

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4509 A & B

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

RUSSELL D. SAMSON

Known As The

APACHE, KYEKE and LOUIE SMIDTH Lodes and KYEKE Millsite

Eureka Mining District,

Yavapai County, Arizona

Section 29, Township 15 North, Range 9 West

Surveyed under order dated July 28, 1959

by Olaf Hondrum
Mineral Surveyor.

Apache Lode -- July 28, 1934
Kyeke Lode -- July 28, 1934
Louie Smidth Lode -- October 27, 1934
Claim located Kyeke Millsite -- July 18, 1959

Survey commenced August 17, 1959

Survey completed September 3, 1959

Address of claimant c/o Head & Palmer, Attorneys
Box 591
Prescott, Arizona

DATES OF AMENDED LOCATIONS

Apache Lode--July 3, 1959

Kyeke Lode--July 3, 1959

Louie Smidth Lode--August 13, 1936

SURVEY NO. 4509 A and B

1

Check

This survey was made with A K. & E. transit No. 129403, with horizontal limb 6.2 ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc; the eyepiece is equipped with a colored glass for making direct observation on the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian established by direct observation on the sun August 26, 1959, at Cor. No. 3 of the Kyeke lode, latitude $34^{\circ} 36' 35''$ N., longitude $113^{\circ} 13' 50''$ W., turning from a reference point in a SE direction clockwise to the sun in the SE direction.

True bearing of the reference point: S. $29^{\circ} 21'$ E.

The lines were measured with a Lufkin steel tape 300 ft. in length, graduated every foot, with the first and last foot graduated to hundredths of a foot. The tape was compared with a standard of the Arizona Highway Department and found correct.

All lines of this survey were run by direct methods where the lines are accessible; the inaccessible lines were run by traverse methods as shown by the calculation sheets herewith submitted.

The magnetic declination observed at each corner of the survey gave a uniform value of 15° E.

APACHE LODGE

At Cor. No. 1 of the Apache lode.

Set an iron post, 30 ins. long, $1\frac{1}{2}$ ins. diam., 18 ins. in the ground, with galvanized cap marked A-1-4509A; from which

The $\frac{1}{4}$ Cor. of Secs. 29 and 30, T. 15 N., R. 9 W., G&SRM, bears S. $33^{\circ} 24' 25''$ W., 634.67 ft. dist.; an iron post, $1\frac{1}{2}$ ins. diam., 12 ins. above ground, firmly set and marked as described in the official record.

A boulder, 5 x 5 ft., $3\frac{1}{2}$ ft. above ground, bears S. $63^{\circ} 12'$ W., 24.4 ft. dist., marked XBO-A-1-4509A.

Thence N. $63^{\circ} 12'$ E.

42.0 Ridge, bears NW and SE.

155.0 Gully, 5 ft. wide, course SE.

300.0 Lode line; discovery point bears S. $29^{\circ} 21'$ E., 1300 ft. dist.

600.0 Cor. No. 2, identical with Cor. No. 1 of the Kyeke lode of this survey.

Set an iron post, 30 ins. long, $1\frac{1}{2}$ ins. diam., 18 ins. in the ground, with galvanized cap marked A-2-K-1-4509A; from which

A boulder, 18 ins. x 24 ins., 12 ins. above ground, bears N. $63^{\circ} 12'$ E., 5.34 ft. dist., marked XBO-A-2-4509A.

