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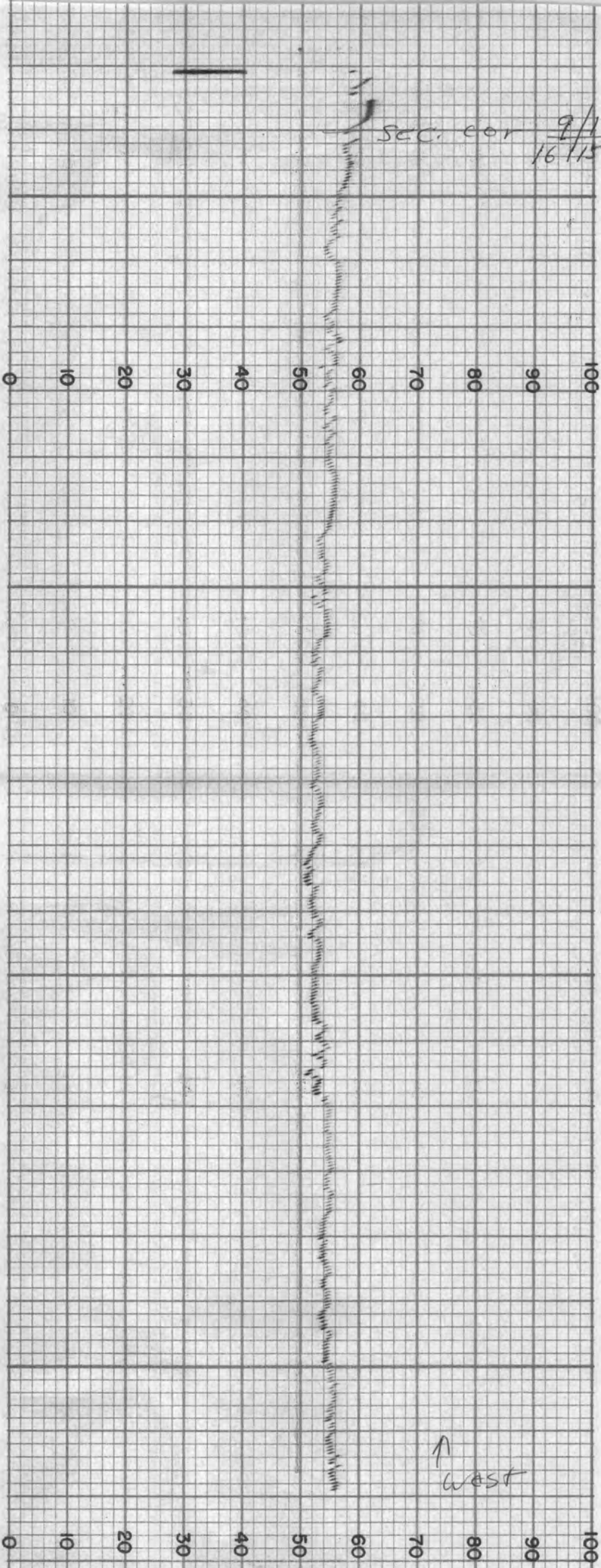
In making the map from these records & adjustments allowances were made for diurnal, heading changes etc.



THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Exph Syndicate

RECORD NO. Test Run DATE 9/20/60

SENSITIVITY 200 GAMMAS /½ In. S.D

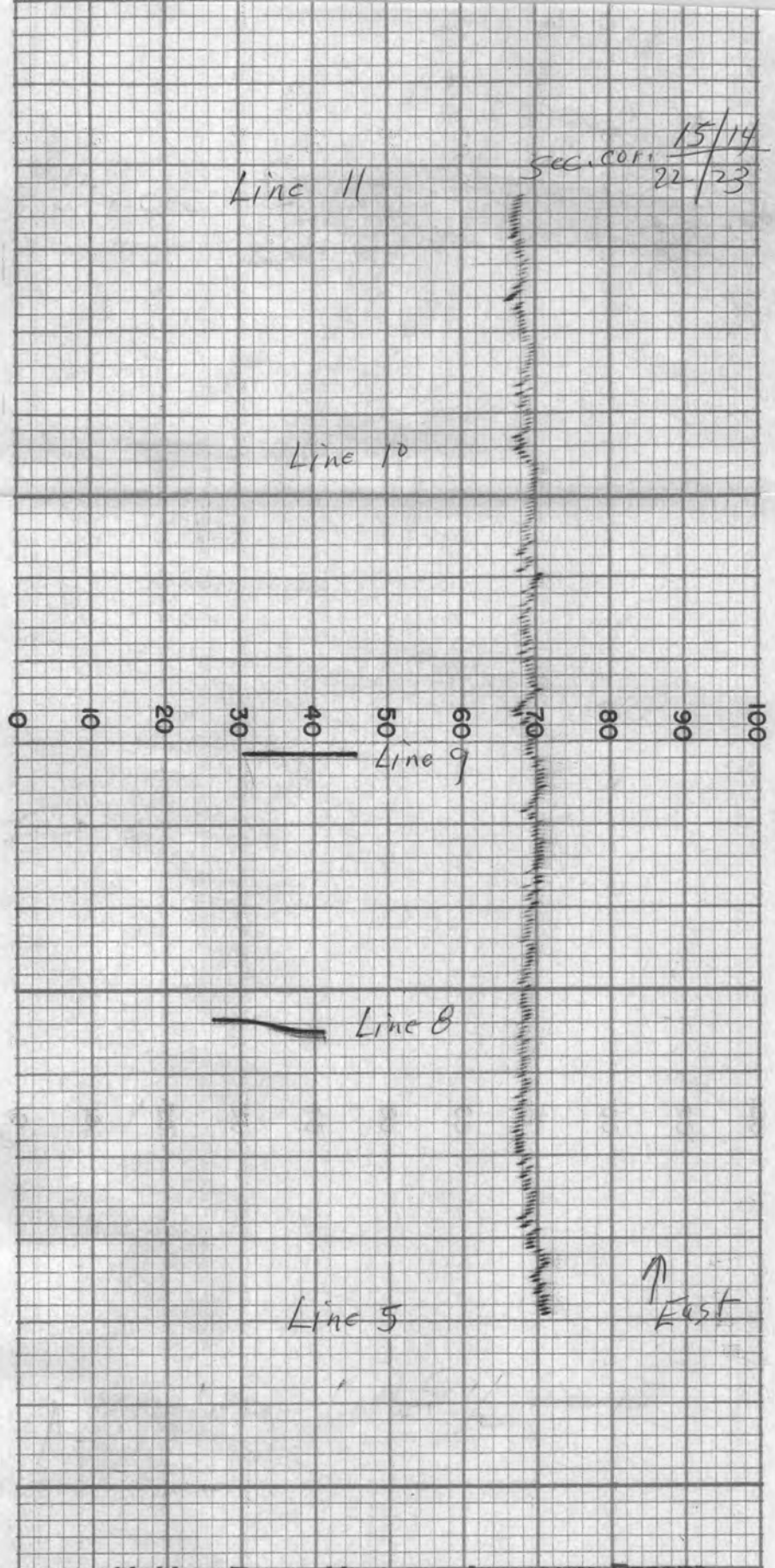
HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

Pima County Arizona

West on Helmet Peak Rd from

Line 9 to Line 1



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. ..... DATE 9/29/60

SENSITIVITY 200 GAMMAS 1/2 In. S.D

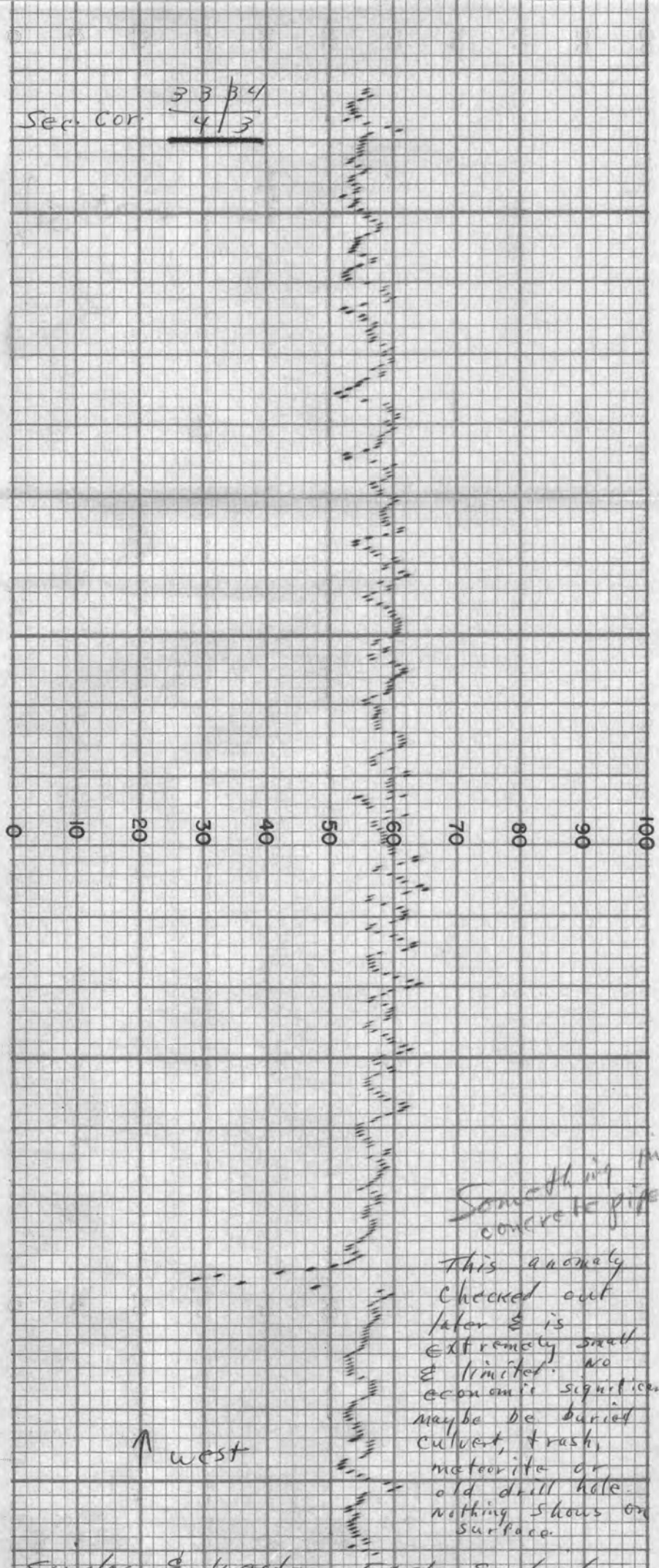
HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

Pima County, Arizona

East Along South section Line Section 15 from Line 4 to Line 11 at Section Cor. 15/14 22/23

S, IND., U.S.A. CHART NO. 17491X

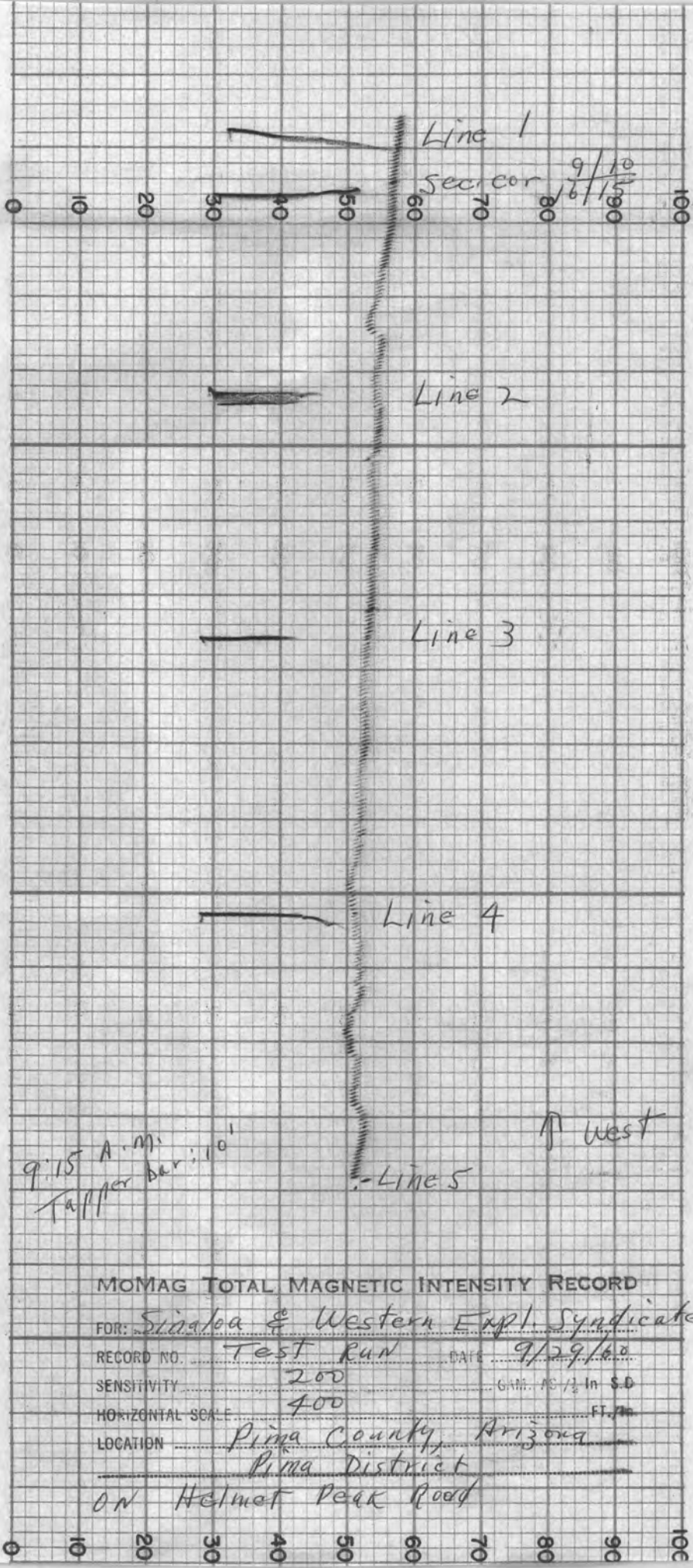


Something in concrete pipe line

This anomaly checked out later & is extremely small & limited. No economic significance. maybe be buried culvert, trash, meteorite or old drill hole. nothing shows on surface.

Sinaloa & Western Expl. Syndicate
9/10/60 200 γ/400'/" Pima district
on section line 34/3 west from
Line 7 to Line 1 at sec. cor 33|34 / 4|3

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND.,



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Test Run DATE 9/29/60

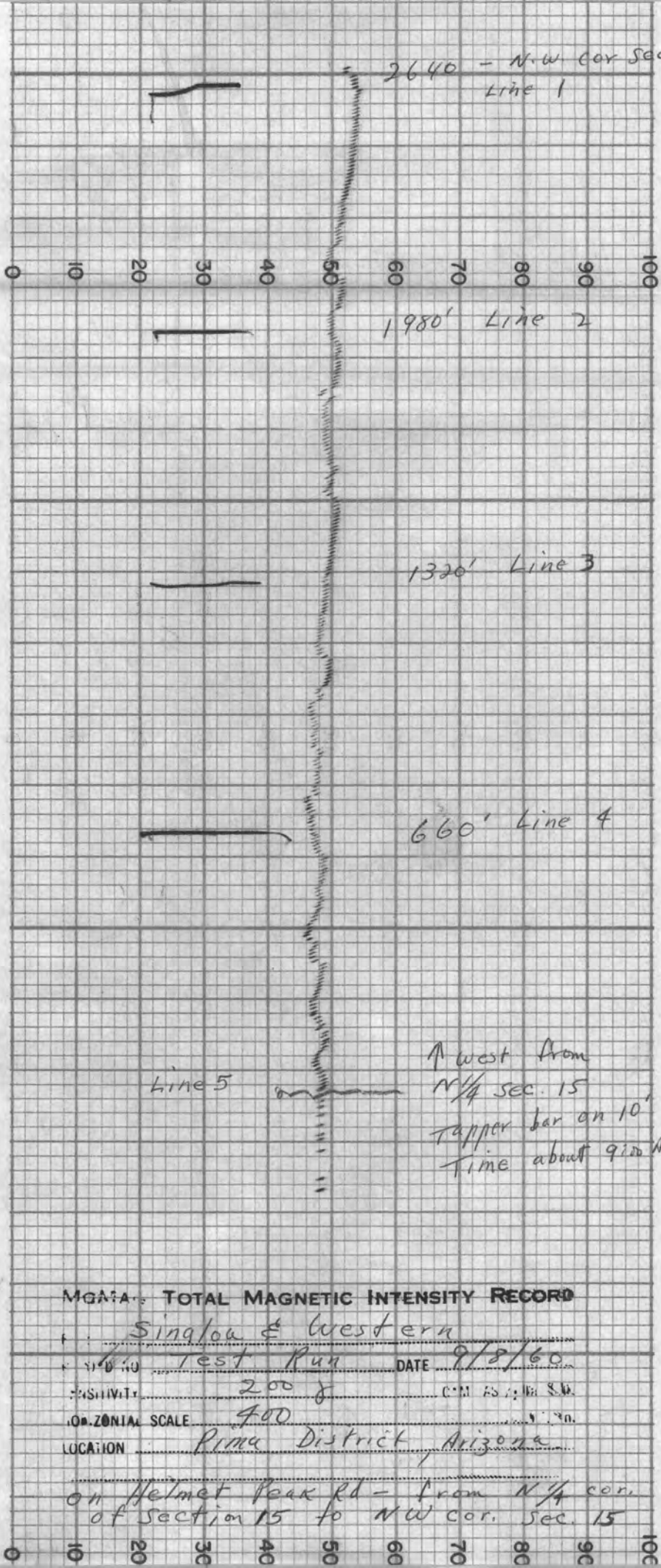
SENSITIVITY 200 G.M. AS 1/2 In S.D

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima County, Arizona

Pima District

ON Helmet Peak Road



MGA TOTAL MAGNETIC INTENSITY RECORD

Singlou & Western

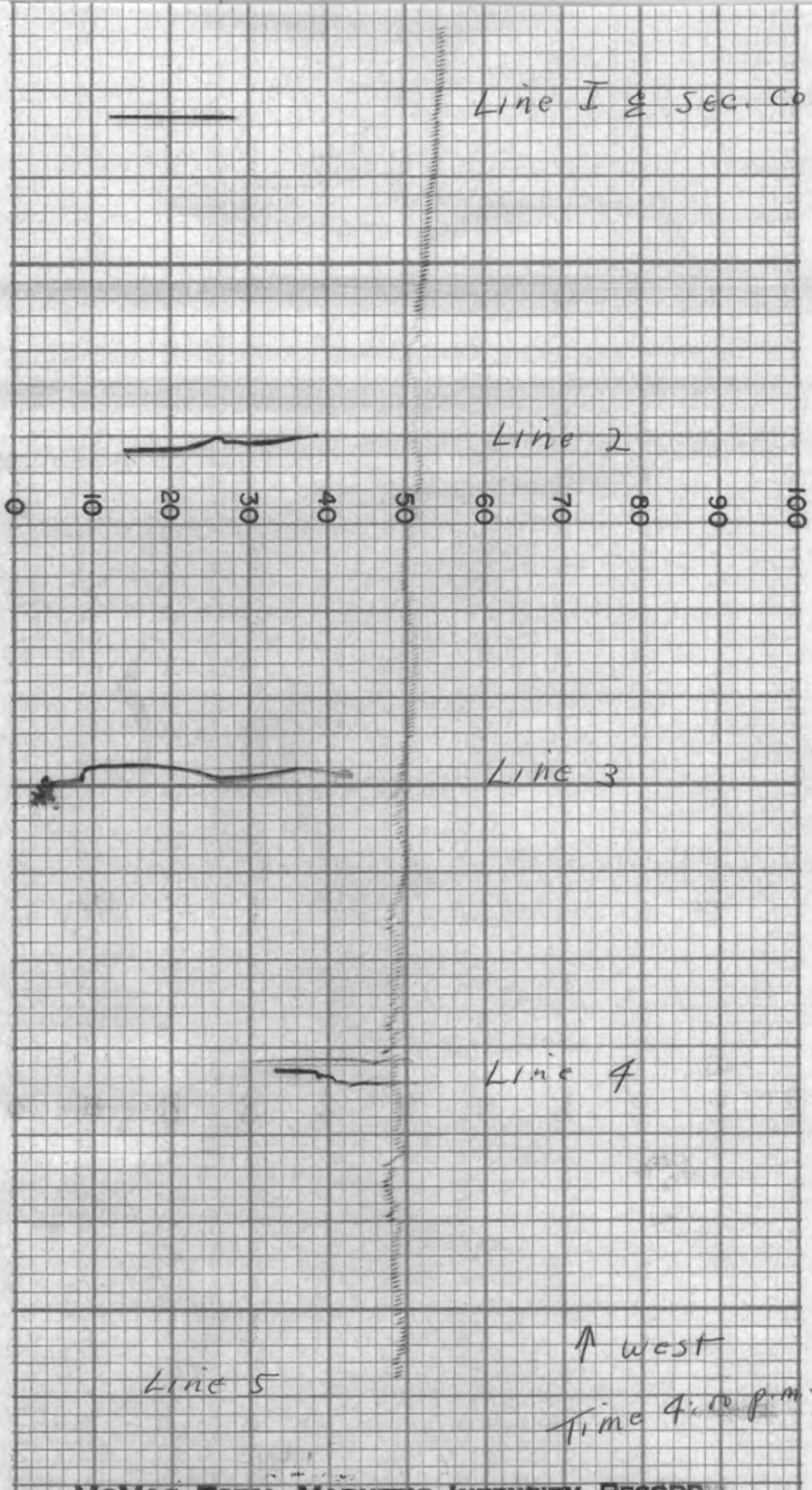
Test Run DATE 9/8/60

200 γ

400

Pima District, Arizona

on Helmet Peak Rd - from N 1/4 cor. of Section 15 to NW cor. Sec. 15



MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Test Run DATE 9/10/60

SENSITIVITY 200 GAMMAS /½ In S.D.

