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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

181
Aug. 25, 44
Sept. 21, 44
Oct. 15, 44
9665-

FIELD NOTES

EXCHANGE
~~XXXXXXXXXXXX~~ SURVEY NO. 673

SITUATED IN THE PRESCOTT NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 1

In Section 35, Surveyed, Township 16 N., Range 2 E.

of the

Gila & Salt River Base and Meridian.

State of Arizona

and Retracement of line 2-3 of Blow Out mining claim, Mineral Survey
No. 1362

exchange
Applicant for ~~XXXXXX~~ Phelps-Dodge Corporation

Residence Clarkdale, Arizona

Application No. dated 19

List No. dated 19

Applicant for survey

Residence

E. X. No. dated 19

Land Office Phoenix, Arizona

Survey executed by Thomas F. Myers, Associate Civil Engineer, Forest Service
(Forest Service File)

Under special instructions dated October 11 19 43

Survey commenced April 14 19 44

Survey completed April 16 19 44

Under Acts of March 20, 1922 and July 12, 1943

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GATH OF ASSISTANTS

We hereby certify that we assisted **Thomas F. Myers,**
Associate Civil Engineer, Forest Service, in surveying all those
parts or portions of ~~XXXXXX~~ ^{Exchanges} Survey No. **673**, in the State
of **Arizona** which are represented in the following field notes
as having been surveyed by him and under his direction; and that said
survey has been in all respects, to the best of our knowledge and
belief, well and faithfully surveyed, and the corner monuments estab-
lished, according to the instructions furnished by the United States
Surveyor General for

Note: It would have been very expensive
and inconvenient to appear before an
officer to administer oaths to Assis-
tants; hence they were taken by the
Associate Civil Engineer

Thomas F. Myers
Associate Civil Engineer

Subscribed and sworn to before me this **16th** day of
April, 19**44**

Thomas F. Myers
Associate Civil Engineer

GATH OF SURVEYOR

I, **Thomas F. Myers, Associate Civil Engineer, Forest Service**

[Forest Service Title]

do solemnly swear that, in strict conformity with the special instruc-
tions of the ~~XXXXXX~~ ^{Public Survey Office} for **Arizona**, dated
October 11, 19**43**, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, surveyed a tract
of land

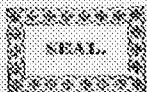
No. _____, dated _____, 19____, for
the same to be known as ~~XXXXXX~~ ^{Exchanges} Survey No. **673**
situated within the **Freescott** National Forest, in
surveyed Section **35**, Township **16 N.**, Range **2 E.** and
surveyed Section _____, Township _____, Range _____

of the **Gila & Salt River Base** and meridian, **Arizona**, and the
related retracements and resurveys and section subdivisions, which are
represented in the following field notes as having been surveyed by me;
and I further solemnly swear that all the corners of said survey have
been established and perpetuated in strict accordance with the stated
special instructions, and in the specific manner described in the field
notes, and that the following are the original field notes of such
survey.

Thomas F. Myers
Associate Civil Engineer, Forest Service
[Forest Service Title]

Subscribed and sworn to before me this **16** day of
September, 19**44**

Vada Faye Brand
Nature Publicis



EXCHANGE SURVEY NO. 673

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

The tract of land embraced in this survey is within and a part of the Prescott National Forest. It is proposed to grant this tract to the Phelps-Dodge Corporation in exchange for lands desired by the Forest Service.

This survey is designated as Exchange Survey No. 673.

Situated in Section 35, T. 16 N., R. 2 E., Gila and Salt River Base and Meridian, Arizona.

Survey was commenced April 14, 1944 and was executed with a Buff and Buff Transit, No. 10019.

Prior to beginning the survey I test the adjustments of the transit and make necessary corrections.

All distances are horizontal and were reduced from measurements made directly on the slope with a 200-foot steel tape. The slope angles were determined with a clinometer.

Surveyed under the Acts of March 20, 1922, and July 12, 1943.

April 16, 1944

At my station, approximately 300 feet southeast from Corner No. 3 of Mineral Survey No. 1362, hereinafter described, in latitude $34^{\circ} 43' 06''$ N., and longitude $112^{\circ} 06' 18''$ West from Forest Service Base Map, I observe Polaris as follows:

<u>Telescope</u>	<u>Watch Time</u>	<u>Angle From Star to Mark Mark east of Star</u>
Direct	8 h 08 m 00 s p.m.	$37^{\circ} 23'$
Reversed	8 h 14 m 50 s p.m.	$37^{\circ} 22'$
Mean	8 h 11 m 25 s p.m.	$37^{\circ} 22' 30''$
Corr. to l.m.t.	1 h 28 m 25 s	
l.m.t. obsn.	6 h 43 m 00 s p.m.	

Greenwich m.t. U.C. Polaris April 16, 1944 0 h 06.0 m p.m.
Corr. for long. 1.2

l.m.t. obsn. April 16, 1944 6 h 04.8 m p.m.
Hour angle 6 h 43.0 m p.m.
6 h 38.2 m

Azimuth of Polaris $1^{\circ} 12' W.$

Bearing of Reference Mark N. $36^{\circ} 10' 30'' E.$

<u>Telescope</u>	<u>Watch Time</u>	<u>Angle - Star to Mark</u>
Direct	8 h 18 m 35 s p.m.	$37^{\circ} 22'$
Reversed	8 h 26 m 15 s p.m.	$37^{\circ} 21'$
Mean	8 h 22 m 25 s	$37^{\circ} 21' 30''$
Corr. to l.m.t.	1 h 28 m 25 s	
l.m.t. obsn.	6 h 54 m 00 s	

Greenwich m.t. U.C. Polaris April 16, 1944 0 h 04.8 m p.m.
(corrected for long.)

l.m.t. obsn. April 16, 1944 6 h 54.0 m p.m.
Hour angle 6 h 49.2 m p.m.

