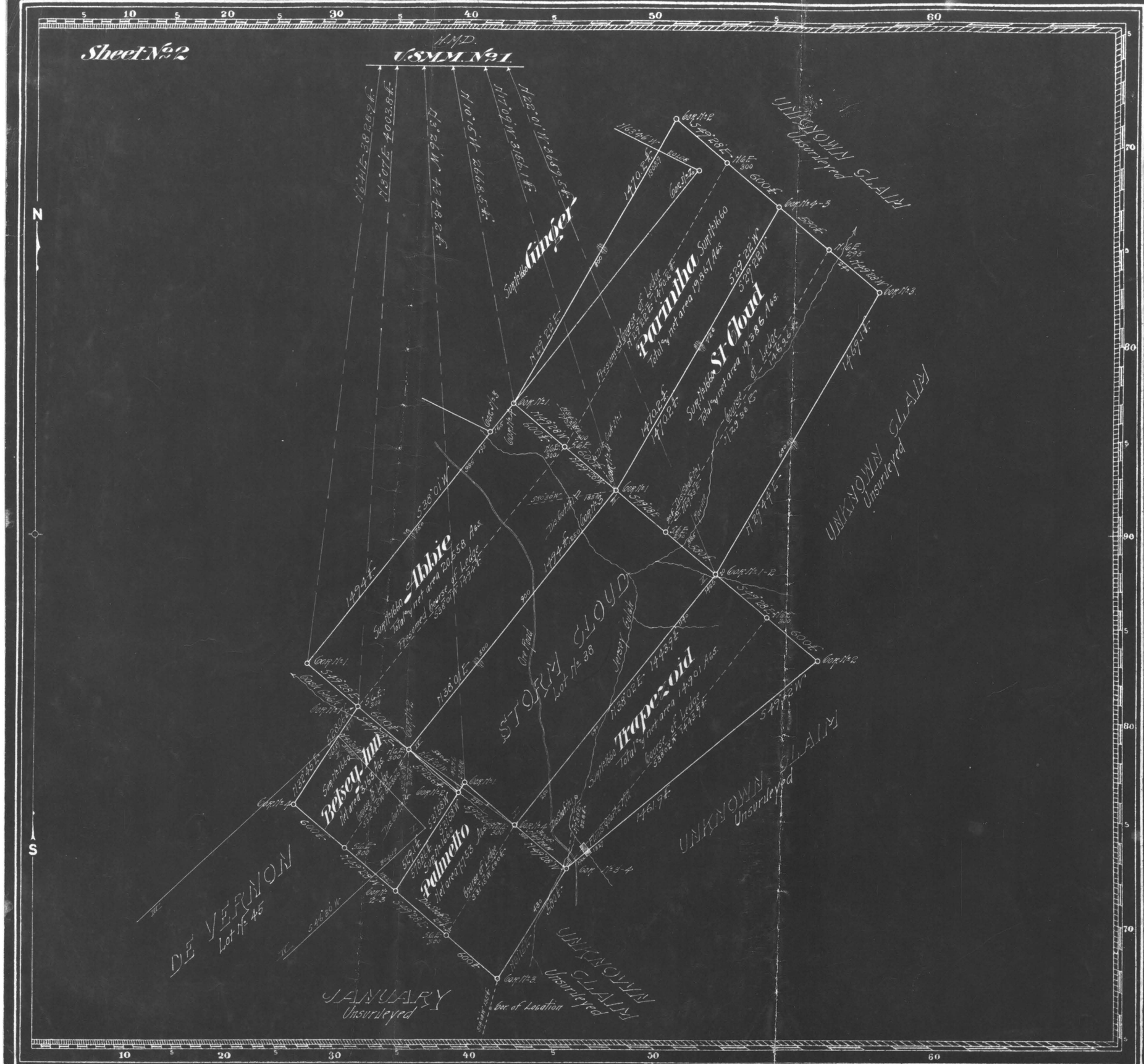
(TRACED FROM BLUEPRINT OF ORIGINAL SURVEY PLAT.)
C.P.G. May. 26/39

See Mr Dickensons letter May 2/39





Storm Cloud,
Lower Workings. — Plan.
Scale 1" = 30'



Claim Located _____ 190

Mineral Survey No. 1660

L.O.T. No. _____ Land District.

PLAT

OF THE CLAIM OF

KNOWN AS THE

IN _____ MINING DISTRICT,

_____ COUNTY,

Containing an Area of _____ Acres.

Scale of _____ Feet to the inch.

Variation _____

SURVEYED _____ 190 _____ BY

_____,

U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of

known as the

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 _____ grantors, and that said improvements consist of

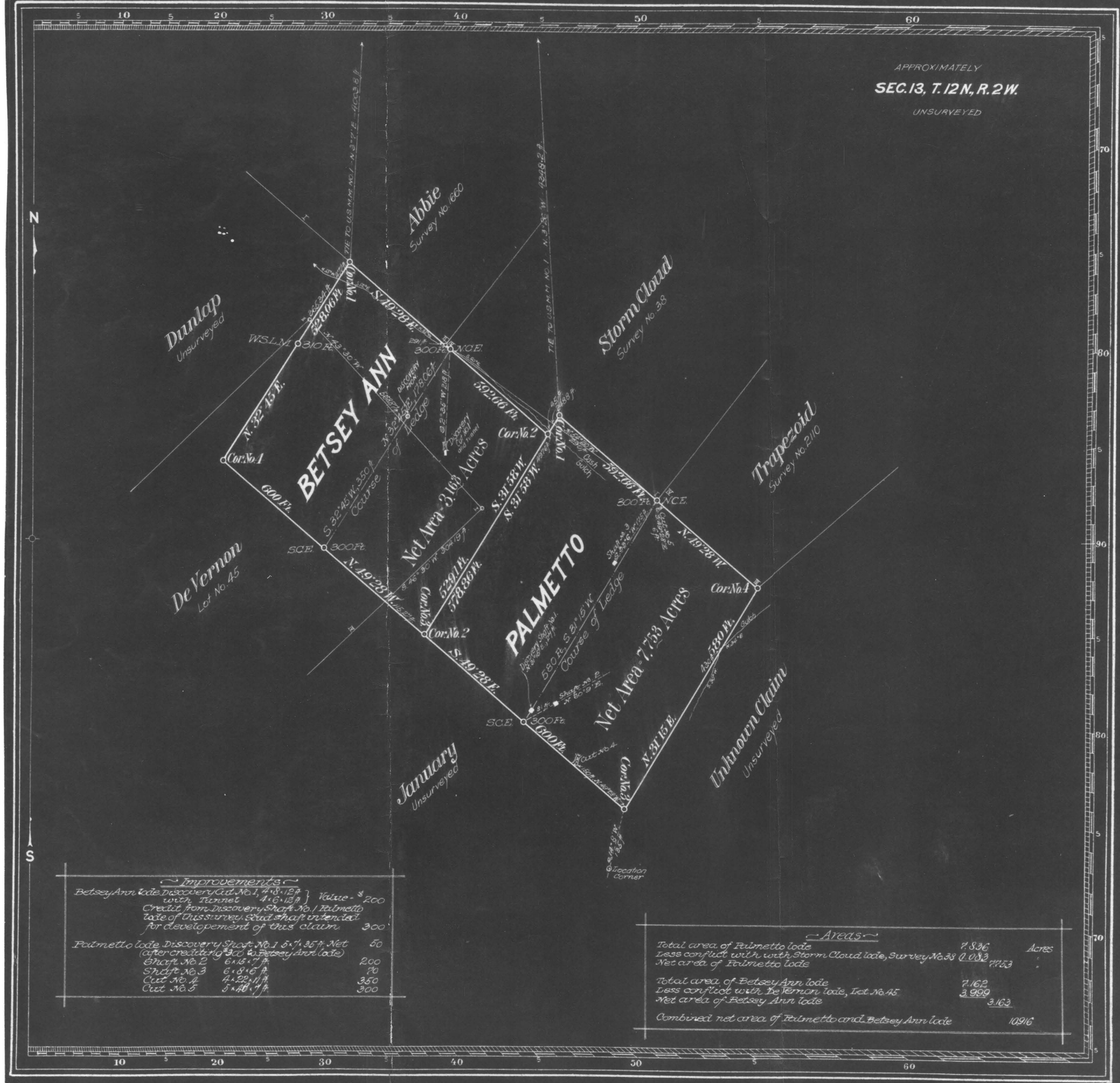
that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

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.

_____ U.S. Surveyor General for

_____, 190



Improvements

Betsey Ann lode. Discovery Cut No. 1, 4×8×12 ft. with Tunnel 4×6×12 ft. Value -	$ 200
Credit from Discovery Shaft No. 1 Palmetto lode of this survey. Stud shaft intended for developement of this claim	300
Palmetto lode Discovery Shaft No. 1 5×4 35 ft. Net (after crediting $300 to Betsey Ann lode)	50
Shaft No. 2 6×15×7 ft.	200
Shaft No. 3 6×8×6 ft.	70
Cut No. 4 4×22×11 ft.	350
Cut No. 5 5×48×7 ft.	300

Areas

Total area of Palmetto lode	7.836	Acres
Less conflict with with Storm Cloud lode, Survey No. 38	0.083	
Net area of Palmetto lode	7.753	"
Total area of Betsey Ann lode	7.162	
Less conflict with De Vernon lode, Lot No. 45	3.999	
Net area of Betsey Ann lode	3.163	
Combined net area of Palmetto and Betsey Ann lode	10.916	

96

204

Claim Located Palmetto May 18 1885
Betsey Ann June 19 1895

Mineral Survey No. 2109

Lot No.

PRESCOTT Land District.

PLAT

OF THE CLAIM OF

MRS. ABBIE WILLIAMS

KNOWN AS THE

BETSEY ANN AND PALMETTO

IN Hassayampa MINING DISTRICT,
Yavapai COUNTY, Arizona
Containing an Area of 10.916 Acres.
Scale of 200 Feet to the inch.
Variation 13° 45' E.

SURVEYED June 27-28 1905 BY

A. B. MADER U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of
~ MRS. ABBIE WILLIAMS ~
known as the

BETSEY ANN AND PALMETTO

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.

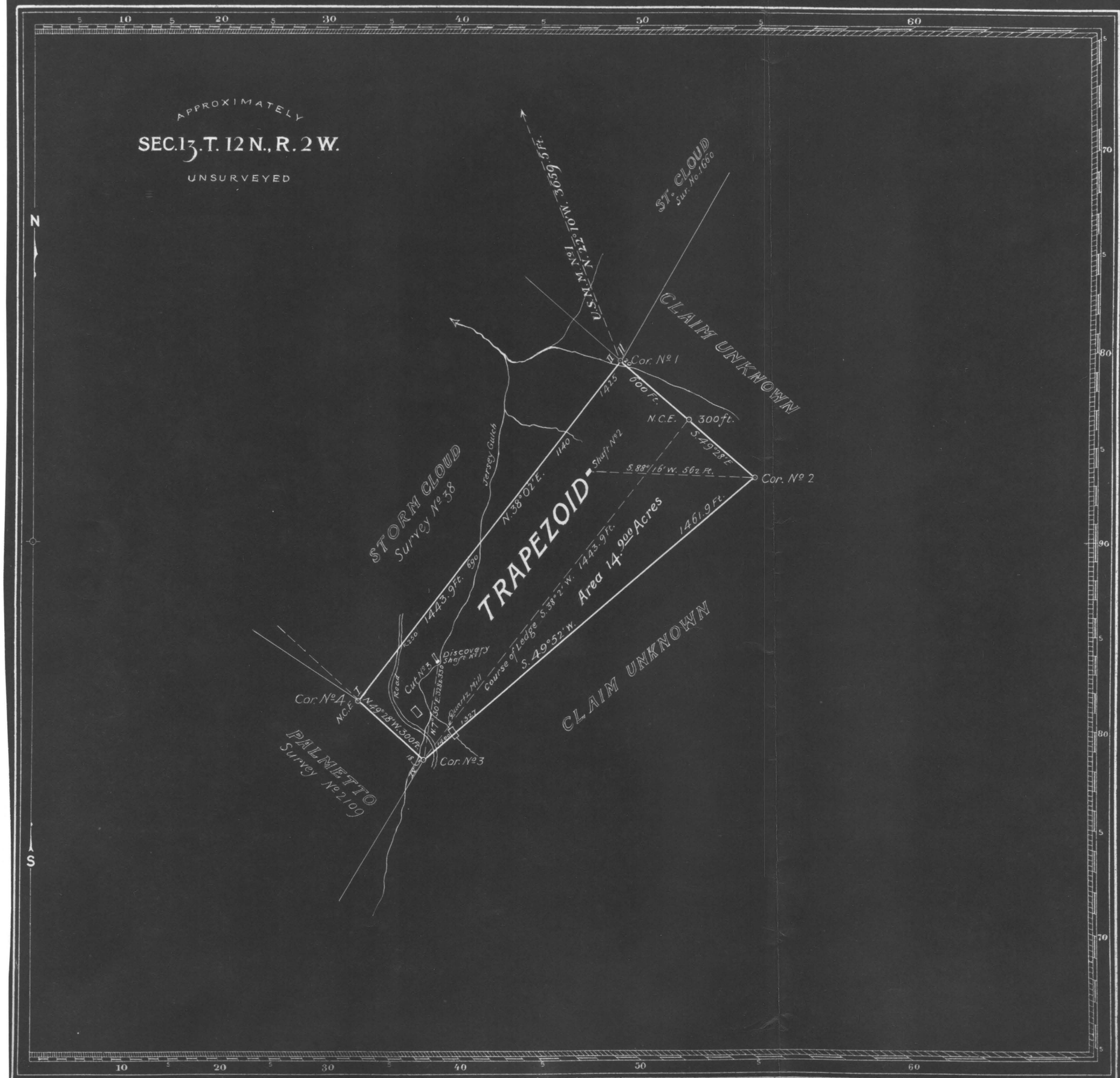
I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for each of, said Mining Claims by claimant or her grantors, and that said improvements consist of ~ See Table ~

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 Claims 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, Arizona
August 24, 1905

Frank Ingalls
U.S. Surveyor General for
ARIZONA.



95
204

Claim Located January 1st 1890

Mineral Survey No. 2110

L.O.T. No.

PRESCOTT Land District.

