

MS -

0

2

1

7

0

(4-683.)

OCT 10 1905 1

*Corrected by J. A. H.
OCT 17 1905*

Mineral Survey No. 2170.

Lot No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

J. V. Smale.

KNOWN AS THE

Scotchman, Big Swede, Sybil H., Helen B., Adole M., H.E.M.,

Ethel, Clerma E., and Teddy R.. Plomosa Mining District,

Yuma County, Arizona.

Section Approximately Township 7. N., Range 19 W. Unsurveyed.

Surveyed under instructions dated September 20th 1905

by William H. Elliott.

U. S. Deputy Mineral Surveyor

Claim located see location notices, 1

Survey commenced September 30th. 1905, 1

Survey completed October 3rd. 1905 1

6-171

Christy and Lewis, Attys.

Phoenix Arizona.

*7. N. 19. W.
see
notes*

*See corner stones
See Improvements*

Survey NO. 2170.

Feet.	Scotchman Lode.
	Beginning at Cor. #1 a granite stone 24 by 12 by 8 inches set 16 inches in the ground with mound of stone 3 ft. base and 3 ft. high alongside, chiseled 2170-S.1- from which U.S.L.M. #2170 bears S.6°09'E. 2986.09ft. No other bearings available.
	Thence N61°43' E.
300.00	To southerly end centre. A mound of stone 3 ft. base and 3 ft. high.
600.00	To corner NO.2. a Porphyry stone 24 by 12 by 10 inches set 14 inches in the ground with mound of stone 3 ft. base and 3 ft. high alongside, chiseled 2170-S.2, from which an ironwood tree 30 inches in diameter scribed 2170 S. 2. B.T. bears S.16° W. -7.4 ft. No other bearings available.
	Thence N.28°17'W.
1500.00	To Cor. #3, A granite stone 24 by 12 by 8 inches, set 16 inches in the ground with mound of stone 3 ft. base and 3 ft. high, alongside, chiseled 2170-S.3. No bearings available.
	Thence S.61°43'W.
300.00	To northerly end centre, a mound of stone, 3 ft. base and 3 ft. high.
600.00	To Cor. #4, a diorite stone, 24 by 15 by 10 ins. set 16 ins. in ground, with mound of stone 3 ft. base and 3 ft. high alongside, chiseled 2170-S.4. No bearings available.
	Thence S.28°17'E.
1500.00	To Cor. #1, the place of beginning. Variation at all corners 14°30' East. All corners identical with corners of location.
	Big Sweed Lode.
	Beginning at Cor. NO.1, a schist stone 24 by 12 by 8 inches set 14 ins. in ground with mound of stone 3 ft. base and 3 ft. high alongside, chiseled 2170B.S.1 from which U.S.L.M. #2170 bears S.6°42'E. 2529.43 ft. No other bearings available.
	Thence N.28°17'W.
300.00	To westerly end centre, a mound of stone 3 ft. base and 3 ft. high.
600.00	To Cor. #2, a schist stone 20 by 10 by 5 ins. set 14 ins. in ground chiseled 2170B.S.2- with mound of stone alongside, 3 ft. base and 3 ft. high. No bearings available.
	Thence N.61°43'E.
268.00	To Cor. #1, Scotchman Lode, this survey.
869.0	To Cor. #2 Scotchman Lode, this survey.
1500.00	To Cor. #3, A schist stone 24 by 10 by 6 ins. set 12 ins. in ground chiseled 2170-B.S.3, with mound of stone 3 ft. base and 3 ft. high, alongside. No bearings available.
	Thence S.28°17' E.
300.0	To easterly end centre of lode, a mound of stone 3 ft. base and 3 ft. high.
600.0	To Cor. #4 a schist stone 24 by 7 by 5 ins. set 14 ins. in ground, chiseled 2170 B.S.4, with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
	Thence S.61°43'W.
1500.00	To Cor. #1, the place of beginning. Variation at all corners 14°30' East. All corners identical with corners of location.

- Beginning at Cor. #1, a granite stone 24 by 12 by 8 ins. set 16 ins. in ground chiseled 2170 S.H.1. with mound of stone 3 ft. base and 3 ft. high alongside, from which U.S.L.M. #2170 bears S.29°50'E. 2767.02 ft. No other bearings available.
Thence N.28°17'W.
- 1500.0 To Cor. #2, a granite stone 24 by 12 by 7 ins. set 16 ins. in ground chiseled 2170 S.H.2. with mound of stone 3 ft. base and 3 ft. high, alongside. No bearings available.
Thence N.61°43'E.
- 300.0 To northerly end centre of lode, a mound of stone 3 ft. base and 3 ft. high.
- 600.0 To Cor. #3, a schist stone 24 by 8 by 6 ins. set 16 ins. in ground chiseled 2170 S.H.3. with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence S.28°17'E.
- 1500.0 To Cor. #4, a granite stone 24 by 10 by 8 ins. set 16 ins. in ground with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence S.61°43'W.
- 300.0 To ^{southly} end centre of lode, a mound of stone 3 ft. base and 3 ft. high.
- 600.0 to Cor. #1, the place of beginning.
All corners identical with corners of location.
Variation at all corners 14°30' East.

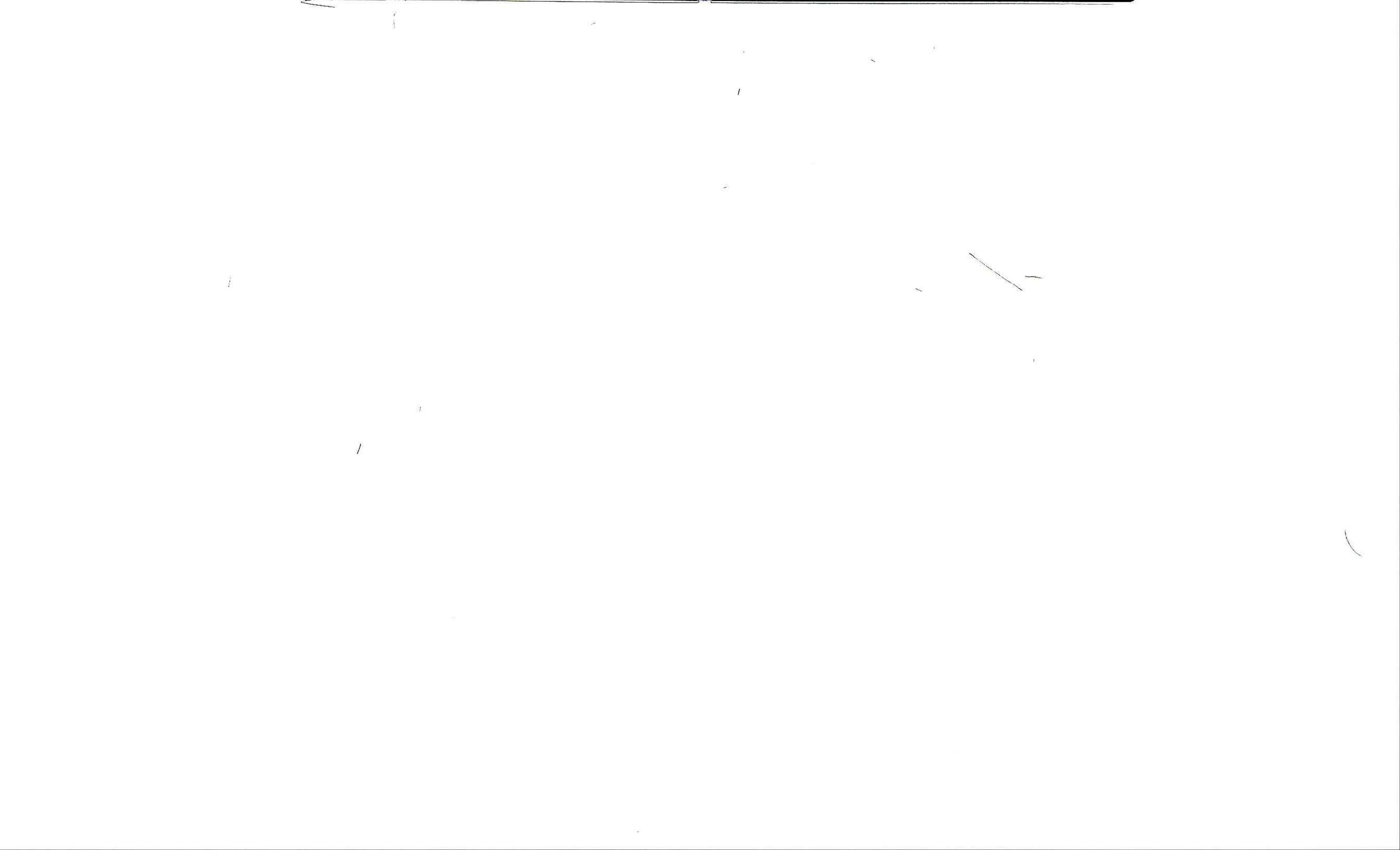
Helen B. Lode.