Azimuth of Polaris $1^{\circ} 11' 12'' W.$

Bearing of Reference Mark N. $36^{\circ} 10' 18'' E.$

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EXCHANGE SURVEY NO. 673

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Mean bearing of Reference Mark is

N. $36^{\circ} 10' 24''$ E. I accept bearing of reference mark as

N. $36^{\circ} 10'$ E., and to the corresponding meridian all the

courses of this survey were referred by sustained angulation.

My watch is set one hour fast of 105th meridian standard time, and was compared with Western Union time at Prescott, Arizona, and found to be correct.

Note: This survey was begun on an assumed azimuth and the courses were subsequently corrected to the meridian as above determined.

April 16, 1944

Retracement

April 14, 1944

Beginning at Corner No. 3 of Blow Out claim, Mineral Survey No. 1362, a red quartzite stone 6 x 8 x 12 inches above ground firmly set and marked + on top and 3 B.O. 1362 on E. face with mound of stone alongside.

Thence N. $5^{\circ} 55'$ W.

Over rolling E. slope through dense brush.

581.8

To point for Corner No. 2 of Blow Out claim, Mineral Survey No. 1362. At this point, I find original corner stone, a limestone, 4 x 6 x 18 inches, lying on top of the ground, badly broken, but with corner markings plainly visible. Point was checked from call of Bearing Rock S. $22^{\circ} 15'$ W. 34.2 feet. The Bearing Rock S. $1^{\circ} 04'$ E. 33.2 feet could not be located as it was grown over with dense oak brush and soil has covered the outcrop of rock at that point. I reconstruct corner as follows:

At point for corner, set an iron post 1 inch in diameter, 36 inches long, 12 inches in ground, with brass cap marked 1944 on south rim and 2 B.O. 1362 in SE quadrant and surrounded by mound of stone, 3 feet base, $1\frac{1}{2}$ feet high.

April 14, 1944

Boundaries of Survey

April 15, 1944

Beginning at Corner No. 1

Set an iron post, 1 inch in diameter, 36 inches long, 6 inches in ground to solid rock, with brass cap marked 1 E S 673 in NW quadrant, and surrounded by mound of stone 3 feet base, 2 feet high, whence:

+ on top of sandstone ledge, 3 feet wide, 10 feet long, flush with ground on upper side, with 3 feet perpendicular face on south side, chiseled B.R. +1 E S 673 bears S. 61° W. 20.5 feet.

Corner No. 3 of Blow Out claim, Mineral Survey No. 1362 previously described bears S. $5^{\circ} 55'$ E., 90.1 feet distant.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Feet The $\frac{1}{2}$ sec. corner on south boundary of Sec. 35, an iron post, 1 inch in diameter, surrounded by mound of stone, with brass cap marked and witnessed as described by the Public Survey Office, bears S. $27^{\circ} 38' 58''$ W., 1353.37 feet, by traverse which appears at end of these notes.

Thence S. $84^{\circ} 05'$ W.

Across brushy south slope.

240.00 Small draw, course southeast. Ascend over steep E. slope through dense brush.

466.70 To Corner No. 2.

Set an iron post, 1 inch in diameter, 36 inches long, 16 inches in ground with brass cap marked 2 E S 673 in northeast quadrant and 1944 on south rim, raise mound of stone $2\frac{1}{2}$ feet base, 1 foot high around corner and mound of stone 3 feet base, 2 feet high, northeast of corner, whence;

+ on solid limestone ledge showing 20 x 14 x 3 inches above ground, chiseled B+R 2 E S 673 bears S. $41^{\circ} 45'$ E. 10.6 feet.

+ on limestone ledge showing 20 x 14 x 10 inches above ground, chiseled B+R 2 E S 673, bears N. $26^{\circ} 20'$ E. 13.3 feet

$\frac{1}{2}$ sec. cor. on S. bdy. Sec. 35, previously described, bears S. $8^{\circ} 06' 09''$ W., 1162.30 feet by traverse which appears at the end of these notes.

Thence N. $5^{\circ} 55'$ W.

Across East slope through dense oak brush.

84.66 Intersect south side line, line 3-4, Mineral Survey No. 2205, Key West No.2 mining claim; Cor. No.3 thereof bears S. $66^{\circ} 10'$ W. 751.05 ft., and Cor. No.4 thereof bears N. $66^{\circ} 10'$ W. 748.95 ft.

150.00 Ascend south slope through oak brush.

220.00 Top ascent on ridge, bears East.

250.00 Descend over north slope through oak and manzanita brush.

466.70 To Corner No. 3.

Set an iron post, 1 inch in diameter, 36 inches long, 4 inches in the ground to solid rock, with brass cap marked 3 E S 673 in southeast quadrant, 1944 on south rim, and surrounded by a mound of stone 3 feet base, 2 feet high, whence;

A pinon, 8 inches in diameter, bears S. $60^{\circ} 33'$ W., 55 feet distant, blazed and scribed E S 673 X BT

+ on a limestone ledge showing $2\frac{1}{2}$ x 3 x $1\frac{1}{2}$ feet above ground, chiseled B+R E S 673, bears N. $33^{\circ} 12'$ W. 12 feet distant.