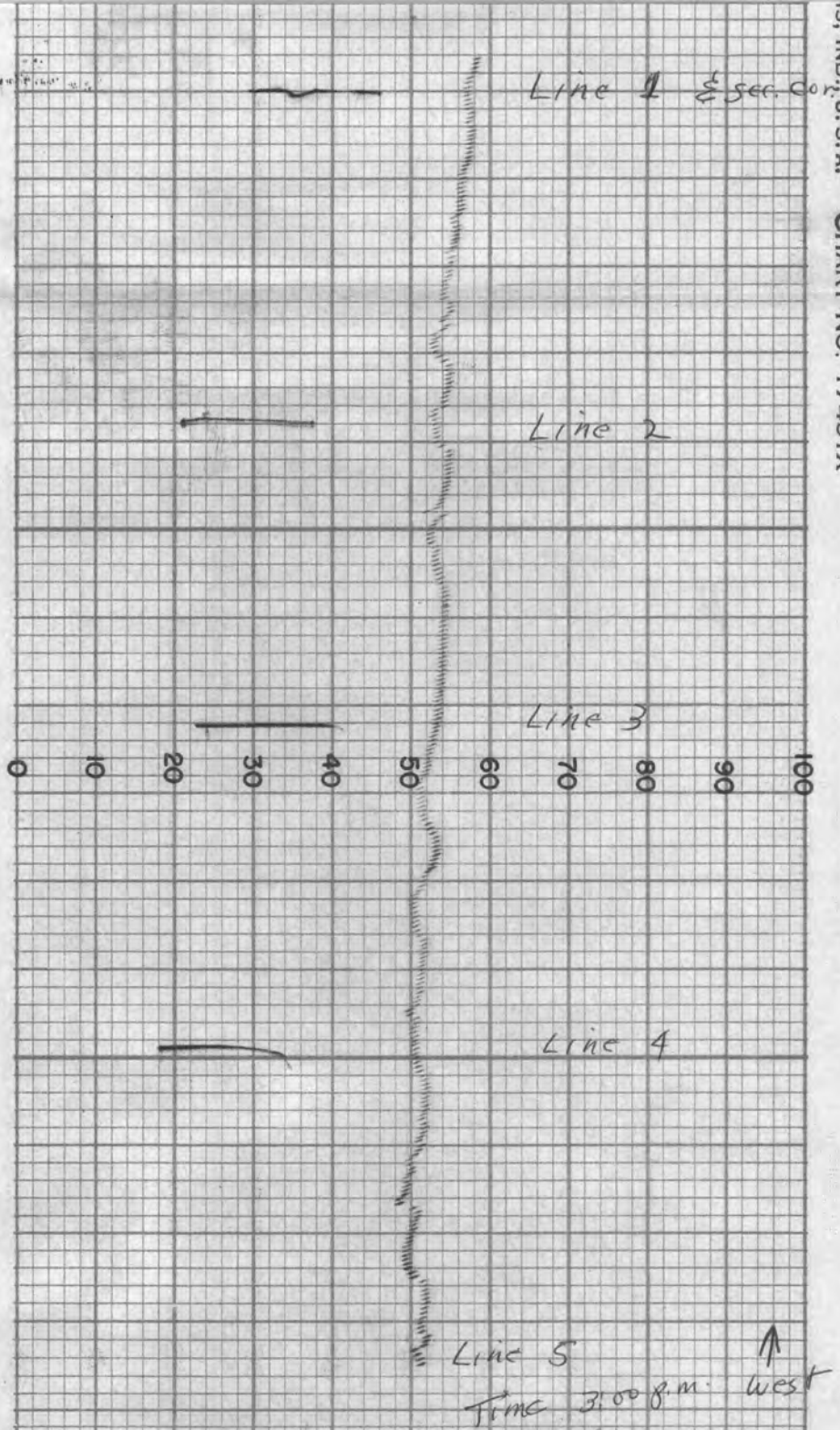
HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

Pima County, Arizona

On Helmet Peak Road — from North 1/4 cor. of section 15 to N.W. Cor. section 15

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A.



IS, IND., U.S.A. CHART NO. 17491X

MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Test run DATE 9/8/60

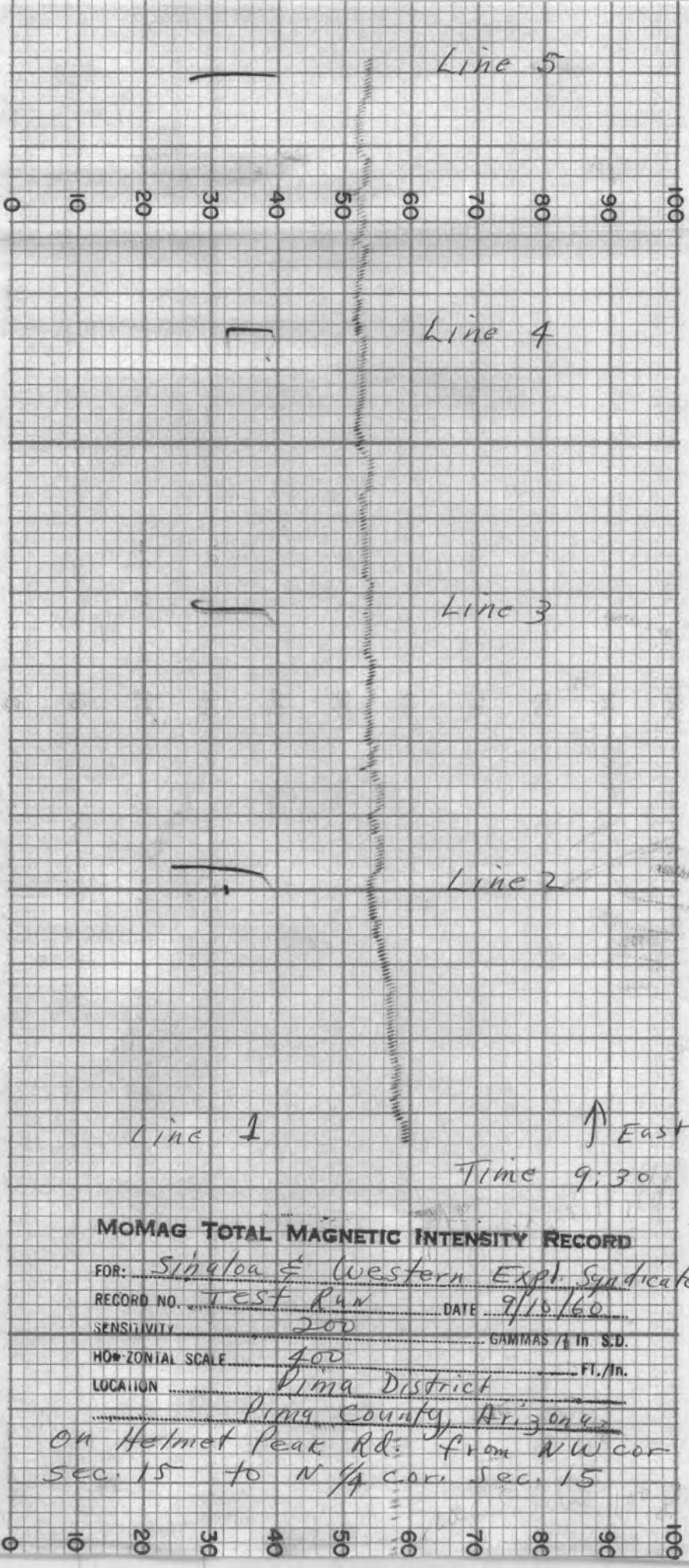
SENSITIVITY 200 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

~~Pima County Ariz.~~

on Helmet peak Rd. from North ¼ corner of section 15 to N.W. corner of section 15



MoMag Total Magnetic Intensity Record

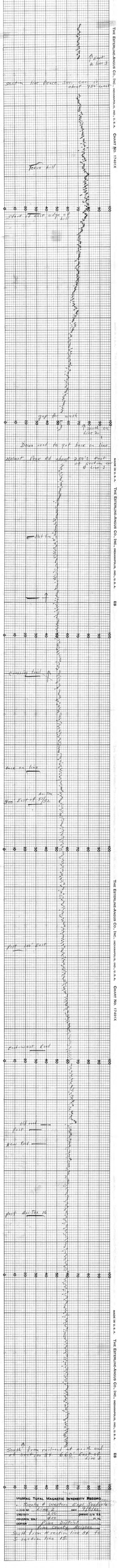
FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Test Run DATE 9/16/60

SENSITIVITY 200 GAMMAS / ½ In S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona
On Helmet Peak Rd. from NW cor
Sec. 15 to N ¼ cor. Sec. 15

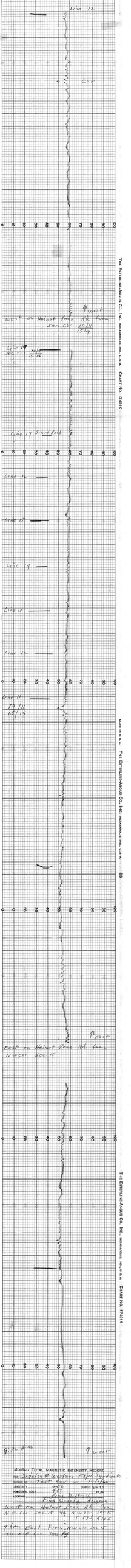

THE ENTERPRISE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X
MADE IN U.S.A.
Point of turn 3
section line fence. Sec. cor. is about 950' west
Fence hill
stood at east edge of hill
gap for wash
Point of turn on Line 20
Dense reed to get back on line
West Fence Rd about 250' east of section cor. Line 3
Hit this
crossing trail
back on line
Ann Tex 900' East of 51/52
pit 100' East
East-West Road
old road
pit
New Road
pit Ann Tex 16
South from section cor. 4 north end of section on Line 4
MONTHLY TOTAL MAGNETIC INTENSITY RECORD
Line 3 Section 4 West Sp. Creek
Line 20 Section 4 MH 41 Sec.
Line 21 Section 4 MH 41 Sec.
Line 22 Section 4 MH 41 Sec.
Line Drilling
Fine County Mississippi
South from section line 15 to S. section line 15.

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17451X

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. E8

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17451X

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. E8


Line 12
Car
West
West on Helmet Peak Rd. from
Sec. Car 10/11
15/14
Line 19
Sec. Car 10/11
15/14
Line 17 Schell Road
Line 16
Line 15
Line 14
Line 13
Line 12
Line 11
10/11
15/14
East
East on Helmet Peak Rd. from
N.W. Cor. Sec. 15
8:30 A.M.
West
MOMAG TOTAL MAGNETIC INTENSITY RECORD
FOR Sinclair & Western Expl. Syndicate
RECORD NO. Test Run DATE 10/1/60
ELEVATION 2000 DATUM 1/10 X 2
HORIZONTAL SCALE 400 FT. VERTICAL SCALE 1 FT. 100
LOCATION Pine District
Pine County, Arizona
West on Helmet Peak Rd. from
N.E. Cor. Sec. 15 to N.W. Cor. Sec. 15
T 17 S R 19 E
Then East from N.W. Cor. Sec. 15
to N.E. Cor. Sec. 14
THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 1749X
MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. 85
THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 1749X

MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 1 DATE 9/8/60

SENSITIVITY 200 GAMMAS / ¼ In. S.D

HORIZONTAL SCALE 400 Ft./In.

LOCATION Pima District
Pima County, Arizona

North along section line from 16|15 21|22 for four miles to south of section cor 28|27 33|34

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X
MADE IN U.S.A.

MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO: Test Run DATE: 10-1-60

SENSITIVITY: 200 GAMMAS /½ In. S.D.

HORIZONTAL SCALE: 400 Ft./In.

LOCATION: Pima District

Pima County Arizona

West on Helmet Peak Rd from Line 14 to Line 1

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X
MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES
THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17

MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Part of Line 5 DATE 9/10/60

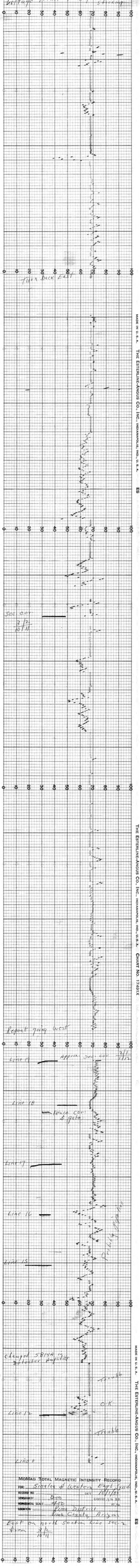
SENSITIVITY 200 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 400 FT./In.

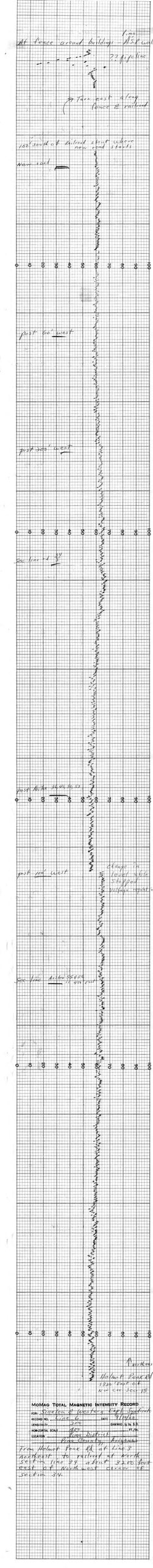
LOCATION Pima District
Pima County, Arizona

North on Line 5 from south section line 15 to north section line 3.

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES
THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X
MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. E



Lettuce trouble & maybe corrector stirring
Turn back East
Sec. cor. 3/2 10/11
Report going West
Line 19
Approx. Sec. cor. 2/1 1/12
Line 18
Fence cor. & gate
Line 17
Line 16
Line 15
Pribilly pipeline
Changed 5814A in detector amplifier
Trouble
Line 12
OK
Trouble
Line 11
MOMAG TOTAL MAGNETIC INTENSITY RECORD
FOR: Singles & Western Expt. Synd.
RECORD NO.
DATE 10/1/01
SENSITIVITY 200
HORIZONTAL SCALE 4 oz.
LOCATION Pima District
Pima County, Arizona
East on north section line sec. 2
from 3/2 10/11
MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES
CHART NO. 17491X



MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate
RECORD NO. Line 6 DATE 9/14/60
SENSITIVITY 200 GAMMAS/1 IN. S.D.
HORIZONTAL SCALE 1/200 FT./IN.
LOCATION Pima District
Pima County, Arizona

From Helmet Peak Rd at Line 3 northeast to railroad at North section line 34 about 3200 feet east of Northwest corner of section 34.

MoMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Test Run DATE 9/30/60

SENSITIVITY 200 GAMMAS 1/2 In S.D

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

Pima County, Arizona

West on Helmet Peak Rd from NE Cor. Sec 15 to N.W. Cor Sec 15

T17S, R13E

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A.

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Test Run DATE 10-1-60

SENSITIVITY 200 GAMMAS 1/2 In S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

Pima County, Arizona

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Test Run DATE 9/29/

SENSITIVITY 200 GAMMAS / ½ In S.D

HORIZONTAL SCALE 400 Ft./In.

LOCATION Pima District
Pima Co., Arizona
Helmet Peak Road

ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X
MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A.

MoMag Total Magnetic Intensity Record

FOR: Sunaloa & Western Expl. Syndicate

RECORD NO. Test Run DATE 9/20/60

SENSITIVITY 200 GAM /S /½ In S.D.

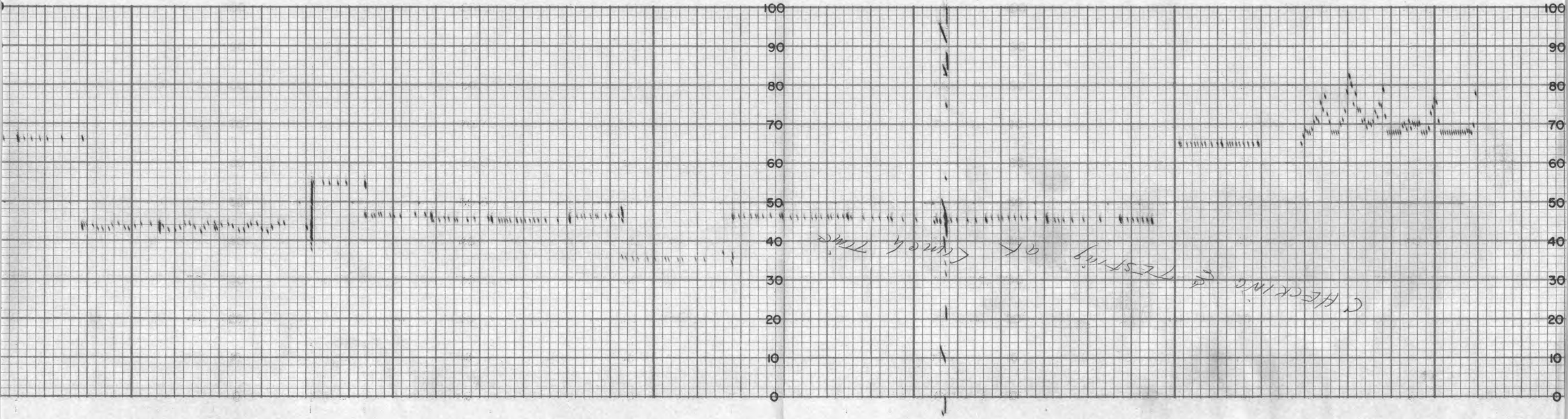
HORIZONTAL SCALE 400 Ft./In.

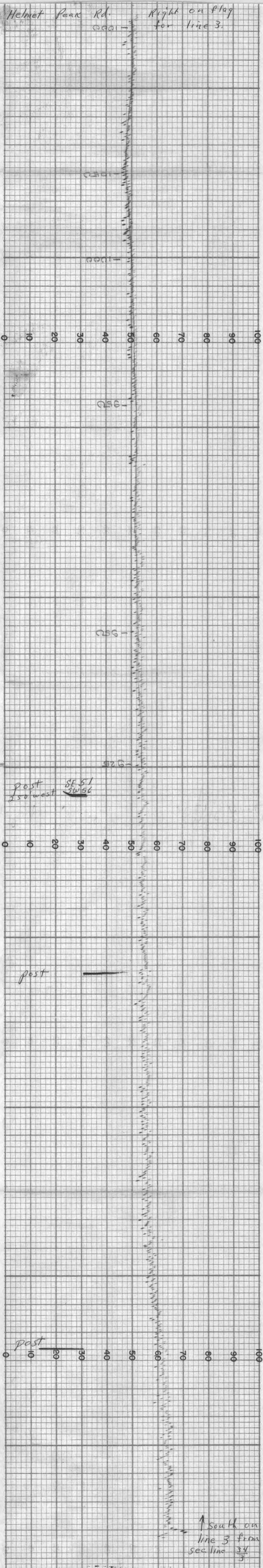
LOCATION Pima District

Pima County Arizona

West on Helmet Peak Rd from N.E. cor sec. 15 to NW cor Sec. 15, T17S, R13E

MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. ES





THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Part of Line 3 DATE 9/10/60

SENSITIVITY 200 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona

South on line 3 from section line road south section line 34 to Helmet Peak Road, north section line 15.

MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. ES

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 8 DATE 9/29/60

SENSITIVITY 200 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

Pima County, Arizona

North on Line 8 from Helmet Peak Rd. north section line section 15 to old road on north section Line Sec. 3

MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 9 DATE 9/20/60

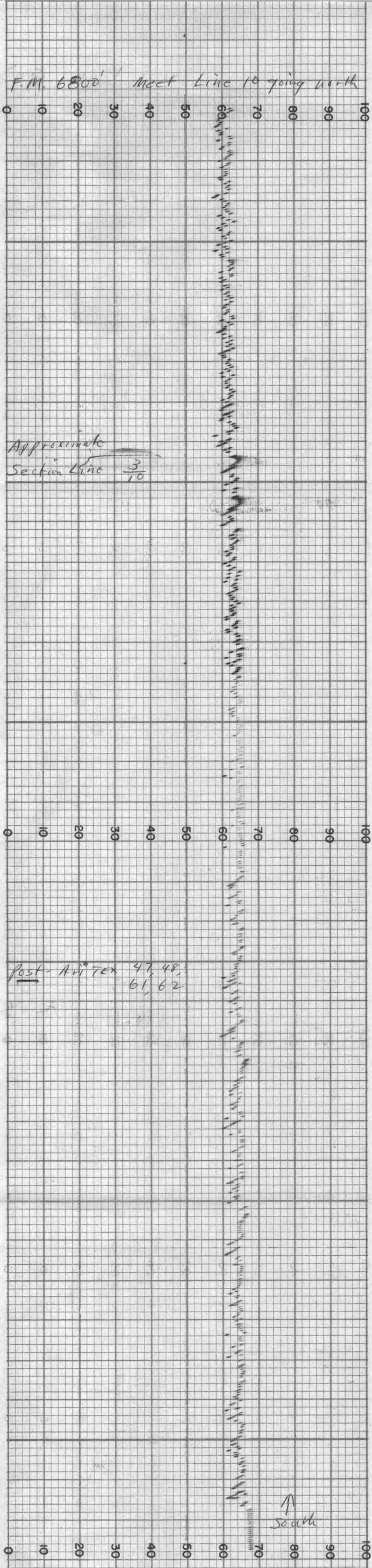
SENSITIVITY 200 GAMMAS /½ In S.D

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona

South across sections 3 and 10
T17S, R13E To Helmet Peak Rd.

