4-683

MINERAL SURVEY No. 4327

	Arizona L	and District.
	FIELD NOTES	S
	OF THE SURVEY OF THE MINING C	LAIM OF
	Charles W. Allen and Joha	nna Allen
	KNOWN AS THE	
	EPRING NO. 1	
***************************************	Warren	
	Cochise County,	Arizona
	6 , Township 23 5. eyed under instructions dated May 14 by Rel	
		, 19 ¹⁷
	Survey commenced June 30	, 1948
	Survey completed July 2	, 19 48
	Address of claimant sattorney, An	Bisbee, Arizona.
	August 21, 1942.	ONS.
6—822		

MINIBAL SURVEY No. 2021

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Ellonia,

This survey was made with a C. L. Berger & Sons precise transit, with horizontal limb 6.25 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 slide in a detachable prismatic eyepiece for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

ll azimuths in this record were determined by the method of deflection angles referred to the meridian de-

termined by the following observation:

July 2, 1948, at Cor. No. 1 of the Spring No. 1 lode, in Latitude 31° 27' 45" N., and longitude 109° 58' W., I made a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from Cor. No. 2 to the sun.

Mean time of observation, 105th meridian standard time 8 h., 20 m. A.M.

Declination of sun at mean time of observation

23° 01' 23" N.

Mean observed vertical angle to

2 to sun's center

35° 31'

sun's center Mean horizontal angle from Cor. No.

56° 43' N-E

True bearing to Cor. No. 2 No. 26° 00' E. The lines were measured with a Keuffel & Esser steel tape 300 feet in length, graduated to feet, tenths and hundredths of feet for the entire length; a Keuffel & .Esser, steel. tape. 100 feet in length, graduated to feet, tenths and hundredths of feet for the entire length; a Keuffel & Esser steel tape 25 feet in length, graduated to feet; inches and fractions of inches for the entire length; all tapes were compared to a Lufkin standard at the time of beginning the survey, and found correct.

All lines and connections of the survey were run by

direct, methods.

The magnetic declination observed at each cormer of the survey gave a uniform value of 12° 30' East.

Survey No. 4327

Feet

1 00 1

285

300

SPRING NO. 1 LODE

At Cor. No. 1 of the Spring No. 1 lode

No. 11 30 per-, ep-per-per-setting graduation and the contract of the

Set an iron pipe, 2 ins. diam., 36 ins. long, 18 ins. in the ground, with brass cap mkd. S1-1-4327; from which

The 1/4 corner of Secs. 1, T. 23 S., R. 23 E., and 6, T. 23 S., R. 24 E., G. & S. R. M., bears S. 78° 33' W., 1121.7 ft. dist.; an iron post, 1 in. diam., 15 ins. above ground, with brass cap, firmly set, marked as described in the official record.

.. Thence N. 26° 00' E.

.145 Tombstone Canyon, 15 feet wide, course N. 85° W.

Main telephone toll line, Bisbee to Tucson, bears N. 75° W., and S. 75° E.

Lode line; discovery point bears S. 64° 00' E., 300 ft.