Point for Cor. No.2 of Mineral Survey No. 4215, Blow Out No.2 mining claim, bears N. $32^{\circ} 59'$ W., 205.5 feet. Point for corner is S. $67^{\circ} 12'$ W., .50 feet from witness corner, an iron post, $\frac{3}{8}$ in. in diameter, 22 inches above ground, with copper disc in 3-inch flange, marked and witnessed as described by the Public Survey Office.

Thence N. $84^{\circ} 05'$ E.

Descend over steep east slope through dense oak, catclaw and buckbrush.

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EXCHANGE SURVEY NO. 673.

PRESCOTT NATIONAL FOREST.

STATE OF ARIZONA.

Feet

466.70 To Corner No. 4.

Set an iron post, 1 inch in diameter, 36 inches long, 12 inches in ground to solid rock, with brass cap marked 4 E S 673 in southwest quadrant, 1944 on south rim, and surrounded by mound of stone, 3 feet base, 1 1/2 feet high; raise mound of stone 2 1/2 feet base, 1 1/2 feet high southwest of corner, whence;

An oak, 6 inches in diameter, bears S. 0° 13' W., 50 feet, blazed and scribed 4 E S 673 x B.T.

A black walnut, 8 inches in diameter, bears S. 68° 48' E., 92 feet, blazed and scribed 4 E S 673 x B.T.

Corner No. 2 of Blow Out claim, Mineral Survey No. 1362, previously described, bears N. 5° 55' W., 25 feet.

Cor. No. 4 of Key West No. 2 claim, Mineral Survey No. 2205, bears S. 64° 14' 51" E., 288.85 feet, by traverse which appears at end of these notes.

Thence S. 5° 55' E.

231.15 Intersect south side line, line 3-4, Mineral Survey No. 2205, Key West No. 2 mining claim; Cor. No. 4 thereof bears N. 66° 10' E. 253.46 feet.

Along west end line, line 2-3, of Blow Out mining claim, Mineral Survey No. 1362, over rolling land through dense catalaw and oak brush.

466.70 To Cor. No. 1, the place of beginning.

April 15, 1944.

Area.

Total Area, 5.00 Acres

Area in conflict with:

Mineral Survey No. 2205, Key West No. 2 claim, 3.28 "

Mineral Survey No. 4215, Blow Out No. 2 claim, 5.00 "

Mineral Survey No. 4215, Blow Out No. 2 claim, exclusive of its conflict with Mineral Survey No. 2205, Key West No. 2 claim, 1.71 "

Conflicts and Adjoining Claims.

There are no conflicts with any mineral locations existing at the present time. Phoenix Mineral Entry 0618, for the Key West No. 2 and other claims, of Mineral Survey No. 2205, was rejected on May 24, 1910. The application for patent was rejected for the reason that no valid discovery of mineral had been made. Phoenix Mineral Entry 079008, for the Blow Out No. 2 claim, Mineral Survey No. 4215, was cancelled June 30, 1941, by the Secretary of the Interior, for the same reason.

This survey is adjoined on the east by Blow Out mining claim, Mineral Survey No. 1362, patented.

Note: This survey lies wholly within Mineral Survey No. 4215, Blow Out No. 2 claim.

Conflict with Mineral Survey No. 2205, Key West No. 2 claim, was determined from the record of such survey, as it appears in Mineral Survey No. 4215.

Associate Civil Engineer, Forest Service

- DIRECTIONS.—1. Carry out calculations to two decimals only.
 2. In balancing Latitudes and Departures do not obliterate or change the original figures. Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink. The corrections for balancing fallings should be proportional to the lengths of the lines.
 3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.
 4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

EXCHANGE

GPO 140528

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY No. 673, STATE OF ARIZONA

CORNERS	BEARING	DISTANCE	LATITUDES		DEPARTURES		DOUBLE M. D.	N. AREAS	S. AREAS	
			NORTH	SOUTH	EAST	WEST				
1-2	S. 24° 05' W.	466.7		48 11		464 21	560 43		26,962 29	
2-3	W. 5° 55' N.	466.7	464 21			48 11	48 11	22,333 14		
3-4	W. 24° 05' E.	466.7	48 11		464 21		464 21	22,333 14		
4-1	S. 5° 55' E.	466.7		464 21	48 11		476 53		453,314 39	
		1,866.8	512 32	512 32	512 32	512 32		44,666 28	480,277 28	
								44,666 28		
								435,611.00		
			File to 1/4 corner south boundary Section 35					43,960	217,805 50	5 acres
								217,800		
								5 50		
	S. 10° 22' W.	979.10		963 12		176 19				
	S. 63° 00' W.	192.00		87 17		171 07				
	S. 81° 31' W.	230.5		34 00		227 98				
	S. 24° 45' W.	126.1		114 52		52 79				
				1,198 81		628 03				
	S. 27° 38' 50" W.	1353.37 feet	<i>(Handwritten note: 1/4 corner south boundary Section 35)</i>							

687

10/10/10



- DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.
 2. In balancing the latitudes and departures do not obliterate or change the original figures, but put the corrections above in red ink. Do not change the footing of the original figures, but put the corrected footing below in red ink.
 3. See Chapter IX, Manual of 1930, for instructions relative to balancing the closing error, computation of areas, and use of total latitudes and departures.