1035.0	Thence S. 29° 21' E.
1500.0	Gully, 10 ft. wide, course SE.
1500.0	Cor. No. 3, identical with Cor. No. 4 of the Kyeke lode of this survey, on line 1-2, Sur. No. 1593, Cuprum lode.
2.83	Set an iron post, 30 ins. long, 1½ ins. diam., 18 ins. in the ground, with galvanized cap marked A-3-K-4-4509A; from which
300.0	A boulder, 3 x 4 ft., 3 ft. above ground, bears N. 30° 24' W., 5.25 ft. dist., mkd. XBO-A-3-4509A.
310.0	Thence S. 63° 12' W.
532.0	Cor. No. 2, Sur. No. 1593, Cuprum lode.
600.0	Lode line; discovery point bears N. 29° 21' W., 200 ft. dist.
600.0	Gully, 6 ft. wide, course SE.
600.0	Ridge, bears NW and SE.
600.0	Cor. No. 4.
600.0	A rock in place, 8 x 18 ins., 12 ins. above ground, mkd. X-A-4-4509A; from which
600.0	A rock ledge, 3 x 4 ft., 4 ft. above ground, bears N. 53° 00' W. 16.6 ft. dist., mkd. XBO-A-4-4509A.
600.0	Thence N. 29° 21' W.
580.0	Ridge, bears NW and SE.
1500.0	Cor. No. 1 and place of beginning.
KYEKE LODGE	
1500.0	Beginning at Cor. No. 1 of the Kyeke lode, identical with Cor. No. 2 of the Apache lode of this survey; from which
1500.0	The ¼ Cor. of Secs. 29 and 30 bears S. 47° 52' 30" W., 1193.21 ft. dist.; previously described.
1500.0	Thence N. 63° 12' E.
300.0	Lode line; discovery point bears S. 29° 21' E., 900 ft. dist.
320.0	Gully, 5 ft. wide, course SE.
490.0	Ridge, bears SE.
600.0	Cor. No. 2.
600.0	Set an iron post, 30 ins. long, 1½ ins. diam., 18 ins. in the ground, with galvanized cap mkd. K-2-4509A; from which
600.0	A boulder, 4 x 6 ft., 5 ft. above ground, bears S. 29° 21' E., 16.25 ft. dist., mkd. XBO-K-2-4509A.

SURVEY NO. 4509 A

3

	Thence S. 29° 21' E.
196.0	Center of road, bears NE and SW.
750.0	Cor. No. 1 of the Louie Smidth lode of this survey.
1395.0	Foot of hill.
1500.0	Cor. No. 3, identical with Cor. No. 1, Sur. No. 1593, Cuprum lode. A rock in place, 8 x 12 ins., 12 ins. above ground, mkd. X-C-1-1593; add marks K-3-4509 A; from which A rock ledge, 5 x 8 ft., 4 ft. above ground, bears N. 86° 00' W., 46.1 ft. dist., marked XBO-K-3-4509 A.
	Thence S. 63° 12' W.
	On line 1-2, Sur. No. 1593, Cuprum lode.
260.0	Gully, 30 ft. wide, course SE.
300.0	Lode line; discovery point bears N. 29° 21' W., 600 ft. dist.
475.0	Road, bears NW and SE.
600.0	Cor. No. 4, identical with Cor. No. 3 of the Apache lode of this survey.
	Thence N. 29° 21' W.
465.0	Gully, 10 ft. wide, course SE.
1500.0	Cor. No. 1 and place of beginning.
	LOUIE SMIDTH LODE
	Beginning at Cor. No. 1 of the Louie Smidth lode on line 2-3 of the Kyeke lode of this survey. Set an iron post, 30 ins. long, 1½ ins. diam., 18 ins. in the ground, with galvanized cap mkd. LS-1-4509A; from which The ¼ Cor. of Secs. 29 and 30 bears S. 76° 52' 08" W., 1836.18 ft. dist.; previously described. A boulder, 18 ins. x 24 ins., 12 ins. above ground, bears N. 88° 12' W., 9.86 ft. dist., mkd. XBO-LS-1-4509A.
	Thence S. 29° 21' E.
645.0	Foot of hill.
750.0	Cor. No. 3 of the Kyeke lode of this survey, identical with Cor. No. 1, Sur. No. 1593, Cuprum lode.
764.0	Road, bears NE and SW.
1030.0	North bank Boulder Creek, course SW.
1190.0	South bank Boulder Creek, course SW.