- Beginning at Cor. #1, a schist stone 24 by 10 by 6 ins. set 12 ins. in ground chiseled 2170 H.B.1. with mound of stone 3 ft. base and 3 ft. high, alongside. U.S.L.M. 2170 bears S.44°49'E. 2859.34 ft. No other bearings available.
Thence N.28°17'W.
- 300.0 To westerly end centre of lode, a mound of stone, 3 ft. base and 3 ft. high.
- 600.0 To Cor. #2, a schist stone 24 by 12 by 8 ins. set 14 ins. in ground chiseled 2170 H.B.2. with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence N.61°43'E.
- 568.0 To Cor. #1, Sybil H. Lode this survey.
- 1168.0 To Cor. #4, Sybil H. Lode, this survey.
- 1500.0 To Cor. #3, identical with Cor. #2, Big Swede Lode this survey a schist stone 24 by 10 by 5 ins. set 14 ins. in ground chiseled 2170 ~~S.H.3~~, H.B.3. with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence S.28°17'E.
- 300.0 To easterly end centre of lode, identical with westerly end centre of Big Swede Lode, this survey, a mound of stone 3 ft. base and 3 ft. high.
- 600.0 To Cor. #4, identical with Cor. #1, Big Swede Lode this survey, a schist stone 24 by 12 by 8 ins. set 14 ins. in ground, chiseled 2170 ~~S.H.4~~. H.B.4. with mound of stone 3 ft. base and 3 ft. high, alongside.
~~U.S.L.M. #2170, bears S.6°42'E. 2329.47 ft. No other bearings available.~~
Thence S.61°43'W.
- 1500.0 To Cor. #1, the place of beginning.
All corners identical with corners of location.
Variation at all corners 14°30' East.

Adele M. Lode.

- Beginning at Cor. #1, a schist stone 26 by 12 by 10 ins. set 16 ins. in ground chiseled 2170 A.M.1. with mound of stone 3 ft. base and 3 ft. high alongside. U.S.L.M. #2170, bears S.8°38'W. 832.97 ft. No other bearings available.
Thence N.28°17'W.
- 1500.0 To Cor. #2, on line 4-I, Helen B. Lode, this survey, a schist stone 24 by 10 by 8 ins. set 14 ins. in ground chiseled

- 2170 A.M.2, with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence N. 61° 43' E.
- 290.00 To northerly end centre of lode, a mound of stone, 3 ft. base and 3 ft. high.
- 357.00 To Cor. 4-I, Helen B. and Big Swede Lodes this survey.
- 590.00 To Cor. #5, a schist stone 24 by 10 by 6 ins. set 12 ins. in ground chiseled 2170 A.M.3- with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence S. 28° 17' E.
- 1500.00 To Cor. #4, a schist stone 24 by 8 by 6 ins. set 16 ins. in ground chiseled 2170 A.M.4, with mound of stone 3 ft. base and 3 ft. high, alongside. No bearings available.
Thence S. 61° 43' W.
- 300.00 To southerly end centre of lode, a mound of stone 3 ft. base and 3 ft. high.
- 590.00 To COR. #1, the place of beginning. All corners identical with corners of location.
Variation at all corners 14° 30' East.
H.E.M. Lode.
Beginning at Cor. #1, a schist stone 24 by 10 by 8 ins. set 14 ins. in ground chiseled 2170 H.E.M.1, with mound of stone 3 ft. base and 3 ft. high alongside. U.S.L.M. #2170, bears S. 31° 57' E. 667.35 ft. No other bearings available.
Thence N. 61° 43' E.
- 300.00 To southerly end centre of lode, a mound of stone 3 ft. base and 3 ft. high.
- 545.00 To Cor. #2, identical with Cor. #1 Adele M. Lode this survey- a schist stone 26 by 12 by 10 ins. set 16 ins. in ground chiseled 2170-~~A. H. E. H. B. M. 2~~, with mound of stone 3 ft. base and 3 ft. high alongside. U.S.L.M. #2170 bears ~~S. 3° 28' W. 870.94 ft.~~ No other bearings available.
Thence N. 28° 17' W.
- 1500.00 To Cor. #3, identical with Cor. #2, Adele M. Lode, this survey, and on line 4-I Helen B. Lode, this survey, - a schist stone 24 by 10 by 8 ins. set 14 ins. in ground chiseled 2170-~~H. B. H. E. M. 3~~, with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence S. 61° 43' W.
- 243.00 To northerly end centre of lode, a mound of stone 3 ft. base and 3 ft. high.
- 545.00 To Cor. #4, a schist stone 24 by 10 by 6 ins. set 14 ins. in ground chiseled 2170 H.E.M.4, with mound of stone 3 ft. base and 3 ft. high alongside.
Thence S. 28° 17' E.
- 1500.0 To Cor. #1, the place of beginning. All corners identical with corners of location.
Variation at all corners 14° 30' East.
Ethel Lode.
Beginning at Cor. #1, a schist stone 24 by 10 by 8 ins. set 14 ins. in ground chiseled 2170-E.1, with mound of stone 3 ft. base and 3 ft. high alongside. U.S.L.M. #2170 bears S 25° 56' E. 666.52 ft. No other bearings available.
Thence S. 61° 43' W.
- 70.00 To Cor. #1, H.E.M. Lode, this survey.
- 300.00 To northerly end centre of lode, a mound of stone 3 ft. base and 3 ft. high.
- 600.00 To Cor. #2- a schist stone 24 by 10 by 6 ins. set 14 ins. in ground chiseled 2170 E.2, with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence S 28° 17' E.
- 1500.0 To Cor. #3- a lime stone 24 by 12 by 10 ins. set 12 ins. in ground, chiseled 2170-E.3- with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence N 61° 43' E.
- 300.00 To southerly end centre of lode, a mound of stone 3 ft. base and 3 ft. high.



600.00 To Cor. #4, a schist stone ~~24~~ by 12 by 10 ins. set 12 ins. in ground chiseled 2170-114, with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence N28° 17' W.

I500.00 To Cor. #1, the place of beginning.
All corners identical with corners of location.
Variation at all corners 14° 30' East.

Clemma E. Lode.

Beginning at Cor. #1, identical with Cor. #1, H.E.M. Lode this survey - a schist stone 24 by 10 by 8 ins. set 14 ins. in ground chiseled 2170-H.E.M.I-C.E.I, with mound of stone 3 ft. base and 3 ft. high, alongside. U.S.L.M. #2170 bears S.31° 57' E. 667.33 ft. No other bearings available.
Thence S.61° 43' W.

300.00 To ~~nor~~^{sou}therly end centre of lode, a mound of stone 3 ft. base and 3 ft. high.

530.00 To cor. #2 Ethel lode this survey.

600.00 To cor. #2, - a schist stone 24 by 10 by 8 ins. set 14 ins. in ground chiseled 2170-C.E.2, with mound of stone 3 ft. base and 3 ft. high, alongside. No bearings available.
Thence N.28° 17' W.

I500.00 To Cor. #3, identical with Cor. #1, Helen B. lode, this survey, a schist stone 24 by 10 by 6 ins. set 12 ins. in ground chiseled 2170-~~H.E.M.I~~, C.E.3, with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence N61° 43' E.

300.00 To northerly end centre of Lode a mound of stone 3 ft. base and 3 ft. high.

600.00 To Cor. #4, identical with Cor. #4, H.E.M. Lode this survey, A schist stone 24 by 10 by 6 ins. set 14 ins. in ground chiseled 2170 ~~H.E.M.I~~, C.E.4, with mound of stone 3 ft. base and 3 ft. high alongside.
No bearings available.
Thence S.28° 17' E.

I500.00 To Cor. #1, the place of beginning.
All corners identical with corners of location.
Variation at all corners 14° 30' East.

Teddy R. Lode.