TABLING AND CALCULATIONS OF Area in Mineral Survey No. 2205

No.	COURSE	DISTANCE	LATITUDES		DEPARTURES		DOUBLE MERIDIAN DISTANCE	NORTH AREAS	SOUTH AREAS	TOTALS		
			North	South	East	West				LATITUDE	DEPARTURE	
Area in Conflict with Mineral Survey No. 2205, Key West No. 2												
	N. 5° 55' W.	382 04	380 00			39 38	39 38	14,964 40				
	N. 84° 05' E.	466 70	48 11		464 21		464 21	22,333 62				
	S. 5° 55' E.	231 15		229 92	23 83		952 25		218,941 32			
	S. 66° 10' W.	490 49		198 20		448 66	527 42		104,529 37			
		1,570 38	428 11	428 12	488 04	488 04		37,297 54	323,470 69			
			Closing error 1:1570							37,297 54		
	Tie from Cor. No. 2 to 1/4 sec. cor.											
	N. 84° 05' E.	466 70	48 11		464 21			43,560	286,173 15	(3.28 Acres		
Line 2-1 Cor. 1 to 1/4 Sec. Cor.	S. 27° 38' 58" W.	1,353 37		1,198 71		628 03						
			48 11	1,198 81	464 21	628 03						
				48 11		464 21						
	S. 8° 06' 09" W.	1,162 30		1,150 70		163 82						
	Tie from Cor. No. 4 to Cor. No. 4 Mineral Survey No. 2205, Blow Out											
Cor. 4 to 2 Blow Out Cor. 2 Blow Out to 4 Key West to 2 (Record)	N. 5° 55' W.	25 00	24 87			2 58						
	S. 60° 13' E.	302 73		150 37	262 74							
			24 87	150 37	262 74	2 58						
				24 87		2 58						
	S. 64° 14' 51" E.	288 85		125 50	260 16							

1881

No.	Name	Age	Sex	Religion	Occupation
1
2
3
4
5
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7
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9
10



APPROVAL

UNITED STATES

DEPARTMENT OF THE INTERIOR

GENERAL LAND OFFICE

PUBLIC SURVEY OFFICE

Phoenix, Arizona, October 16, 1944.

The foregoing field notes of

EXCHANGE SURVEY NO. 673

and Retracement of line 2-3 of Blow Out mining claim, Mineral
Survey No. 1362

executed by Thomas F. Myers, Associate Civil Engineer, Forest
Service, under his special instructions, dated October 11, 1943,
having been critically examined, and the necessary corrections
and explanations made, the said field notes, and the surveys
they describe, are hereby approved.

E. A. Thompson
Office Cadastral Engineer.

I certify that the foregoing transcript of the field notes of the
above-described survey in the State of Arizona, has been correctly
copied from the original notes on file in this office.

E. A. Thompson
Office Cadastral Engineer.

1962217 "E"

UNITED STATES
DEPARTMENT OF THE INTERIOR
General Land Office
Washington 25, D.C.

Oct. 2, 1943
Supplemental plat

MEMORANDUM for Mr. John L. Warboys,
District Cadastral Engineer,
Phoenix, Arizona.

Receipt is acknowledged of your memorandum dated September 16, regarding the platting of certain tracts in T. 16 N., R. 2 E., G. & S.R.M., Arizona, described by metes and bounds as Tracts 1, 2, 3, 4, and 5 in an application by the Phelps Dodge Corporation to select these lands, pursuant to the act of March 20, 1922 (42 Stat. 465).

It appears as indicated in your memorandum that a supplemental plat may be prepared in the case of Tracts 1, 2, 3, and 4, based on certain approved mineral survey records, but that an exchange survey will be necessary in the case of Tract 5, there being no approved survey which will serve as a basis for its platting. Accordingly, special instructions for this survey will be in order.

As pointed out in your memorandum, it appears that a portion of Tract 1 is embraced in the patented Virginia lode, M.S. No. 2463, which conflict will necessitate the withdrawal of this area from the selection. Following this action authority for the preparation of the proposed supplemental plat will issue.

Thos. C. Havell
Acting Assistant Commissioner.

Copy sent to Regl. Forester with 10/11/43

Phoenix, Arizona
September 16, 1943

MEMORANDUM for the Commissioner,
General Land Office,
Washington, D.C.

With letter of September 6, 1943, the Regional Forester at Albuquerque, New Mexico, enclosed a copy of "Conditional Approval" dated August 25, 1943, by the Assistant Commissioner, of a proposed exchange with the Phelps Dodge Corporation, of land, five tracts, described by metes and bounds, for land within the Kaibab National Forest, viz., S $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 8, T. 23 N., R. 4 E., C. & S.R.M., pursuant to the Act of March 20, 1922.

The Regional Forester refers to the second paragraph on page 3 of the "Conditional Approval" and requests that supplemental plats be prepared in lieu of a formal exchange survey.

Upon examination of the descriptions of the tracts as contained in the "Conditional Approval", it appears that a plat may be prepared from the record of Mineral Survey No. 4217 which will properly delineate Tracts 1, 2, 3 and 4; for Tract No. 5 however, it is believed an exchange survey on the ground, by metes and bounds, will be necessary, its boundaries, as described, having no official survey for basis.