PLAT

OF THE CLAIM OF

FRED. W. WILLIAMS

KNOWN AS THE

TRAPEZOID

IN HASSAYAMPA MINING DISTRICT,
YAVAPAI COUNTY, ARIZONA
Containing an Area of 14.900 Acres.
Scale of 300 Feet to the inch.
Variation 13° 45' E.
SURVEYED JUNE 27th 1905 BY

A. B. MADER U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of
FRED. W. WILLIAMS
known as the

TRAPEZOID

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

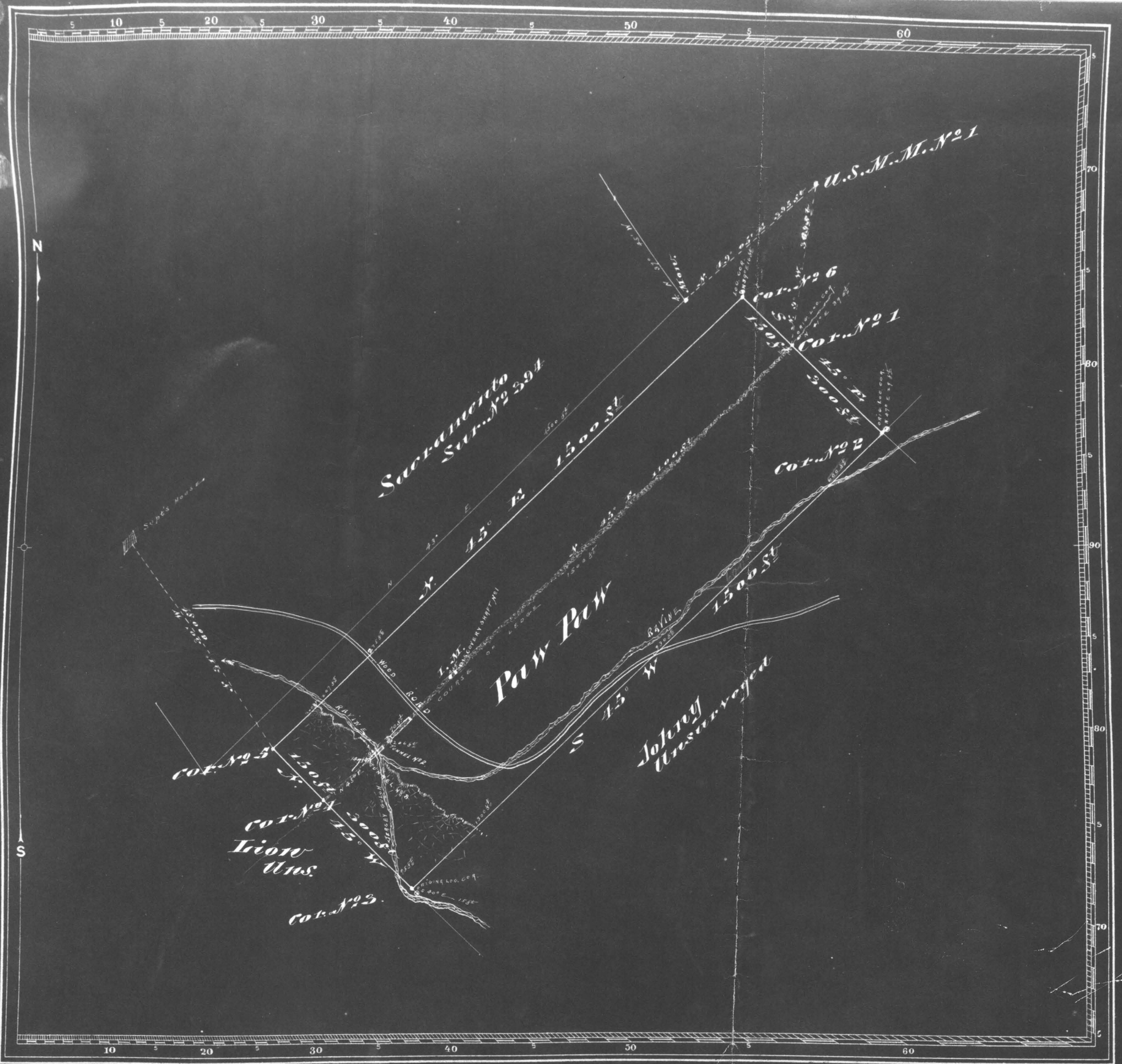
No. 1.	Dis. Shaft	4 x 6 x 15 ft	Valued	$125.
" 2.	"	" " "	"	125.
" 3.	Cut	18 x 36 x 5½	"	500. = $750.

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, Arizona
Aug 23rd, 1905

Frank S. Ingalls
U.S. Surveyor General for
Arizona



Claim Located Jany 1st 1884

Mineral Survey No. 1320 119

L.O.T. No.

Prescott Land District.

PLAT

OF THE CLAIM OF

Abbie Williams

KNOWN AS THE

"Paw Paw"

IN Hassayampa MINING DISTRICT,
Yavapai COUNTY, Arizona
Containing an Area of 15.49 Acres.
Scale of 200 Feet to the inch.
Variation 15° 30' E
SURVEYED Dec. 1st to 2nd 1898 BY
Ridgley C. Powers
U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of
Abbie Williams
known as the
"Paw Paw"

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.

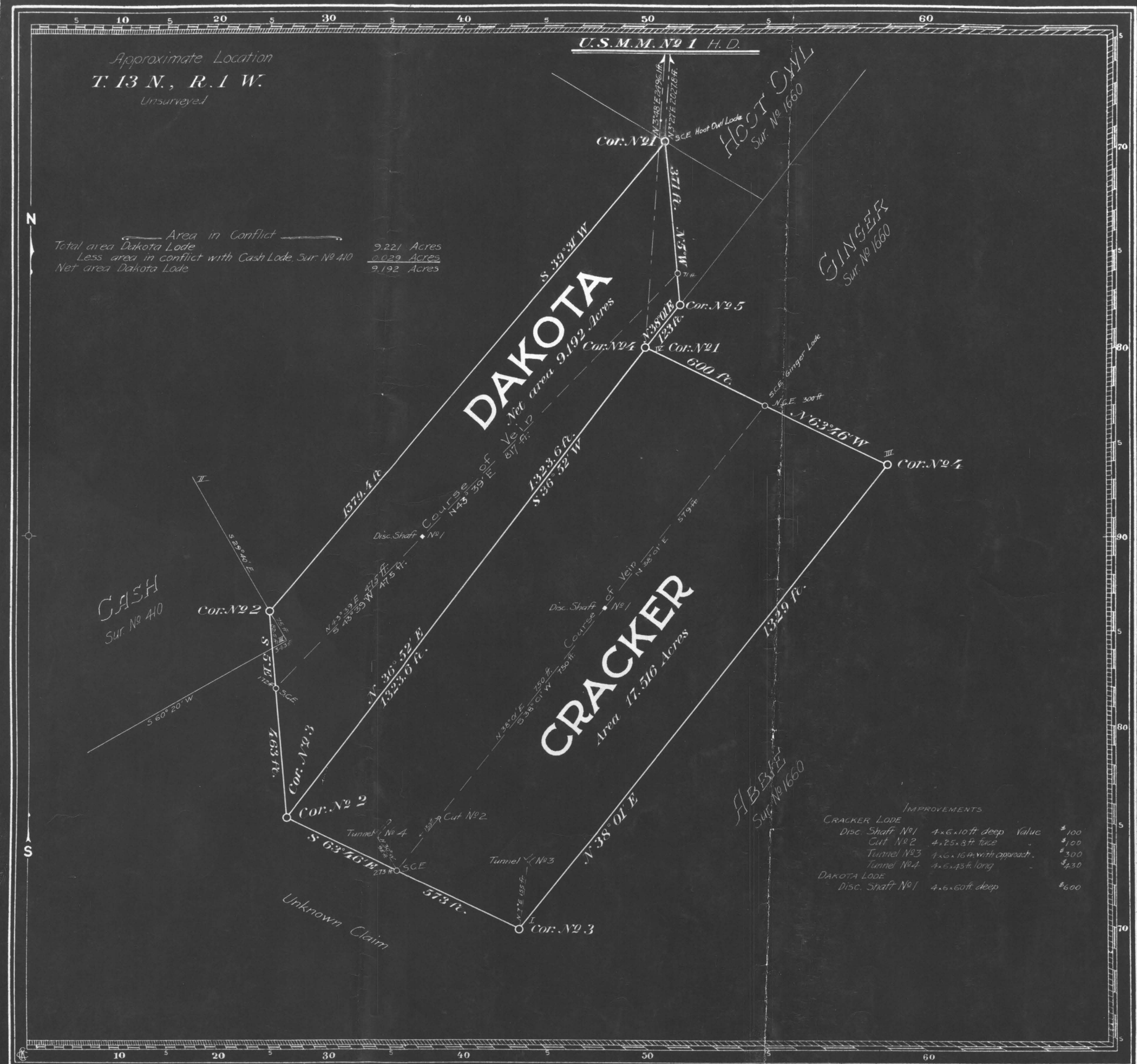
I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claim by claimant or her grantors, and that said improvements consist of

1 Shaft
2 Tunnels

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. George Christ
Tucson, Ariz. U.S. Surveyor General for
Dec. 20, 1898 Arizona



59
189

Claims Located Dakota Located Oct. 20, 1900 190
Cracker " June 15, 1898

Mineral Survey No 1955

L.O.T. No
Prescott Land District.

PLAT

OF THE CLAIM OF
Minnie L. Pickrell and Chris. Hanson

KNOWN AS THE

DAKOTA AND CRACKER

IN HASSAYAMPA MINING DISTRICT,
YAVAPAI COUNTY, ARIZONA
Containing an Area of 26.697 Acres.
Scale of 200 Feet to the inch.
Variation 14°E
SURVEYED July 19–20 1904 BY

J. J. Fisher U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of
Minnie L. Pickrell and Chris Hanson
known as the

Dakota and Cracker

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 each of said Mining Claims by claimants or their grantors, and that said improvements consist of

See Table

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. Frank Sengalle
Phoenix Arizona U.S. Surveyor General for
September 27, 1904 Arizona

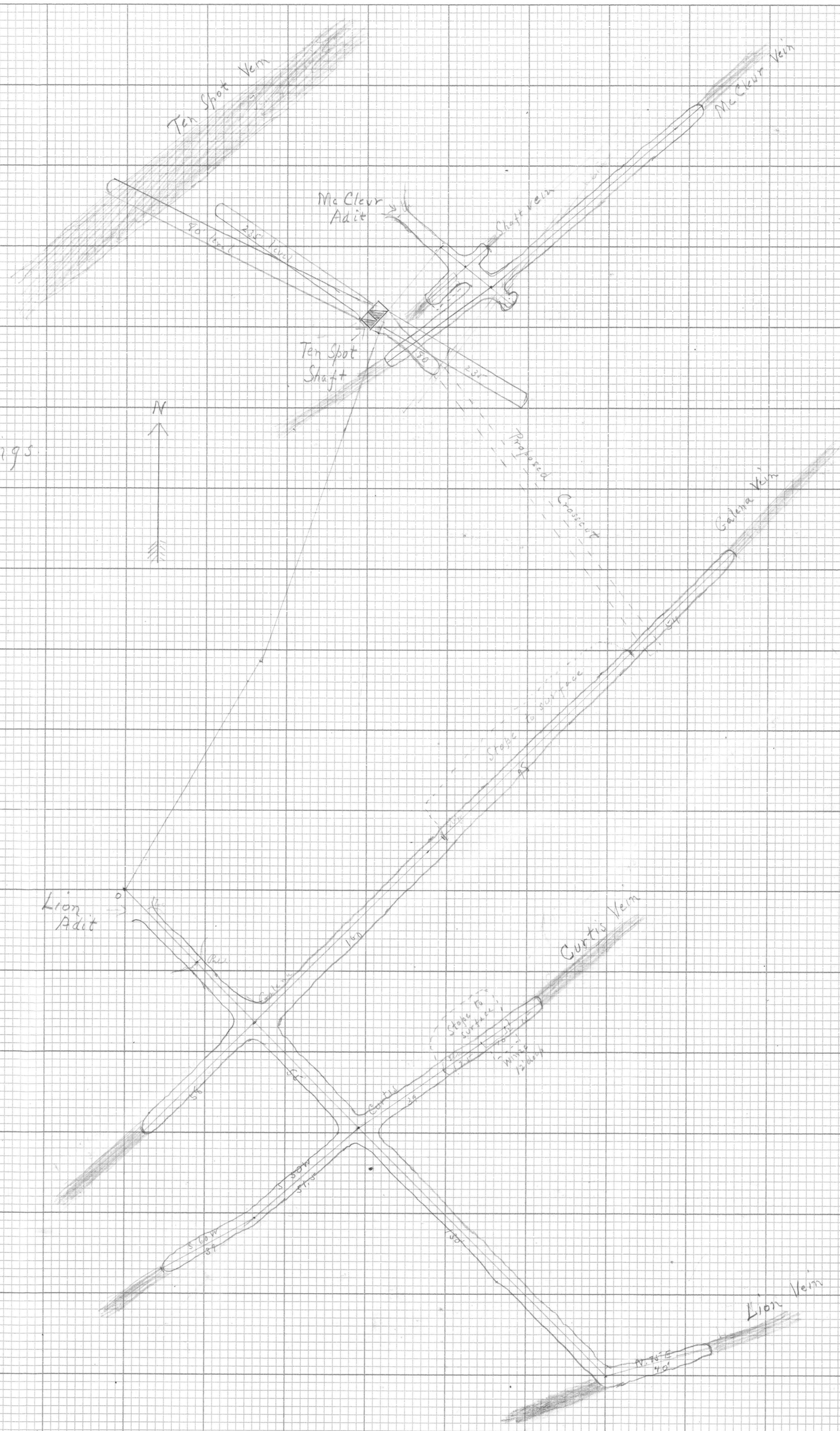
Storm Cloud Mine

Plan of Lower Workings

Scale 1" = 30'

Elev about 6700' above sea level

Datum point at McClevr Adit = 0
Elev of collar of Ten Spot Shaft = 20
" " portal of Lion Adit = 40



Lion Tunnel is 20' above collar of 10 Spot Shaft.