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES
THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X



MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Exph. Syndicate

RECORD NO. Line 10 DATE 9/30/60

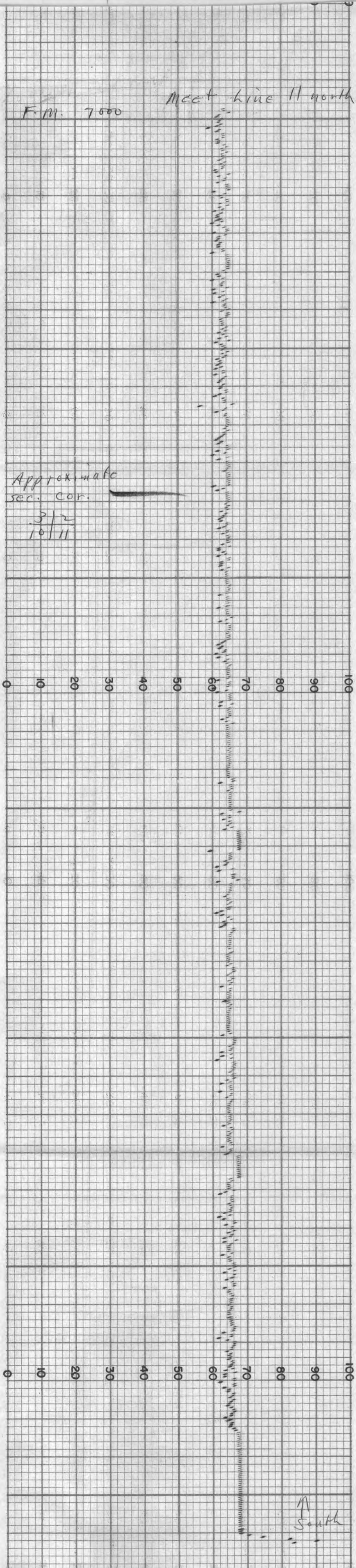
SENSITIVITY 200 GAMMAS /½ In S.D.

HORIZONTAL SCALE 100 Ft./In.

LOCATION Pima District
Pima County, Arizona

Line 10 south from north section line of section 3 across section 3 and part of section 10 until line 10 north was intersected. T17S, R13E

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES



MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 11 DATE 9/30/60

SENSITIVITY 200 GAMMAS 1/2 In S.D.

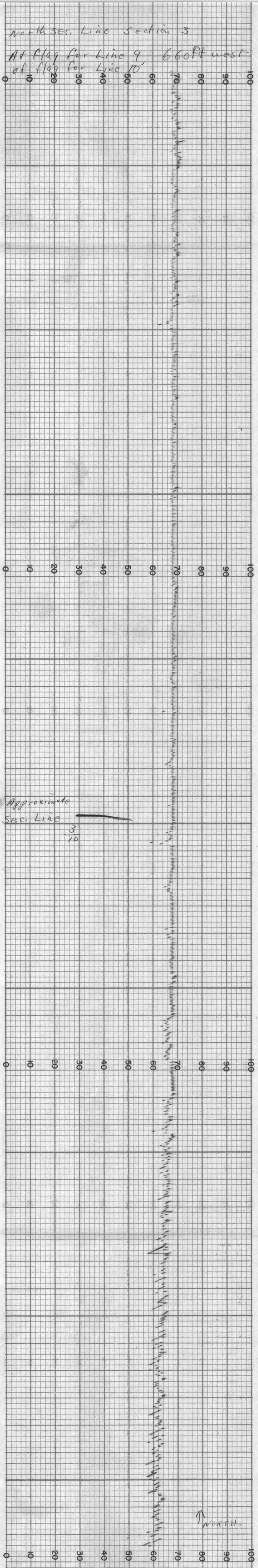
HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

Pima County, Arizona

South along sec. line from 34/35 3/2 till line 11 north was intersected.

MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. ES
THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. CHA



THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

MoMag TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 10 DATE 9/30/60

SENSITIVITY 200 GAMMAS /½ In S.D

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona

North from Helmet Peak Rd.
across sections 10 and 3 T17S,
R13E

MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Exploration Synd.

RECORD NO. Line 11 DATE 9/30/60

SENSITIVITY 200 GAMMAS /½ In S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona

North on section line from 10/11 / 13/14

along section line 3/2 / 10/11 to

near sec. cor 34/35 / 3/2

MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A.
ES
THE ESTERLINE-ANGUS CO., INC., INDIANAPOL

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinalou & Western Expl. Syndicate

RECORD NO. Line 12 DATE 10/1/60

SENSITIVITY 200 GAMMA AS 1/2 In S.D

HORIZONTAL SCALE 400 Ft./In.

LOCATION Pima District
Pima County, Arizona

North from Helmet Peak Rd across sections 11 and 2 T17S, R13E
Line 12 is 660 feet east of West section Lines 10 & 3

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 13 DATE 10/1/60

SENSITIVITY 200 GAMMAS /½ In. S.D

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona
South across sections 2 & 11
T17S, R13E

RT No. 17491X
MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES
THE ESTERLINE-ANGUS

Line 13, on flag, North sec. line, sec. 2

Line 13 South

0 10 20 30 40 50 60 70 80 90 100

0 10 20 30 40 50 60 70 80 90 100

Approximate sec. line 2/11

0 10 20 30 40 50 60 70 80 90 100

North

MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. ES

MoMag TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 13 DATE 10/1/60

SENSITIVITY 200 GAMMAS /½ In S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

Pima County, Arizona

North from Helmet Peak Rd. across Sections 11 & 2, T17S, R13E

THE

MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 14 DATE 10/1/60

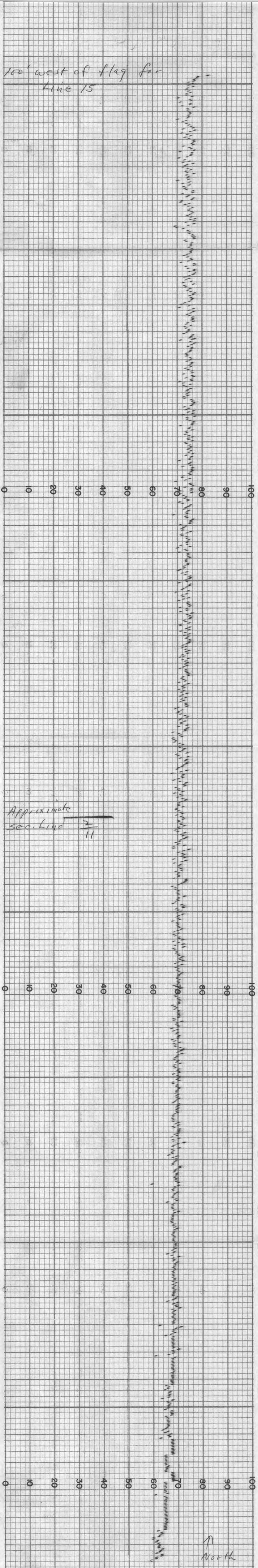
SENSITIVITY 200 GAMMAS / 1/2 in.

HORIZONTAL SCALE 400

LOCATION Pima District
Pima County, Arizona

South across sections 2 & 11
T17S, R13E

491X
MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES
THE



THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

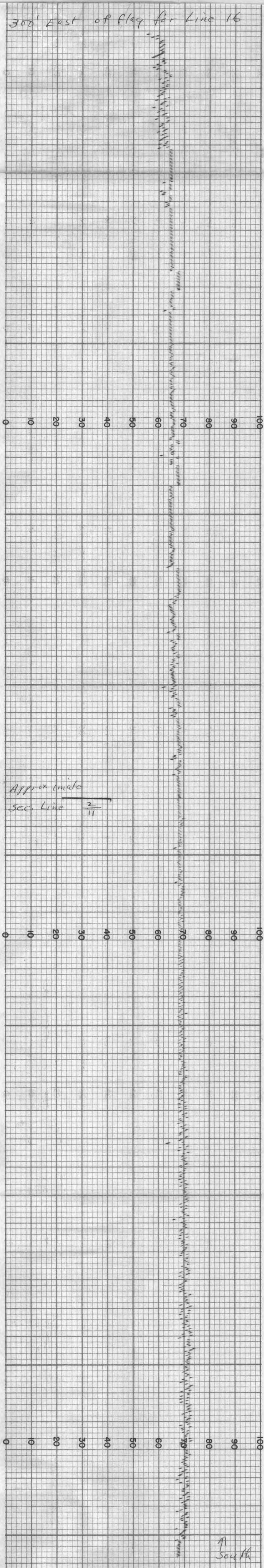
RECORD NO. Line 15 DATE 10-1-60

SENSITIVITY 200 GAMMAS /½ In S.D

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona

North from Helmet Peak Rd. across
sections 11 & 2, T17S, R13E



MoMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinalor & Western Expl. Syndt.

RECORD NO. Line 16 DATE 10-1-60

SENSITIVITY 200 GAMMAS /½ in S.D

HORIZONTAL SCALE 400 Ft./in.

LOCATION Pima District

Pima County, Arizona

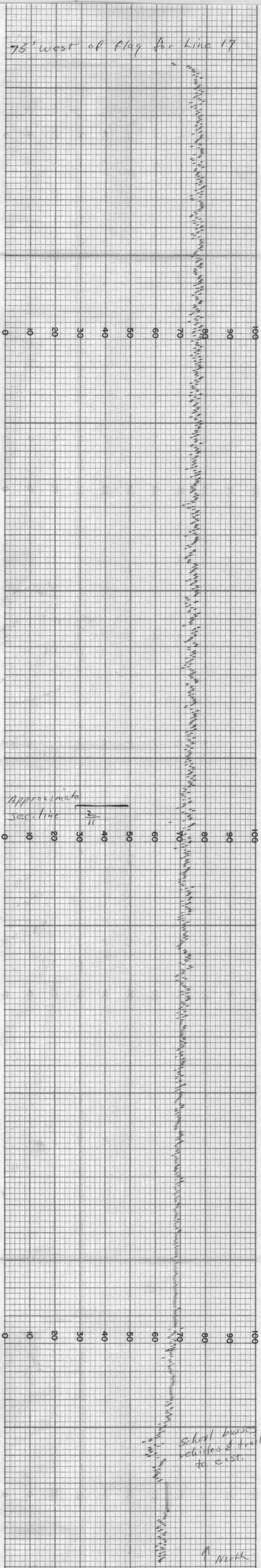
South across sections 2 & 11

T17S R13E to

Helmet Peak Rd.

MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. ES

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X



ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A.

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinalou & Western Expl. Syndicate

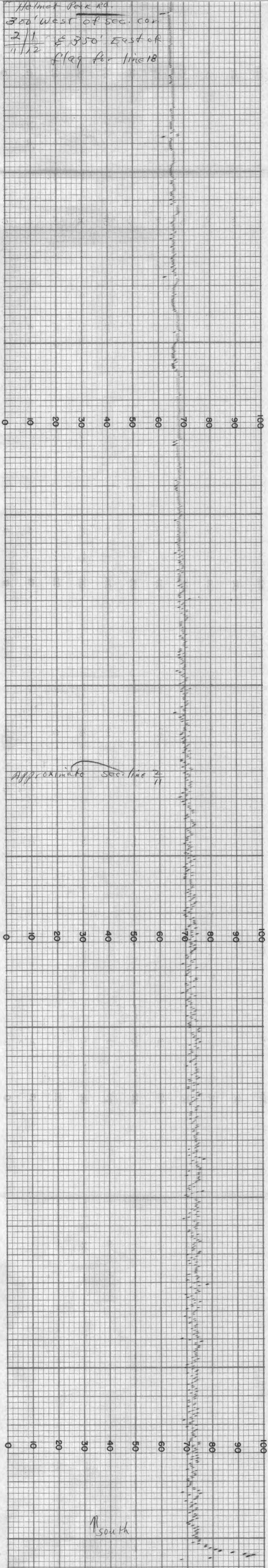
RECORD NO. Line 17 DATE 10-1-60

SENSITIVITY 200 GAMMAS 1/2 In S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona

North from Helmet Peak Rd
Starting up road by school
across Sections 11 & 2, T17S
R13E



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 18 DATE 10-1-60

SENSITIVITY 200 GAMMAS /½ In S.D

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

Pima County, Arizona

South across sections 2 & 11

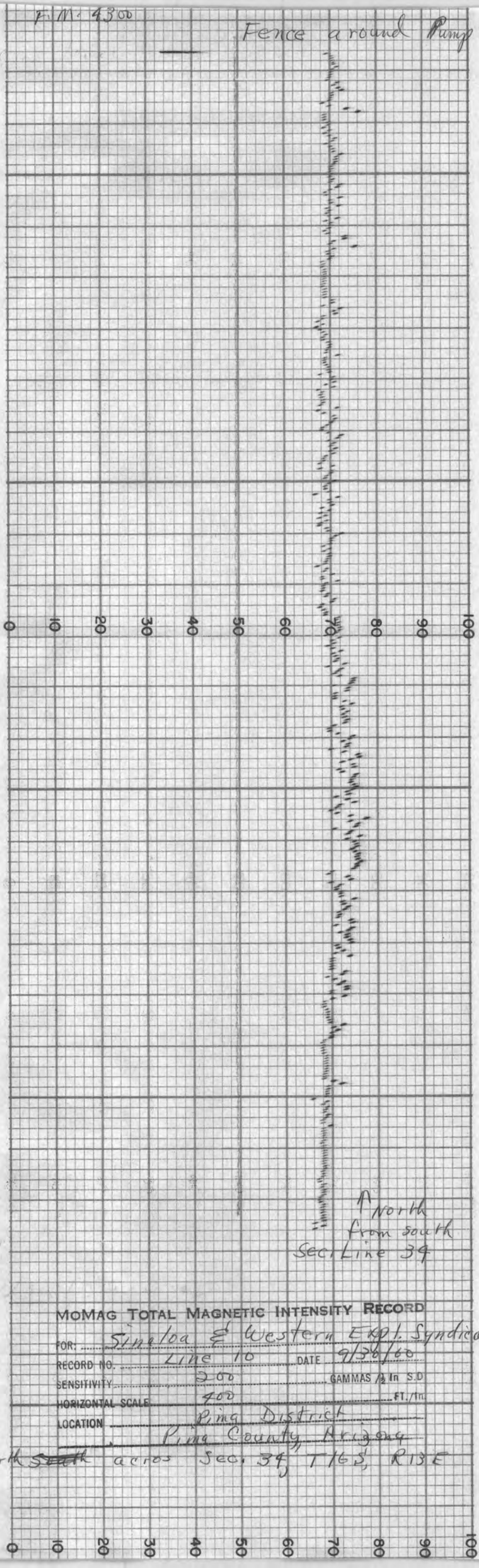
T17S, R 13E to Helmet Peak Rd.

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

F.M. 4300

Fence around Pump?



MoMag TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 10 DATE 9/30/60

SENSITIVITY 200 GAMMAS /½ In S.D

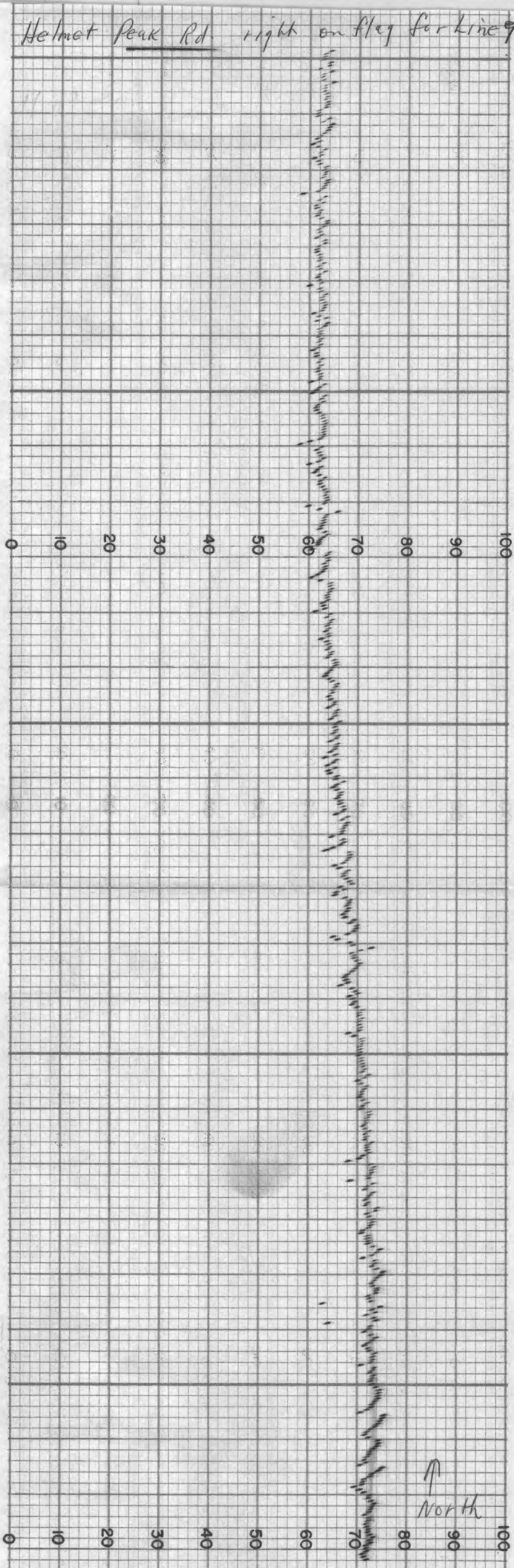
HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

Pima County, Arizona

North ~~South~~ across Sec. 34, T16S, R13E

MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. ES



MoMag TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 9 DATE 9/29/60

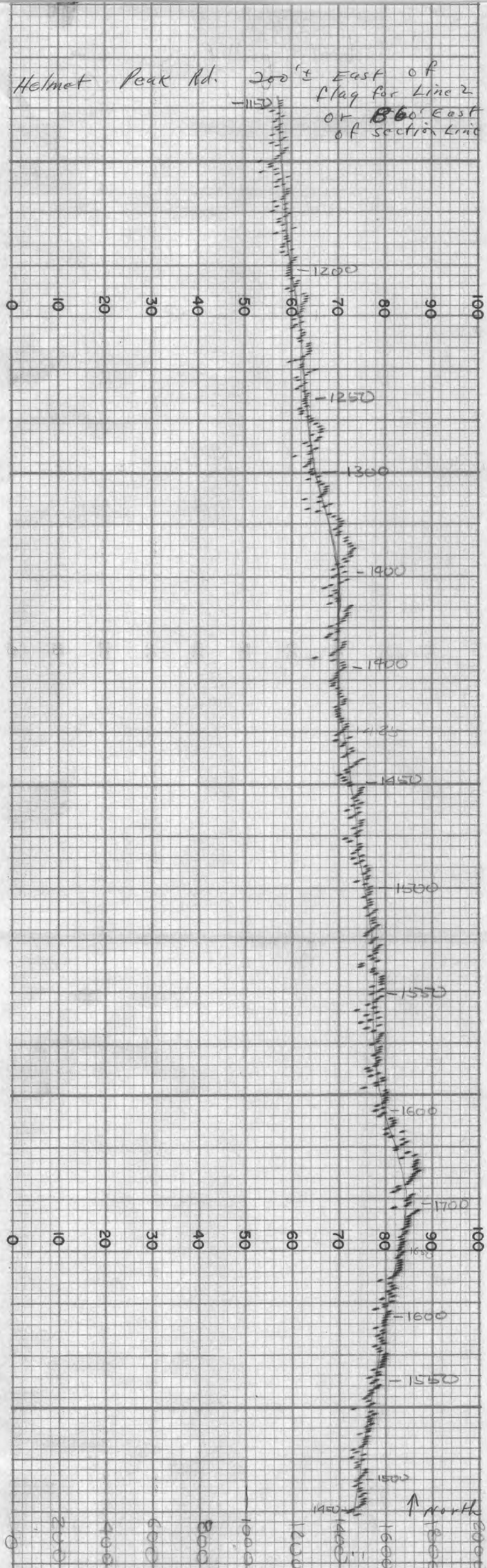
SENSITIVITY 200 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County Arizona

North from South Section Line 15 to Helmet Peak Rd. at North Section Line 15. Line 9 is 3960' East of section cor. 16/15
21/22

GUS CO., INC., INDIANAPOLIS, IND., U. S. A. ES
THE ESTERLINE-ANGUS



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Part of Line 3 DATE 9/8/60

SENSITIVITY 200 GAMMAS / ½ In. S.D.

HORIZONTAL SCALE 400 FT./In.

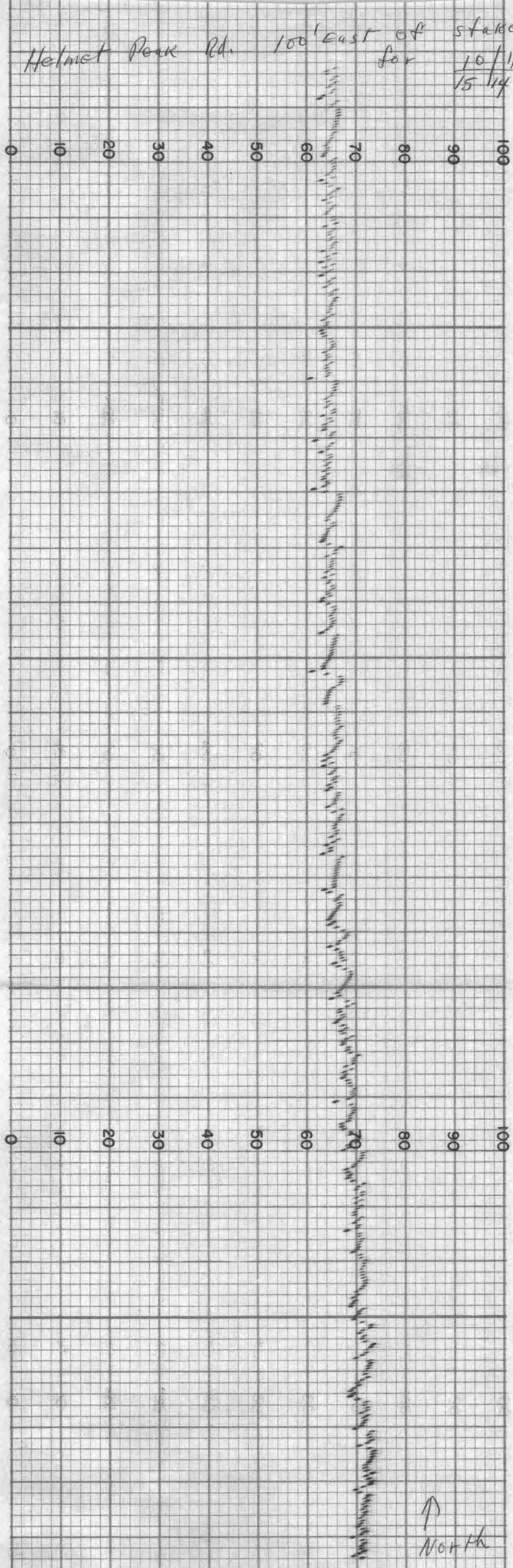
LOCATION Pima District

Pima County Arizona

North from south sect line 15 to north section line 15 on Helmet Peak Rd. 1320' East of Line 1.

MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

Helmet Peak Rd. 100' East of stake for 10/11 15/14



MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. ES

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Synd.

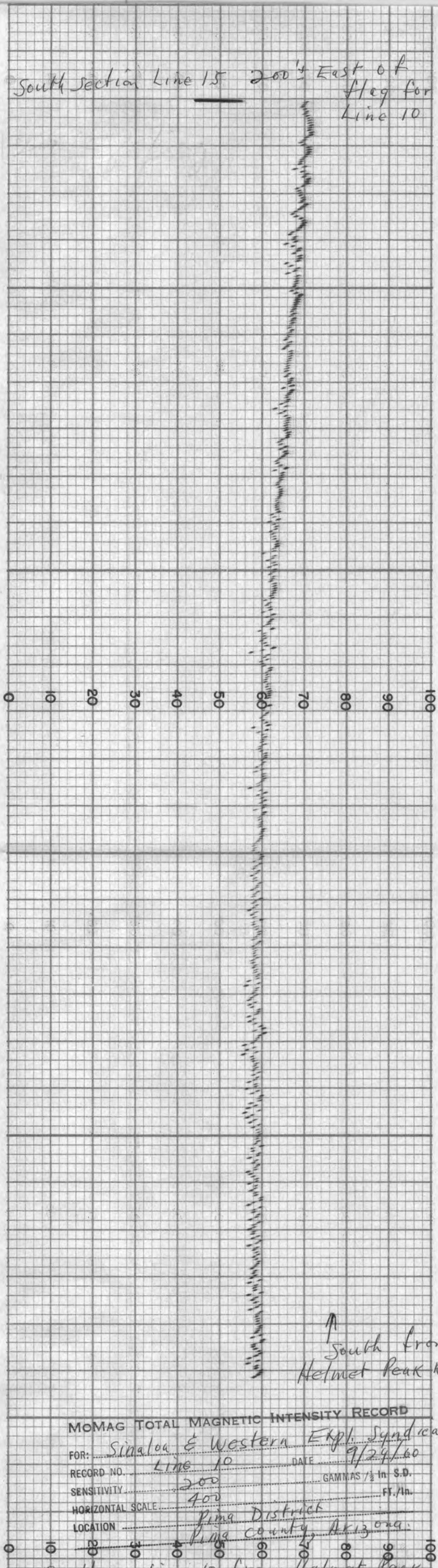
RECORD NO. Line 11 DATE 9/29/60

SENSITIVITY 200 GAMMAS / ½ In S.D.

HORIZONTAL SCALE 400 Ft./In.

LOCATION Pima District
Pima County, Arizona

North on Line 11 from sec. cor. 15/14 22/23 to Helmet Peak Rd. at sec. cor. 10/11 15/14. Line 11 is along Section Line 15/14



ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

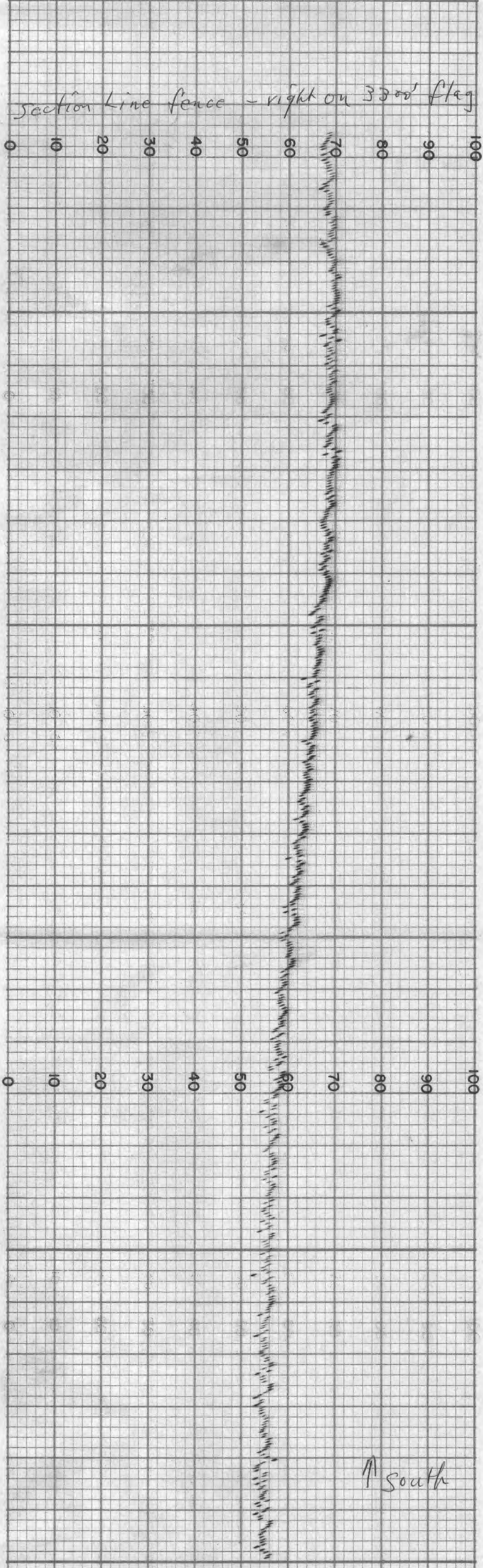
RECORD NO. Line 10 DATE 9/29/60

SENSITIVITY 200 GAMMAS/½ In S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona.

South on Line 10 from Helmet Peak Rd. to South section Line section 15
Line 10 is 660' west of section Line 15/14



MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. ES

MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Line 8 DATE 9/29/60

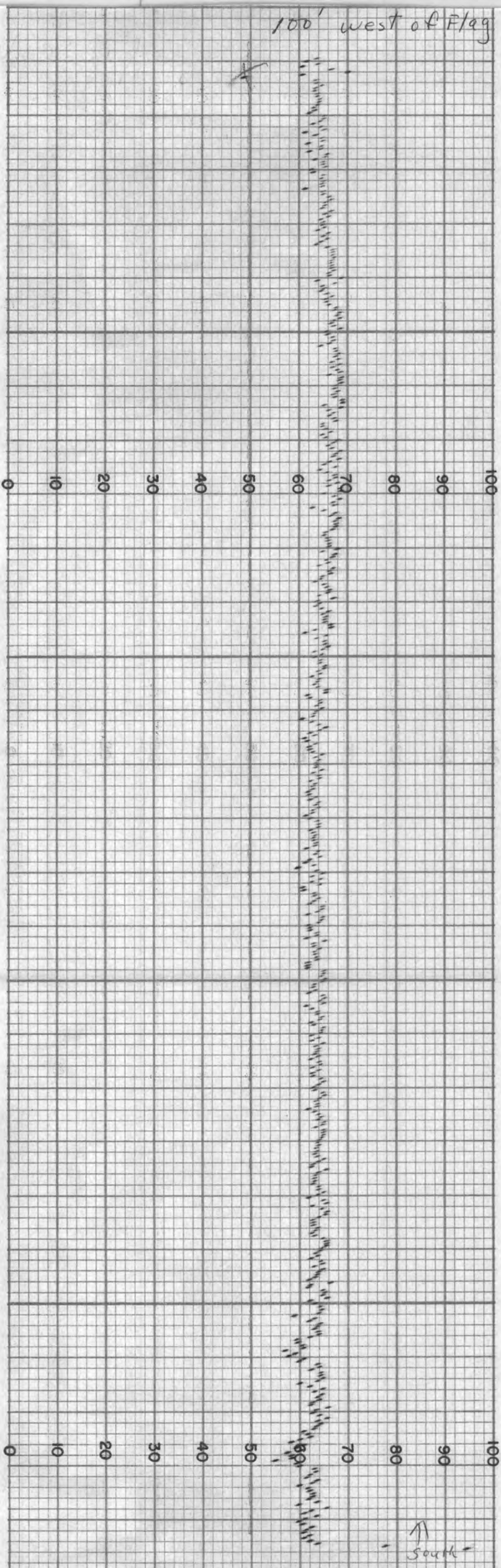
SENSITIVITY 300 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County Arizona

South from Helmet Peak Road to South Section Line of section 15

Line 8 is 3300' East of sec. cor. 9/10 16/15



THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

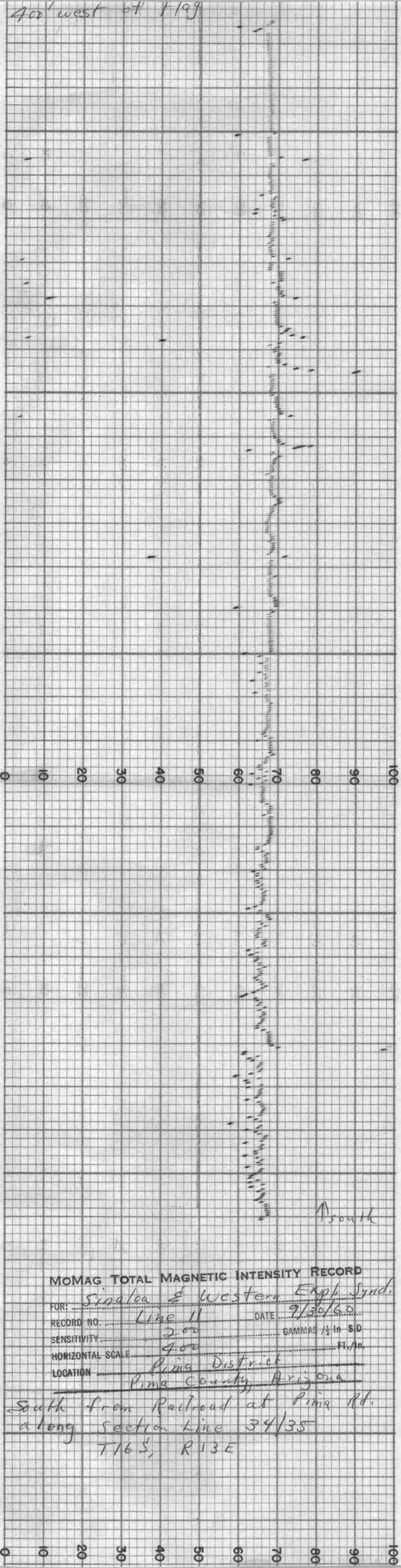
RECORD NO. Line 9 DATE 9/30/66

SENSITIVITY 200 GAMMAS /½ In S.D

HORIZONTAL SCALE 100 FT./In.

LOCATION Pima District
Pima County, Arizona

South from Railroad at Pima Rd.
across Sec. 34, T16S, R13E



MoMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Synd.

RECORD NO. Line 11 DATE 9/30/60

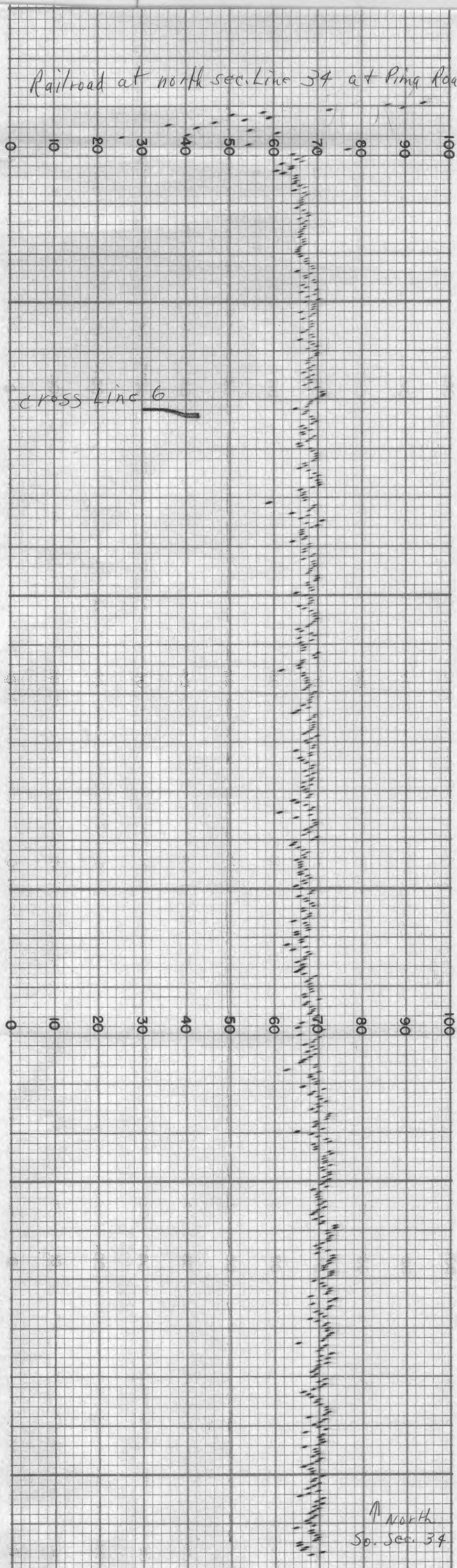
SENSITIVITY 200 GAMMAS /½ In S.D

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona

South from Railroad at Pima Rd.
along Section Line 34/35
T16S, R13E

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X



MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. ES

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. LINE 8 DATE 9/30/60

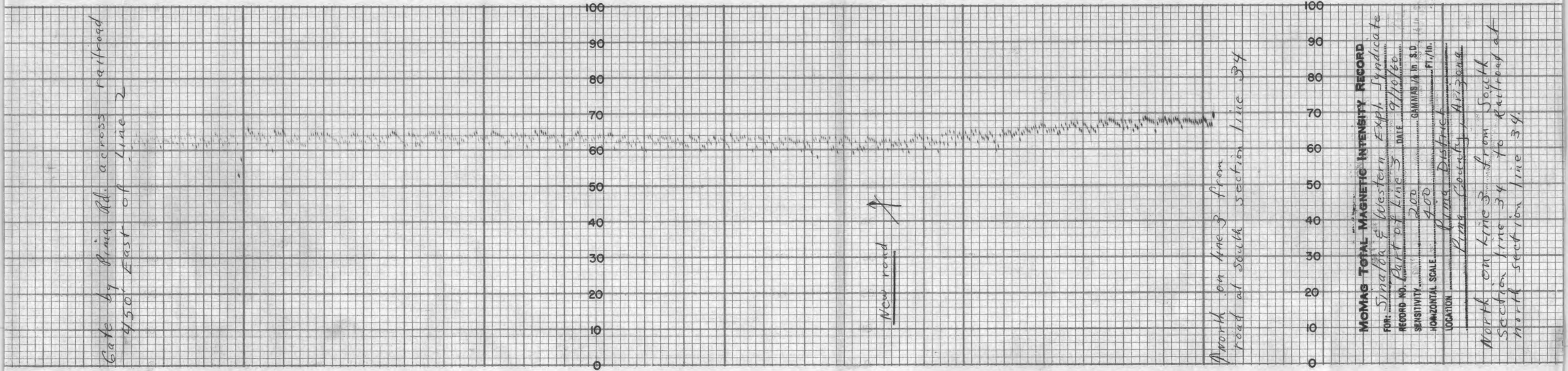
SENSITIVITY 2.00 GAMMAS /½ In S.D

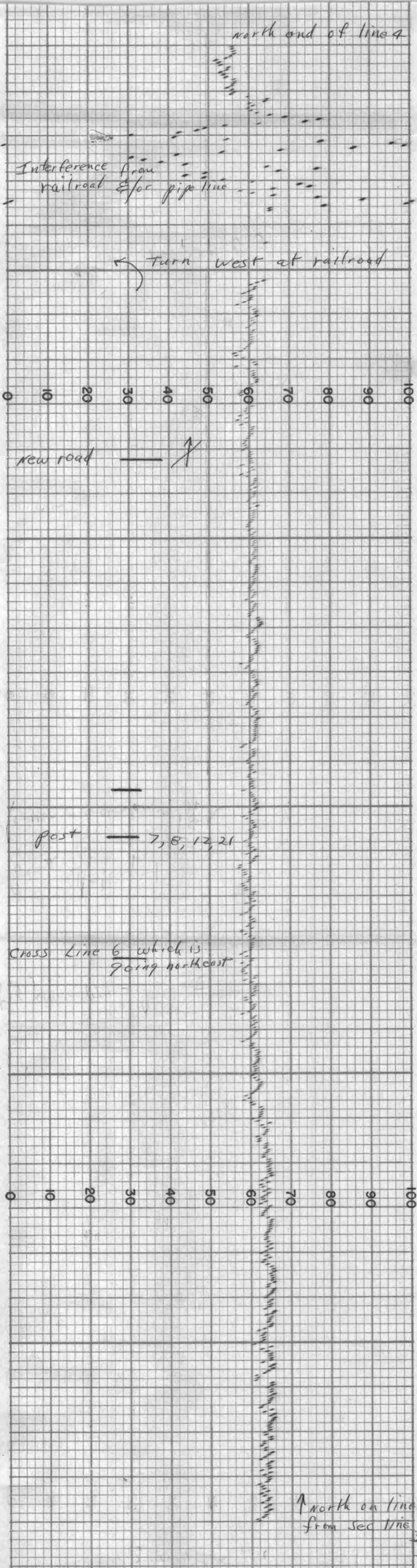
HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona

North from South section Line to Railroad at north section Line, Section 34, T16S, R13E

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X





THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

MoMag Total Magnetic Intensity Record

FOR: Sinaloa & Western Expl. Syndicate

RECORD NO. Part of Line 5 DATE 9/10/60

SENSITIVITY 200 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District

Pima County, Arizona

North from south section line 34 to north section line 34 by railroad

MoMag TOTAL MAGNETIC INTENSITY RECORD

FOR: Sinaloa & Western Expt. Syndicate

RECORD NO. Line 7 DATE 9/10/60

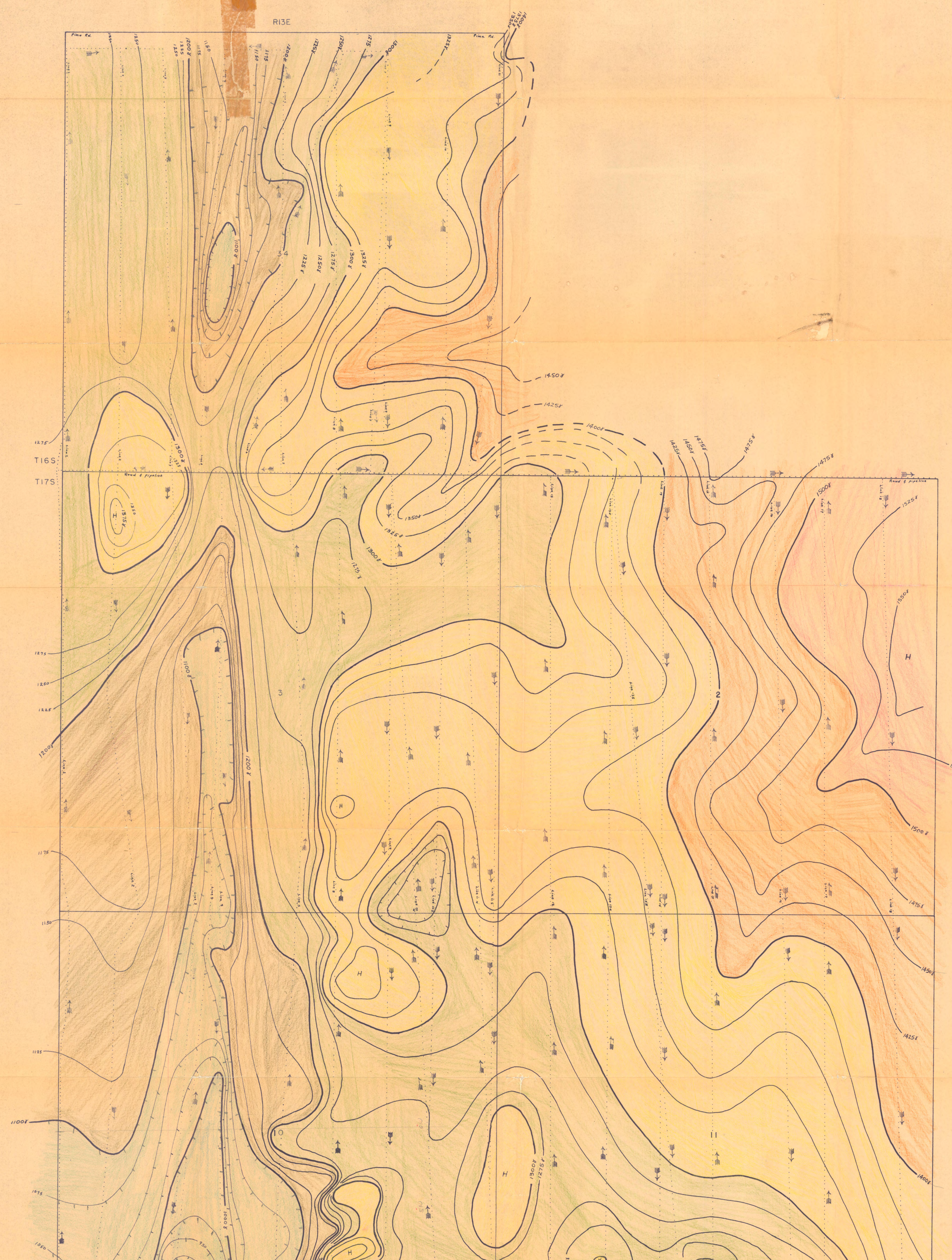
SENSITIVITY 200 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 400 FT./In.