Beginning at Cor. #1, identical with Cor. #4, Sybil H. Lode, this survey, a granite stone 24 by 10 by 8 ins. set 16 ins. in ground chiseled 2170 ~~H.E.M.I~~, T.R.1, with mound of stone 3 ft. base and 3 ft. high alongside. U.S.L.M. #2170 bears S.17° 32' E. 2815.42 ft. No other bearings available.
Thence N61° 43' E.

300.00 To southerly end centre of lode a mound of stone 3 ft. base and 3 ft. high. *a Helen B.*

332.00 To Cor. ~~2~~ ³ Big Swede lodes this survey.

600.00 To Cor. #2 - identical with Cor. #1, Scotchman Lode, this survey a granite stone 24 by 12 by 8 ins. set 16 ins. in ground chiseled 2170 T.R.2, ~~S.I~~ with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence N.28° 17' W.

I500.00 To Cor. #3, identical with Cor. #4, Scotchman lode this survey, a diorite stone 24 by 15 by 10 ins. set 16 ins. in ground chiseled 2170 ~~H.E.M.I~~, T.R.3 with mound of stone 3 ft. base and 3 ft. high, alongside. No bearings available.
Thence S.61° 43' W.

300.00 To northerly end centre of lode a mound of stone 3 ft. base and 3 ft. high.

600.00 To Cor. #4, identical with Cor. #3, Sybil H. Lode this survey A schist stone 24 by 8 by 6 ins. set 16 ins. in ground chiseled 2170 ~~H.E.M.I~~, T.R.4, with mound of stone 3 ft. base and 3 ft. high alongside. No bearings available.
Thence S.28° 17' E.

I500.00 To Cor. #1, the place of beginning.
*All corners identical with corners of location.
Variation at all corners. 14° 30' East.*

X

X

X

X

X

X

X

24

Adjoining Claims.

The Dutchman Lode unsurveyed joins the Adele M. Lode on the east, and is owned by Bouse and Mc.Mahon.

The Dutchman Lode unsurveyed and owned by Bouse and Mc.Mahon and the Fatima, unsurveyed, owned unknown joins the Big Swede on the south. No other known claims adjoining.

Areas.

Total and net area of	Scotchman Lode,	-----	20.661	Acres.
" " " "	" Big Swede	" - - -	20.661	"
" " " "	" Sybil H.	" - - -	20.661	"
" " " "	" Helen B.	" - - -	20.661	"
" " " "	" Adele M.	" - - -	20.317	"
" " " "	" H.E.M.	" - - -	18.698	"
" " " "	" Ethel	- - - "	20.661	"
" " " "	" Clerna E.	- - - "	20.661	"
" " " "	" Teddy R.	" - - -	20.661	"
Total and net area of claim,	- - - - -	- - - - -	163.642	Acres.

Lode Lines.

Scotchman Lode. The presumed course of lode line is N.28°17'W. 200.00 ft. and S.28°17'E. 1300.00 ft. from discovery shaft.

Big Swede Lode. The presumed course of lode line is S.61°43'W. 350 ft. and N.61°43'E. 1150.00 ft. from discovery shaft.

Sybil H. Lode. The presumed course of lode line is S.28°17'E. 60. ft. and N.28°17'W. 1440.00 ft. from discovery shaft.

Helen B. Lode. The presumed course of lode line is S.61°43'W. 175.00 ft. and N.61°43'E. 1325.00 ft. from discovery shaft.

Adele M. Lode. The presumed course of lode line is N.28°17'W. 400.00 ft. and S.28°17'E. 1100.00 ft. from discovery shaft.

H. E. M. Lode. The presumed course of lode line is N.28°17'W. 570.00 ft. and S.28°17'E. 930.00 ft. from discovery shaft.

Ethel Lode. The presumed course of lode line is N.28°17'W. 370.00 ft. and S.28°17'E. 1130.00 ft. from discovery cut.

Clerna E. Lode. The presumed course of lode line is N.28°17'W. 450.00 ft. and S.28°17'E. 1050.00 ft. from discovery cut.

Teddy R. Lode. The presumed course of lode line is S.28°17'E. 25.00 ft. and N.28°17'W. 1475 ft. from discovery shaft.

Location.

This claim is located on unsurveyed public land in Yuma County Arizona, approximately in Tp. 7N. R. 19W. G.&S.R. B.&M. in Plomosa mining district.

Expenditures.

I hereby certify that the value of the labor and improvements upon the claims embraced in this survey, placed thereon by claimant or its grantors is not less than \$500.00 for each location embraced in survey, and that said improvements consist of:

- Scotchman Lode.-
- NO. 1. Discovery shaft 6 X 4 X 10 ft. deep in rock which bears from northerly end centre of lode S.28°17'E. 200.00ft.
Value - - - - - \$100.00
 - NO. 2. A shaft 6 X 4 X 10 ft. deep, in rock, which bears from Northerly end centre of lode S.16°15'E. 2915 ft.
Value - - - - - \$100.00

		Amt. of improvements	\$200.00
		Amount applied from H.E.M. Lode.	300.00
		Total value of improvements	\$500.00
		<u>Big Swede Lode.</u>	
NO. I.	Discovery shaft, 6 X 4 X 10 ft. deep, in rock, which bears from westerly end centre of lode N.61°43'E. 350.00 ft.	Value	\$100.00
	Amount applied from H.E.M. Lode,		400.00
	Total value of improvements		\$500.00
		<u>Sybil H. Lode.</u>	
NO. I.	Discovery shaft 6 X 4 X 10 ft. deep, in rock, which bears from southerly end centre of lode N.28°17'W. 60.0 ft.	Value	\$100.00
	Amount applied from H.E.M. Lode.		400.00
	Total value of improvements,		\$500.00
		<u>Helen B. Lode.</u>	
NO. I.	Discovery shaft, 6 X 4 X 10 ft. deep, in rock, which bears from westerly end centre of lode N.61°43'E. 175 ft.	Value	\$100.00
	Amount applied from H.E.M. Lode		400.00
	Total value of improvements,		\$500.00
		<u>Adele M. Lode.</u>	
NO. I	Discovery shaft 6 X 4 X 10 ft. deep, in rock, which bears from northerly end centre of lode S.28°17'E. 400.00ft.	Value	\$100.00
NO. 2	A shaft 6 X 4 X 10 ft. deep, in rock, which bears from Cor. #2 S.46°50'E. 500.00 ft.	Value	\$100.00
NO. 3.	A shaft 6 X 4 X 10 ft. deep, in rock, which bears from Cor. #2, S.34°30'E. 645.00 ft.	Value	\$80.00
NO. 4.	A shaft 6 X 4 X 10 ft. deep in rock, which bears from Cor. #2 S.36°15'E. 655.00 ft.	Value	\$100.00
NO. 5.	A shaft 6 X 4 X 5 ft. deep, in rock, which bears from Cor. #2 S.34°15'E. 710.0 ft.	Value	\$40.00
NO. 6.	A shaft 6 X 4 X 10 ft. deep, in rock, which bears from Cor. #2 S.30°45'E. 750.00 ft.	Value	\$100.00
	Total value of improvements,		\$520.00
		<u>H. E. M. Lode.</u>	
NO. I.	Discovery shaft 6 X 4 X 10 ft. deep, in rock, which bears from northerly end centre of lode S.28°17'E. 570.00 ft.	Value	\$100.00
NO. 2.	A shaft which bears from northerly end centre S.37°E. 590.00 ft. 8 X 5 ft. X 121 ft. deep in rock, - at 26 ft. are two drifts, one running N.78°E. 53 ft. at 10 ft. on this drift is a cross cut, course S.2°30'W. 18 ft. The other drift runs S.78°W. 96 ft. at 15 ft. a cross cut, course S.12° E. 30 ft. and at 90 ft. a cross cut, course N.12°W. 5 ft. Total drifts-202 ft.	Value of shaft,	\$2420.00
		" " drifts,	3030.00
NO. 3.	A shaft 6 X 4 10 ft. deep, in rock, which bears from northerly end centre of lode S.8°45'E. 540 ft.	Value	\$100.00
NO. 4.	A shaft 6 X 4 X 10 ft. deep in rock, which bears from northerly end centre of lode S.7°15'E. 560 ft.	Value	\$100.00
NO. 5.	A tunnel which bears from Cor. #2, N.79°15'W. 180 ft. and is 4 ft. wide 6½ ft. high and 20 ft. long with 20 ft. of approach. Course of Tunnel N.45°W.	Value	\$200.00
	Total value of improvements		\$5250.00
	" amount applied to other lodes		2250.00
	" net value of improvements		\$3000.00

2300.
3650

Note:

As the work progresses, the Company expects to use shaft NO. 2. H.E.H. Lode, as their main working shaft as the ore can be handled advantageously through same. The Cross cut on course of S. 12° E. 30 ft. when continued will open up the Ethel Lode and the other cross cut will open the Helen B., Big Swede, Sybil H., Teddy R., and Scotchman, Lodes.