Attention is invited to the fact that Tract No. 1 as described, seems to include a fractional area covered by an existing patent to the Virginia lode No. 2503. The survey of the Virginia lode showed a conflict with the previously patented Red Jacket No. 1271, which conflict was presumably excluded from the Virginia patent, consequently that small tract within the Virginia lode defined on the east by line 3-4 of the Red Jacket lode and on the west by line 1-2 of the Sucker No. 2 lode, should be excluded from Tract No. 1.

While the contemplated plat will not be the usual supplemental plat, as Sec. 28, T. 15 N., R. 2 E., within which Tracts 1, 2, 3 and 4 are situated, is not surveyed, it is assumed that authority for its preparation should first be received from you. If this plat is not authorized, special instructions providing for survey on the ground of Tracts 1 to 5 inclusive will be issued. If so authorized, special instructions for survey of Tract 5 only need be issued.

Commissioner,
General Land Office,
Page 2.

A blue print of the plat of Mineral Survey No. 4217,
upon which I have shown the boundaries of Tracts 1, 2, 3
and 4, as they appear in the "Conditional Approval" is
enclosed for your information.

Office Cadastral Engineer.

Enclosure.

Phoenix, Arizona
September 16, 1943

Regional Forester,
Post Office Building,
Albuquerque, New Mexico.

Dear Sir:

I have your letter of September 5, enclosing a copy of "Conditional Approval" dated August 25, 1943, by the Assistant Commissioner of the General Land Office, of an exchange of certain forest land for certain tracts, five in number, described therein by metes and bounds.

I have made an examination of these descriptions and, with the exception of Tract No. 5, believe that it will be possible to prepare a plat, based on the existing record of Mineral Survey No. 4217, which will satisfactorily delineate the same. The plat will differ, however, from the usual supplemental plat prepared to segregate patented lands from public land areas shown on our township plats, as Sec. 28, T. 16 N., R. 2 E., within which tracts Nos. 1, 2, 3 and 4 are situated, is an unsurveyed section.

As authority for the preparation of supplemental plat issues only from the General Land Office, I will take the matter up with him and, if so authorized, will prepare the desired plat. I believe it would be advisable to await the Commissioner's action before issuing special instructions for a metes and bounds survey of "Tract No. 5," as, in the event the preparation of a supplemental plat showing Tracts 1, 2, 3 and 4 is not authorized, instructions for a metes and bounds survey of all five tracts may then issue.

Your attention is directed to Tract No. 1, as described in the "Conditional Approval" which seems to include a fractional area covered by an existing patent, viz., a tract extending southeasterly from Cor. 1 of the Enchanter No. 2 lode, Sur. 2609, along line 1-2 Enchanter No. 2 to its intersection with line 1-4 Virginia lode, thence along line 4-1 of the Virginia lode to its intersection with line 3-4 of the Red Jacket lode, thence along line 4-3 of the Red Jacket lode to Cor. 1 of the Enchanter No. 2 lode, which

Regional Forester
Page 2.

presumably is patented to the Virginia lode, as the official survey of the Virginia lode, Sur. No. 2453, showed a conflict, probably excluded from the patent, with the Red Jacket lode, Sur. No. 1271.

Very truly yours,

Office Cadastral Engineer.

UNITED STATES DEPARTMENT OF AGRICULTURE
Forest Service

Post Office Building
Albuquerque, New Mexico.

L
Acquisition-Prescott (Kaibab)
Exchange
Phelps Dodge Corporation
12-14-42

District Cadastral Engineer
260 Federal Building
Phoenix, Arizona.

Dear Sir:

Enclosed is a copy of the acting Assistant Commissioner's letter "K" 1962217 (Phoenix) of August 25, conditionally approving this exchange.

By reference to the second paragraph on Page 3 thereof, it appears that supplemental plats will be accepted in lieu of a formal exchange survey and since we are very anxious to avoid as much expense as possible at this particular time, we are wondering if we can prevail upon your office to prepare them.

The descriptions of the selected tracts appearing in the Acting Assistant Commissioner's letter were prepared in this office in line with the suggestions contained in Mr. Fiske's letter of July 27, 1942, to the proponent's attorneys, Crawford, Baker and Favour of Prescott, Arizona.

Very truly yours,

Frank C.W. Pooler, Regional Forester

By Morton Cheney, Acting

Enclosure

September 25, 1943.

O.C.E.,
Phoenix, Arizona.

Thanks for your letter of September 16. We shall gladly await the outcome of your request for authority to prepare the supplemental plat. In the meantime, we are advising the proponent regarding your findings as concerns Tract No.1.

F.C.W. Pooler
By Morton M. Cheney

From "Decision" of Aug. 25, 1943, Thos. C. Havell, Asst.Com.GLO

Tract No.5. Beginning at Corner No.1, whence the $\frac{1}{4}$ corner on the south boundary of Section 35, T. 16 N., R. 2 E., bears S. $28^{\circ} 15' 30''$ W. 1346.01 ft., Cor. No.3 of the Blowout Claim Mineral Survey No. 1362 bears S. $5^{\circ} 54' 30''$ E. 83.41 feet. Thence S. $84^{\circ} 05' 30''$ W. 466.69 feet to Corner No.2. Thence N. $5^{\circ} 54' 30''$ W. 466.69 feet to Corner No. 3. Thence N. $84^{\circ} 05' 30''$ E. 466.69 feet to Corner No.4. Corner No.2 of the Blowout Claim, Mineral Survey No. 1362, bears N. $5^{\circ} 54' 30''$ W. 25 feet. Thence S. $5^{\circ} 54' 30''$ E. along westerly end line of the Blowout Claim, Mineral Survey No. 1362, 466.69 feet to Corner No. 1, the place of beginning, embracing an area of 5 acres, more or less, located in Section 35.