LOCATION Pima District
Pima County, Arizona

South from Railroad at north section line 34 to road at South section line 34. About 3/4 mile east of N.W. cor. of Section 34.

U.S.A. ES
THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X



CONTOURS ARE GAMMA VALUES USING
1000 FOR ARBITRARY BASE DATUM

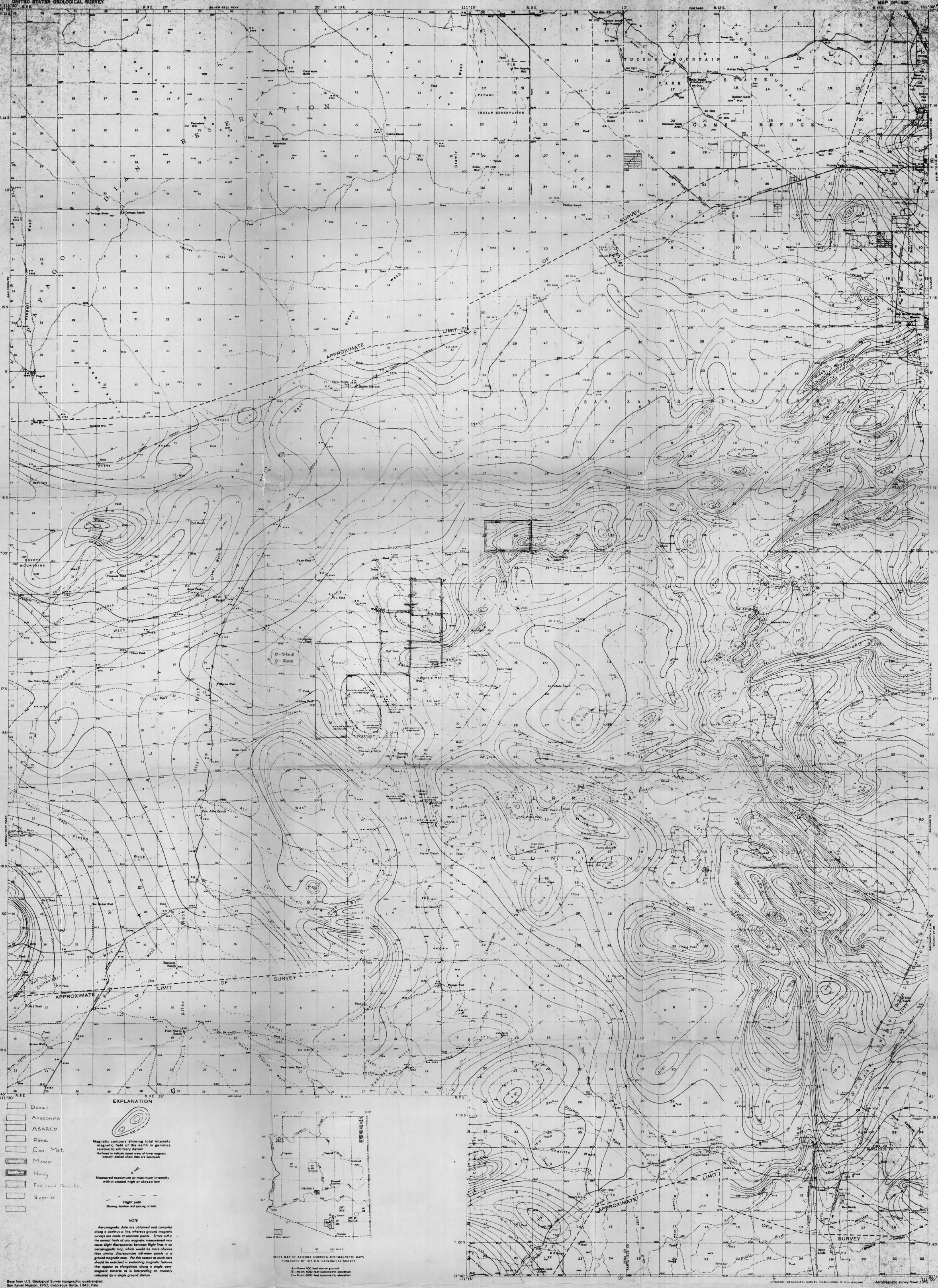
DOTTED LINES ARE MOBILE
MAGNETOMETER TRAVERSES

CONTOUR INTERVAL: 25 GAMMAS

SCALE: 1" = 400'

MAGNETIC SURVEY
(TOTAL INTENSITY)

PIMA COUNTY, ARIZONA
FOR
SINALOA & WESTERN EXPLOR. SYNDICATE
BY
HEINRICHS GEOEXPLORATION CO.
P.O. BOX 5671 TUCSON, ARIZONA
OCTOBER, 1960
REVISED



AEROMAGNETIC MAP OF THE TWIN BUTTES AREA, PIMA AND SANTA CRUZ COUNTIES, ARIZONA

By
Gordon E. Andreasen and James A. Pitkin

SCALE 1:62 500

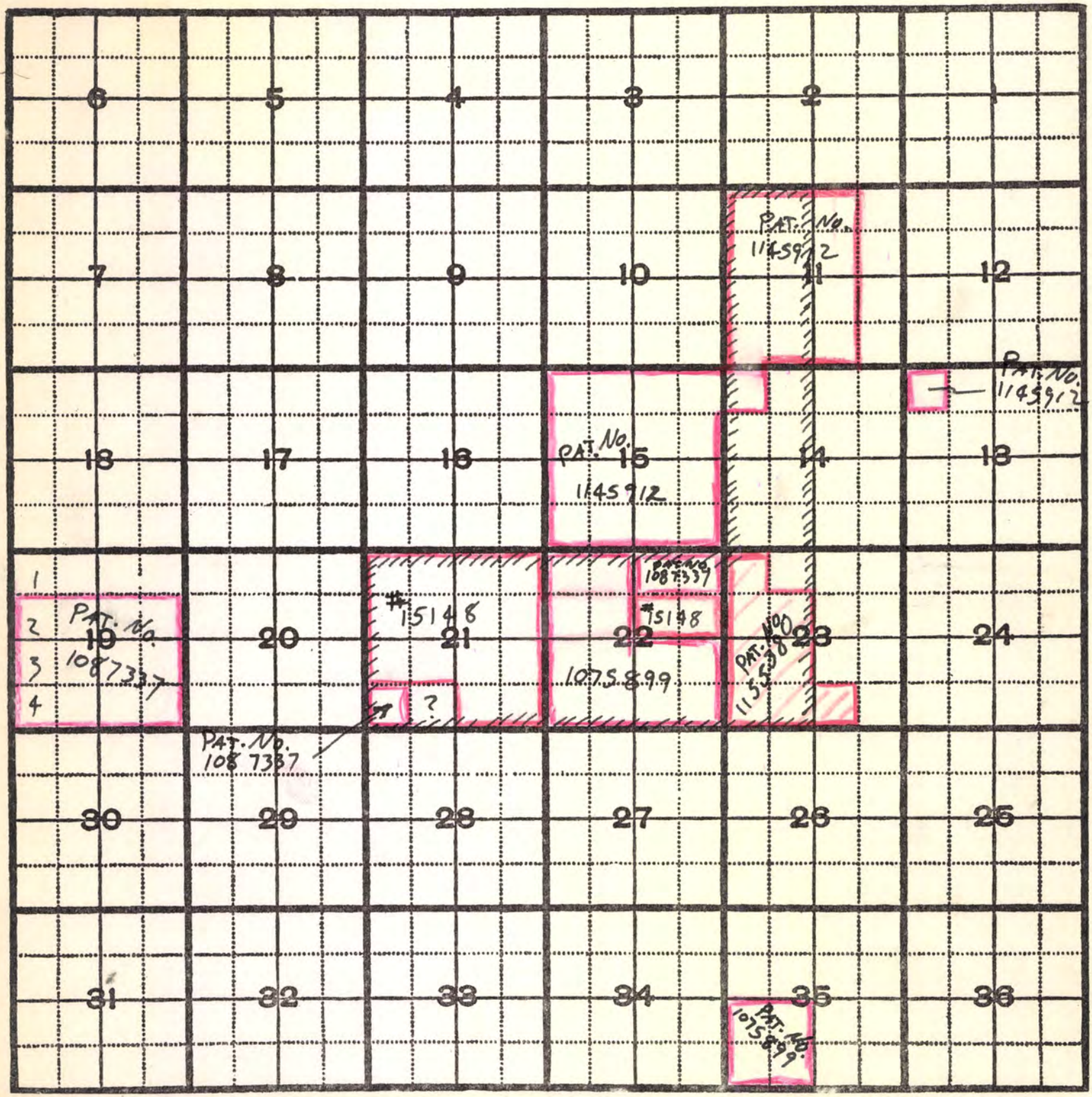
CONTOUR INTERVALS 50 AND 100 GAMMAS

1963

For sale by U.S. Geological Survey, price 50 cents

Township 17S Range 13E G&SR B&M ~~N.M.P.~~ M.

SINALOA & WESTERN



AREAS OUTLINED IN RED IN SECTIONS 11, 13, 14, 15, 19, 21, 22, & 35 HAVE MINERAL RIGHTS RESERVED TO U.S. GOVT.

AREA CROSS-HATCHED IN RED IN SECTION 23 DEEDED BY U.S. UNDER CHAP. 7, TITLE 32, REVISED STATUTES. ACCRUED WATER RIGHTS RESERVED. R/W FOR DITCHES OR CANALS RESERVED TO U.S. GOVT. NO MENTION OF MINERAL RIGHTS.

AREA IN WEST 1/2 OF SECTIONS 14 & 23, NOT OUTLINED IN RED — ARTHUR HARDGRAVES SOLD TO HIS WIFE, BOOK 240 P455. UNABLE TO DETERMINE WHERE HARDGRAVES GOT LAND, OR TO WHOM LAND WAS SOLD BY U.S.

SE 1/4 SW 1/4 SEC 21 — NO OWNER OF RECORD

18 JAN 61

JER

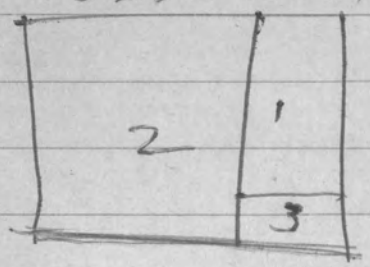
RECORD SEARCH

T17S R13E 4 & 5R B&M

PIMA CO.

175, 132 — Sections 11, 14, 15, 21, 22

5280' WEST



Helmet Pk. — Sahuarita Rd 150 ~~75~~' wide
75' in each section

Parcel I E 1/2 NE 1/4 & NE 1/4 SE 1/4

	Date	Book	Page
120 acres			
Mosk, Louis R + Stella C	3-23-46	396	425
Tucson Title Ins. Co. as Trustee	7-14-59	1458	444
Parcel 2 "		750	26
		1458	444

BOOK 747 PAGE 192

U/P OF SEC 8 OF THE ACT OF JUNE 28, 1934 (48 STAT. 1269)

AS AMENDED BY SEC. 3 OF THE ACT OF JUNE 26, 1936

(49 STAT. 1976) DAVID B. MORGAN — HAS SELECTED

THE FOLLOWING DESCRIBED TRACTS OF LAND:

G & SR M ARIZONA

T 16 S R 13 E

SEC 31	LOTS 1, 2, 3, & 4	160	160	320
			E½ W½,	E½ (ALL)

T 17 S R 13 E

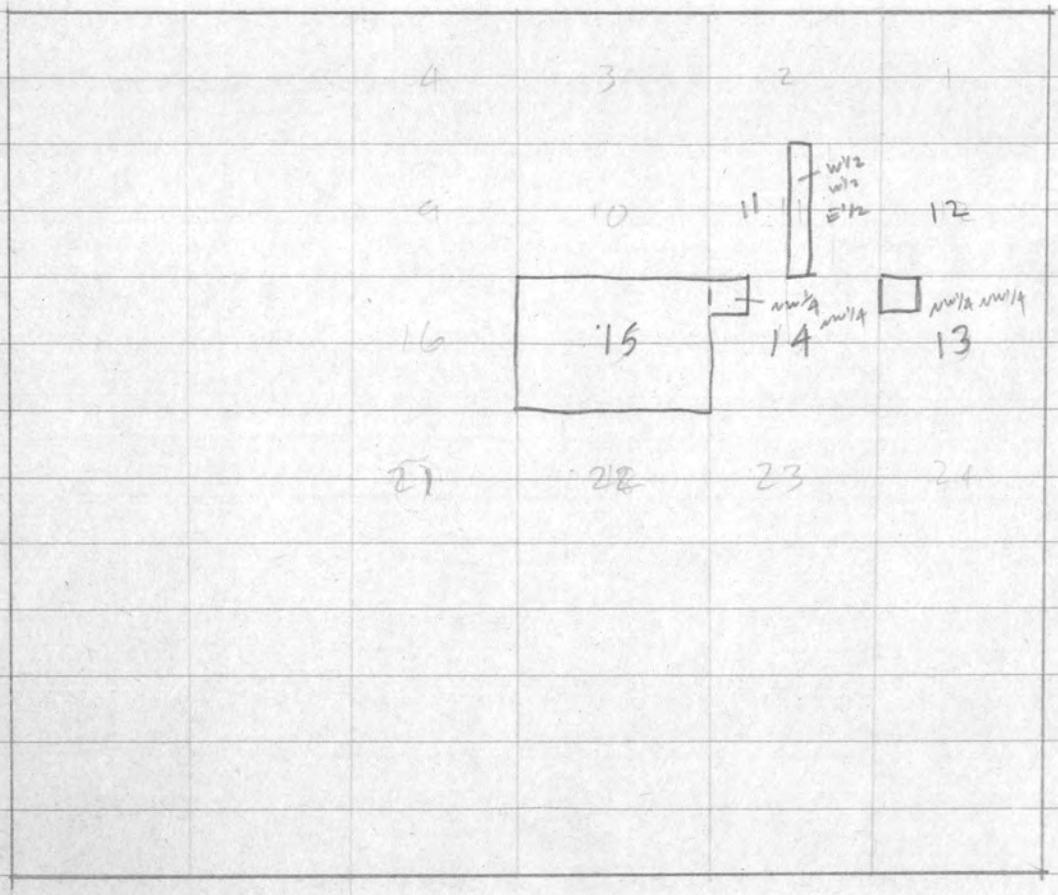
SEC 11	W½	W½ E½	
SEC 13	NW¼	NW¼	40
SEC 14	NW¼	NW¼	40
SEC 15	ALL		640

AREAS AGGREGATE 1,830.68 ACRES

RESERVING, ALSO, TO THE U.S. ALL MINERALS IN THE LANDS SO GRANTED, TOGETHER WITH THE RIGHT TO PROSPECT FOR, MINE & REMOVE THE SAME, AS AUTHORIZED BY THE PROVISIONS OF SAID SECTION 8, AS AMENDED AS AFORESAID

EXCEPTING & RESERVING, ALSO, TO THE U.S., PURS. TO THE PROVISIONS OF THE ACT OF AUGUST 1, 1946 (60 STAT. 755) ALL URANIUM, THORIUM, OR ANY OTHER MATERIAL — ETC.

AUG 4 1954


4
3
2
1
9
10
11
12
16
15
14
13
21
22
23
24

BOOK 750 PAGE 26

DAVID B. MORGAN & LUCY CAMPBELL MORGAN, HUS & WIFE OF THE CO. OF MARICOPA, STATE OF ARIZ.

DO GRANT, SELL & CONVEY UNTO THE SAID LOUIS R. MASEK ALL THAT CERTAIN PREMESIS SITUATED IN PIMA CO. STATE OF ARIZ DESC. AS FOLLOWS, VIZ:

THE LOTS 1, 2, 3, & 4

E 1/2 W 1/2 & E 1/2 OF SEC 31 IN T 16 S R 13 E G&SRM

W 1/2 & W 1/2 E 1/2 SEC 11

NW 1/4 NW 1/4 SEC 13

NW 1/4 NW 1/4 SEC 14

ALL SEC 15 IN T 17 S R 13 E G&SRM

SUBJECT HOWEVER TO THE CONDITIONS, PROVISIONS, & RESERVATIONS CONTAINED IN U.S. PATENT NO 1145912 ARIZ. SERIAL NO. 04870, WHICH ISSUED ON AUG 4 1954 FOR THE ABOVE DESCRIBED LANDS.

5 AUGUST 1954

BOOK 1458 PAGE 444

MUTUAL INVESTMENT & TRUST CORP CONVEY UNTO TUCSON TITLE INSURANCE CO, AS TRUSTEE U/P OF A TRUST AGREEMENT DATED THE 30TH DAY OF MARCH 1959 KNOWN AS TRUST NO. 10,026

ALL OF SEC 11 EXCEPT SE 1/4 SE 1/4
W 1/2 SEC 12
N 1/2 NW 1/4 SEC 13
W 1/2 & N 1/2 NE 1/4 SEC 14
ALL SEC 15
ALL IN T 17S R 13E G&SRB&M

SUBJECT TO

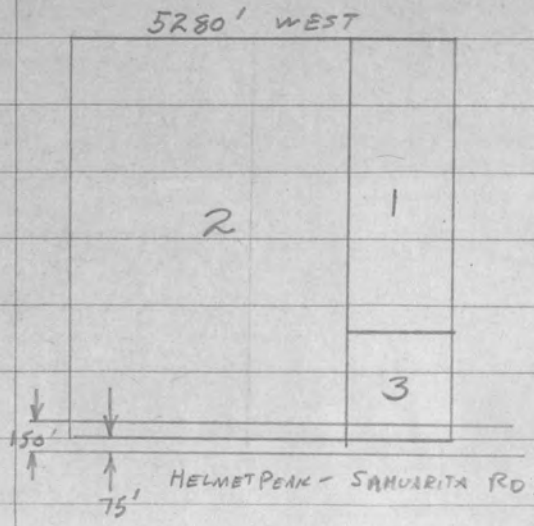
RESERVATION IN U.S. OF A OF ALL MINERALS, URANIUM, ETC. IN PATENT DATED AUG 4 1954 & RECORDED AUG 26, 1954 — IN DOCKET 747 AT PAGE 192, AFFECTING THE W 1/2 E 1/2 & NW 1/4 NW 1/4 SEC 14 AND ALL SEC 15 IN T 17S R 13E

NOTICE OF LOCATION EASTERN NO. 11 LOC BY DANIEL G. CHILSON, S.T. IN SEC 15 T 17S R 13E SAID LOC. DATED SEP 18 1954 & REC. — ON DEC 14 1959 IN DOCKET 784 AT PAGE 81

N/L - E. NO 12 784/82
N/L - E. NO 13 784/83

10 JULY 1959

S 11 T17S R13E



No 1. E1/2 NE1/4 & NE1/4 SE1/4 120A

	DATE REC.	B	P
MASEK, LOUIS R & STELLA C	3-23-46	296	425 ✓
TUCSON TITLE INS. CO, AS TRUSTEE	7-14-59	1458	444 ✓

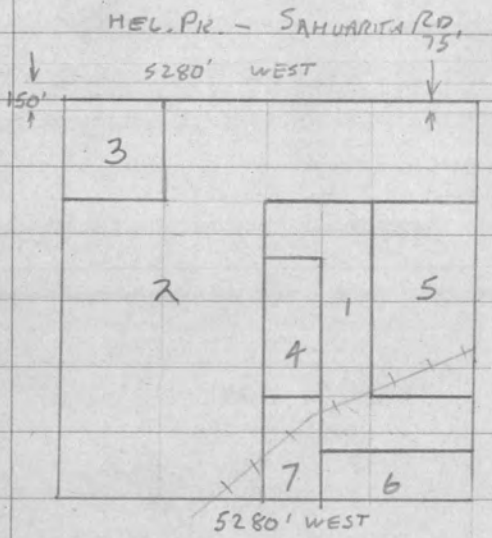
No 2. W1/2 & W1/2 E1/2 480 A

MASEK, LOUIS R	9-3-54	750	26 ✓
TUCSON TITLE INS. CO AS TRUSTEE	7-14-59	1458	444 ✓

No 3. SE1/4 SE1/4 40A

SAHUARITA SCHOOL DIST #30	9-20-57	1178	497

SEC 14 T17S R13E



No 1. N1/2 W1/2 SW1/4 NE1/4 & E1/2 SW1/4 NE1/4 & E1/2 NW1/4 SE1/4 & NE1/4 SW1/4 SE1/4 & N1/2 SE1/4 SE1/4 80A

		B	P
GRAHAM, WILLIAM R & JENNIE MAE JT/RS	1-20-55	796	146
GARDNER, GEORGE PEABODY JR & TATIANA STEPANOVA JT/RS	1-10-58	1216	337
WHITON, HERMAN F (SOLE)	5-1-59	1423	62