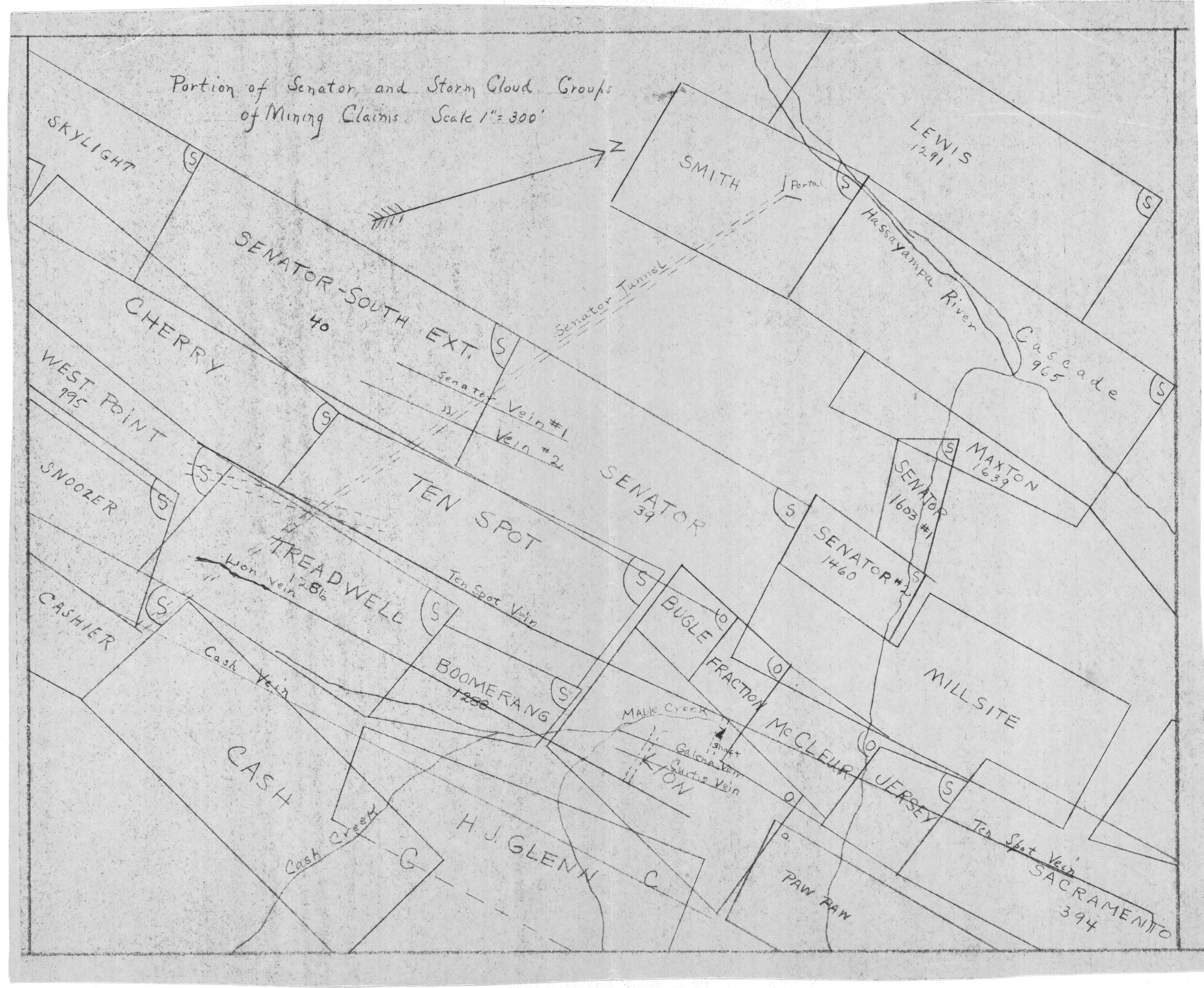
30' = 1"

KEUFFEL & ESSER CO.
NEW YORK

TRADE STANDARD MARK
REG. U.S. PAT. OFF.
CROSS SECTION 10 X 10
100% RAG PAPER
PRINTED IN U.S.A.

Storm Cloud

Storm Cloud


Portion of Senator and Storm Cloud Groups
of Mining Claims Scale 1" = 300'
N
SKYLIGHT
SENATOR-SOUTH EXT.
40
CHERRY
WEST POINT
995
SNOOZER
CASHIER
TREADWELL
1286
Lion Vein
Ten Spot Vein
TEN SPOT
SENATOR
39
Senator Vein #1
Vein #2
Senator Tunnel
SMITH
Portal
LEWIS
1291
Hassayampa River
Cascade
965
MAXTON
1639
SENATOR
1603 #1
SENATOR #2
1460
BUGLE
FRACTION
McCLEUR
JERSEY
MILLSITE
Ten Spot Vein
SACRAMENTO
394
PAW PAW
BOOMERANG
1288
Cash Vein
CASH
Cash Creek
H. J. GLENN
C
Maple Creek
Shaft
Galena Vein
Curtis Vein
LION

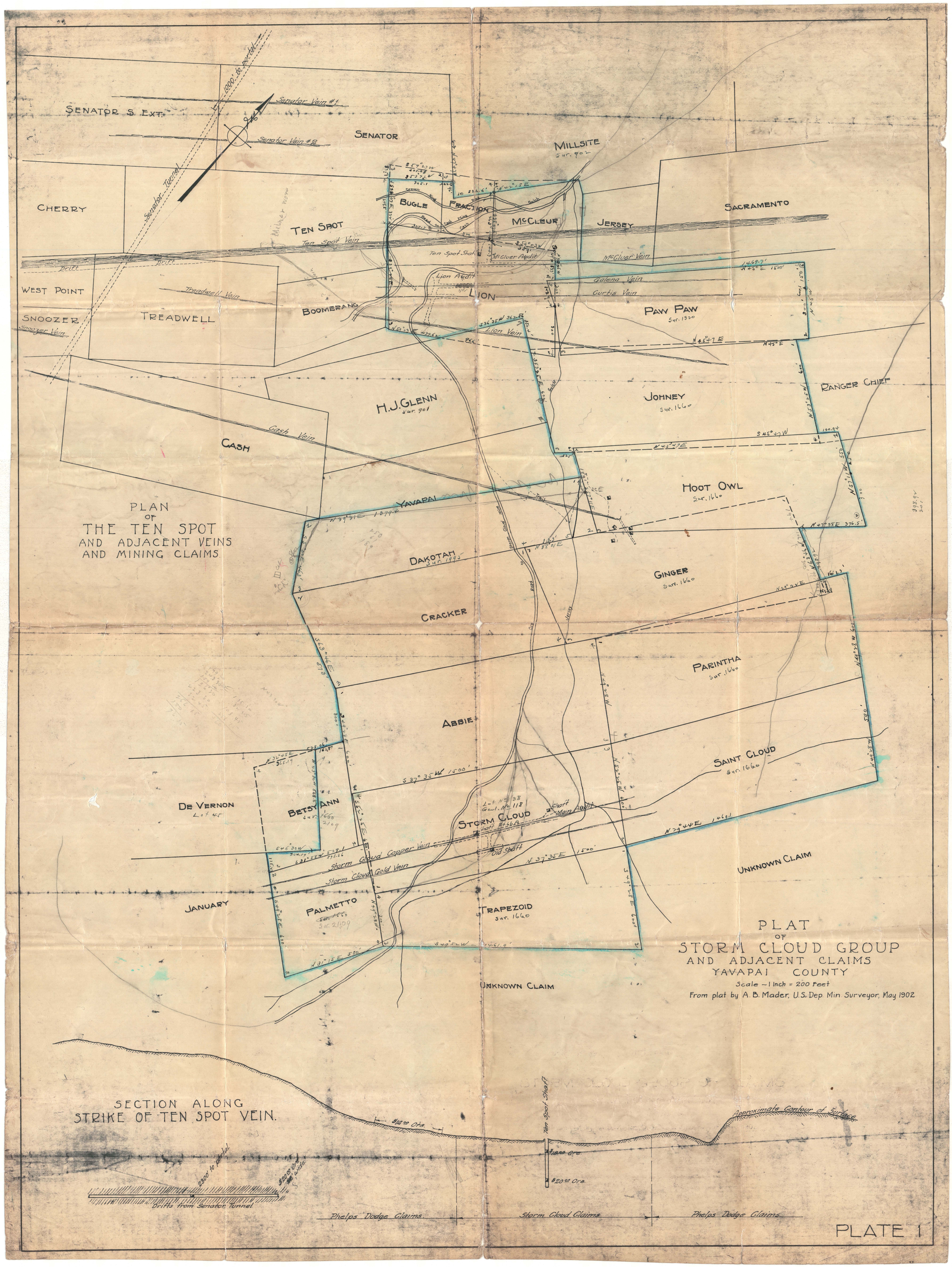
Storm Cloud Mine, Lower Workings

Section, Scale 1" = 30'

Ten Spot & Lion

Ten Spot & Lion

To be revised

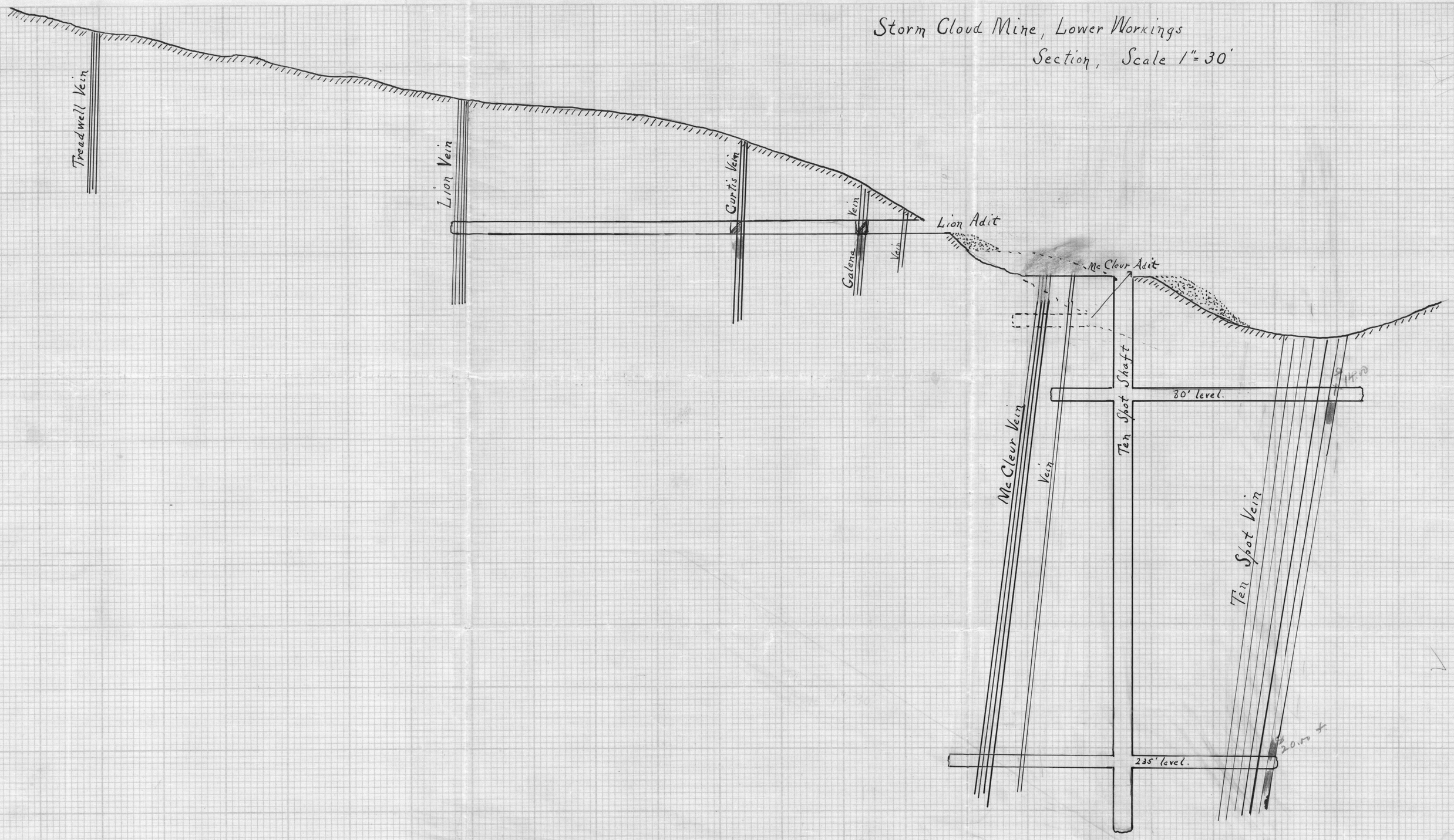

PLAN OF THE TEN SPOT AND ADJACENT VEINS AND MINING CLAIMS
PLAT OF STORM CLOUD GROUP AND ADJACENT CLAIMS YAVAPAI COUNTY
Scale – 1 Inch = 200 Feet
From plat by A. B. Mader, U.S. Dep. Min. Surveyor, May 1902
SECTION ALONG STRIKE OF TEN SPOT VEIN.
PLATE 1
SENATOR S. EXT.
Senator Vein #1
Senator Vein #2
SENATOR
Senator Tunnel
1000' to portal
CHERRY
TEN SPOT
Ten Spot Vein
Ten Spot Shaft
McCleur Audit
BUGLE FRACTION
McCLEUR
MILLSITE
Sur. 902
JERSEY
SACRAMENTO
McCluer Vein
Galena Vein
Curtis Vein
Lion Audit
LION
Lion Vein
WEST POINT
Treadwell Vein
SNOOZER
Snoozer Vein
TREADWELL
BOOMERANG
PAW PAW
Sur. 1320
H.J. GLENN
Sur. 901
JOHNEY
Sur. 1660
RANGER CHIEF
CASH
Cash Vein
HOOT OWL
Sur. 1660
YAVAPAI
DAKOTAH
Sur. 1995
GINGER
Sur. 1660
CRACKER
PARINTHA
Sur. 1660
ABBIE
SAINT CLOUD
Sur. 1660
DE VERNON
Lot 45
BETSY ANN
Sur. 1660
2109
STORM CLOUD
Lot No. 38
Genl. No. 118
Shaft 20.46 A
Main Audit
Old Shaft
Storm Cloud Copper Vein
Storm Cloud Gold Vein
UNKNOWN CLAIM
JANUARY
PALMETTO
Sur. 1660
Sur. 2109
TRAPEZOID
Sur. 1660
UNKNOWN CLAIM
Ten Spot Shaft
Approximate Contour of Surface
$14.00 Ore
$18.00 Ore
$20.00 Ore
2300' to portal
$20.00 Ore
Drifts from Senator Tunnel
Phelps Dodge Claims
Storm Cloud Claims
Phelps Dodge Claims