.....

The records of the General Land Office show that the selected Tract No. 5 within surveyed Sec. 35, T. 16 N., R. 2 E., G.&S.R.M., might be affected by transmission lines pursuant to the Act of February 15, 1901 (31 Stat. 790), to Arizona Power and Light Company--permit granted by the Forest Service. See Miscellaneous 311770 and 311773-13. Upon the determination of the official description or designation of this tract, the applicant company should have an examination made of the tract by a competent person and a report submitted showing whether the transmission lines affect the tract.

Applicant offers $S\frac{1}{2}$ NE $\frac{1}{2}$ Sec.3, T 23N R4E

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
CADASTRAL ENGINEERING SERVICE
PUBLIC SURVEY OFFICE

SAFELY THE
UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
WASHINGTON

APPEAL

Philips Dodge Corporation
Against National Forest

Forest Exchange
1002217 "18"
(Phoenix)

Appeals from Philips Dodge Corporation, the above-named applicant, and appeals from the decision of the Commissioner of the General Land Office in the above-entitled matter, entered on October 18, 1943, in which decision the exchange applicant was directed to withdraw the application to the extent of an alleged conflict with Virginia Claim, Survey No. 2483, said decision being based upon a recommendation under date of September 18, 1943, by the Cadastral Engineer Service, Public Survey Office, Phoenix, to the effect that a fractional part of Tract No. 1 of the selected lands is covered by patent to the aforesaid Virginia Claim.

Appeal is made upon the ground, and for the reason, that there is no conflict between the Virginia Claim and Tract No. 1; the Virginia Claim excluded the Red Jacket Claim, and the mineral survey showed the end line of the Enchanter No. 2 claim as being the side line of the Red Jacket claim. The claim was not, however, monumented in that manner and there remained a narrow triangular fraction between the Red Jacket and Enchanter No. 2 claims. This open ground is now covered by Tract No. 1. There is no real conflict of interest between the owners of Virginia Claim, Enchanter Claim No. 2, Red Jacket, and the aforesaid Tract No. 1, inasmuch as all of the foregoing claims are now owned by the exchange applicant, Philips Dodge Corporation; however, according to the surveys and investigations of the exchange applicant, Tract No. 1 is, in fact, open ground.

For this reason it is respectfully urged that the Commissioner grant this appeal and modify his decision of October 18, 1943, to approve the above noted forest exchange application without requiring the exchange applicant to withdraw the application to the extent of the aforesaid alleged conflict.

PHILIPS DODGE CORPORATION

By: CHAMBERS, BROWN & FAYDEN

Wm Chambers

113 attorneys.

Dated: November 2, 1943.

POOR QUALITY

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Rec'd with
10/23/43 from
Cone. with letter of appl.
(Trans. to Commission
D. Inf. 10/11/43)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
CADASTRAL ENGINEERING SERVICE
PUBLIC SURVEY OFFICE

Phoenix, Arizona
October 11, 1943

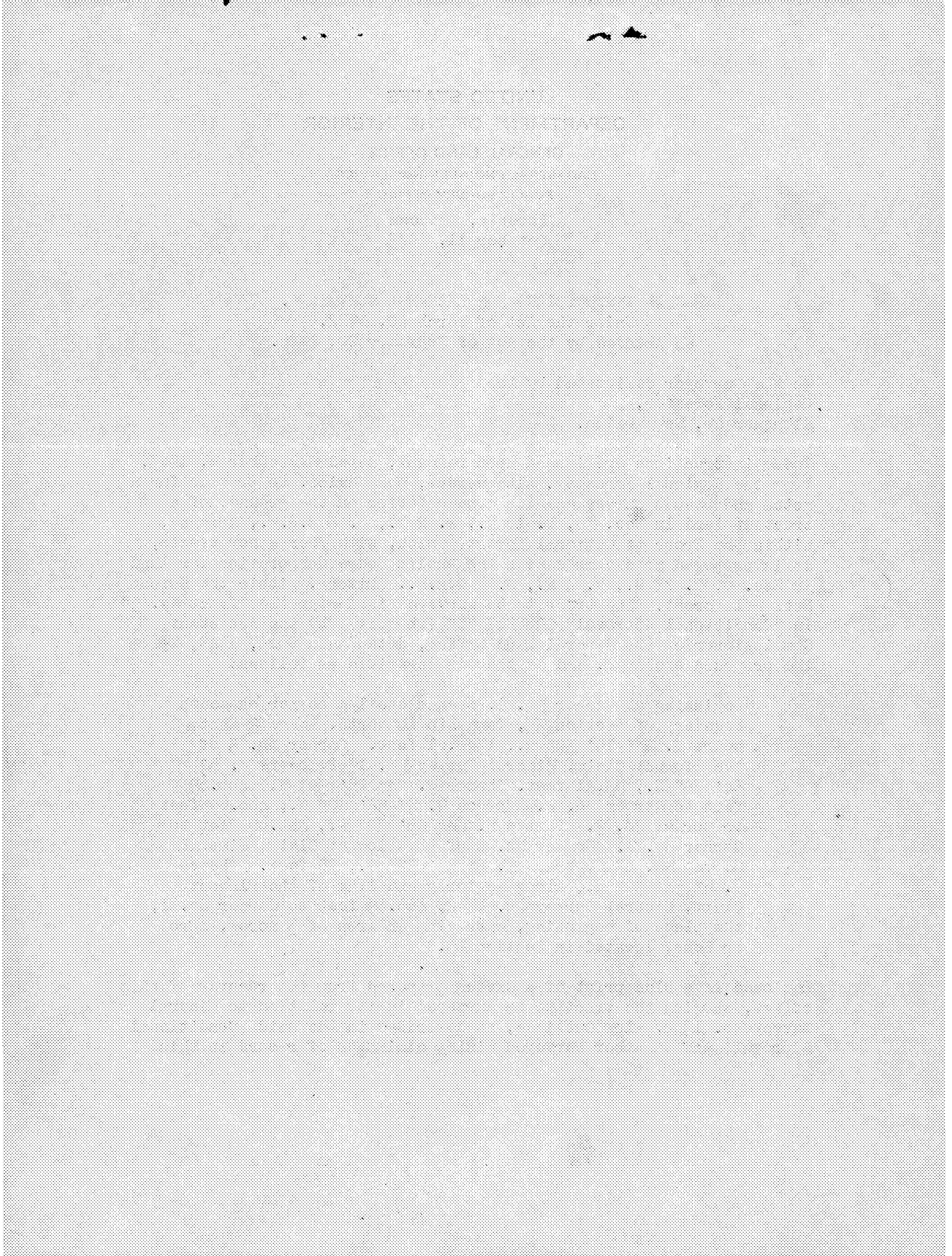
SPECIAL INSTRUCTIONS FOR EXCHANGE SURVEY NO. 673
Under the Act of March 20, 1922,
as Amended by the Act of February 28, 1925.