No 2. N1/2 NE1/4 NW1/4 & S1/2 NW1/4 & SW1/4 360A

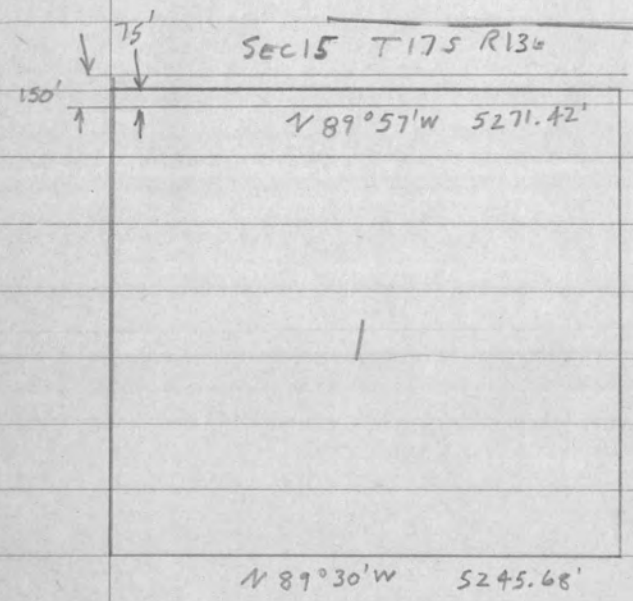
		B	P
MASEK, LOUIS R & STELLA C	2-23-46	296	425 ✓
TUC. TITLE INS. CO, AS TRUSTEE	7-14-59	1458	444 ✓

No 3 NW1/4 NW1/4 40A

		B	P
MASEK, LOUIS R	9-3-54	750	26
TUC. TIT. INS CO, AS TRUSTEE	7-14-59	1458	444 ✓

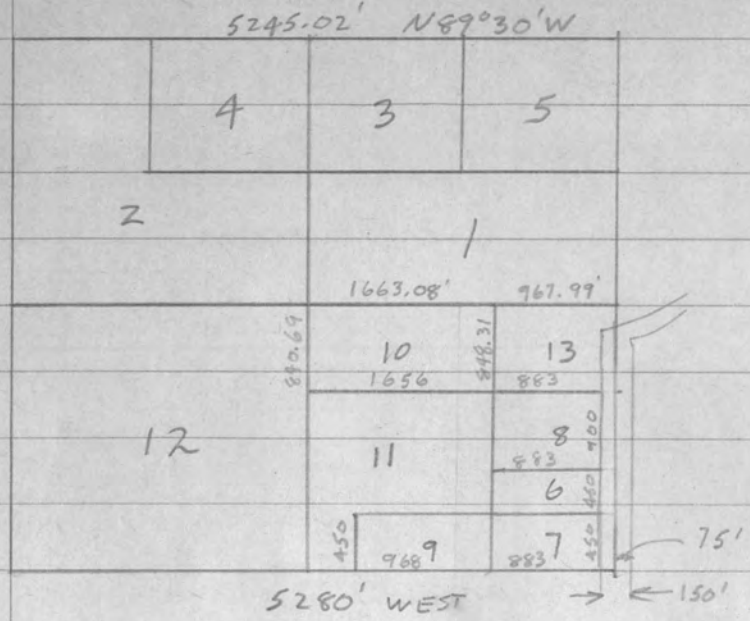
No. 4	W 1/2 NW 1/4 SE 1/4 & SW 1/4 SW 1/4 NE 1/4	30.0 A		
		REC	B	P
	BRUNNER, FREDERICK & EVELYN E ST/RS	2-11-55	805	136
	BRUNNER, EVELYN E.	7-5-60	1634	86
No. 5	SE 1/4 NE 1/4 & NE 1/4 SE 1/4	80 A		
		PAT # 1155381		
	WHITON, HERMAN F.	4-25-57	1121	394
No 6	SE 1/4 SW 1/4 SE 1/4 & S 1/2 SE 1/4 SE 1/4		30.0	
	BRUNNER, FREDERICK	7-5-60	1634	84
No 7	W 1/2 SW 1/4 SE 1/4	20 A		
	BRUNNER, BARBARA L	7-5-60	1634	88

SEC 15 T17S R13E



No 1	ALL	640 A	B	P
	PAT 1145912			
	MASEK, LOUIS R	9-3-54	750	26 ✓
	TUCSON TIT INS CO, AS TRUSTEE	7-14-59	1458	444 ✓

SEC 22 T 17S R 13E



No1. S½ NE¼	80 A		B	P
		REC		
EMMONS, FRANCES G		8-20-40	232	365 ✓
No2 S½ NW¼ & NW¼ NW¼		120 A		
WOLFE, DAVID K & JEAN R		12-12-50	308	413
WOLFE, JEAN R		8-18-58	1302	435
ROARK, MAUDE E.		8-22-60	1658	415

No3 NW¼ NE¼	40 A		B	P
TUCTIT INS Co, AS TRUSTEE		8-20-57	1166	215
No4 NE¼ NW¼	40 A			
MURPHY, HENRY W & ELIZABETH C JT/RS		5-22-57	1132	308
MURPHY, HENRY W & ELIZABETH C		5-27-58	1270	492
MURPHY, LEWIS C & CAROL C JT/RS		4-17-59	1415	211

No 5 NE 1/4 NE 1/4 40 A

BEARD, JAMES G & DOROTHEA 4-12-57 1117 232

No 6 E 968' OF N 450' OF S 900' OF SE 1/4 SE 1/4 LESS E 75' FOR RD

10.9

	REC	B	P
WOLFE, DAVID R, & JEAN R.	12-12-50	308	413
HARRINGTON, O.W., & CAROL J. JT/RS	10-8-58	1323	53
CARTER, JOSEPH H & CLARE RAY	1-21-59	1369	466

No 7 S 450' OF E 968' SE 1/4 LESS E 75' FOR ROAD 10 A

		B	P
WOLFE, DAVID R & JEAN R	12-12-50	308	413
HARRINGTON, O.W. & CAROL J.	10-8-58	1323	53
TAYLOR, PRESCOTT R & ELIZABETH	1-20-59	1368	517

No 8. N 900' OF S 1800' OF E 968' SE 1/4 LESS E. 75' FOR RD 20 A

WOLFE, DAVID R & JEAN R	12-12-50	308	413
FULLER, G.M. & CAROL B JT/RS	10-3-58	1321	220

No 9 S 450' OF W 968' OF E. 1936' OF SE 1/4 10

WOLFE, DAVID R & JEAN R.	12-12-50	308	413
OTT, LAWRENCE R. & VIVIAN S JT/RS	9-25-58	1317	425

No 10. W 1656' ± OF N. 840' ± OF SE 1/4 32.14 A

WOLFE, DAVID R. & JEAN R	12-12-50	308	413
WOLFE, JEAN R	11-10-58	1337	254
ADAMS, GEORGE J. & MARGARET R, J.T./RS	1-14-59	1365	559

#13 WERNER, EDWARD G., ET UX

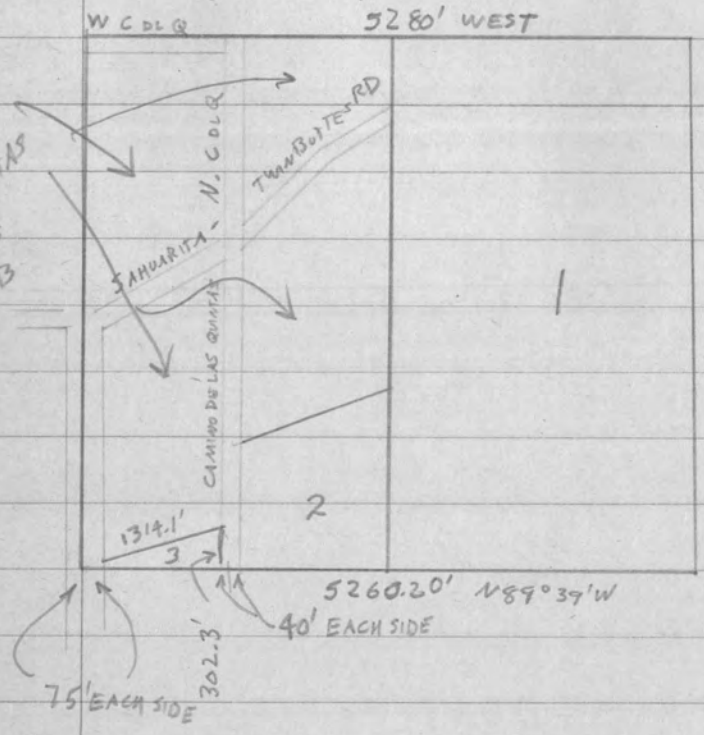
No. 11 N 1350' OF S 1800' OF W 1672' & S 450' OF W 704' OF SE 1/4 — 59.1 A

WOLFE, DAVID K & JEAN R	12-12-50	308	413
WOLFE, DAVID K	11-14-58	1339	199

No 12 SW 1/4 — 160 A

WOLFE, DAVID K & JEAN R	12-12-50	308	413
WOLFE, DAVID K	8-14-58	1301	182
TECHNI-PRODUCTS INC, A MASS. CORP.	4-17-59	1415	315

SEC 23 T17S R13E



No 1. E 1/2 — 320 A

WHITON, HERMAN F.	4-25-57	1121	394

No 2 SE 1/4 SW 1/4 & TRIANGLE IN SE COR OF NE 1/4 SW 1/4 — 49.09 A

		B	P
LAS QUINTAS SERENAS DEV. CORP	9-26-58	1319	33

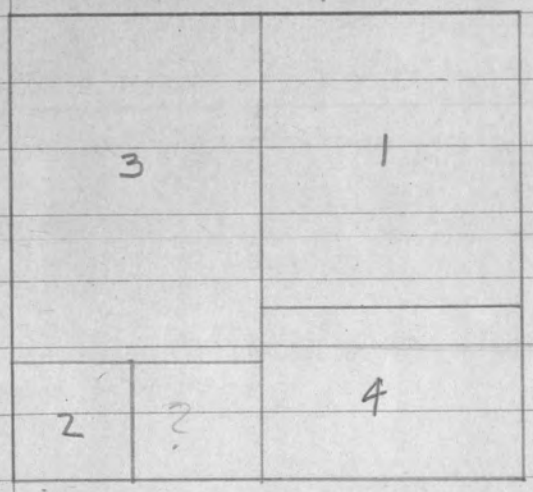
No 3 TRIANGLE IN SE COR SW 1/4 SW 1/4 EX. RDS — 4.57 A

PAT 1155380

HAZEN, ELIZABETH P	10-8-56	1042	327
ARIZ LAND TIT. & TRUST CO, AS TRUSTEE	5-12-59	1428	102

2, 3, 4, 9, 16, NOT IN BOOK

SEC 21 T 17S R 13E



No 1 NE¼ & N½ N½ SE¼ 200 A

EMMONS, FRANCES G 8-20-40 232 365 ✓

PHOENIX TIT & TRUST CO, AS TRUSTEE 2-2-60 1555 531

No 2 SW¼ SW¼ 40 A

WILLIAMS, JUNE VIRGINIA 1-21-37 199 34

No 3 NW¼ & N½ SW¼ 240 A B P

ARIZ LAND TIT & TRUST CO, AS TRUSTEE 5-23-60 1612 552

No 4 S½ SE¼ & S½ N½ SE¼ 120 A

ARIZONA LAND TIT & TRUST CO, AS TRUSTEE 7-15-60 1640 50

(1)

B 296 P 426 C.M. GROSS & ENOLA GROSS TO LOUIS R. MASEK & STELLA C. MASEK 1 FEB 46

SE¼ S 35

ALL S 36 T16S R13E

E¼ E¼ S 11

NW¼ & N½ SW¼ & SW¼ SW¼ S 12

N½ NE¼ & NE¼ NW¼ & S½ NW¼ & SW¼ S14

T17S R13E

4/7 INT

NE¼ S 12

SE¼ SE¼ S12

NE¼ NE¼ S13

LOT 1 & SE¼ NE¼ & E½ SE¼ SEC 1

LOT 2 & SW½ NE¼ & W½ SE¼ SEC 1

T17S R13E

NO MENTION OF MIN. RIGHTS

B 232 P 365 15 AUG 1940

CHARLOTTE H. HARDING, AN UNMARRIED WOMAN TO

FRANCES G. EMMONS, A WIDOW

N 1/2 & SE 1/4 & N 1/2 SW 1/2 SEC 21

S 1/2 NW 1/4 S22 T17S R13E

NO MENTION OF MIN RIGHTS

1 APR 55 - 1 NOV 58	NONE ~~20-17-13~~ 459.93 U.S. TO ~~FRANCIS G. EMMONS~~ 13 JUL 1938 1294 588
10 3 JAN 38 - 31 DEC 46	NONE
OCT 1916 - MARCH 1922	NO T & R GIVEN
1 AUG 51 - 31 MAR 55	NONE
1 JAN 47 - 31 JUL 51	NONE
1 FEB 26 - 30 APR 29*	NONE
APR 1922 - 31 JAN 26	NONE
*NOV 1910 - OCT 1916	NONE
1 MAY 29 - 31 DEC 37	N T & R

GE	OR		
HARDING, CHARLOTTE H.	TUC. CEM ASSN	137	116
HARDING, CHARLOTTE H.	U.S.A.	180	298
WILLIAMS, JUNE	WILLIAMS, AMELIA S	174	476
" VA.	"	199	34
WILLIAMS, AMELIA S	A. D. EDWARDS ETUX	151	224
WILLIAMS, AMELIA S	U.S.A.	199	33
~~WOLFE, DAVID & JEAN R~~	~~WALTER B. PR~~		
WOLFE, DAVID K & JEAN R	FRANK DAVIS & W	311	550
DAVIS, FRANK & TESS	GRACE AINSLIE PISTOR	234	555
AINSLEY, GRACE	FORMERLY GRACE AINSLIE U.S.A.	214	226
GROSS, C.M. & ENOLA	(2) ARTHUR HARDGRAVE ETUX	251	16 ✓
"	FRANK S. TREAT	269	111
"	THEO. C. "	269	113
"	MABEL TREAT BROMER	269	115
"	RICH. G. TREAT	269	117
"	NANCY E BREAZEALE	276	253
HARDGRAVE, ART & GLENN	ARIZ. REAN ~~CO~~ & SUB CO.	208	577
(9) "	PAUL L. ~~PLUM~~ JR ETUX	288	478
"	LA ROMINE ETUX	308	529
HARDGRAVE, GLENN	LA OSA RANCH CO.	132	578
	THOMAS LOCKETT ETUX	150	374
	CLYDE POLOM ETUX	152	580
	HAL C. PRUCE ETUX	152	582

HARDGRAVE, GLENN - HARDGRAVE, A. 180 196

" " 240 455

BOOK 180 PAGE 298 #15148

HOMESTEAD

N 1/2, SE 1/4, & N 1/2 SW 1/4 S21

S 1/2 NE 1/4 SEC 22 T 17S R13E G&SRM

640 A

MIN RIGHTS RES. TO U.S.G.

PAT 1087337

BOOK 199 P 33 PHOENIX 069686 4-1007

HOMESTEAD

N 1/2 NE 1/4 S22

LOTS 2, 3, 4
SE 1/4 NW 1/4
E 1/2 SW 1/4
SE 1/4
S 1/2 NE 1/4
NE 1/4 NE 1/4 } 19
SW 1/4 SW 1/4 21

T17S R13E

633.79 A

MIN RIGHTS RES TO U.S.G.

BOOK 214 P 226

HOMESTEAD

W 1/2 & SE 1/4 SEC 22

SW 1/4 SEC 35

T 17 S R 13 E 640 A

MW. RIGHTS RES. U.S.G.

PAT NO 1075899

MORGAN DAVID B & LUCY CAMPBELL

PAT 1145912

BOOK 747 P 192

GRAZING

T17S R13E

SEC 11 W1/2, W1/2 E1/2

13 NW1/4NW1/4

14 NW1/4NW1/4

15 ALL

B 1042 P 327 PAT 1155380

SEC 23 W1/2 NW1/4, SE1/4 NW1/4, SW1/4 SW1/4 SW1/4 SE1/4

CHAP 7 TITLE 32 REV STAT. 320A

— ALL RIGHTS, PRIVELEGES, IMMUNITIES, APPURTENANCES, OF WHATSOEVER NATURE

— WATER RIGHTS ACCRUED —

R/W DITCHES & CANALS CONSTRUCT BY U.S.

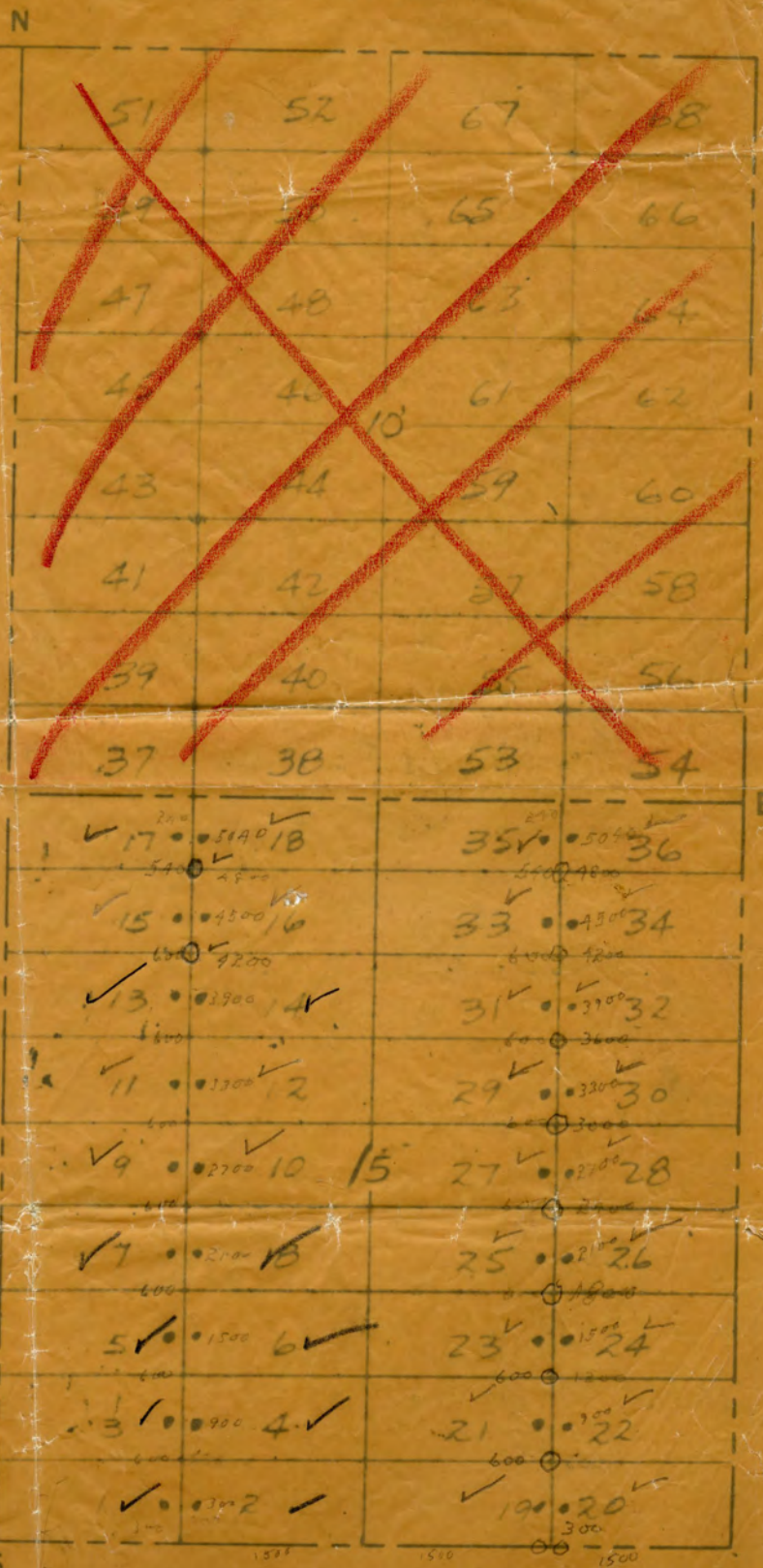
MIN RIGHTS NOT RES (?)

3 NOV 55

Sim Gam Group

T 17 S R 13 E, Pima County

SCALE FOR SECTION, 660 Ft.=1 Inch. { Each side large blue squares = 20 chains, 80 rods, 1320 feet; area of square 40 acres.
Each side small red squares = 5 chains, 20 rods, 330 feet; area of square 2½ acres.



SCALE FOR QUARTER SECTION, 330 Ft.=1 Inch. { Each side large blue squares = 10 chains, 40 rods, 660 feet; area of square 10 acres.
Each side small red squares = 2½ chains, 10 rods, 165 feet; area of square .625 of 1 acre.