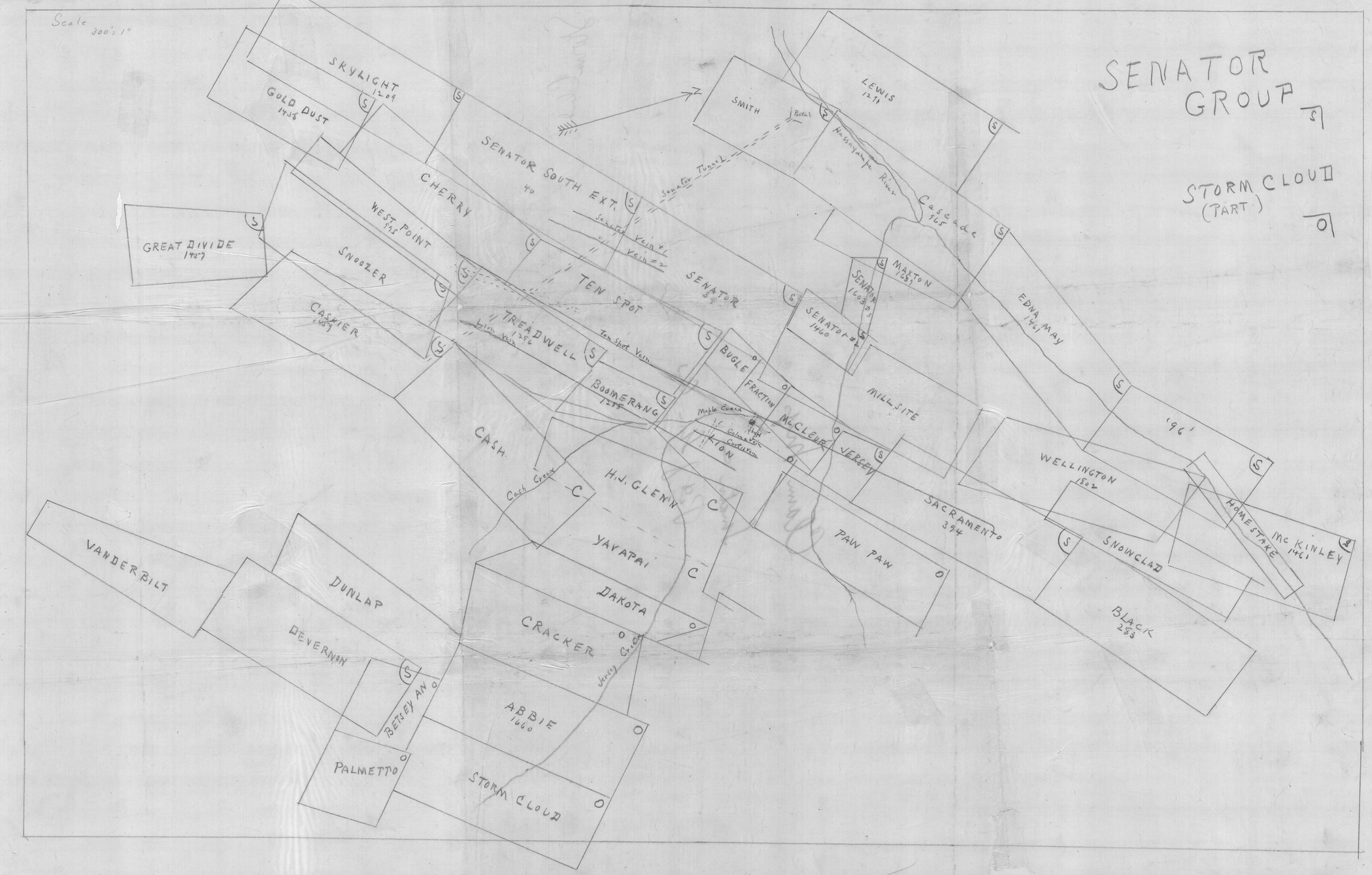
Storm Cloud

Mining Claims & Section

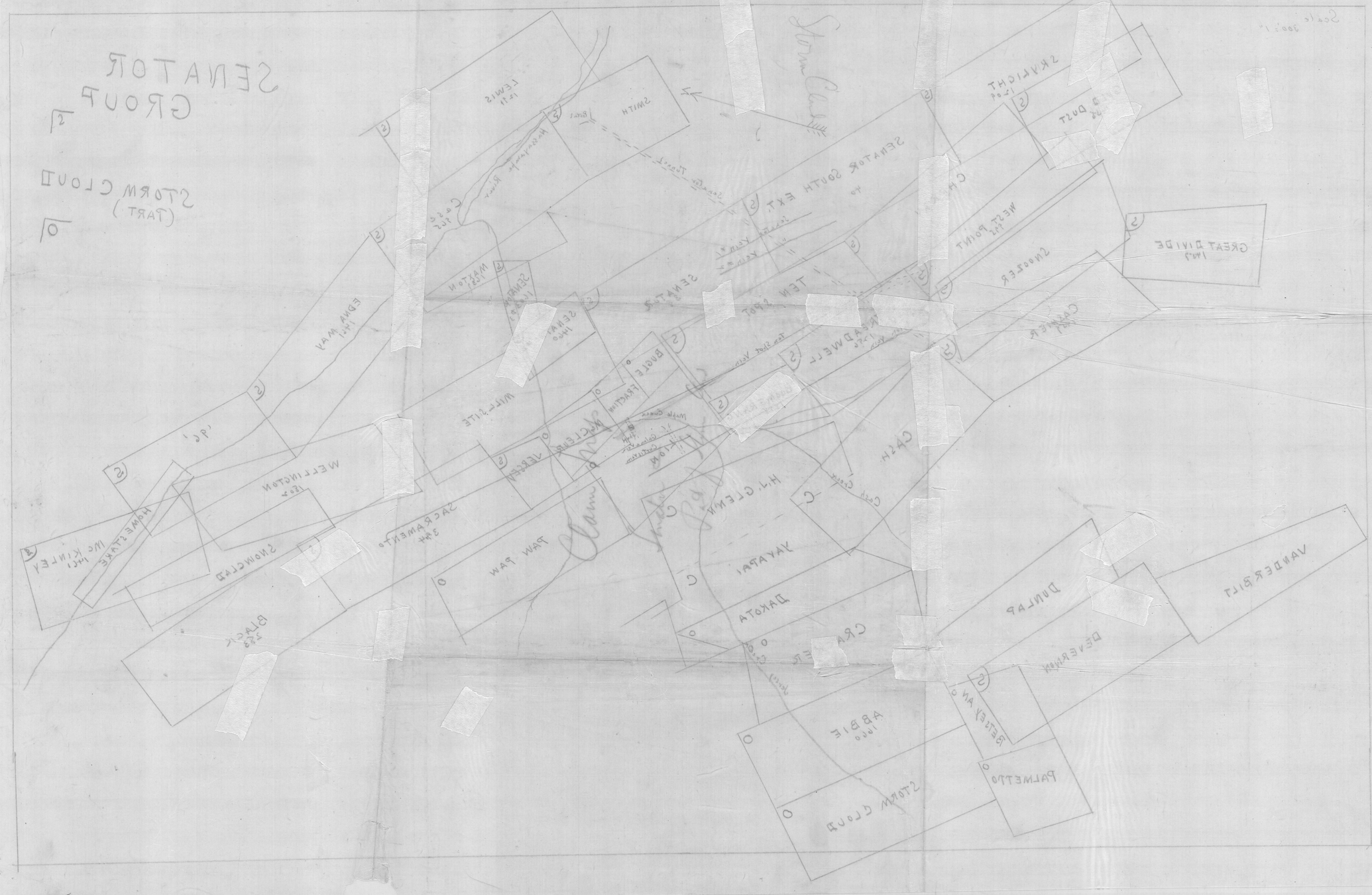
Claim map

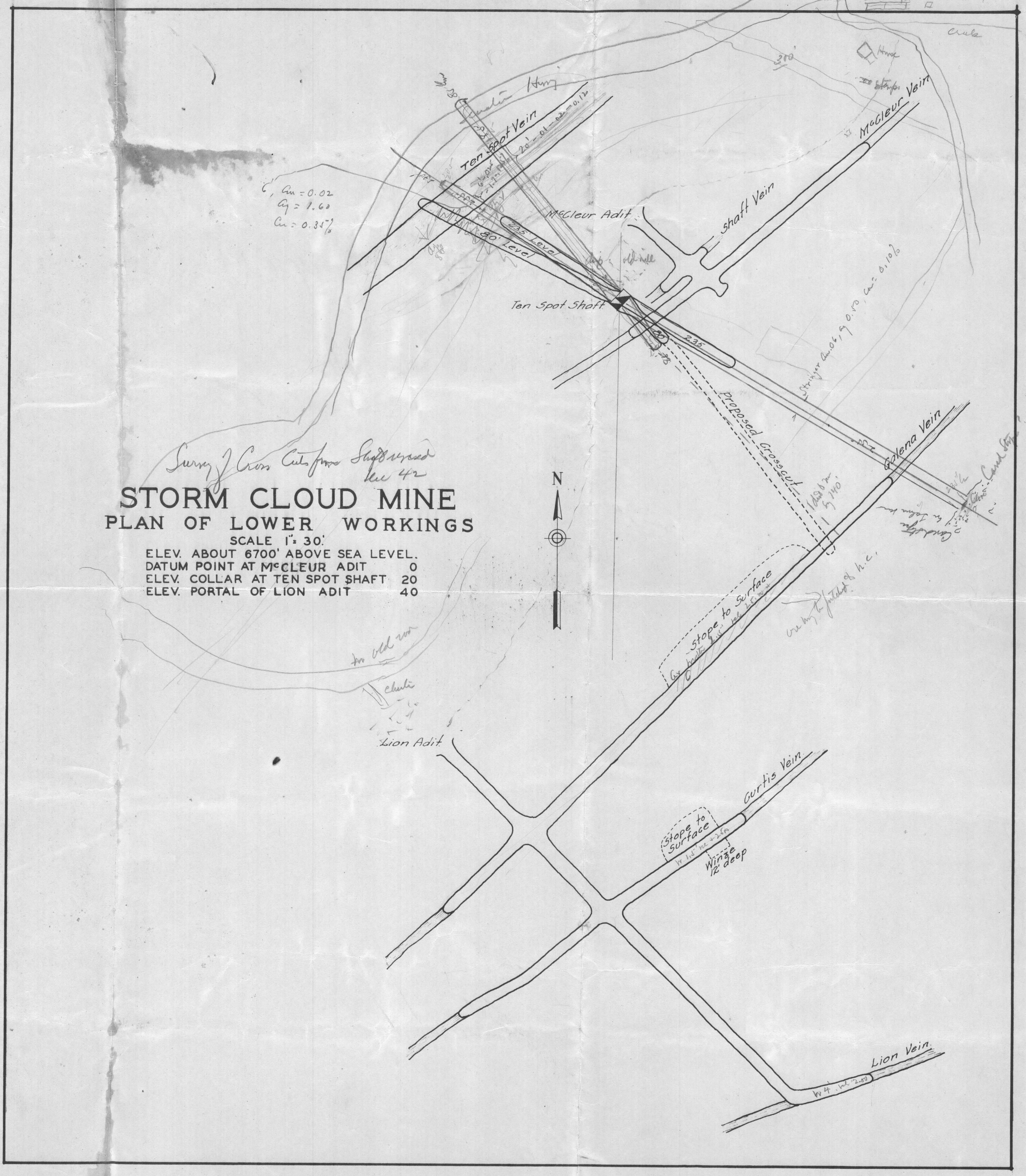
& 10 Spot

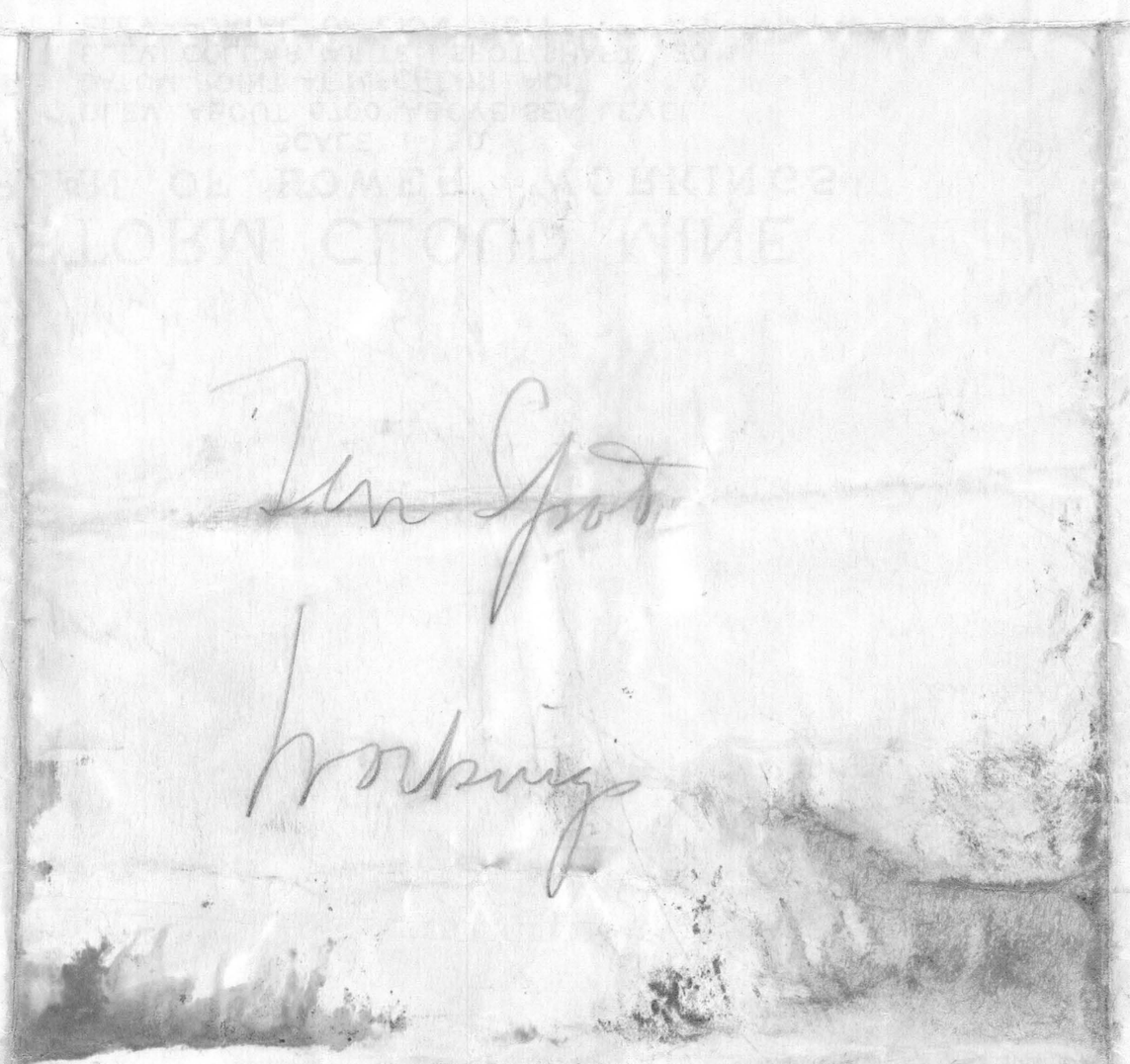

Storm Cloud Mine, Lower Workings
Section, Scale 1" = 30'
Treadwell Vein
Lion Vein
Curtis Vein
Vein
Galena
Vein
Lion Adit
Mc Cleur Adit
Ten Spot Shaft
80' level.
Mc Cleur Vein
Vein
Ten Spot Vein
235' level.