U. S. GOVERNMENT PRINTING OFFICE 10-28520-1 2

	reet	
		dist.
	480 .	Electric Power line, bears N. 72 W., and S. 72° E.
	.leoi	trov Link See . uncloser etisor to states one int
be e	Tillo	Cor. No. 2, identical with Gor. No. 4 of Survey No. 3624 Herrin # 3 lode,
776-	the gus	set in concrete, with copper tag on side mkd. S1-2-
		monument of rocks, 3 ft. high, bears northeasterly 3 ft. dist.
	188	Thence S. 64 100 E. Thence S. 64 200 E. The ni
	72	Electric Power line, bears North and South
-5	84.5	Electric Power line, bears N. 72° W., and S. 72° E.
ù	1500.0	Cor. No. 3, identical with Cor. No. 3 of Survey No. 3624 Herrin # 3 lode and situated on line 4-1 of Survey No. 3624 Little May lode
		an iron pipe, 3 1/2 ins. diam., 30 ins. above ground, set in concrete, with copper tag on side mkd. S1-3-4327; in addition to 3-3624 H 3.
	Leeta 1	a monument of rocks, 3 ft. high, bears northeasterly 3 ft. dist.
	follot to feet	A granite ledge, 22 x 78 ins., 6 ins. above ground bears N. 17° 47' W., 10.2 ft. dist., mkd. BR X Sl-
	Joga Joga	A granite rock in place, 23 x 34 ins., 14 ins. above ground bears 38° 38' E., 15.4 ft. dist., mkd. BR X Sl+3-4327-3-3624.
		Thence S. 269 00' W.
		Tombstone Canyon, 10 ft, wide, bears WEST
-	50	Main telephone toll line, Bisbee to Tucson, bears N. 64° W., and S. 64° E.
	230.0	Cor. No. 4 of Survey No. 3624 Little May lode
	265	Center of road, bears S. 68° E., and S. 89° W.,
	300	Lode line, discovery point bears N. 64° 00' W., 1200 ft. dist.
M	600.0	Cor. No. 4 38 . asib . ani
	8-308-, 88-38 11-, mal	Set an iron pipe, 2 1/2 ins. diam., 36 ins. long, 20 ins. in the ground, with brass cap, mkd. S1-4-4327; from which
	, ta	monument of rocks, 3 ft. high, bears northeasterly 3 ft. dist.
		Thence N. 64° 00' W.,
	645 "	Center of road, bears S. 86° 30' W., and N. 86° 30' E.
	914	Center of road, bears N. 14° W., and S. 14° E.
	1500.0	Cor. No. 1, and place of beginning.

AREA MAREA

acres

forming the Totallarea, Spring No. 1 lode - - - - - 20.661

LOCATION

This survey is located in the NE 1/4, SE 1/4, SW 1/4 and NW 1/4 of sec. 6, T. 23 S., R. 24 E., Gile and Selt River Meridian.

The survey of the Spring No. 1 lode is identical with the amended location as marked on the ground.

EXPENDITURES

The improvements and the value of the labor and improvements made upon this lode location by the claimants or their grantors are as follows:-

- No. 1 The discovery cut of the Spring No. 1 lode, the face of which being the discovery point is on the lode line 300 ft. from a point on line 1-2, 300 ft. from Cor. No. 1; 4 ft. wide, 10 ft. face, running South 18 ft. to face

 Value, \$100
- No. 2 A shaft, the center of which bears N. 40° E., 152 ft. dist, from Cor. No. 1 of the Spring No. 1 lode; 4 x6 ft., 15 ft. deep Value, \$100
- No. 3 A shaft, thencenter of which bears S. 15° 30' E., 275 ft. from Cor. No. 2 of the Spring No. 1 lode; 4 x6 ft., 10 ft. deep

 Value \$75'
- No. 4 An open cut, the mouth of which bears S. 12° 20' E., 330 ft. from Cor. No. 2 of the Spring No. 1 lode; 4 ft. wide, 8 ft. face, running North 17 ft. to face Value \$75
- No. 5 An open cut, the mouth of which bears S. 40° 30' E., 340 ft. from Cor. No. 2 of the Spring No. 1 lode; 6 ft. wide, 8 ft. face, running North 8 ft. to face Value \$50
- No. 6 An open cut, the mouth of which bears S. 45° 30' E., 540 ft. from Cor. No. 2 of the Spring No. 1 lode; 4 ft. wide, 6 ft. face, running N. 10° W., 10 ft. to face Value, \$25
- No. 7 An open cut, the mouth of which bears N. 70° 30' W., 700 ft. from Cor. No. 3 of the Spring No. 1 lode; 4 ft. wide, 6 ft. face, running N. 45° W., 15 ft. to face Value, \$40
- No. 8 An open cut, the mouth of which bears N. 72° 15' W., 665 ft. from Cor. No. 3 of the Spring No. 1 lode; 6 ft. wide, 8 ft. face, running North 16 ft. to face Value, \$80
- No. 9 An open cut, the mouth of which bears N. 72° 15' W., 660 ft. from Cor. No. 3 of the Spring No. 1 lode; 4 ft. wide, 6 ft. face, running East 10 ft. to face Value \$25

160.03

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L in Inc

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Survey No. 3624 - Herrin # 3 lode: line 3-4 is correct as approved. Little May lode: Cor. No. 4 is an iron pipe set in concrete. Line 4-1 is correct as approved.