Apply \$⁴⁰⁰~~350~~.00 from the cross cut on course of 12° E. 30 ft to Ethel Lode.

Apply \$400.00 from shaft to Helen B. Lode.

" \$400.00 " " " Sybil H. "

" \$200.00 from shaft and \$200.0 from drift N. 78° E. 53 ft. to Teddy R. Lode.

Apply \$200.00 from drift N. 78° E. 53 ft. and \$100.00 from shaft to Scotchman Lode.

Apply \$200.00 from drift N. 78° E. 53 ft. and \$200.00 from shaft to Big Swede Lode.

Ethel Lode.
 NO.1. Discovery cut which bears from northerly end centre of lode S.28°17'E. 370 ft. and is 4 ft. wide 20 ft. long and 10 ft. face, course of cut S.20°W.
 Value - - - - - \$100.00
 Amount applied from H.E.M. Lode, - - - - - 400.00
 Total value of improvements - - - - - \$500.00

Clenna E. Lode.
 NO.1. Discovery cut which bears from northerly end centre of lode, S.28°17'E. 450 ft. and is 5 ft. wide 16 ft. long and 11 ft. face, course of cut N.45°W.
 Value - - - - - \$125.00
 NO.2. A shaft 4 X 6 X 10 ft. deep, in rock, which bears from northerly end centre of lode S.48°30'E. 283 ft.
 Value - - - - - \$100.00
 NO.3. A cut which bears from northerly end centre of lode S.60°E. 376 ft. and is 3 ft. wide 7 ft. deep and 12 ft. long. Course S.50°E.
 Value - - - - - \$75.00
 NO.4. A shaft 6 X 4 X 10 ft. deep, in rock which bears from northerly end centre S.49°E. 315 ft.
 Value - - - - - \$125.00
 NO.5. A shaft 6 X 4 X 10 ft. deep, in rock, which bears from northerly end centre S.60°E. 116 ft.
 Value - - - - - \$100.00
 Total value of improvements - - - - - \$525.00

Teddy R. Lode
 NO.1. Discovery shaft which bears from southerly end centre N.28°17'W. 25 ft., shaft 6x4x10 ft.
 Value - - - - - \$100.00
 Amount applied from H.E.M. Lode. - - - - - 400.00
 Total value of improvements, - - - - - \$500.00

Instrument.

This survey was made with a Stackpole and Bros. Transit NO. 1269. The course was deflected from the true meridian as determined by direct ^{star} observation checked by an observation on Polaris. ^{steel}
 The measurements were made with a 100 ft. ^{steel} tape and a 300 ft. steel tape.
 On the evening of October 1st. 1905 at 6:30 P.M. L.M.T. I set transit over point and observe Polaris, following it to its eastern elongation. I set point on this line and at daylight turn an angle of 1°27' left for true meridian. By transit line with angles I connect this line with U.S.L.M. #2170, and check solar observation which I find to be correct.

There being no U.S.L.M. or corner of Government survey within 2 miles of claim, I locate U.S.L.M. on top of the most prominent peak in the vicinity.

A desert willow post 6 ins. square and 6 ft. long, set in mound of stone 6 ft. base and 5 ft. high.

A cross chiseled on rock in place, the exposed face of which is 3 X 4 ft., on which is chiseled U.S.L.M. 2170 B.R. bears S. 33° 27' W. 46.6 ft.

Monument peak in California, bears N. 24° 28' E.

Bouse's Well bears S. 70° 30' E. about 4 miles.

Yellow Bird group of mines bears S. 63° 22' E. about 25 miles.

Corner NO. 1. Ethel Lode Survey #2170 bears N. 25° 56' W. 666.53 ft.

U.S.L.M. NO. 2170, is located on unsurveyed Government Land in approximately Tp. 7 N. R. 19 W. G. & S. R. B. & M. Yuma County, Arizona.

I know of no other U.S.L.M. within 20 miles.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by William H. Elliott.

United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of _____

known as the J. V. Smales
Scotchman, Big Swede, Sybil H., Helen B., Adele M., H. E. M., Ethel, Clemmie E. and Teddy R.

and showing the respective capacities in which they acted.

Albert C. Byrnes, Chairman.
_____, Chairman.
Redman McMahon, Axman.
_____, Flagman.

FINAL OATHS OF ASSISTANTS.

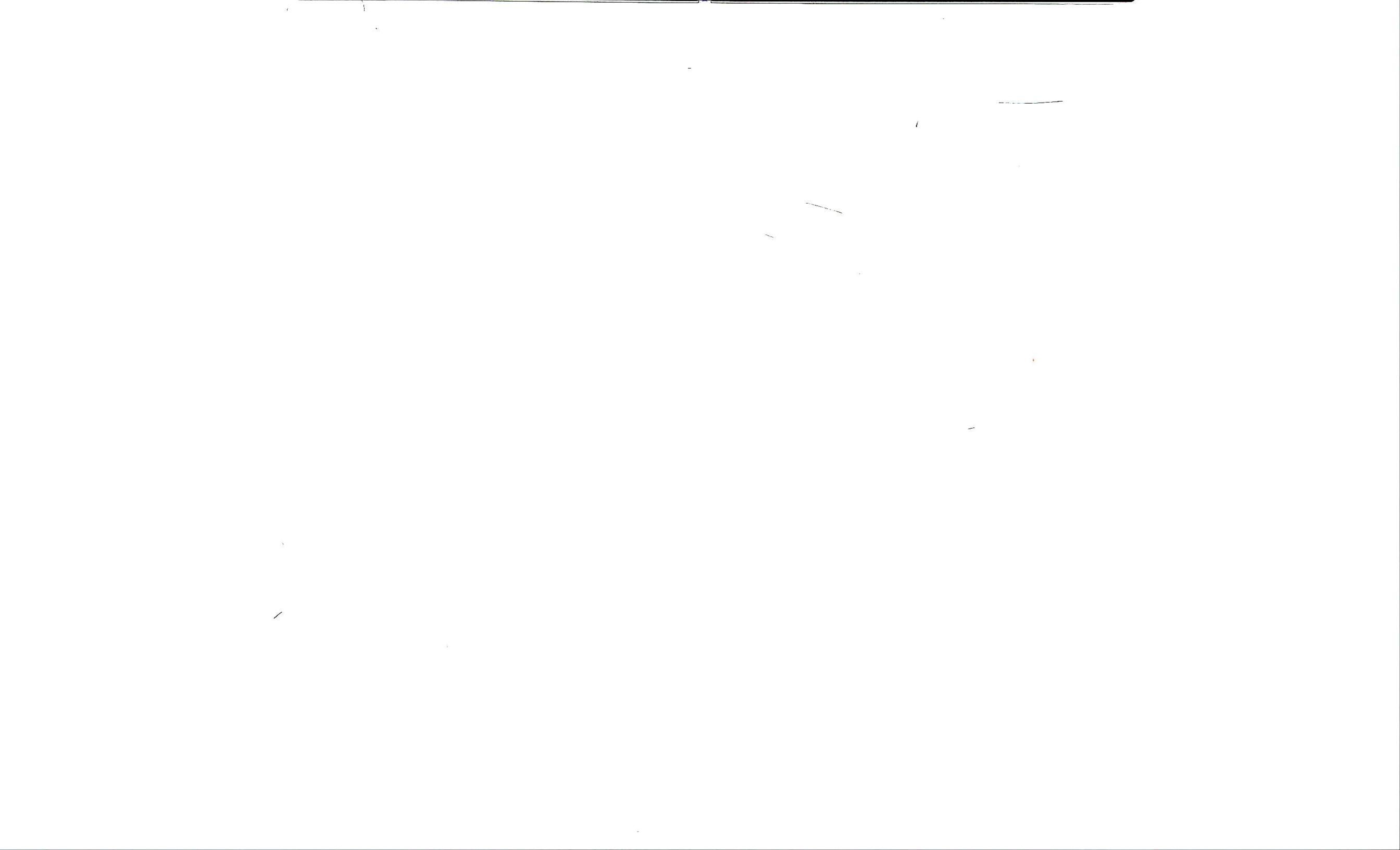
We, Albert C. Byrnes
and Redman McMahon, do solemnly swear that we assisted William H. Elliott, United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of J. V. Smales

known as the J. V. Smales
Scotchman, Big Swede, Sybil H., Helen B., Adele M., H. E. M., Ethel, Clemmie E. and Teddy R.
represented in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for _____

Albert C. Byrnes, Chairman.
_____, Chairman.
Redman McMahon, Axman.
_____, Flagman.