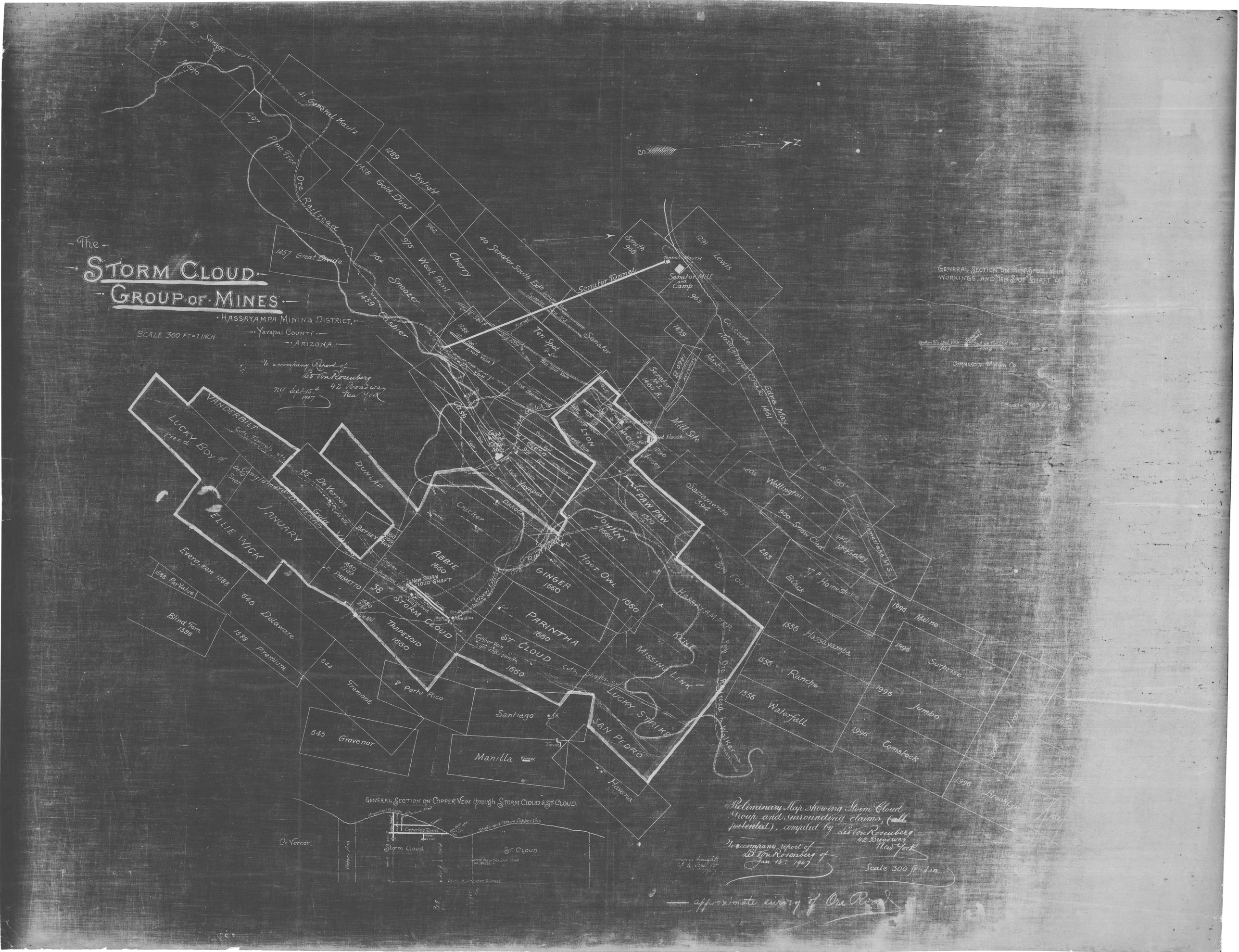


Scale 300' = 1"
SENATOR GROUP
STORM CLOUD (PART)
SKYLIGHT 1209
GOLD DUST 1458
SENATOR SOUTH EXT. 40
CHERRY
WEST POINT 995
GREAT DIVIDE 1457
SNOOZER
CASKIER 1457
TEN SPOT
TREADWELL 1296
Lion Vein
Ten Spot Vein
BOOMERANG 1215
SENATOR 39
Senator Vein #1
Vein #2
Senator Tunnel
SMITH
Portal
LEWIS 1291
Nassayampa River
Cascade 965
MAXTON 1659
SENATOR 1603 #3
SENATOR #2 1460
EDNA MAY 1461
BUGLE
FRACTION
McCLEUR
JERSEY
MILLSITE
Maple Creek
Galena Vein
Curtis Vein
LION
CASH
Cash Creek
H.J. GLENN
YAVAPAI
DAKOTA
CRACKER
Jersey Creek
ABBIE 1660
STORM CLOUD
PALMETTO
BETSEY AN
DEVERNON
DUNLAP
VANDERBILT
PAW PAW
SACRAMENTO 394
WELLINGTON 1802
SNOWCLAD
BLACK 283
HOMESTAKE
McKINLEY 1461
'96'


SENATOR GROUP
STORM CLOUD (PART)
Storm Cloud
LEWIS
SMITH
SENATOR SOUTH EXT.
SKYLIGHT
DUST
WEST POINT
SNOOZER
GREAT DIVIDE
EDWAY
MATON
SENATOR
TEN SPOT
WHITE
BUGLE
FRACTION
MACTEUR
VETERAN
WELLINGTON
CASH
HIGLEY
SHOWCLUB
SAGAMINO
PAW PAW
JAYAPAI
DAKOTA
CRAMER
DUNLAP
VANDERBILT
DEVERNON
BLACK
ABBIE
GEETEY AVE
PALMETTO
STORM CLOUD


Survey of Cross Cuts from Sketch surveyed
See 42
STORM CLOUD MINE
PLAN OF LOWER WORKINGS
SCALE 1" = 30'
ELEV. ABOUT 6700' ABOVE SEA LEVEL.
DATUM POINT AT McCLEUR ADIT 0
ELEV. COLLAR AT TEN SPOT SHAFT 20
ELEV. PORTAL OF LION ADIT 40
N
Ten Spot Vein
McCleur Adit
235' Level
90' Level
Ten Spot Shaft
Shaft Vein
McCleur Vein
Proposed Crosscut
Galena Vein
Stope to Surface
Lion Adit
Curtis Vein
Stope to Surface
Winze 12' deep
Lion Vein
Stringer Au. 0.61, Ag 0.50, Cu = 0.10%
Cu = 0.35%
Creek
Old mill

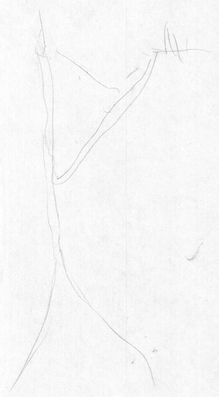

The Spot
looking


The
STORM CLOUD
GROUP OF MINES
HASSAYAMPA MINING DISTRICT.
Yavapai County
ARIZONA.
SCALE 300 FT = 1 INCH
To accompany Report of Leo Von Rosenberg
N.Y. Oct 15th 1907
42 Broadway New York
N
S
42 Savage
45
1070
41 General Kautz
407
Pine Tree Ore Railroad
1289
Skylight
1458 Gold Dust
1457 Great Divide
962
975 West Point
964 Snoozer
1459 Cashier
Cherry
40 Senator South Ext.
Senator Tunnel
Smith 906
Tunnel South
Senator Mill and Camp
905
121 Lewis
Cascade
Montezuma Creek
Extra May
1461
Maxfort
1839
Senator No 2 1460 A
Mill Site
1230
Hussey
Ten Spot
Senator
Lyon Vein
Boomerang Gulch
Cash
Cash Cracker
Yavapai
Dakota
Cracker
Railroad
Hoot Owl
Johnny
1660
Paw Paw
1330
Sacramento 394
Wellington
900 Snow Cap
283
Big Four
Hassayampa River
Mt. Hanley
Emerald M.S.
37 Homestead
Black
1996 Maine
1996 Surprise
1556 Hassayampa
1556 Ranche
1556 Waterfall
1996 Jumbo
1996 Comstock
1996 Brooklyn
Kent
Missing Link
Lucky Strike
San Pedro
Havana
Ore Railroad to Walker
LUCKY BOY of Tren d
VANDERBILT
Cuts, Tunnels etc.
Conglomerate de Venus
JANUARY
ELLIE WICK
45 De Vernon
Gola
DUNLAP
BETSEY
Evergreen 1388
1588 Par Value
Blind Tom 1588
646 Delaware
1588 Premium
644
Tremont
645 Grovenor
Porto Rico
Santiago
Manilla
Tunnel
ABBIE 1660
New Storm Cloud Shaft
PALMETTO 1660
38 STORM CLOUD
TRAPEZOID 1660
GINGER 1660
PARINTHA 1660
ST CLOUD 1660
Copper Vein
Cuts, shafts, etc.
GENERAL SECTION ON COPPER VEIN through STORM CLOUD & ST CLOUD.
Copper Vein Tunnel
Storm Cloud
St Cloud
De Vernon
Preliminary Map showing Storm Cloud Group and surrounding claims, (all patented), compiled by Leo Von Rosenberg 42 Broadway New York
To accompany report of Leo Von Rosenberg of Jan 15. 1907
Scale 300 ft 1 in
approximate survey of Ore Road
GENERAL SECTION ON TEN SPOT VEIN BETWEEN WORKINGS, AND TEN SPOT SHAFT OF STORM CLOUD
Commercial Mining Co
Scale 100 ft 1 in