SURVEY NO. 4509 A & B

1243.0	Foot of hill.
1500.0	Cor. No. 2, on line 4-1, Sur. No. 1593, Cuprum lode. A rock in place, 12 ins. x 18 ins., 12 ins. above ground, mkd. X-LS-2-4509A; from which A boulder, 5 x 5 ft., 5 ft. above ground, bears N. 86° 37' E., 9.7 ft. dist., mkd. XBO-LS-2-4509A. Thence N. 63° 12' E.
300.0	Lode line; discovery point bears N. 29° 21' W., 750 ft. dist.
600.0	Cor. No. 3. A rock in place; 8' ins. x 12 ins., 12 ins. above ground, mkd. X-LS-3-4509A; from which A boulder, 2 x 2½ ft., 18 ins. above ground, bears S. 40° 56' W., 9.3 ft. dist., mkd. XBO-LS-3-4509A. Thence N. 29° 21' W.
295.0	South bank Boulder Creek, course SW;
475.0	North bank Boulder Creek, course SW.
768.0	Road, bears NE and SW.
915.0	Foot of hill.
1500.0	Cor. No. 4. Set an iron post, 30 ins. long, 1½ ins. diam., 18 ins. in the ground, with galvanized cap mkd. LS-4-4509A; from which A boulder, 2½ x 3 ft., 3 ft. above ground, bears S. 49° 51' W., 8.3 ft. dist., mkd. XBO-LS-4-4509A. Thence S. 63° 12' W.
300.0	Lode line; discovery point bears S. 29° 21' E., 750 ft. dist.
410.0	Ridge, bears NW and SE.
568.0	Gully, 8 ft. wide, course SE.
600.0	Cor. No. 1 and place of beginning.

SURVEY NO. 4509 B

KYEKE MILLSITE

At Cor. No. 1 of the Kyeke Millsite.

A rock in place, 3 x 3 ft., 2 ft. above ground, mkd. X-KMS-1-4509B; from which

SURVEY NO. 4509 B

Corner

The $\frac{1}{4}$ Cor. of Secs. 29 and 30 bears S. 87° 21' 27" W., 3285.9 ft. dist.; previously described.

Cor. No. 3, Louie Smidth lode of this survey bears S. 16° 09' 30" W., 803.0 ft. dist.

A boulder, 3 x 3 ft., 2 $\frac{1}{2}$ ft. above ground, bears N. 49° 40' W., 60.5 ft. dist. mkd. XBO-KMS-1-4509B.

Thence N. 52° 10' E.

474.4 Cor. No. 2.

A rock in place, 2 x 5 ft., 3 ft. above ground, mkd. X-KMS-2-4509B; from which

A boulder, 3 x 3 ft., 18 ins. above ground, bears S. 4° 31' W., 17.4 ft. dist., mkd. XBO-KMS-2-4509B.

Thence N. 25° 33' W.

496.5 Cor. No. 3.

A rock in place, 4 x 4 ft., 2 ft. above ground, mkd. X-KMS-3-4509B; from which

A boulder, 8 x 8 ft., 4 ft. above ground, bears N. 34° W., 36.0 ft. dist., mkd. XBO-KMS-3-4509B.

Thence S. 52° 10' W.

230.0 Road, bears NW and SE.

421.8 Cor. No. 4.

Set an iron post, 30 ins. long, 1 $\frac{1}{2}$ ins. diam., 16 ins. in the ground, with galvanized cap mkd. KMS-4-4509B; from which

A boulder, 3 x 5 ft., 2 ft. above ground, bears S. 17° 36' E., 10.8 ft. dist., mkd. XBO-KMS-4-4509B.

Thence S. 19° 46' E.

388.0 Road, bears NE and SW.

510.3 Cor. No. 1 and place of beginning.

The Kyeke Millsite contains 4.991 acres.