Subscribed and sworn to by the above-named persons before me this Third day of October, 1905.

Dustless Hall
Notary Public



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, William H. Elliott, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Sept-26th 1905, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of J. V. Duale

situate in Plomosa Mining District, Yuma County, Arizona, in Section Approximately Township No. 7 N., Range No. 19 W. unsurveyed and designated as Survey No. 2170, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or his grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

William H. Elliott
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said William H. Elliott,
U. S. Deputy Mineral Surveyor, before me O. F. Townsend
A. Notary Public this 9th
day of October 1905.

O. F. Townsend
Notary Public

My Commission expires Mar. 22 '08

Affidavit of Five Hundred Dollars Improvements.

We, Thomas F. Bouse and William H. Chapman

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the scotchman, Big Swede, Sybil H., Helen B., Adele M., H.E.M., Ethel, Emma E. and Teddy B. mining claim, situate in Parusa

mining district, Yuma County, Arizona Territory, for which J.V. Smith

has made application for survey prior to application for patent under the provisions of the Act of Congress approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and his grantor exceed five hundred dollars in value, ^{upon or for each location} and further that we are not personally interested in said mine.

Thomas F. Bouse
William H. Chapman

TERRITORY OF ARIZONA,
COUNTY OF Yuma } ss:

Sworn to and subscribed before me this third day
of October, 1907

[SEAL.]

Wm. H. Hall
Notary Public

Notice of Mining Location.

Quartz Claim.

To All Whom it May Concern:

This mining claim, the name of which is the Teddy R. lode Mining Claim, situated on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by F. M. Woods a citizen of the United States, the undersigned, on the 10th day of January ~~189~~ 1903.

The length of this claim is 1500 feet, and I claim 25 feet in a southeasterly direction and 1475 feet in a North westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the South east to the North west.

The claim is situated and located in the Plomosa Mining District, in Yuma County, in the Territory of Arizona, about 19 miles in Easterly direction from Parker Ariz. in Latitude $34^{\circ}0'$ North, Longitude 114° West The South west corner bears $N.17^{\circ}32'W.$ 2815.4 feet from a monument on top of Palo Verde Peak.

The surface boundaries of the claim are marked upon the ground as follows; Beginning at a monument of stone at a point in a South easterly direction 25 feet from the discovery shaft (at which this notice is posted), being in the center of the south end line of said claim, thence Northeasterly 300 feet to a monument of stone, being the South east corner of said claim; thence Northwesterly 750 feet to a monument of stone at the center of the East side line of said claim; thence South westerly 300 feet to a monument of stone at the center of the North end of said claim; thence same course 300 feet to a monument of stone, being at the North west corner of said claim; thence South easterly 750 feet to a monument of stone being the center of the west side line of said claim; thence same course at the

Notice of Mining Location.

Quartz Claim.

To All Whom it May Concern:

This mining claim, the name of which is the Teddy R. lode Min-
ing Claim, situated on lands belonging to the United States of Amer-
ica, and in which there are valuable mineral deposits, was entered
upon and located for the purpose of exploration and purchase by F.
M. Woods a citizen of the United States, the undersigned, on the 10th
day of January ~~189~~ 1903.

The length of this claim is 1500 feet, and I claim 25 feet in a
Southeasterly direction and 1475 feet in a North westerly direction
from the center of the discovery shaft, at which this notice is post-
ed, lengthwise of the claim, together with 300 feet in width of the
surface grounds, on each side of the center of said claim. The gener-
al course of the lode deposit and premises is from the South east
to the North west.

The claim is situated and located in the Plomosa Mining Dist-
riect, in Yuma County, in the Territory of Arizona, about 19 miles in
an Easterly direction from Parker Ariz. in Latitude $34^{\circ}0'$ North,
Longitude 114° West The South west corner bears $N.17^{\circ}32'W.$ 2815.4
ft, from a monument on top of Palo Verde Peak.

The surface boundaries of the claim are marked upon the ground
as follows; Beginning at a monument of stone at a point in a South
easterly direction 25 feet from the discovery shaft (at which this
notice is posted), being in the center of the south end line of
said claim, thence Northeasterly 300 feet to a monument of stone,
being the South east corner of said claim; thence Northwesterly 750
feet to a monument of stone at the center of the East side line of
said claim; thence South westerly 300 feet to a monument of stone
at the center of the North end of said claim; thence same course 300
feet to a monument of stone, being at the North west corner of said
claim; thence South easterly 750 feet to a monument of stone being
at the center of the west side line of said claim; thence same course

750 feet to a monument of stone at the South west corner of said claim; thence North Easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act ~~Concerning Mines~~" to Revise and codify the Laws of the Territory of Arizona approved March ~~20th 1895~~, 16, 1901.

Dated and posted on the ground this 10th day of January 1903, ~~189~~

F.M. Woods

Recorded at request of J.G. Huntington Feby 24. A.D. 1903 at 9 A.M.

Book "N" of Mines page 556 et seq.,

G.P. Cronin
County Recorder

by O.P. Bondesson, Deputy

Territory of Arizona)
) ss
County of Yuma)

I, J.M. Polhamus County Recorder in and for the County of Yuma, Territory of Arizona, do hereby certify that the foregoing is a true, full and correct copy of the notice of location of the Teddy R. lode Mining Claim as filed for record in my office on the 24th day of Feby. A.D. 1903, and as appears of record in Book "N" of Mines Page 556, et seq., Records of Yuma County aforesaid.

In Witness Whereof, I have hereunto set my hand and affixed my seal of office this 25th day of September A.D. 1905



J.M. Polhamus
County Recorder Yuma County
Arizona Territory

Notice of Mining Location

Lode Claim

To All Whom It May Concern: This mining claim the name of which is the H.E.M. lode Mining Claim situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by J.V. Smale the undersigned, on the eighteenth day of July 1901, The length of this claim is fifteen hundred (1500) feet, and I claim nine hundred and forty feet in a S.30°00'E direction, and five hundred and sixty feet in a N.30°00'W. direction from the center of the discovery shaft, at which this notice is posted; lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim, The general course of the lode deposit and premises is from the North West to the South East. The claim is situated and located in the Plomosa Mining District in Yuma County, in the Territory of Arizona, about 30 miles in a S.26°00'E direction from Monument Peak. Monument Peak being the north boundary Cor. of the Colo. River Indian Agency. The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument at a point in a N.30°00'W. direction 560 feet from the discovery shaft (at which this notice is posted) being in the center of the north end line of said claim; thence N, 60°00' E 300 feet to a stone monument, being the north east corner of said claim and identical with the N.W. Cor. of the Adele M lode; thence S.30° 00'E 750 feet to a stone monument at the center of the east side line of said claim; thence S 30°00'E.750 feet to a monument, being at the South east corner of said claim and identical with the S.W. corner of Adele M. lode thence S 60°00'W 300 feet to a stone monument at the center of the south end of said claim; thence S 60°00'W 300 feet to a stone monument, being at the south west corner of said claim; thence N, 30°00'W 750 feet to a stone monument being at the center of the west side line of said claim; thence N 30°00'W 750 feet to a stone monument at the N.W. corner of said claim; thence N 60°00' E 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States and of an Act of the General Assembly of Arizona, Entitled "An Act Concerning Mines" approved March 20th, 1895 and amended March 2d, 1899, and March 16th 1901. Dated and posted on the ground this 18th day of July 1901.

J. V. Smale

Locator

Recorded at request of J. V. Smale at 9 A.M. Oct. 12th 1901.

C. P. Cronin

County Recorder

Recorded in Book M of Mines pages 52-3

Territory of Arizona)
County of Yuma) ss

I, J. M. Polhamus County Recorder in and for the County of Yuma, Territory of Arizona, do hereby certify that the foregoing is a true, full and correct copy of the notice of location of the H. E. M. lode mining claim, as filed for record in my office on the 12th day of Oct., A. D. 1901, and as appears of record in Book "M" of Mines Page 52, et seq., Records of Yuma County aforesaid.

In witness whereof, I have hereunto set my hand and affixed my seal of office this 25th day of September A. D. 1905.