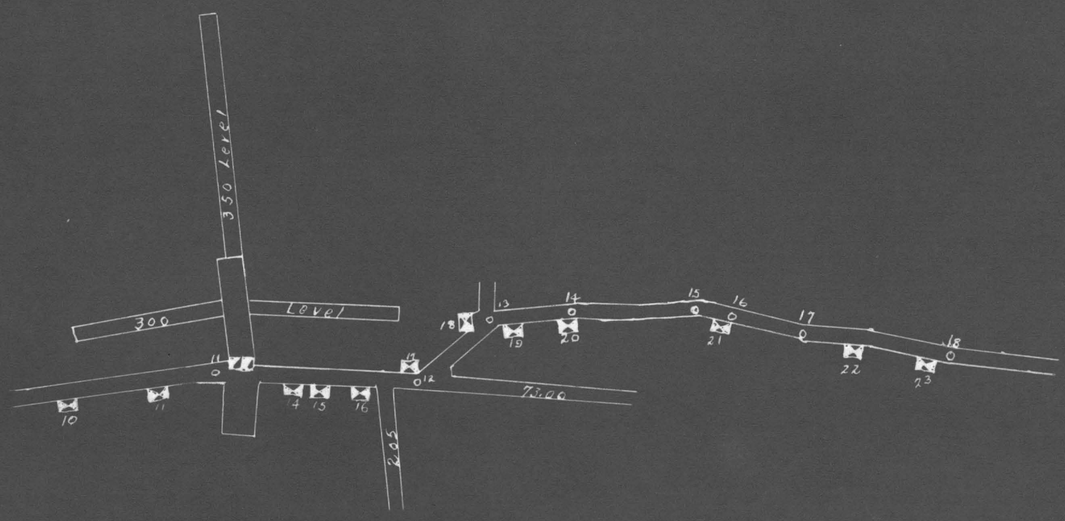
Storm Cloud

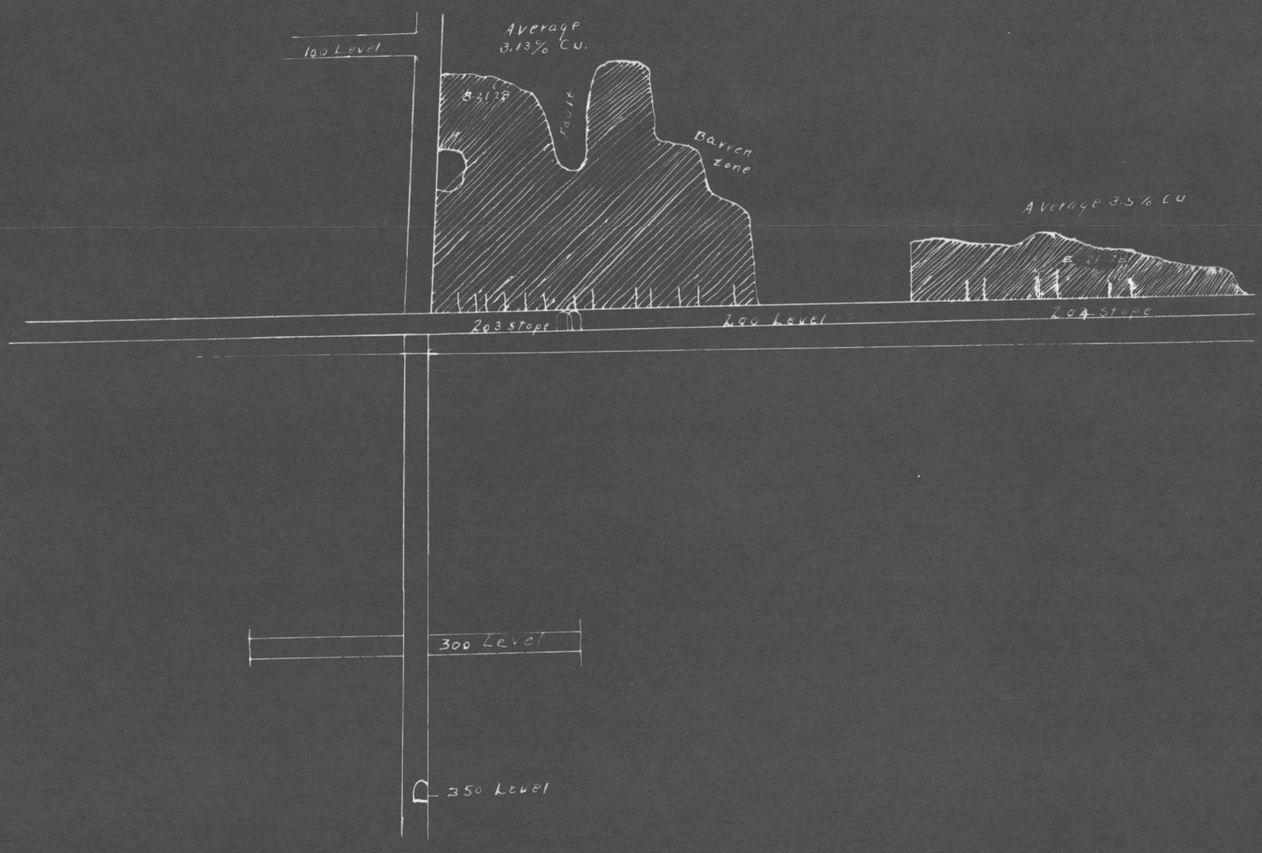
Storm Cloud

Rosenburg Claim Map



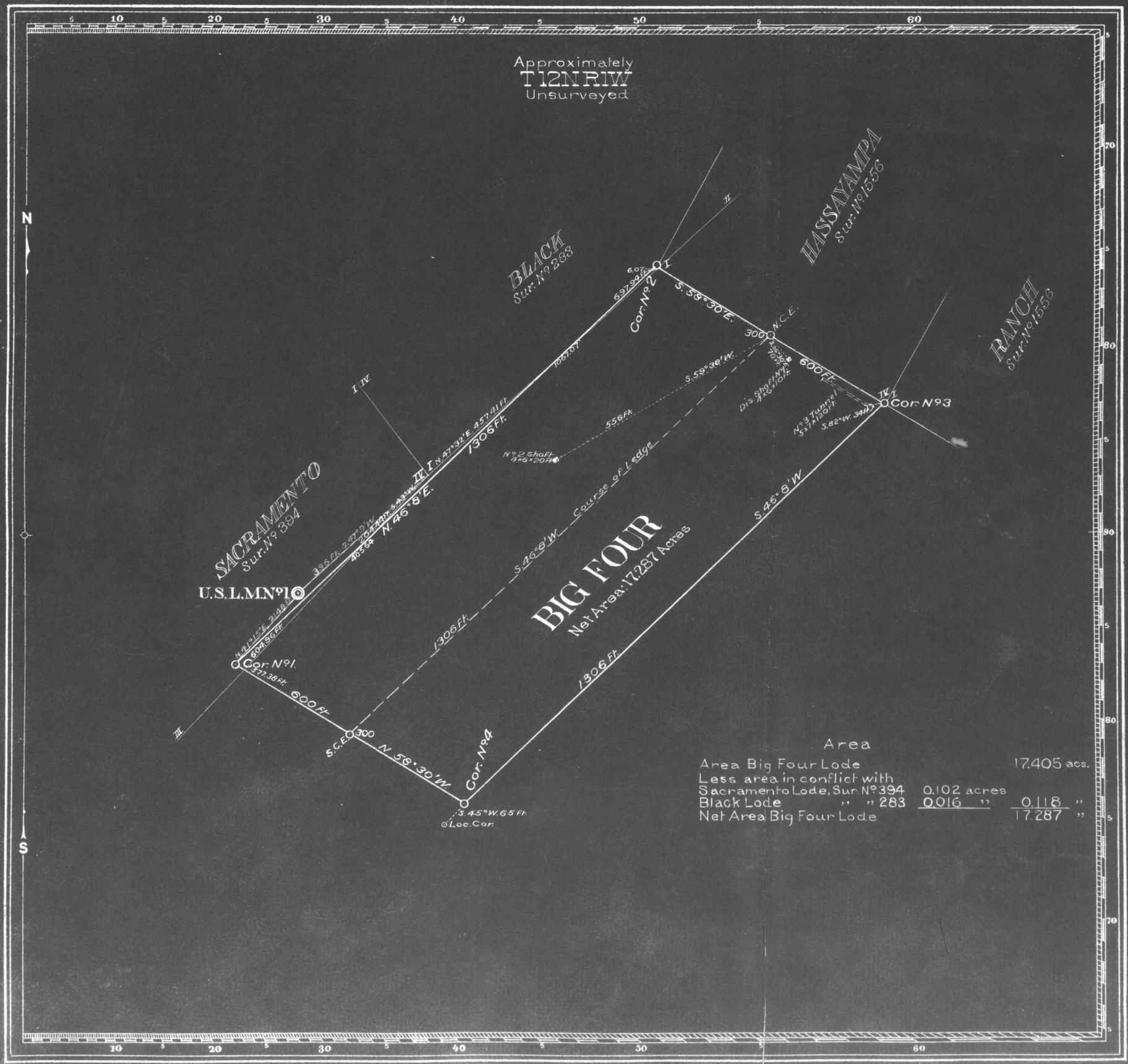
Storm Cloud





Plan New Work
Storm Cloud Mine
Aug. 21 1928
Scale 1" 40'

New York
1928



217

Claim Located amended December 21, 1901

Mineral Survey No 2401

L.O.T. No

Arizona Land District.

PLAT

OF THE CLAIM OF

A.E. Reynolds, F.A. Stevens and Will Wright

KNOWN AS THE

BIG FOUR

IN HASSAYAMPA MINING DISTRICT, YAVAPAI COUNTY, ARIZONA

Containing an Area of 17.287 Acres.

Scale of 200 Feet to the inch.

Variation 14°00'E.

SURVEYED April 27, 1907 BY William H. Merritt, U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of A.E. Reynolds, F.A. Stevens and Will Wright known as the

BIG FOUR

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 claimants or their grantors, and that said improvements consist of

2 Shafts and 1 Tunnel, value $1260.00

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.

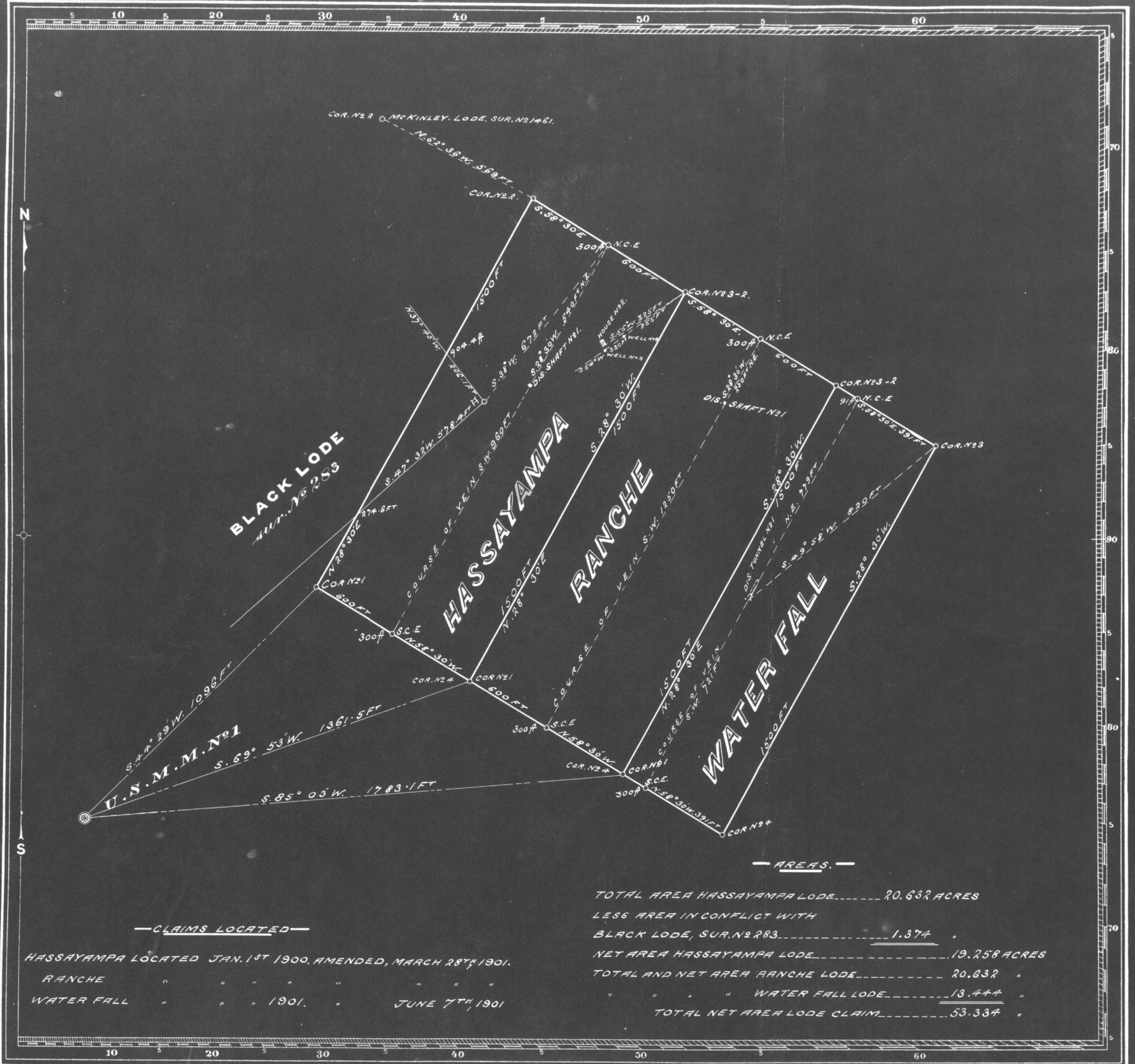
And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office Frank S. Ingalls

Phoenix, Arizona

July 30, 1907

U.S. Surveyor General for ARIZONA



— AREAS. —

TOTAL AREA HASSAYAMPA LODE	20.632 ACRES
LESS AREA IN CONFLICT WITH BLACK LODE, SUR. No 283	1.374 "
NET AREA HASSAYAMPA LODE	19.258 ACRES
TOTAL AND NET AREA RANCHE LODE	20.632 "
" " " " WATER FALL LODE	13.444 "
TOTAL NET AREA LODE CLAIM	53.334 "

— CLAIMS LOCATED —

HASSAYAMPA LOCATED JAN. 1ST 1900. AMENDED, MARCH 28TH, 1901.
RANCHE " " " " " " "
WATER FALL " " " 1901. " JUNE 7TH, 1901

Claim Located 190

146

Mineral Survey No 1556

L.O.T. No

Prescott Land District.

PLAT

OF THE CLAIM OF

Philip R. Stanhope

KNOWN AS THE

HASSAYAMPA RANCHE WATER FALL

IN Hassayampa MINING DISTRICT, Yavapai COUNTY, Arizona

Containing an Area of 53.334 Acres.

Scale of 300 Feet to the inch.

Mean Variation 12° 33' 45" E.

SURVEYED June 20th to 21st 1901 BY J. J. Fisher, U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of Philip R. Stanhope known as the HASSAYAMPA RANCHE WATER FALL

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 or for each of said Mining Claim by claimant or his grantors, and that said improvements consist of 2 shafts, 2 wells, 1 tunnel, etc

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

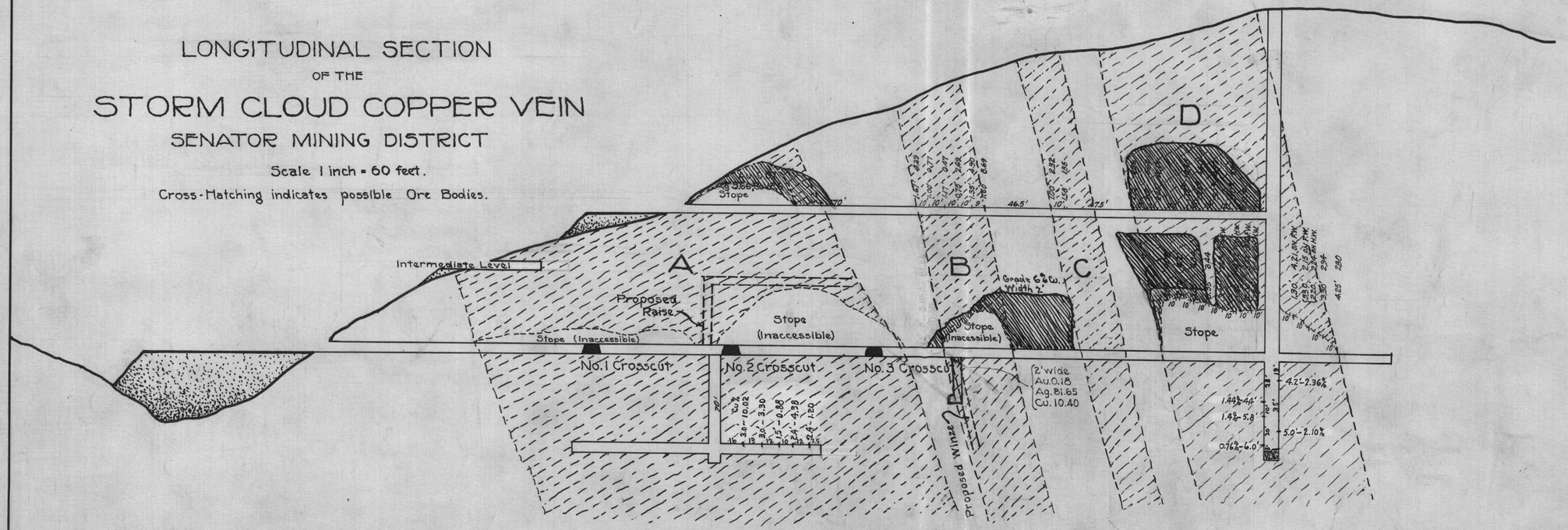
Tucson, Ariz. U.S. Surveyor General for

Oct. 26th, 1901 Arizona.

LONGITUDINAL SECTION
OF THE
STORM CLOUD COPPER VEIN
SENATOR MINING DISTRICT

Scale 1 inch = 60 feet.

Cross-Hatching indicates possible Ore Bodies.



Note: Heavy cross-hatching indicates stoping done by W. F. Grove and Son.