SURVEY NO. 4509 A and B

AREAS

Acres

Total Area, Apache lode	20.641
Total Area, Kyeke lode	20.641
Total Area, Louie Smidth lode	20.641
Total Area, Kyeke Millsite	4.991

Chains

LOCATION

and

This survey is located in the NW $\frac{1}{4}$, SW $\frac{1}{4}$, NE $\frac{1}{4}$ /SE $\frac{1}{4}$ of Sec. 29, T. 15 N., R. 9 W., G&SRM, Arizona.

The survey of the Apache, Kyeke and Louie Smidth lodes is identical with the respective locations of amended locations as marked on the ground. The survey of the Kyeke Millsite is wholly within the location as marked on the ground.

EXPENDITURES

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

- | | |
|-------|--|
| No. 1 | The discovery point of the Apache lode is on the lode line 200 ft. from the center of line 3-4.
No value. |
| No. 2 | A cut bears N. 49° 30' W., 333 ft. dist. from Cor. No. 3, Apache lode, 5 x 20 ft., 10 ft. face, with a 4 x 5 ft. tunnel 6 ft. long at the end, bears N. 40° W.
Value, \$125. |
| No. 3 | A tunnel, 4 x 6 ft. in size, the portal of which bears N. 54° 00' W., 360 ft. dist. from Cor. No. 3, Apache lode; thence N. 35° W., 18 ft.; thence N. 25° W., 18 ft. to face.
Value, \$420. |
| No. 1 | The discovery point of the Kyeke lode is on the lode line 600 ft. from the center of line 3-4.
No value. |
| No. 2 | A tunnel, 5 x 6 ft. in size, the portal of which bears N. 27° W., 516 ft. dist. from Cor. No. 4, Kyeke lode; thence N. 10° W., 44 ft.; thence N. 20° E., 17 ft.; thence N. 40° E., 33 ft.; thence N. 50° E., 80 ft. to face.
Value, \$1700. |
| No. 3 | A tunnel, 5 x 6 ft. in size, the portal of which bears N. 26° 30' W., 680 ft. dist. from Cor. No. 4, Kyeke lode; thence N. 8° W., 46 ft. to face; with a stope 5 x 20 ft., 30 ft. deep, along the east side of the tunnel.
Value, stope and tunnel, \$1400. |
| No. 4 | A cut bears N. 28° 00' W., 840 ft. dist. from Cor. No. 4, Kyeke lode, 4 x 5 ft., 6-foot face, bears N. 25° W.
Value, \$50. |
| No. 5 | A tunnel, 5 x 6 ft. in size, the portal of which bears S. 23° 30' W., 218 ft. dist. from Cor. No. 2, Kyeke lode; thence N. 10° W., 100 ft.; thence N. 15° W., 40 ft.
Value, \$1400. |
| No. 1 | The discovery point of the Louie Smidth lode is on the lode line 750 ft. from the center of line 2-3.
Value, None |

SURVEY NO. 4509 A and B

7

Chains

No. 2 A tunnel, 5 x 6 ft. in size, the portal of which bears South, 586 ft. dist. from the discovery point of the Louie Smidth lode; thence S. 55° E., 60 ft. to face.
Value, \$600.

No. 3 A tunnel, 4 x 6 ft. in size, the portal of which bears S. 86° 30' W., 198 ft. dist. from the discovery point of the Louie Smidth lode; thence N. 10° W., 15 ft. to face.
Value, \$125.

OTHER IMPROVEMENTS

None

OTHER CORNER DESCRIPTIONS

Sur. No. 1593, Cuprum lode: Cors. Nos. 1, 2 and 4 are rocks in place, properly marked. Line 1-2 was found to be S. 63° 12' W., 602.83 ft. instead of S. 63° W., 600.0 ft., as approved. Line 4-1 was found to be N. 29° 21' W., instead of N. 27° W., as approved. Cor. No. 3 could not be found.