PRONTO LAND MEASURE 660-330 MAP SHEET

PRONTO LAND MEASURE

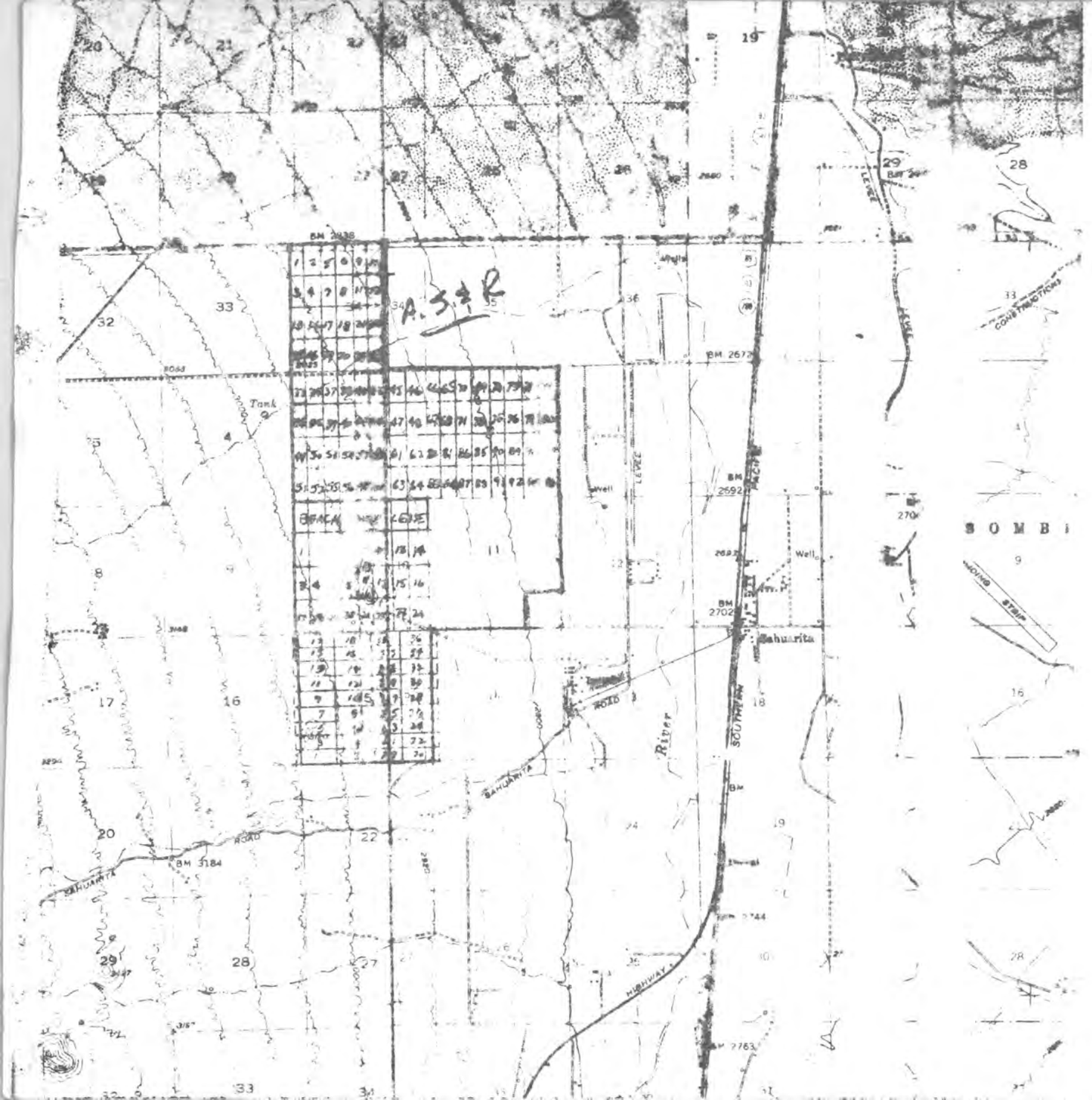
Copyright, 1950, James Hamilton Adair, Flint, Michigan

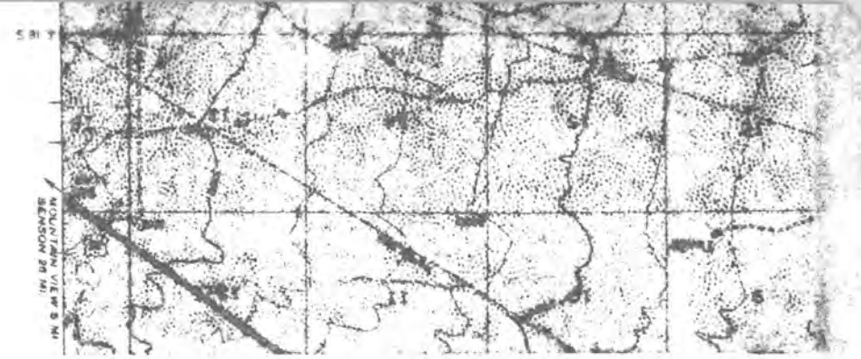
Wm. A. Greer
Natural Resource Development

office

P. O. BOX 12365
PH. AXTEL 8-6543

TUCSON, ARIZONA





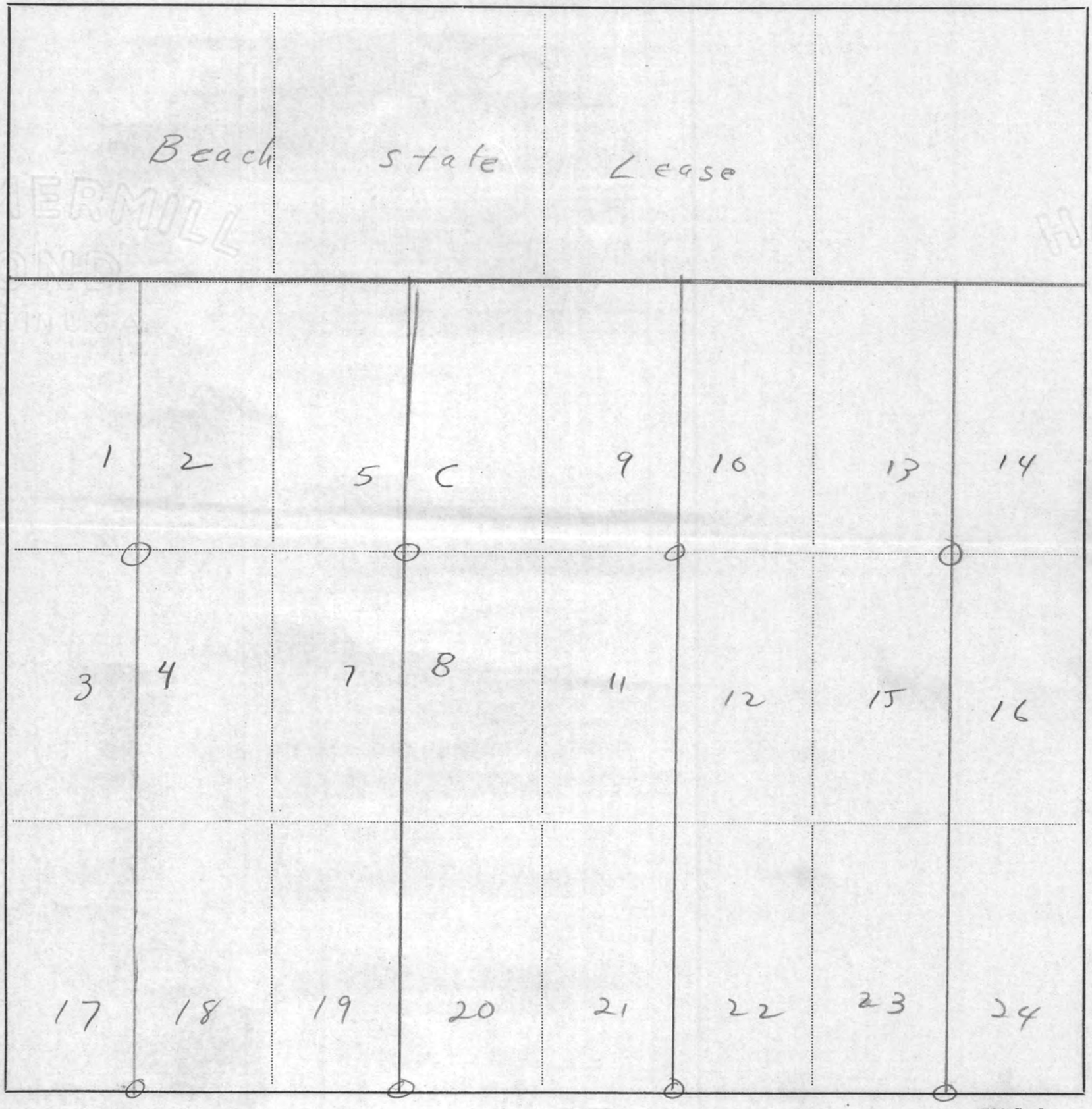
EXPLANATION 10/30/60

Secs 15 - Sin Group - Federal
" 11 - (open) - "
" 10 - G.W.D.F. " - STATE
" 3 - ARI-TEX " - " 33-64
" 2 - " " - " 65-96
" 34 - " " - " 1-24

HEINRICH GEOEXPLORATION COMPANY
P. O. BOX 5671 TUCSON, ARIZONA

Pima County Arizona

Sec. 10 T. 17 S R. 13 E



600 Scale

Pima County Ariz.

Sec. 2 T. 27S? 17S? R. 23E

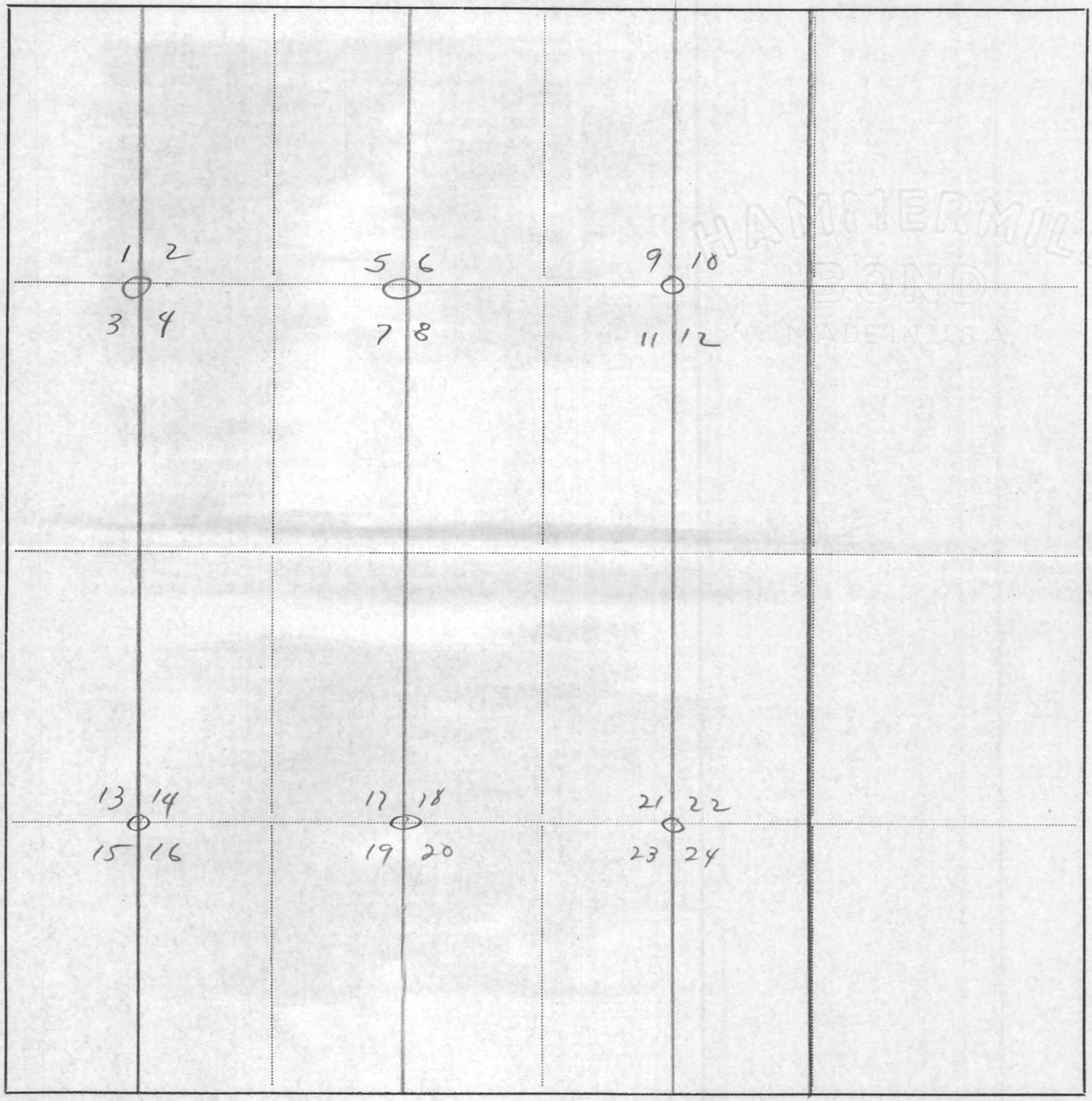
66	65	70	69	74	73	78	77
67	68	71	72	75	76	79	80
82	81	86	85	90	89	94	93
83	84	87	88	91	92	95	96

600 Scale

Pima County Ariz.

Sec. 34 T. 16 S R. 13 E

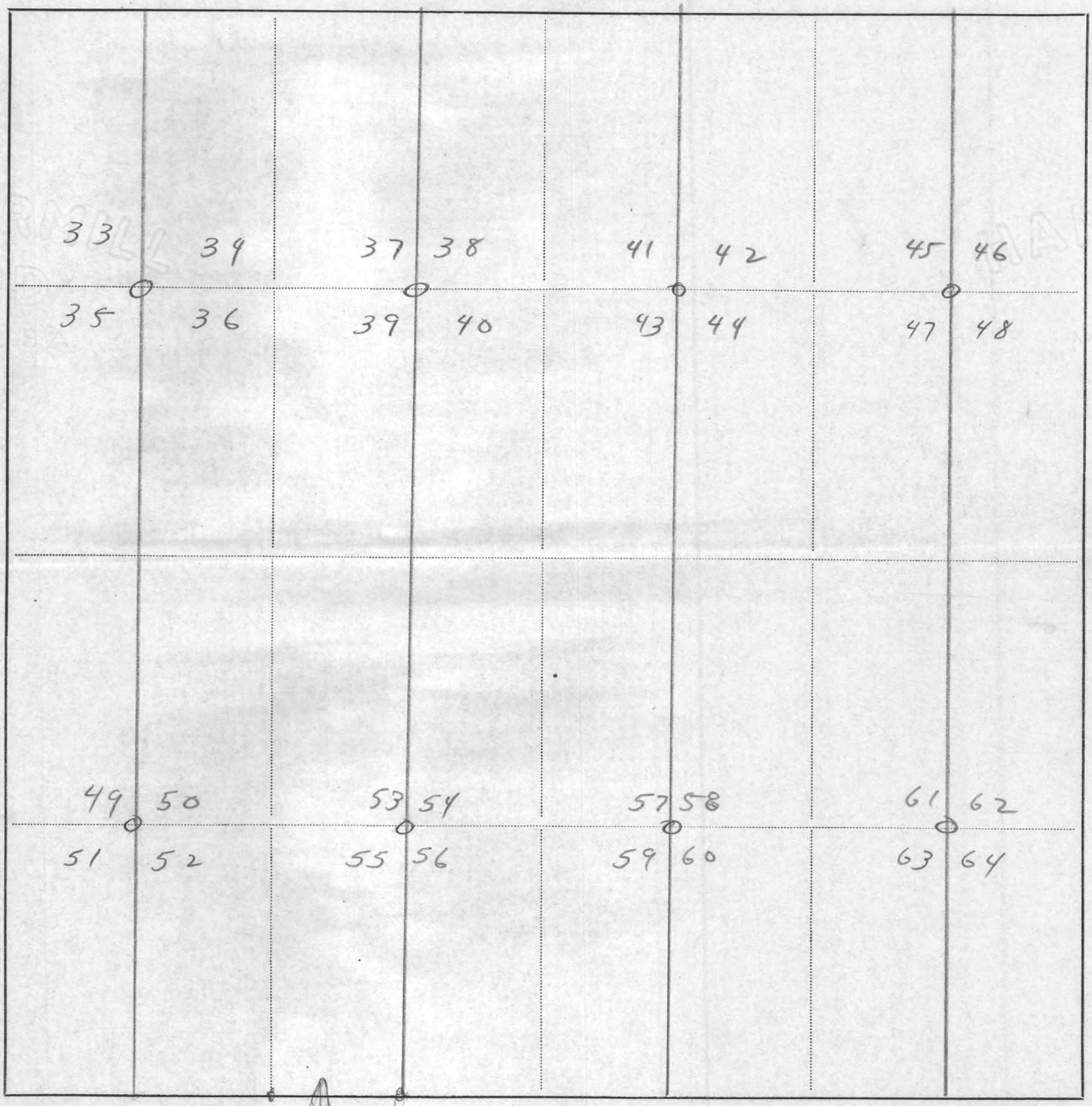
ARI-TEX Group



600 Scale

Pima County Arizona

Sec. 3 T. 17S R. 13E

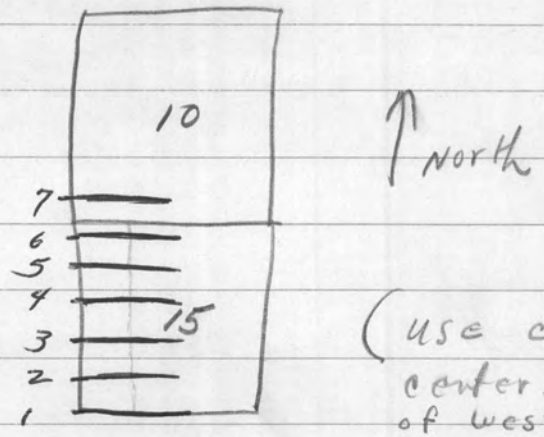


600 Scale

Sin Claims #1 thru 36# located October 10 & 11, 1960 for W.A. Greer were recorded OCT. 13, 1960 in Book 1683 pages 346 thru 381 at Pima County courthouse

I. 8 Proposal for Onalou

Run 7 lines of 3000' each, 1000' apart across the west 1/2 of Sec. 15 & bottom S.W. portion of Sec. 10 as per sketch below



(use claim line for center - it is 1320' east of west section line).

Estimated time, 10 days plus 2 office days.

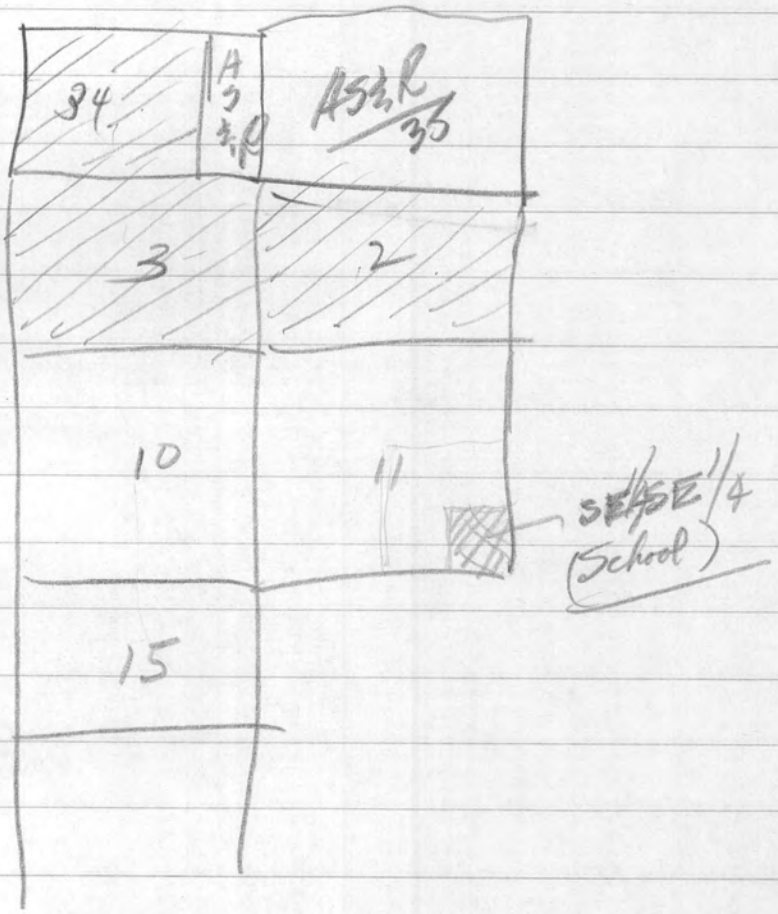
Cost, 250.00 X 10 = 2500.00 (includes vehicles etc)

80.00 X 2 = 160.00

Total 2660.00

state that "Not to exceed $3000.00 for desired detailed coverage over minimum anomaly area of W/2 Sec. 15"

Map



State Land

Sin Claim Group
T17S R13E, Pima County

SCALE FOR SECTION, 660 Ft.=1 Inch. { Each side large blue squares = 20 chains, 80 rods, 1320 feet; area of square 40 acres.
Each side small red squares = 5 chains, 20 rods, 330 feet; area of square 2½ acres.

N

51	52	67	68
49	50	65	66
47	48	63	64
45	46	61	62
43	44	59	60
41	42	57	58
39	40	55	56
37	38	53	54
17	18	35	36
15	16	33	34
13	14	31	32
11	12	29	30
9	10	27	28
7	8	25	26
5	6	23	24
3	4	21	22
1	2	19	20

10

15

W E

S

SCALE FOR QUARTER SECTION, 330 Ft.=1 Inch. { Each side large blue squares = 10 chains, 40 rods, 660 feet; area of square 10 acres.
Each side small red squares = 2½ chains, 10 rods, 165 feet; area of square .625 of 1 acre.

PRONTO LAND MEASURE 660 - 330 MAP SHEET

PRONTO LAND MEASURE

Copyright, 1950, James Hamilton Adair, Flint, Michigan

Sinaloa & Western Expl. Syndicate
7668 SANTA FE AVE. -:- HUNTINGTON PARK, CALIF.
LUDLOW 3-1778

September 8, 1960

RECEIVED SEP 12 1960

Heinrichs Geoexploration Co.
P. O. Box 5671
Tucson, Arizona

Gentlemen:

In accordance with your proposal of September 6th for a continuous recording magnetometer survey of T16S, R13E, Sec. 34 and T17S, R13E. Secs. 3, 10 and 15 consisting of 3 or more North-South traverses spaced 660 feet apart, this is your authorization to proceed with this work.

An executed copy of your contract is attached together with our retainer fee of $300.00. Please proceed with your survey at your earliest convenience.