Date [redacted]

PLATE 2

D-38-6

~ PLAN ~
~ LONGITUDINAL SECTION ~
~ TRANSVERSE SECTION ~
STORM CLOUD MINE
SENATOR MINING DISTRICT
YAVAPAI COUNTY, ARIZONA
SURVEYED BY D.F.REED - CHECKED BY F.M.LEONARD, JR. - DRAWN BY D.F.REED.
SCALE 1" = 40'
DATE 12-22-26
D-38-5

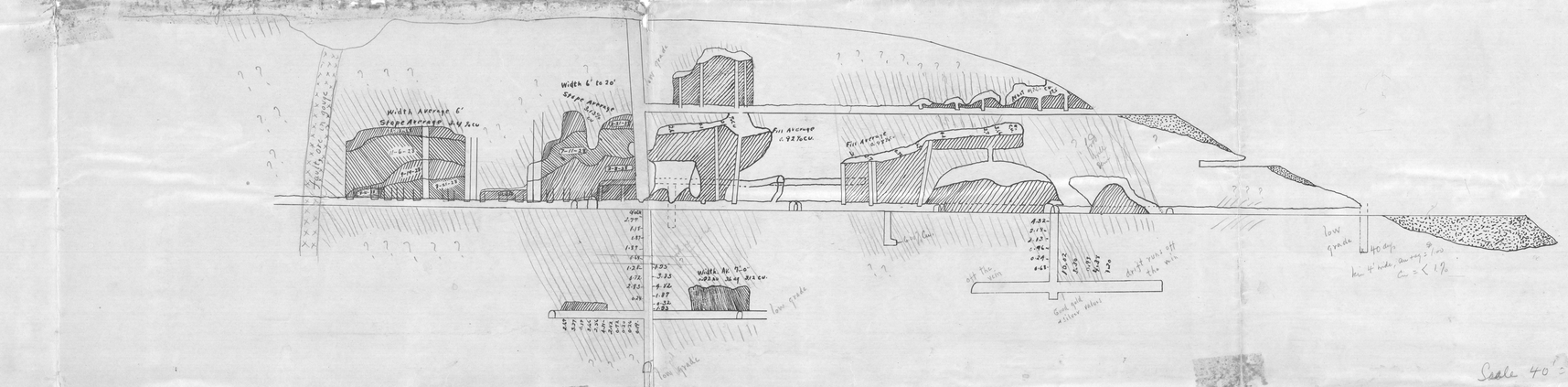
Copper Kiln

Underground Drag

Ship. Stores
Battery to mill

	$
Allow cost of mining & dresh	4.00
Mill in pogs (25 tons)	2.00
Smelt stores etc	2.00
	8.00
Royalty etc	1.00
	9.00
To amalgam plant & mill	3.00
	12.00

If we mill average



Scale 40' = 1"

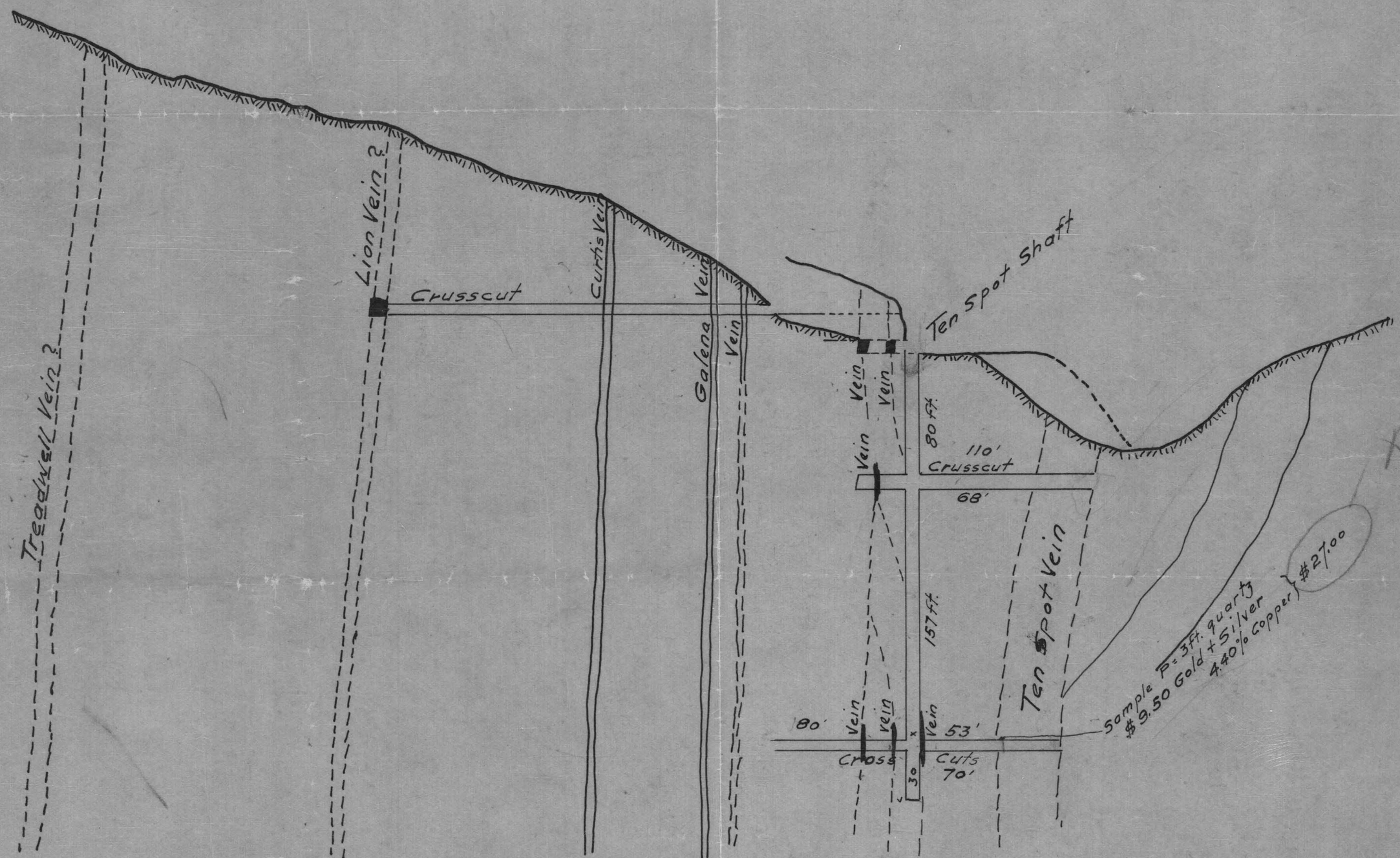
40' = 1"

Storm Cloud
Mine
Apl 29

Gold Stope Vein
Open Cut
Ounces Gold

CROSS-SECTION
AT
TEN SPOT SHAFT

Scale: 1" = 60'

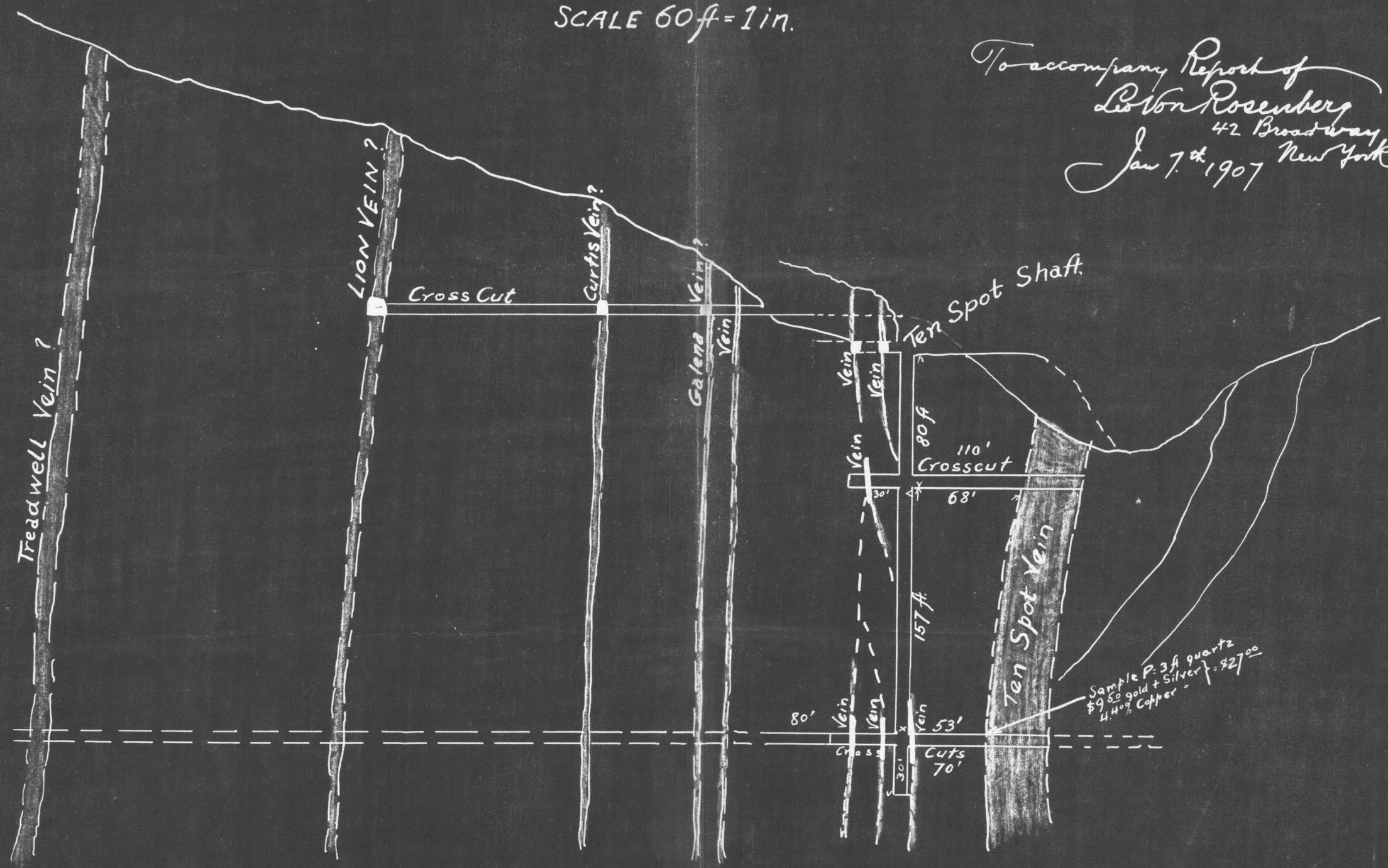


CROSS-SECTION AT TEN SPOT SHAFT

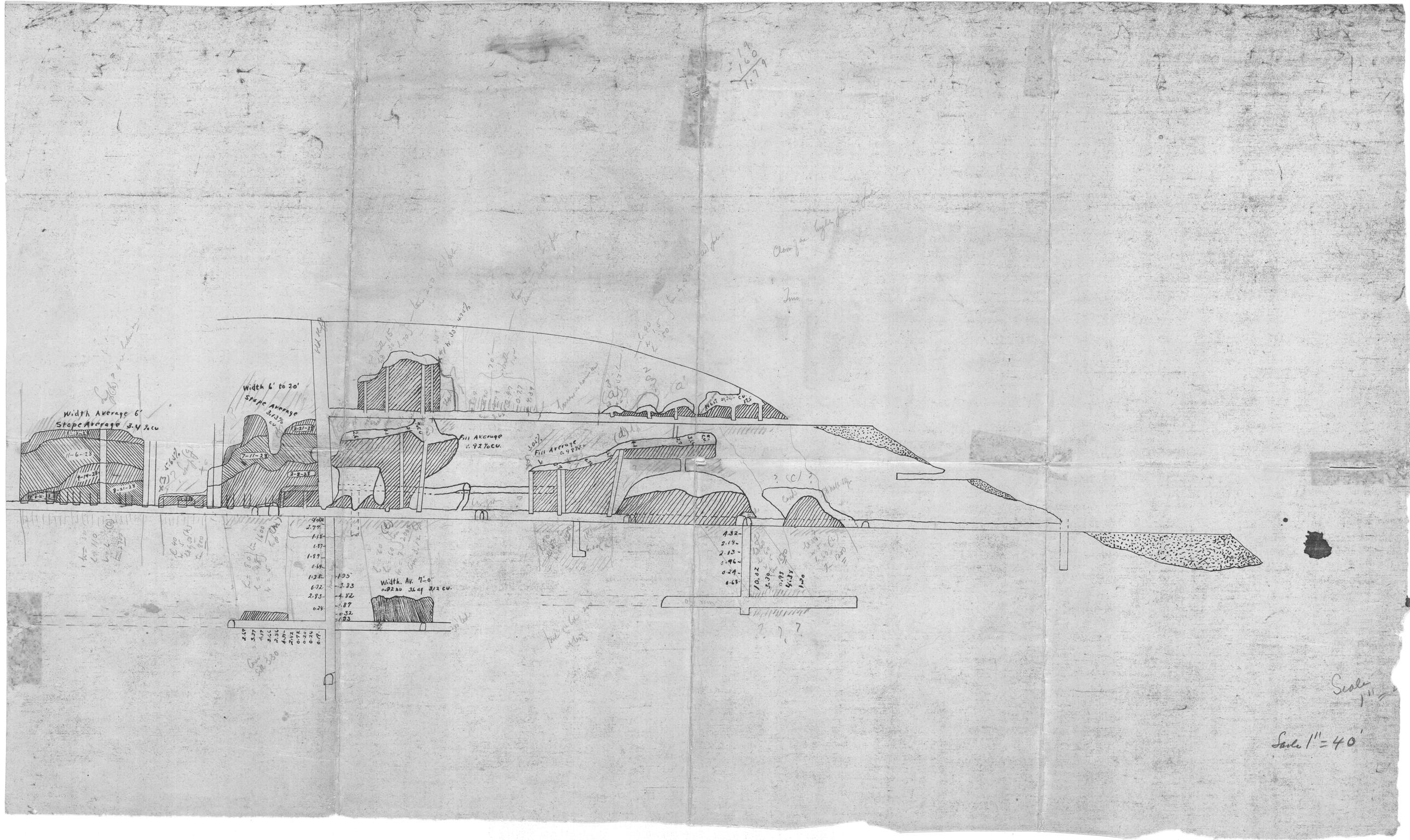
SHOWING ALSO THE "LION" CROSSCUT.

SCALE 60 ft = 1 in.