A LA CA TELEMENT ASSISTANTS. TO LA CALLED TO THE COLUMN TO THE CALLED TO

Charles L. Lewis

chainman

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7 .00

Jose Carbajal

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No. 1 a grants, the center of thick pears W. and J., 15 ft. d at,

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n order but, the nouth of which bears a. 707 20 W. 70 Ft. from Usi. to 5 of the spring No. 1 lode; 4 fr. Wise, 6 11. fore, rauging N. 45° W., 12 Ht. t. race Value, 040

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in order out, the mouth of which bears is The from Lot. 1 lode; the from Lot. 1 lode; the surface of the fact, 10 ft. to 12 or velos, 980

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U. S. GOVERNMENT PRINTING OFFICE 16-28520-1

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL-EAND OFFICE Bureau of Land Management

FINAL OATH OF MINERAL SURVEYOR

I, Ralph L. Motz	, Mineral Surveyor,
do solemnly swear that, in pursuance of ins	structions received from the Office Cadastral
Engineer, at Phoenix, Arizona	, dated <u>May 14, 1948</u> ,
I have, in strict conformity to the laws of	the United States, the official regulations
and instructions thereunder, and the inst	tructions of said Office Cadastral Engineer,
faithfully and correctly executed the sur	rvey of the mining claim of
Charles W. Allen and Johanna A	llen , known as the
Spring No. 1	······································
situate in Warren	Mining District,
Cochise County,	Arizone , in Section
6 , Township No. 23 S	, Range No. 24 E., G&SRM
and designated as Survey No. 432	7 as represented
in the foregoing field notes, which accura	ately 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	ived by me from the Office Cadastral Engineer
with said instructions, and that all corne	ers of said survey have been established and
perpetuated in strict accordance with th	e law, official regulations and instructions
thereunder; and I do further solemnly swea	er that the foregoing are the true and original
field notes of said survey and my report	therein, and that the labor expended and im-
provements made upon said mining claim by	claimant or their
grantors are as therein fully stated, and	i that the character, extent, location, and
itemized value thereof are specified the	rein with particularity and full detail, and
that no portion of said labor or improvement	ts so credited to this claim has been included
in the estimate of expenditures upon any of	ther claim.
	Ralph L. Mos
Subscribed and sworn to by the said	Relph L. Motz
Mineral Surveyor, before me W. H. Mie	
	this and
day of <u>July</u> , 19.48	lost Mierchen
	Notary Public, in and for the County of Cochise, State of Trizona.
U. G. GOVERNMENT PRINTING OFFICE 8-9475	of the state of th

My commission expires Feb.3, 1949.

UNITED STATES DEPARTMENT OF THE INTERIOR DEMARKS STREET BUT BUT OF THE METERS OF

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I commission expires teb.5, 1948,

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR

GENERAL LAND OFFICE BUREAU OF LAND MANAGEMENT PUBLIC SURVEY OFFICE

		At Phoenix, Arizona	
		August 5, 19	48
I, Office Cadastr	al Engineer at Phoeni	x, Arizona	
do hereby certify tha	t the foregoing and hereto at	tached Field Notes and Return of the Survey of t	the
		Johanna Allen	
		, known as t	
	SPRING N	0.1	
situate in	Warren	mining distri	ct,
Cochis	e County,	Arizona	
in Section 6	, Township No.	23 S. , Range No. 24 E.	
G.& S.R.M.	, designated as Survey No	4327	
executed by	Ralph L.	Motz , Miner	ral
Surveyor, June 30	to July 2,	, 19 48, under my instructions dat	ed
May 14	, 194	48, have been critically examined and the necessa	ry
corrections and explan	nations made, and the said Fi	eld Notes and Return, and the Survey they describ	œ,
are hereby approved.	The certified copy of the lo	cation certificate filed by the applicant for survey	is
on file in this office ar	nd a true copy of said certif	ned copy of said location certificate is included an	nd
made a part of the tra	anscript of the field notes.		

Frank W. Chapin.
Office Cadastral Engineer.

6-7181 U. S. GOVERNMENT PRINTING OFFICE

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF

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