To the Surveyor designated by the
Regional Forester,
Albuquerque, New Mexico.

These instructions are issued upon request, dated September 6, 1943, from the Regional Forester, Albuquerque, New Mexico, to provide for a metes and bounds survey and its monumentation on the ground, of a tract of land in Sec. 35, T. 16 N., R. 2 E., G. & S.R.M., Arizona, within the Prescott National Forest, which, with four other tracts, it is proposed to exchange with the Phelps Dodge Corporation for land in Sec. 8, T. 23 N., R. 4 E., G. & S.R.M., Arizona, within the Kaibab National Forest. The tract to be surveyed is designated "Tract No. 5" in "Conditional Approval" 1962217 "K" (Phoenix), by the Assistant Commissioner of the General Land Office, dated August 25, 1943, of the proposed exchange, and is therein described as follows:

"Beginning at Corner No. 1, whence the 1/4 corner on south boundary of Section 35, Township 16 North, Range 2 East bears S. 28° 15' 30" W., 1348.01 feet. Corner No. 3 of the Blowout Claim, Mineral Survey No. 1362, bears S. 5° 54' 30" E., 83.41 feet. Thence S. 84° 05' 30" W., 466.69 feet to Corner No. 2. Thence N. 5° 54' 30" W., 466.69 feet to Corner No. 3. Thence N. 84° 05' 30" E., 466.69 feet to Corner No. 4. Corner No. 2 of the Blowout Claim, Mineral Survey No. 1362, bears N. 5° 54' 30" W., 25 feet. Thence S. 5° 54' 30" E., along westerly and line of the Blowout Claim, Mineral Survey No. 1362, 466.69 feet to Corner No. 1, the place of beginning, embracing an area of 5 acres, more or less, located in Section 35."

Enclosed is a blue print of a sketch prepared from the records of this office, showing the tract to be surveyed in its relation to Mineral Survey No. 1362, Blow Out lode, as described in the said "Conditional Approval" and to other surveyed mining claims as of record in this



office. It will be noted that the tract apparently is entirely within the boundaries of Mineral Survey No. 4215, Blow Out No. 2 lode, and that the approximate north two-thirds is within the boundaries of Mineral Survey No. 2205, Key West No. 2 lode; neither of these two lodes appears to have been patented.

Line 2-3 of Mineral Survey 1362, Blow Out lode, will be retraced and the east boundary of this survey established thereon, with distances to Cors. 2 and 3 of the Blow Out lode, noted from the northeast and southeast corners respectively, of your survey. From this east boundary, as so established, the survey of the tract will be projected as a square, such being the evident intent as construed from the above description. The southwest corner of the survey, which is the nearest to a public land corner, will be established as Cor. No. 1, and will be tied to the $\frac{1}{2}$ Sec. Cor. on the south boundary of Sec. 35, T. 16 N., R. 2 E., a regulation iron post with brass cap. From the northeast corner of your survey, a connection will be made to Cor. No. 4 of Mineral Survey No. 2205, Key West No. 2 lode, and line 3-4 of said lode will be retraced in order that the conflict with the Key West No. 2 lode may be determined. A tie will also be made to a corner of Mineral Survey No. 4215, Blow Out No. 2 lode, from a corner of your survey, in order that the conflict with said lode may be authenticated.

In connection with this survey you will make the necessary examination and report whether this tract is affected by transmission lines pursuant to the Act of February 15, 1901, (31 Stat. 790), to Arizona Power and Light Company -- permit granted by the Forest Service.