J. M. Polhamus
County Recorder Yuma County, A. T.

Notice of Mining Location

Lode Claim

To all Whom it May Concern: This mining claim the name of which is the Adele M lode Mining claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by J.V. Smale the undersigned, on the twenty-first day of July 1901. The length of this claim is fifteen hundred (1500) feet and I claim eleven hundred (1100) feet in a S. 30° 00' E direction, and four hundred feet in a N 30° 00' W direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the ~~z~~ lode deposit and premises is from the North West to the South East. The claim is situated and located in the Plomosa Mining District, in Yuma County, in the Territory of Arizona, about 30 miles in a S 26° 00' E direction from Monument Peak, Monument Peak being the North boundary corner of the Colo. River Indian Agency. The surface boundaries of the claim are marked upon the ground as follows; Beginning at a stone monument being the north end center of claim at a point in a northerly direction four hundred feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim: thence N. 60° 00' E. 300 ~~z~~ feet to stone monument, being the north east identical with the N.W cor. of the Dutchman lode corner of said claim; thence S 30° 00' E 750 feet to a stone monument at the center of the ~~of the~~ East side line of said claim; thence S 30° 00' E 750 feet to a stone monument being at the South East corner of said claim & identical with the S.W. cor of Duteman Lode thence S 60° 00' W 300 feet to a Stone monument at the center of the South end of said claim; thence S 60° 00' W. 300 feet to a Stone monument being at the South West corner of said claim; thence N 30° 00' W 750 feet to ~~z~~ a stone monument being at the center of the west side line of said claim; thence N 30° 00' W 750

feet to a stone monument at the North west corner of said claim; thence N 60°00' E 300 feet to the place of beginning. All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States and of an Act of the General Assembly of Arizona, entitled an Act Concerning Mines," approved March 20th, 1895 and amended March 2d, 1899, and March 16th 1901.

Dated and posted on the ground this 21st day of July 1901.

J.V. Smale, Locator

Recorded at the request of J.V. Smale, at 9.A.M. Oct 12th 1901.

C.P. Cronin

County Recorder

Recorded in Book M of mines pages 51-2

Territory of Arizona)
County of Yuma) ss

I, J.M. Polhamus County Recorder in and for the County of Yuma, Territory of Arizona, do hereby certify that the foregoing is a true, full and correct copy of the notice of location of the Adele M. lode Mining Claim, as filed for record in my office on the 12th day of October A.D. 1901, and as appears of record in Book "M" of Mines Page 51 et seq., Records of Yuma County aforesaid.

In Witness Whereof, I have hereunto set my hand and affixed my seal of office this 25th day of September A.D. 1905.



J.M. Polhamus
County Recorder Yuma County,
Arizona Territory

Notice of Mining Location

Lode Claim

To All Whom It May Concern:-

This mining claim the name of which is the Clemma E lode Mining Claim situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by J.V. Smale the undersigned, on the eighteenth day of July 1901. The length of this claim is fifteen hundred (1500) feet, and I claim ten hundred and fifty feet in a north westerly direction from the center of the discovery shaft at which this notice is posted, lengthwise of the claim, together with three hundred (300) feet in width of the surface grounds, on each side of the center of said claim, The general course of the lode deposit and premises is from the North West to the South East. The claim is situated and located in the Plomosa Mining District, in Yuma County, in the Territory of Arizona, about 30 miles in a South Easterly direction from Monument Peak said peak being the N boundry cor. of the Colo. River Indian Agency, The surface boundaries of the claim are marked upon the grounds as follows: Beginning at a stone monument at a point in a N 30°00' W direction 450 feet from the discovery shaft (at which this notice is posted) being in the center of the North end line of said claim; thence N 60°00' E 300 feet to a stone monument, being the N.E. corner of said claim, and identical with the N.W. cor. of the H.E.M. thence S 30°00' E 750 feet to a stone monument at the center of the East side line of said claim; thence S 30°00' E 750 feet to a stone monument, being at the South East corner of said claim; and identical with the S.W. cor. of the H.E.M. thence S 60°00' W 300 feet to a stone monument at the center of the south end of said claim; thence S 60°00' W 300 feet to a stone monument, being at the South West corner of said claim; thence N 30°00' W 750 feet to a stone monument being at the center of the West side line of said claim; thence N, 30°00' W 750 feet to a stone monument at the N.W. corner of said claim; thence N. 60° 00' E. 300 feet to place of beginning.

All done under the provisions of Chapter Six of Title XXXII of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled An Act Concerning Mines, approved March 20th 1895, and amended March 2d 1899 and March 16th 1901.

Dated and posted on the ground this 18th day of July 1901.

J.V. Smale

Recorded at request of J.V. Smale, at 9 A.M. Oct. 12, 1901

C.P. Cronin

County Recorder

Recorded Book M of Mines page 54

Territory of Arizona)
County of Yuma) ss

I, J.M. Polhamus, County Recorder in and for the County of Yuma, Territory of Arizona, do hereby certify that the foregoing is a true, full and correct copy of the notice of location of the Clemma E lode mining claim as filed for record in my office on the 12th day of October A.D. 1901, and as appears of record in Book "M" of mines, Page 54 et seq., Records of Yuma County aforesaid.

In Witness Whereof, I have herunto set my hand and affixed my seal of office this 25th day of September A.D. 1905.

J.M. Polhamus

County Recorder Yuma County, Arizona Territory



Notice of Mining Location

Lode Claim

To All Whom it May Concern

This mining claim the name of which is the Ethel lode Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by J.V. Smale the undersigned, on the 21 day of July 1901, The length of this claim is fifteen hundred feet, and I claim three hundred and fifty feet in a South Easterly direction and eleven hundred and fifty feet in a North Westerly direction from the center of the discovery shaft at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North West to the South East. The claim is situated and located in the Plomosa Mining District in Yuma County, in the Territory of Arizona, about 30 miles in a South Easterly direction from monument Peak said peak being the north boundry Cor. of the Colo. River Indian Agency. The surface boundaries of the claim are marked upon the grounds as follows Beginning at a stone monument, where the S.W. cor. of the H.E.M. lode bears N.60° E.200 feet at a point in a N.30°00' W direction 350 feet from the discovery shaft (at which this notice is posted,) being in the center of the North end line of said claim; thence N.60°00'E.300 feet to a stone monument, being the N.E. corner of said claim; thence S.30°00'E 750 feet to a stone monument at the center of the east side line of said claim; thence S 30°00'E 750 feet to a stone monument being at the South East corner of said claim; thence S 60°00' W.300 feet to a stone monument at the center of the South end of said claim; thence S 60°00'W.300 feet to a stone monument, being at the South West corner of said claim; thence N 30°00' W 750 feet to a stone monument being at the center of the west side line of said claim; thence N 30°00' W.750 feet to a stone monument at the N.W. corner of said claim; thence N 60°00'E 300 feet to the place of beginning.

All done under the provision of Chapter Six of Title XXXII of the
J. E. C Revised Statutes of the United States, ~~of~~ and of an Act of the Gener-
J. E. Cal Assembly of Arizona, entitled ~~and~~ An Act Concerning Mines, approv-
ed March 20th 1895, and amended March 2nd 1899, and March 16th 1901.
Dated and posted on the ground this 21st day of July 1901.

J. V. Smale

Recorded at request of J. V. Smale, at 9 A.M. Oct. 12th 1901.

Recorded Book M of mines page 55-6

C. J. Cronin
County Recorder

Territory of Arizona)
County of Yuma) ss

I, J. M. Polhamus, County Recorder in and for the County
of Yuma, Territory of Arizona, do hereby certify that the foregoing
is a true, full and correct copy of the notice of location of the
Ethel lode mining claim as filed for record in my office on the
12th day of October, A. D. 1901, and as appears of record in Book "M"
of Mines, Page 55 et seq., Records of Yuma County aforesaid.

In Witness Whereof, I have hereunto set my hand and affixed
my seal of office this 25th day of September A. D. 1905.



J. M. Polhamus
County Recorder Yuma County, Arizona
Territory.

Notice of Mining Location

Lode Claim

To all Whom it May Concern:

This mining claim, the name of which is the Scotchman lode Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by J.V. Smale a citizen of the United States the undersigned, on the 25 day of November 1901.

The length of this claim is 1500 feet, and I claim 1400 feet in a Southerly direction, and 100 feet in a Northwesterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northwest to the Southeast.

The claim is situated and located in the Plomosa Mining District, in Yuma County, in the Territory of Arizona, about 14 miles in an Easterly direction from the Colorado River 20 miles in a southerly direction from the "Black Tank".