To accompany Report of
Leo Von Rosenberg
42 Broadway
New York
Jan 7th 1907



Ten Spot


Width Average 6'
Stope Average 3.4 % cu
Width 6' to 20'
Stope Average 3.13% cu
Fill Average 0.92 % cu.
Fill Average 0.98 % cu
Width. Av. 7'-0"
0.92 no 36 ag 3.12 cu.
Scale 1" = 40'

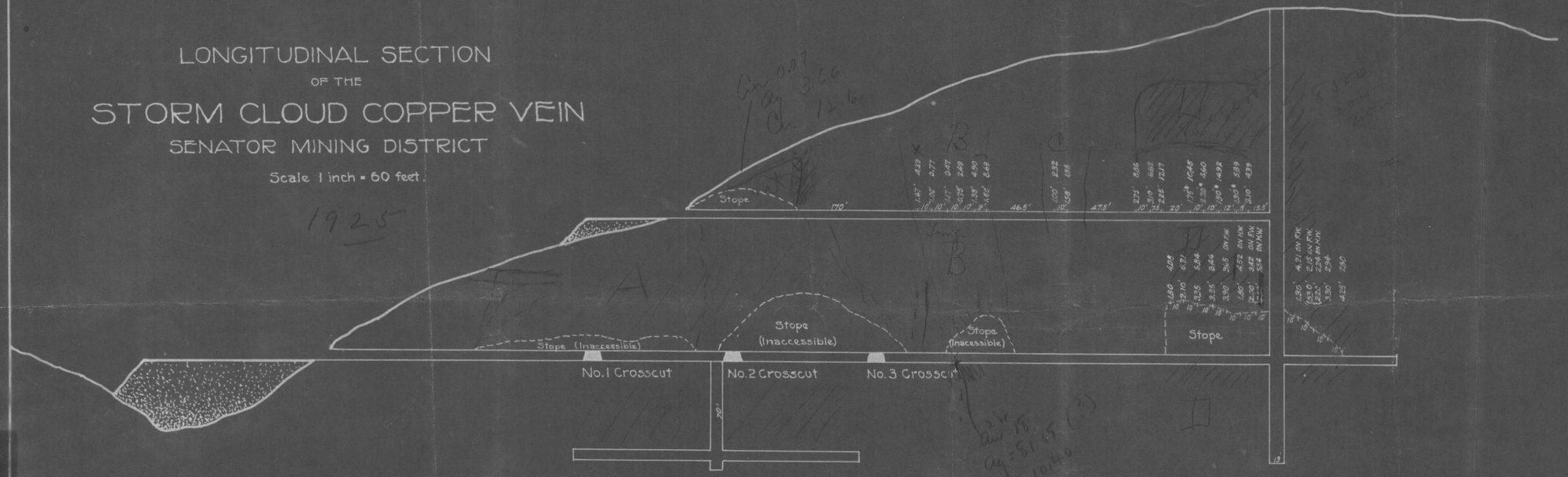
Storm Cloud
Mine Inbrings

Storm Cloud

LONGITUDINAL SECTION
OF THE
STORM CLOUD COPPER VEIN
SENATOR MINING DISTRICT

Scale 1 inch = 60 feet.

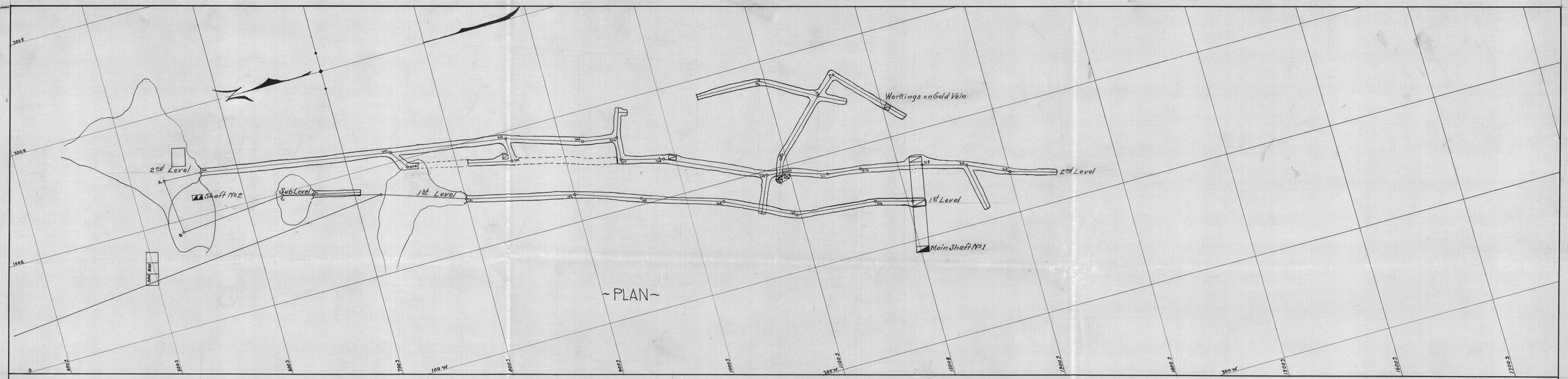
1925

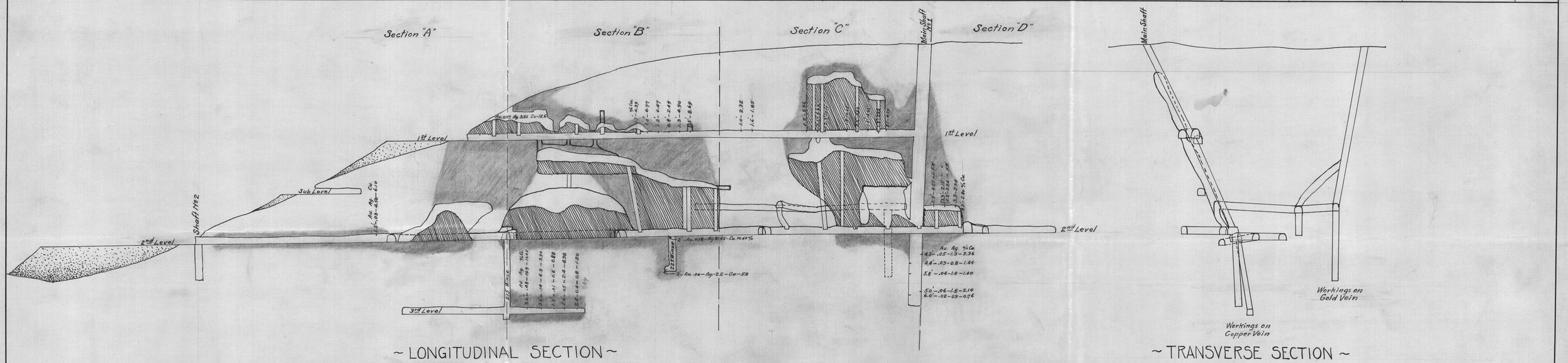


G M C

Section

1924





STORM CLOUD MINE

SENATOR MINING DISTRICT

YAVAPAI COUNTY, ARIZONA

SURVEYED BY D.F.REED - CHECKED BY F.M.LEONARD, JR. - DRAWN BY D.F.REED.

SCALE 1" = 40' DATE 12-22-26

D-38-5-

General Number 118

Lot No. 38

PLAT

of the

Storm Cloud

MINING CLAIM,

Situate in Hassayampa Mining District, County of Yavapai
and in Sec. ——, Tp. ——, R. —— Gila and Salt River Meridian,

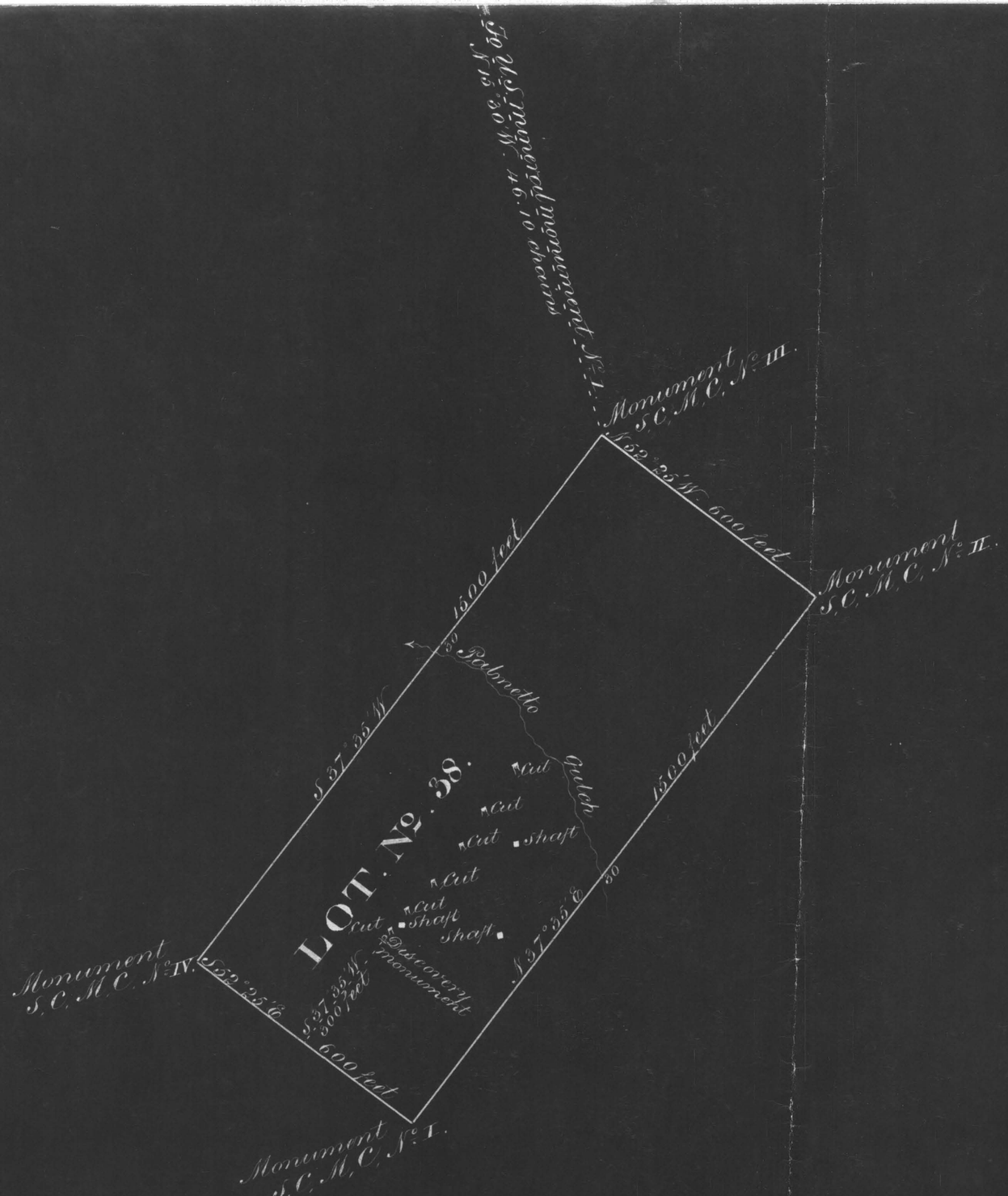
ARIZONA.

Claimed by Fred: W. Williams

Surveyed by C. B. Foster, U. S. ——, Deputy Surveyor.
August 16th, 1878

Containing 20 66/100 Acres.

Scale 264 feet —— to an inch.



The original field notes of the survey of the Storm Cloud mining claim from which this plat has been made, 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 Storm Cloud 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 and permanent monuments as will perpetuate and fix the locus thereof.

I further certify that the value of the labor and improvements upon said mining claim, placed thereon by the applicant and his grantors, is not less than five hundred dollars, and that said improvements consist of a Cut 3 x 6 x 4 feet

Shaft 14 x 8 x 5 feet Cut 5 x 8 x 8 "
Shaft 25 x 8 x 4 " Cut 6 x 12 x 8 "
Shaft 45 x 8 x 5 " Cut 5 x 10 x 8 "
Cut 6 x 6 x 4 " Cut 6 x 16 x 8 "

And I further certify that this is a correct plat of said Storm Cloud mining claim or premises, made in conformity with said original field-notes of survey thereof.

John Wasson
Surveyor-General.

U. S. Surveyor-General's Office,
Tucson, Arizona, August 30th, 1878

Total area Bugle Lode		2.324		Acs.
Less area in conflict with Lion, this survey	0.007			
" " " " Senator, Lot No 39	0.466	0.473		
Net area Bugle Lode			1.851	
Total area Fraction Lode		2.266		
Less area in conflict with Lion, this survey	0.022			
" " " " Millsite, sur. No 902	0.550			
" " " " Senator, Lot No 39	0.063	0.635		
Net area Fraction Lode			1.631	
Total area Lion Lode		13.160		
Less area in conflict with H.T. Glenn, sur. No 901	0.628			
" " " " Paw Paw, Sur. No 1320	0.049			
" " " " McCleur, " " 1625	0.865	1.542		
Net area Lion Lode			11.618	
Total area Johnny Lode		20.395		
Less area in conflict with Hoot Owl, this Survey	1.879			
" " " " Lion " "	0.001			
" " " " Paw Paw, Sur. No 1320	0.065	1.945		
Net area Johnny Lode			18.450	
Total area Betsey Ann Lode		7.162		
Less area in conflict with De Vernon, Lot No 45		3.999		
Net area Betsey Ann Lode			3.163	
Total area Palmetto Lode		7.835		
Less area in conflict with Storm Cloud, Lot No 38		0.082		
Net area Palmetto Lode			7.753	
Total area Ginger Lode		20.225		
Less area in conflict with Hoot Owl, this survey	2.340			
" " " " Parintha, " "	3.015	5.355		
Net area Ginger Lode			14.870	

— Claims Located —

Palmetto	Located	May 18th 1885
Lion,	"	Jan. 1st 1886
St Cloud	"	" 3rd 1887
Fraction	"	" 1st 1890
Abbie	"	" " "
Parintha	"	" " "
Trapezoid	"	" " "
Hoot Owl	"	" " 1891
Ginger	"	" " 1892
Johnny	"	" " "
Bugle	"	Feb. 7th 1894
Betsey Ann	"	June 19th 1895

Claim Located 190 179

Mineral Survey No 1660

Lot No

Prescott Land District.

PLAT

OF THE CLAIM OF

Fred. W. Williams & Abbie Williams

KNOWN AS THE

Palmetto, Lion, St Cloud, Fraction, Abbie, Parintha, Trapezoid, Hoot Owl, Ginger, Johnny, Bugle, & Betsey Ann

IN HASSAYAMPA MINING DISTRICT, YAVAPAI COUNTY, ARIZONA

Containing an Area of 151.663 Acres.

Scale of 400 Feet to the inch.

Variation 14 E.

SURVEYED APRIL 26-MAY 7 1902 BY

A.B. Mader U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of Fred. W. Williams & Abbie Williams known as the Palmetto, Lion, St Cloud, Fraction, Abbie, Parintha, Trapezoid, Hoot Owl, Ginger, Johnny, Bugle, and Betsey Ann

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 or for each of said Mining Claim by claimant or their grantors, and that said improvements consist of 18 shafts, 11 cuts, 3 tunnels, 1 stamp mill, road etc.

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. Frank S. Ingalls

Phoenix, Ariz. U.S. Surveyor General for

March 29, 1904. ARIZONA