You are referred to the Manual of Instructions for the Survey of the Public Lands of the United States, of 1930, and to the Ephemeris of the Sun and Polaris and Tables of Azimuths of Polaris, as well as to General Land Office Circulars No. 235, dated April 30, 1913, and No. 880, dated March 10, 1923, which contain regulations and instructions which apply to the execution of surveys of this nature.

For your use in connection with this survey there are enclosed the following:

Copy of the plat of Mineral Survey No. 4215, Blow Out No. 2 lode and description of the corners of such survey with report on the corners of Surveys 1362 and 2205, all as contained in the field notes of Mineral Survey No. 4215, also description of Cors. 2 and 3, Blow Out lode, Sur. 1362 and of Cors. 3 and 4, Key West No. 2 lode, Sur. 2205, as appear in the original field notes of such surveys.

This survey will be designated as EXCHANGE SURVEY NO. 673.

E. A. Thompson
Office Cadastral Engineer.

Approved:

10/23/43

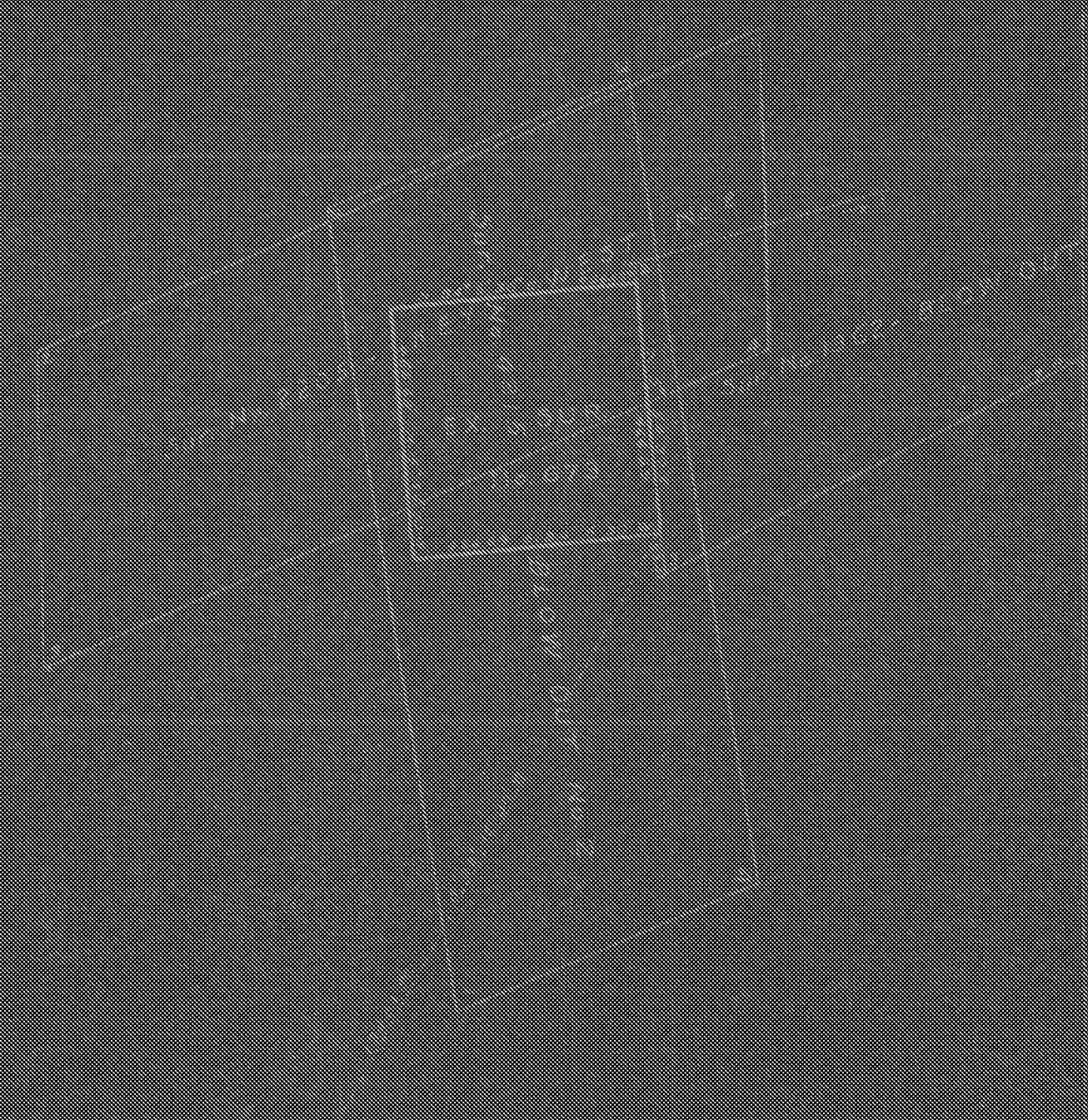
(See letter from same date)
Assistant Commissioner.

POOR QUALITY

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ASSIGNMENTS		S	E	W	
S 29° 15' 30" W	347.01	1197.25		238.21	
N 40° 16' E	395.8	232.97			673
N 9° 44' W	623.59	614.61		105.92	
S 63° 51' W	91.84		4.91	81.73	
N 5° 54' 30" W	183.91	22.44		1.55	
N 67° 12' E	616	118.71	527.86		
		1228.25	1238.26	822.98	438.67

THE
ANNUAL REPORT
OF THE
EXCHANGE SURVEY, No. 73
IN CONNECTION WITH THE
REVISION



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