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument, 300 ft N.W. of the N. end center of the Dutchman Lode at a point in a southerly direction 1400 feet from the discovery shaft (at which this notice is posted) being in the center of the south end line of said claim; thence North easterly 300 feet to a stone monument, being the Southeast corner of said claim; thence North Westerly 750 feet to a stone mon at the center of the East side line of said claim; thence same course 750 feet to a stone mon. being at the North east corner of said claim; thence south westerly 300 feet to a stone mon. at the center of the North end of said claim; thence same course 300 feet to a stone mon. being at the North west corner of said claim; thence south easterly 750 feet to a stone monument being at the center of the west side line of said claim; thence same course 750 feet to a stone mon. at

the South west corner of said claim; thence North easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of ^{C.P.C.} the Arizona, entitled "An Act Concerning Mines" approved March 20th 1895, and amended March 2d 1899 and March 16th 1901.

Dated and posted on the ground this 25 day of November 1901.

J. V. Smale

Recorded at request of J. V. Smale Jan. 7, A. D. 1902 at 9 A. M.

Book M of Mines page 174 et seq.

C. J. Currier
County Recorder

Territory of Arizona)
County of Yuma) ss

I, J. M. Polhamus, County Recorder in and for the County of Yuma, Territory of Arizona, do hereby certify that the foregoing is a true, full and correct copy of the notice of location of the Scotchman lode Mining Claim, as filed for record in my office on the 7th day of January A. D. 1902, and as appears of record in Book "M" of Mines, Page 174 et seq., Records of Yuma County aforesaid.

In Witness Whereof, I have hereunto set my hand and affixed my seal of office this 25th day of September A. D. 1905.



J. M. Polhamus
County Recorder Yuma County, Arizona
Territory.

Notice of Mining Location

Quartz Claim.

To All Whom It May Concern:

This mining claim, the name of which is the Big Swede Mining Claim, situated on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by F.M. Woods a citizen of the United States the undersigned, on the 10th day of January ~~189~~ 1903.

The length of this claim is 1500 feet, and I claim 1150 feet in a ~~XXXXXXXXXX~~ North Easterly direction and 350 feet in a South westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North East to the South west.

The claim is situated and located in the Plomosa Mining District, Yuma County, in the Territory of Arizona, about 19 miles, in an Easterly direction from Parker Arizona a stone monument on Palo Verde Peak bears S 6°41'30" E. 2329.43 ft from the South west corner

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a South westerly direction 350 feet from the discovery shaft (at which this notice is posted), being in the center of the south west end line of said claim; thence South easterly 300 feet to a monument of stone being the South west corner of said claim, thence North easterly 750 feet to a monument of stone at the center of the South east side line of said claim; thence same course 750 feet to a monument of stone, being at the South east corner of said claim; thence North westerly 300 feet to a monument of stone at the center of the North east end of said claim; thence same course 300 feet to a monument of stone being at the North East corner of said claim; thence South Westerly 750 feet to a monument of stone being at the center of the North west side line of said claim; thence same course 750 feet to

a monument of stone at the North west corner of said claim; thence South easterly 100 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona entitled "An Act ~~Concerning Mines~~ to Revise and Codify the Laws of the Territory of Arizona approved March 20th 1895 16, 1901.

Dated and posted on the ground this 10th day of January 1903.

F.M. Woods

Recorded at Request of J. G. Huntington Feby 24, A.D. 1903 at 9 A.M.

C.P. Cronin

County Recorder

by O.P. Bondesson Deputy

Book N of Mines page 561 et seq.,

Territory of Arizona)
) ss
County of Yuma)

I, J.M. Polhamus County Recorder in and for the County of Yuma, Territory of Arizona, do hereby certify that the foregoing is a true, full and ~~correct~~ correct copy of the notice of location of the Big Swede Mining Claim as filed for record in my office on the 24th day of Feb. A.D. 1903, and as appears of record in Book "N" of Mines Page 561 et seq., Records of Yuma County aforesaid.

In Witness Whereof, I have hereunto set my hand and affixed my seal of office this 25th day of September A.D.

1905.



J.M. Polhamus,
County Recorder Yuma County,
Arizona Territory

Notice of Mining Location.

Quartz Claim.

To All Whom It May Concern:

This mining claim, the name of which is the Sybil H. lode Mining Claim, situated on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by F.M. Woods a citizen of the United States the undersigned, on the 10th day of January 1903 ~~189~~

The length of this claim is 1500 feet, and I claim 65 feet in a Southeasterly direction and 1435 feet in a Northwesterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the South East to the North West.

The claim is situated and located in the Plomosa Mining District, Yuma County, in the Territory of Arizona, about 19 miles in an Easterly direction from Parker Ariz.

The South east corner bears N.17°32' W 2815 ft. from a monument on top of Palo Verde Peak.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a South easterly direction 25 feet from the discovery shaft (at which this notice is posted), being in the center of the South end line of said claim; thence North Easterly 300 feet to a monument of stone, being the South East corner of said claim; thence North westerly 750 feet to a monument of stone at the center of the east side line of said claim; thence same course 750 feet to a monument of stone, being at the North East corner of said claim; thence South westerly 300 feet to a monument of stone at the center of the North end of said claim; thence same course 300 feet to a monument of stone , being at the North west corner of said claim; thence South Easterly

750 feet to a monument of stone being at the center of the west side line of said claim; thence same course 750 feet to a monument of stone at the South west corner of said claim; thence Northeasterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona entitled "~~An Act, Concerning Mines~~" to Revise and codify the Laws of the Territory of Arizona approved March ~~20th~~ ~~1895~~ 16, 1901.

Dated and posted on the ground this 10th day of January 1903 ~~1899~~

F.M. Woods

Recorded at request of J.G. Huntington Feb. 24, 1903 at 9 A.M.

Book "N" of Mines Page 559 et seq.

C.P. Cronin

County Recorder by
O.P. Bondesson, Deputy

Territory of Arizona)
)ss
County of Yuma)

I, J.M. Polhamus County Recorder in and for the County of Yuma, Territory of Arizona, do hereby certify that the foregoing is a true, full and correct copy of the notice of location of the Sybil H. lode Mining Claim as filed for record in my office on the 24th day of Feb. A.D. 1903, and as appears of record in Book "N" of Mines Page 559, et seq., Records of Yuma County aforesaid.

In Witness Whereof, I have hereunto set my hand and affix-
my seal of office this 25th day of September A.D. 1905.

J.M. Polhamus
County Recorder Yuma County

Arizona Territory.



Territory of Arizona)
 County of Yuma)SS

Know all men By these Presents:

That F.M.Woods the undersigned, has, this 10th day of January, 1903, located and claimed, and by these presents does locate and claim, by right of discovery and location, in compliance with the Mining Acts of Congress, approved May 10th, 1872, and all subsequent Acts, and with local customs, laws and regulations, 1500 linear feet and horizontal measurement on the Helen B. Lode, vein, ledge or deposit, along the vein thereof, with all its dips, angles and variations, as allowed by law, together with 300 feet on each side of the middle of said vein, at the surface, so far as can be determined from present developments; and all veins, lodes, ledges, or deposits and surface ground, within the lines of said claim 1375 feet running N 61°43'E from center of discovery shaft, and 125 feet running S 61° 43' W from center of discovery shaft being situate upon said lode, vein, ledge or deposit, and within the lines of said claim, in the Plomosa Mining District, County of Yuma, and Territory of Arizona described by metes and bounds as follows, to-wit:

Beginning at corner N.1, (the S.W. corner) thence N 28°17'W. 600 ft to corner No.2. a monument of stone; thence N.61°43'E. 1500 ft to corner No.3 a monument of stone; thence S.28°17'E. 600 ft to corner No.4 a monument of stone; thence S.61°43' W 1500 ft to corner No.1 the place of beginning said lode was discovered on the 10th day of January A.D.1903.

Attest John G. Huntington

Date of Location January 10/1903 A.D.1

Date of Certificate February 24/1903 A.D.1-

F.M.Woods (seal)

Recorded at request of F.M.Woods April 24th, 1905 at 1:05 P.M.

J.M. Polhamus, County Recorder

Book "T" of Mines Page 174.

Territory of Arizona)
 County of Yuma)SS
)

I, J.M. Polhamus County Recorder in and for the County of Yuma, Territory of Arizona, do hereby certify that the foregoing is a true, full and correct copy of the notice of location of the Helen B. Lode as filed for record in my office on the 24th day of April A.D. 1905, and as appears of record in Book "T" of Mines Page 174 et seq., Records of Yuma County aforesaid.