FIELD ASSISTANTS

Name	Capacity
Don Hondrum	Head Chainman
Alvin E. Graham	Chainman

MINING ACTS, 1920 AND 1921

Chains	Description	Remarks						
No. 1	A tunnel, 1 x 6 ft., in size, the portal of which bears S. 78° 30' E. 17 ft. from the discovery point of the Lone Star lode; chain 1000.							
No. 2	A tunnel, 1 x 6 ft., in size, the portal of which bears S. 78° 30' E. 17 ft. from the discovery point of the Lone Star lode; chain 1000.							
No. 3	A tunnel, 1 x 6 ft., in size, the portal of which bears S. 78° 30' E. 17 ft. from the discovery point of the Lone Star lode; chain 1000.							
	<p>OTHER CORNER DESCRIPTIONS</p> <p>Corner No. 1, 1920, Bureau label: Corner No. 1, 2 and 3 the rocks in place, properly marked. Line 1-2 was found to be 27.12 ft. instead of 27.00 ft., as approved. Line 1-3 was found to be 27.12 ft. instead of 27.00 ft., as approved. Line 1-4 was found to be 27.12 ft. instead of 27.00 ft., as approved.</p> <p>FIELD ASSISTANTS</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Capacity</th> </tr> </thead> <tbody> <tr> <td>Alvin E. Graham</td> <td>Head</td> </tr> <tr> <td>Don Robinson</td> <td>Chairman</td> </tr> </tbody> </table>	Name	Capacity	Alvin E. Graham	Head	Don Robinson	Chairman	
Name	Capacity							
Alvin E. Graham	Head							
Don Robinson	Chairman							

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

September 8, 1959

I, Olaf Hondrum

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the _____
Office Cadastral Engineer _____, at Phoenix, Arizona

dated July 28, 1959 _____, I have faithfully and correctly executed the survey of
the mining claim of Russell D. Samson

known as the Apache, Kyeke and Louie Smith lodges and Kyeke Millsite
(Lode, placer, or mill site)

situate in Eureka Mining District, Yavapai County--Section 29

T. 15 North, R. 9 West, Gila & Salt River Meridian, Arizona, and
(State)

designated as Survey No. 4509 A&B _____, which is represented in the foregoing field notes as having been
executed by me and under my direction, and that said survey has been made in strict conformity with said order,
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner
described in the foregoing field notes, and I do further certify that the labor expended and improvements made

upon or for the benefit of the lode and millsite _____ location(s) embraced in the said mining claim by
(Lode or placer)

claimant(s) or his _____ grantors are fully stated in my report therein, and that the character,
extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no
portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate
of expenditures upon any other claim.

Phoenix, Arizona _____
(Place)

Olaf Hondrum
Olaf Hondrum
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management--Survey Office
(Office)

Phoenix, Arizona _____ December 2 _____, 1959
(Place) (Date)

The foregoing field notes of mineral survey No. 4509 A&B, in Section 29

_____, T. 15 North, R. 9 West, Gila & Salt River Meridian,

Arizona _____, executed by Olaf Hondrum _____, Mineral Surveyor,
(State)

under order dated July 28, 1959 _____, having been critically examined and the necessary
corrections made prior to their certification by the surveyor, the field notes and the survey therein described
are hereby approved.

Lester S. Mann
Lester S. Mann

Office Cadastral Engineer _____
(Title)

CERTIFICATE OF TRANSCRIPT

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

(Title)

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (942)
BUREAU OF LAND MANAGEMENT
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

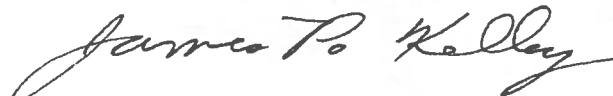
The Kyeke mill site, Mineral Survey No. 4509 B, located in section 29, Township 15 North, Range 9 West, Gila and Salt River Meridian, Arizona, is hereby cancelled.

This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 43 U.S.C. 1744.

This cancellation was necessitated by a need to prepare a supplemental plat as requested by the Kingman Resource Area Office of the Phoenix District.

OCT 05 1988

Date



Chief Cadastral Surveyor of Arizona