In Witness Whereof, I have hereunto set my hand and affixed my seal of office this 25th day of September
 A.D. 1905.



J. M. Polhamus
 County Recorder Yuma County
 Arizona Territory.

4-688.

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona

Oct. 24th, 1905

I, U. S. Surveyor-General for Arizona
do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey
of the mining claim of J.V. Smale

known as the Scotchman, Big Swede, Sybil H., Helen B., Adele M., H.B.M.,
Ethel, Clema B. and Teddy R.
situate in Pinosa

Mining District, Yuma County, Arizona
in Section APPROX., Township No. 7 W., Range No. 19 W. (unsur.), and
designated as Survey No. 2170, has been correctly copied from the originals on file in
this office; that said Field Notes 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.

And I further certify that five hundred dollars' worth of labor has been expended or improve-
ments made upon ^{or for each of} said mining claim by claimant or his grantors, and that said improvements
consist of 19 shafts, 4 cuts, 1 tunnel and 202 ft of
drifts, total value \$7695.00, at least \$500. of which is
upon or for each location

and that no portion of said labor or improvements has been included in the estimate of expenditures
upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix,
Arizona is correct and in conformity with the foregoing Field Notes.

(Signed) Frank S. Ingalls,

United States Surveyor-General for Arizona

4-687.

SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM.

Department of the Interior,

Office of U. S. Surveyor-General,

Phoenix, Arizona

Oct. 24, 1905

I, U. S. Surveyor-General for Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of J. V. Smale

Scotchman, Big Swede, Sybil H., Helen B., Adele M., H. E. M., Ethel, Clemma E. and Teddy R.

situate in Pinalosa Mining District, Yuma County, Arizona

in Section Approx., Township No. 7 W., Range No. 19 W. (unsur) designated as Survey No. 2170

executed by William H. Elliott, U. S. Deputy Mineral Surveyor, Sept. 30th to Oct. 3rd, 1905, under my instructions dated Sept. 26th, 1905, have been critically examined and the necessary corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant. for survey is included in the field notes.

Frank A. Lyall

U. S. Surveyor-General for Arizona

21.

Mineral Application No. 48.
 IN THE UNITED STATES LAND OFFICE,
 PHOENIX, ARIZONA.

In the matter of the Application for patent for the Scotchman et al. Mining Claims, Mineral Survey 2170, Plomosa Mining District, Yuma County, Arizona.)))))))
---	---------------------------------

SUPPLEMENTAL REPORT
 OF IMPROVEMENTS MADE UPON CLAIMS EMBRACED IN MINERAL SURVEY
 NO. 2170.

To the Surveyor General of the Territory of Arizona:

I, William H. Elliott, Deputy U. S. Mineral Surveyor, do hereby make the following Supplemental Report of the improvements made upon the claims embraced in Mineral Survey No. 2170, said Supplemental Report **being** made on account of the recent ruling of the Honorable Secretary of the Interior in the case known as the James Caretto and other lode claims, 35 L.D. 361, relating to the apportionment of common improvements.

I beg to report that said group consists of the following claims, to-wit: The Scotchman, Big Swede, Sybil H., Helen B., Adele B., H. E. M., Ethel, Clemma E., Teddy B.; That the improvements upon said claims as reported by me in my original report and field notes heretofore filed herein were as follows:

		Improvements.	Value	Total
Scotchman	No.1.	Discovery Shaft 6 x 4 x 10 ft.	\$100	
	No.2	Shaft 6 x 4 x 10 ft	100	
	Credit from Shaft No.2,			
	H.E.M. lode		300	500
Big Swede	No. 1	Discovery shaft 6 x 4 x 10 ft.	100	
	Credit from Shaft No.2,			
	H.E.M. lode		400	500
Sybil H.	No. 1	Discovery Shaft 6 x 4 x 10 ft.	100	
	Credit from Shaft No. 2,			
	H.E.M.lode		400	500
Helen B.	No. 1	Discovery Shaft 6 x 4 x 10 ft.	100	
	Credit from Shaft No. 2,			
	H. E. M. lode		400	500

	Improvements	Value	Total
Adele M.	No. 1 Discovery Shaft 6 x 4 x 10 ft.	100	
	No. 2 Shaft 6 x 4 x 10 ft.	100	
	No. 3 Shaft 6 x 4 x 10 ft.	80	
	No. 4 Shaft 6 x 4 x 10 ft.	100	
	No. 5 Shaft 6 x 4 x 5 ft.	40	
	No. 6 Shaft 6 x 4 x 10 ft.	<u>100</u>	520
H. E. M.	No. 1 Discovery Shaft 6 x 4 x 10 ft	100	
	No. 2 Shaft 8 x 5 x 121 ft With 202 ft. of drifts. Total value of shaft and drifts \$5450; less \$2300 credited elsewhere,	3150	
	No. 3 Shaft 6 x 4 x 10 ft	100	
	No. 4 Shaft 6 x 4 x 10 ft	100	
	No. 5 Tunnel 4 x 6½ x 10 ft	<u>200</u>	3650
Ethel	No. 1 Discovery Cut 4 x 20 x 10 ft	100	
	Credit from Shaft No. 2 H.E.M. lode	<u>400</u>	500
Clemma E.	No. 1 Discovery Cut 5 x 16 x 11 ft	125	
	No. 2 Shaft 4 x 6 x 10 ft	100	
	No. 3 Cut 3 x 7 x 12 ft	75	
	No. 4 Shaft 6 x 4 x 10 ft	125	
	No. 5 Shaft 6 x 4 x 10 ft	<u>100</u>	525
Teddy R.	No. 1 Discovery Shaft 6 x 4 x 10 ft	100	
	Credit from Shaft No. 2 H.E.M. lode	<u>400</u>	500

That upon the H.E.M. lode claim, the said claimants expect to use shaft No. 2, H.E.M. lode, as their main working shaft, as the ore can be handled advantageously through the same. That said shaft was at the time of making said original survey and report 8 ft. by 5 ft. by 121 ft. with 202 feet of drifts; that the total value of said shaft and drifts was at said time \$5450. That said shaft and drifts constitute an improvement common to all of said claims in this, that the cross-cut on course of S. 12 degrees E. 30 ft. when continued will open up the Ethel lode, and the other cross cut will open the Helen B., Big Swede, Sybil H., Teddy R., and Scotchman Lodes, and by drifting from said cross-cut will open up the Adele M. and Clemma E. at depth. That the said common improvement, to-wit, No. 2 Shaft and drifts upon the H. E. M. lode, as such common improvement, should be apportioned in common to each of said claims, that is to say, apply one-ninth (1/9) interest in the value

of said shaft and drifts to the Scotchman, \$605.55,;
one-ninth interest in the value of said shaft and drifts
to the Big Swede, \$605.55; one-ninth interest in the value
of said shaft and drifts to the Sybil H. \$605.55; one-ninth
interest in the value of said shaft and drifts to the
Helen B. \$605.55; one-ninth interest in the value of said
shaft and drifts to the Adele M. \$605.55, one-ninth interest
in the value of said shaft and drifts to the Ethel, \$605.55;
one-ninth interest in the value of said shaft and drifts
to the Clemma E. \$605.55 and one-ninth interest in the value
of said shaft and drifts to the Teddy R. \$605.55.

Respectfully submitted,

William H. Elliott
U.S. Deputy Min. Surveyor

Dated at Yuma, April 2nd 1907.

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona, April 4, 1907.

I, FRANK S. INGALLS, U. S. Surveyor General for the District of Arizona, do hereby certify that the foregoing is a true and correct copy of the supplemental report by William H. Elliott, of the improvements made upon the claims embraced in Mineral Survey No. 2170, before the expiration of the period of publication of application for patent. From the description of Shaft No. 2 on the H. E. M. Lode, which is described as 8 x 5 x 121 feet deep, with 202 feet of drifts, valued at \$5450, it is evident that said shaft is to form the basis of one system of underground development for all of the claims embraced in said survey, from which the ores may be extracted and the ore bodies developed in the most economical method, and I therefore further certify that a one-ninth interest in said shaft, valued at \$605.55, is properly credited, under the statutory requirement of \$500 improvement upon or for each claim, to the H. E. M., Clemma E., Ethel, Adele M., Helen B., Big Swede, Sybil H., Teddy R., and Scotchman claims of said survey.


U. S. Surveyor General.

SURVEY 2170
 Scale 1 inch = 500 ft.