Very truly yours,

M. W. MacAfee

M. W. MacAfee

cc: Mr. E. Van Dornick
Mr. J. M. Robinson
Dr. E. A. H. Andrews
Mr. W. A. Greer
Mr. C. W. Lee

MWM:im

HEINRICHS GEOEXPLORATION COMPANY
MINERAL ENGINEERING CONSULTANTS AND CONTRACTORS
GEOPHYSICAL, GEOLOGICAL AND ECONOMIC APPRAISALS
TUCSON, ARIZONA

WALTER E. HEINRICHS, JR.
E. GROVER HEINRICHS

PHONE: MAIN 2-4202
806-808 WEST GRANT ROAD
MAIL: P. O. BOX 5671

September 6, 1960

Mr. Merrill Mac Affee
Sinaloa & Western Exploration ~~& Development~~ Syndicate
7668 Santa Fe Avenue
Huntington Park, California

Gentlemen:

RECEIVED SEP 12 1960

At the request of Mr. William A. Greer of Tucson, Arizona, an agent for Sinaloa & Western Exploration & Development Syndicate, Heinrichs GEOEXploration Company will undertake a total intensity magnetic survey using a truck mounted continuous recording magnetometer on the following described property in Pima County Arizona:

T16S, R13E, Section 34 T17S, R13E, Sections 3, 10 & 15

This magnetometer survey will consist initially of three (3) OR MORE parallel North-South traverses spaced 660 feet apart and will commence at either the SW corner of Sec. 15, T17S, R13E or at the NW corner of Sec. 34, T16S, R13E.

Charges for the magnetometer survey and report will be at the rate of $250.00 per operating day, plus expenses and two (2) field days maximum is authorized.

An advance of $300.00 will be sufficient to proceed with the survey as outlined above.

Present scheduling of personnel and equipment will permit the survey to commence the second week of September and a report will be completed the third week of the month.

Please indicate your understanding of and agreement with the above by returning the enclosed extra copy of this letter, signed and dated in the space provided below.

Very truly yours,

HEINRICHS GEOEXPLORATION CO.

Walter E. Heinrichs, Jr.
President & General Manager

WEH:jh
cc: Encl: 2
Mr. W. A. Greer

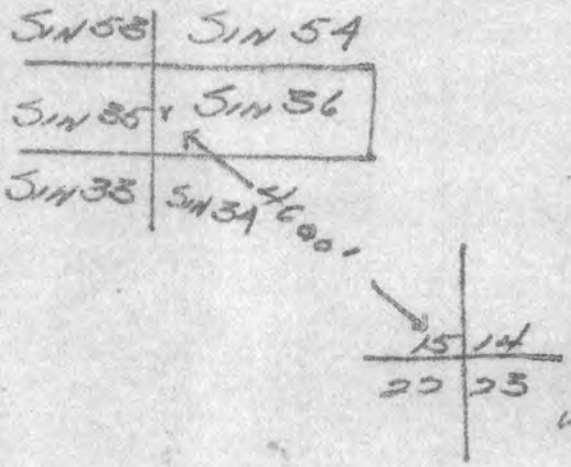
By: _____
Sinaloa & Western Exploration ~~& Development~~ Syndicate

Date: 8 Sept '60

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 36 lode mining claim was located by W. A. GREER on Oct 11, 19 60. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 4600 feet Northwest from the Southeast corner Sec 15, T 17 S, R 13 E G.S.R.B.&M and is part of a contiguous group



For W. A. GREER

By Lewis Ettawageshik
Locator

Lewis Ettawageshik

witness: D. Greene

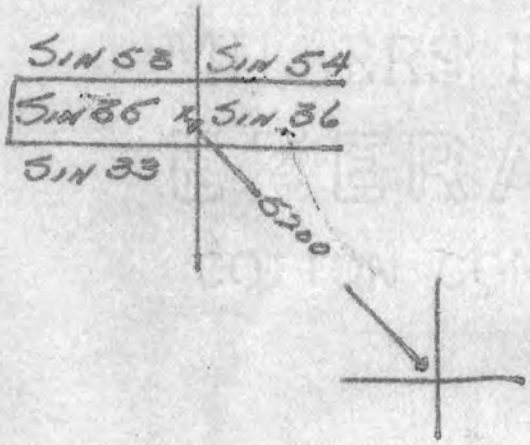
D. GREENE

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 35 lode mining claim was located by W. A. Greer on Oct. 11, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 5200 feet Northwest from the Southeast corner of Sec. 15, T 17 S, R 13 E G.S.R.B.+M. and is part of a contiguous group



For W. A. Greer

By Lewis Ethanogeshik
Locator

Lewis Ethanogeshik

Witness: D. Greene

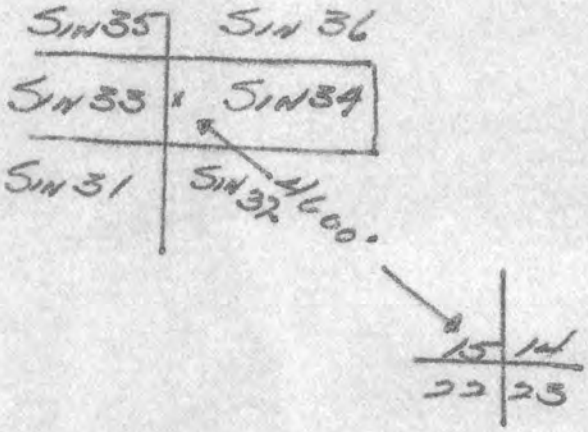
D. Greene

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 34 lode mining claim was located by W. A. GREER on Oct. 11, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 4600 feet Northwest from the Southeast corner of Sec 15, T 17 S, R 12 E G.S.R.B+M and is part of a contiguous group.



In W. A. GREER

by Lewis Ettawageshik
Locator

Lewis Ettawageshik

WITNESS: D. Greene

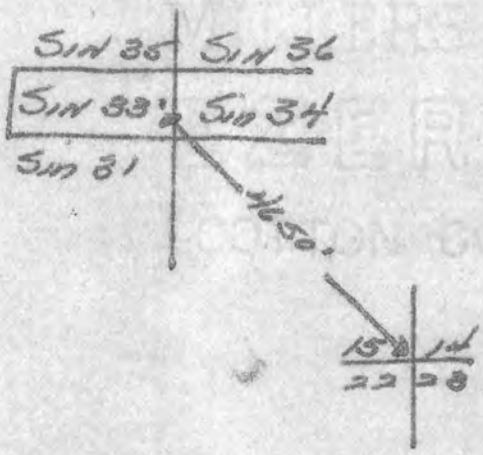
D. GREENE

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 33 lode mining claim was located by W. A. GREER on Oct 11, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 4650 feet in a Northwest from the Southeast corner of Sec 15, T17S, R13E G.S.R.B.&M. and is part of a contiguous group



For W. A. GREER
by Lewis Ettawageshik
Locator
Lewis Ettawageshik

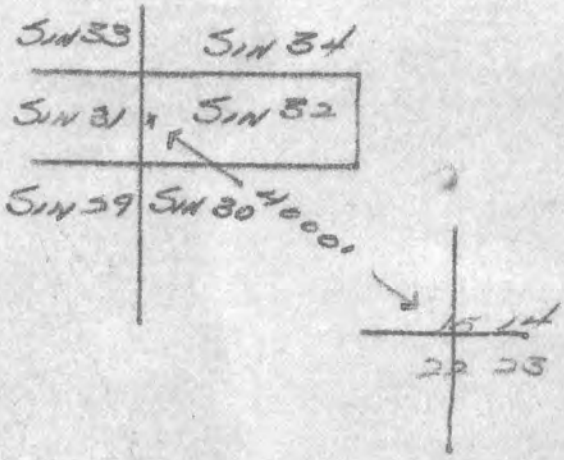
WITNESS: D. Greene
D. GREENE

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the SIN 32 lode mining claim was located by W. A. GREER on Oct 11, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monument or stakes, making the claim in the form of a parallelogram.

and is located 4000 feet Northwest from the Southeast corner of Sec. 15 T 17 S. R 11 E G.S.R.B. & M. and is part of a contiguous group



For W. A. GREER

by Lewis Ettawageshik
Locator

Lewis Ettawageshik

WITNESS: D. Lomayesva

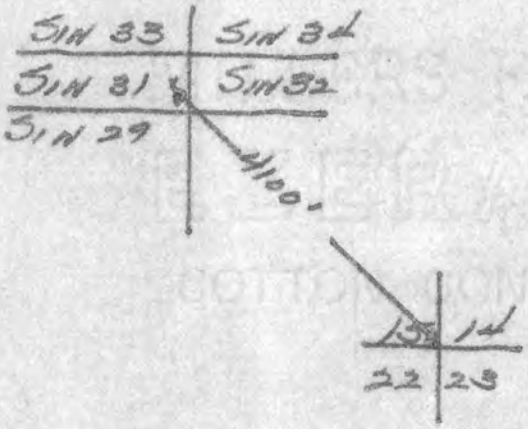
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 31 lode mining claim was located by W. A. GREER on Oct 11, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 4100 feet Northwest from the Southeast corner of Sec 15, T17S, R13E G.S.R.B.+M. and is part of a contiguous group



For W. A. Greer
by Lewis Ettawageshik
Locator
Lewis Ettawageshik

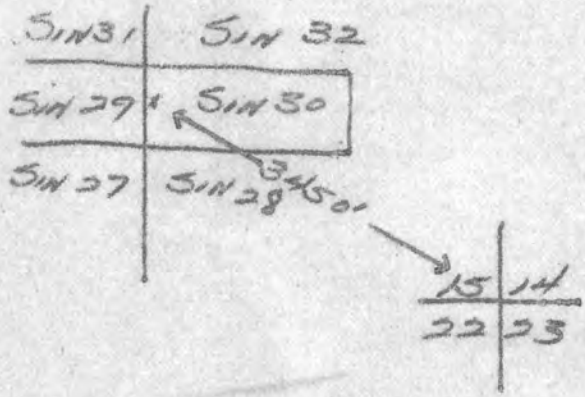
witness D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 30 lode mining claim was located by W. A. GREER on Oct. 11, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 3450 feet Northwest from the Southeast corner of Sec. 15, T 17 S. R 8 E G.S.R.B. & M. and is part of a contiguous group



For W. A. GREER

by Lewis Ethawageshik
Locator

Lewis Ethawageshik

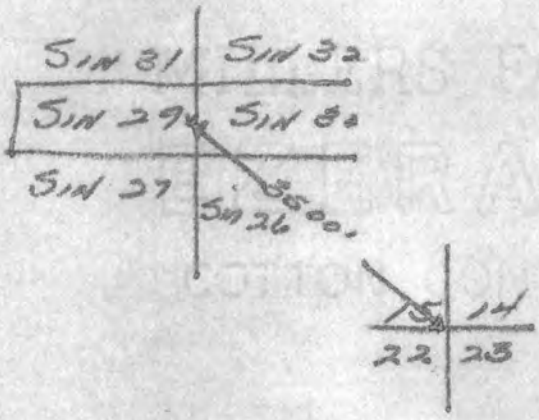
witness: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 29 lode mining claim was located by W. A. GREER on Oct 11, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East - West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 3500 feet Northwest from the Southeast corner of Sec. 15, T 17 S, R 13 E G.S.R.B.& M. and is part of a contiguous group



For W. A. GREER

By Lewis Ethanegashik
Locator

Lewis Ethanegashik

WITNESS: D. Lomayesva

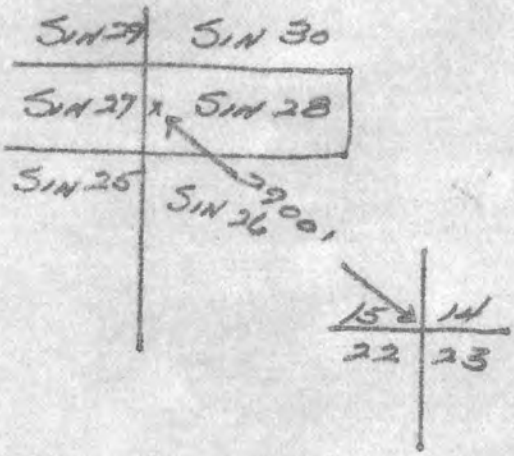
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 28 lode mining claim was located by W. A. GREER on Oct 11, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 2900 feet Northwest from the Southeast corner of Sec. 15, T 17 S, R 12 E G.S.R.B. + M. and is part of a contiguous group.



For. W. A. GREER

Lewis Ettawageshik

by Locator

Lewis Ettawageshik

WITNESS: D. Lomayesva

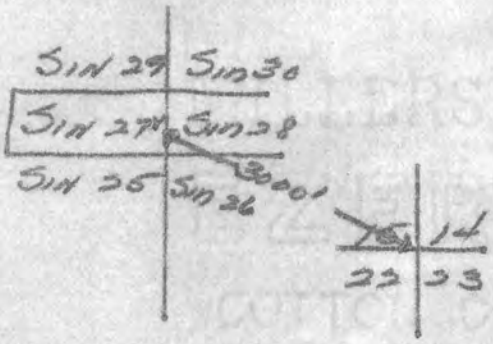
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 27 lode mining claim was located by W.A. GREER on Oct 11, 1960 This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 3000 feet Northwest from the Southeast corner of Sec 15, T17 S, R13 E G.S.R.B. & M. and is part of a contiguous group



For W. A. GREER
By Lewis Ettawageshik
Locator

- Lewis Ettawageshik

witness: D. Lomayesva

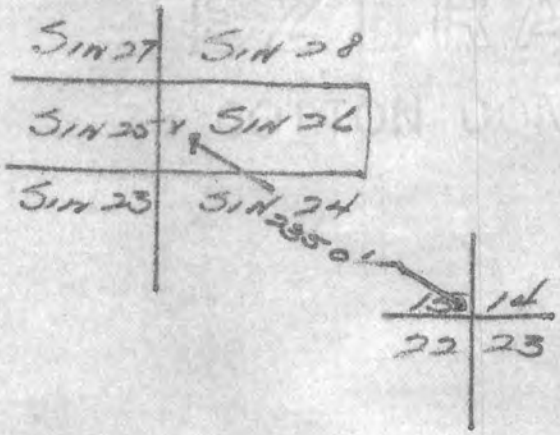
D. Lomayesva

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 26 lode mining claim was located by W. D. Greer on Oct 11, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monument or stakes, making the claim in the form of a parallelogram.

and is located 2350 feet Northwest from the Southeast corner of Sec 15, T 17 S, R 13 E G.S.R.B. and M and is part of a contiguous group



For W. D. Greer
By Lewis Ettawageshik
Locator

Lewis Ettawageshik

WITNESS: D. Lomayesva

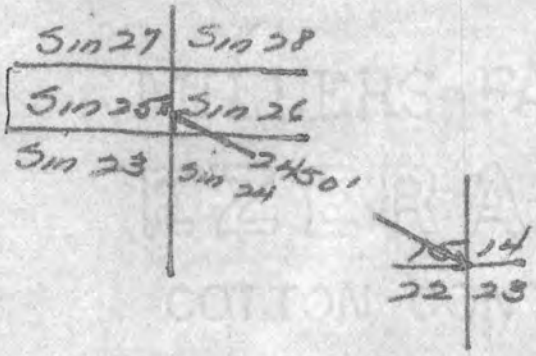
D. Lomayesva

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 25 lode mining claim was located by W. A. GREER on Oct 11, 19 60. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 2450 feet Northwest from the Southeast corner of Sec. 15, T 17S, R 13E G.S.R.B.&M. and is part of a contiguous group



For W. A. GREER

By Lewis Ethawageshik
Locator

Lewis Ethawageshik

WITNESS: D. Lomayesva

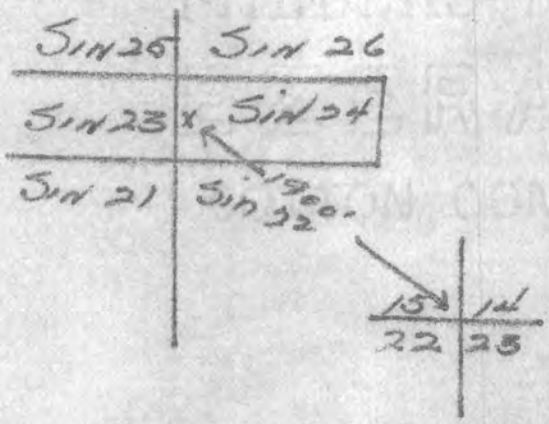
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 24 lode mining claim was located by W. A. GREER on Oct. 11, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 1900 feet Northwest from the Southeast corner of Sec. 15, T 17 S. R. 2 E G S. R. B + M and is part of a contiguous group



For W. A. GREER

By Lewis Ettawageshik
Locator

Lewis Ettawageshik

WITNESS: D. Lomayesva

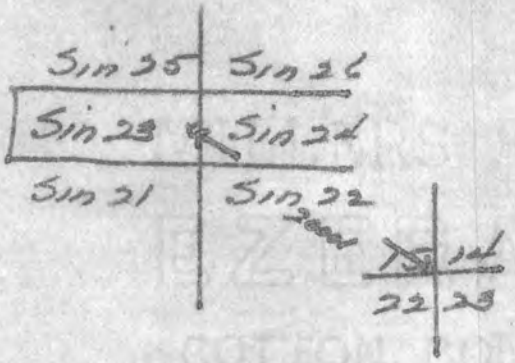
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 23 lode mining claim was located by W. A. Greer on Oct 11, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monument or stakes, making the claim in the form of a parallelogram.

and is located 2000 feet Northwest from the Southeast corner of Sec 15, T17S, R13E G.S.R.B.+M. and is part of a contiguous group



For W. A. Greer

By Lewis Ethawagestuk
Locator

Lewis Ethawagestuk

WITNESS: D. Lomayesva

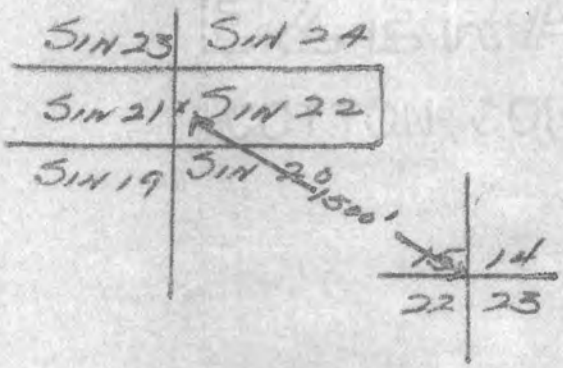
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 22 lode mining claim was located by W.A. GREER on Oct 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 1500 feet Northwest from the Southeast corner of Sec. 15, T17S, R13E G.S.R.B. + M. and is part of a contiguous group



For W.A. GREER

Lewis Ettawageshik
Locator

By Lewis Ettawageshik

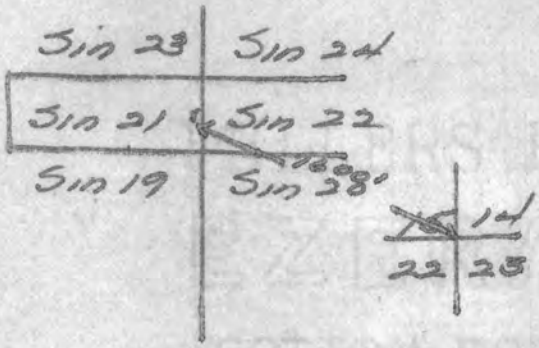
Witness: D. Lomayesva
D. Lomayesva

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 21 lode mining claim was located by W.A. GREER on Oct 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 1600 feet Northwest from the Southeast corner of Sec 15, T 17 S, R. [illegible] E G.S.R.B. & M. and is part of a contiguous group



For. W. A. GREER

By Lewis Ettawageshik
Locator

Lewis Ettawageshik

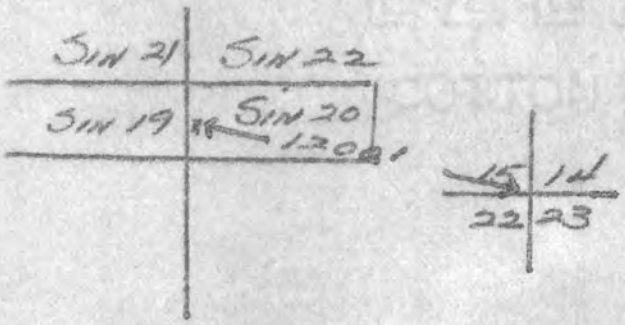
WITNESS: D. Lomayesva
D. Lomayesva

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 20 lode mining claim was located by W. A. Green on Oct 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 1200 feet Northwest from the Southeast corner of Sec 15, T 17 S, R 13 E G. S. R B + M. and is part of a contiguous group



For W. A. Green

by Lewis Ethawagashik
Locator

Lewis Ethawagashik

witness: D. Lomayesva

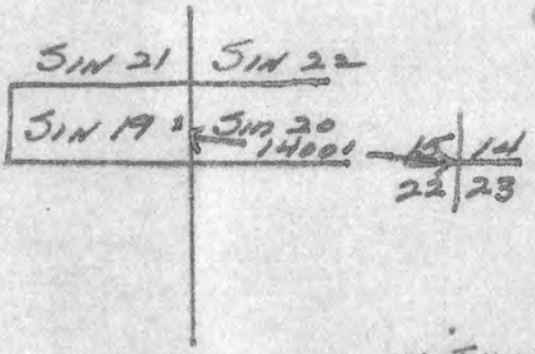
D. Lomayesva

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 19 lode mining claim was located by W. A. GREER on Oct 10, 19 60. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 1400 feet Northwest from the Southeast corner of Sec 15, T 17S, R 18E G.S.R.B. & M. and is part of a contiguous group



For W. A. GREER

By Lewis Ethwagoshik
Locator

Lewis Ethagoshik

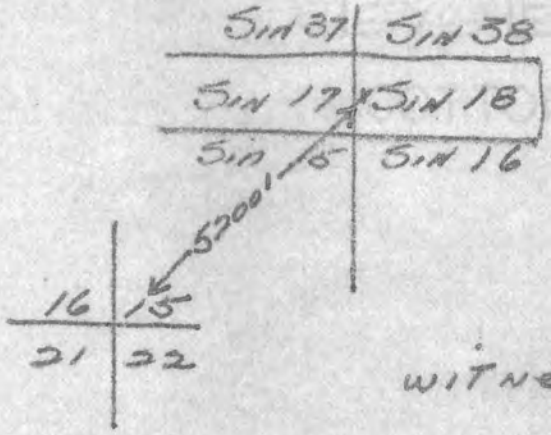
witness: D. Lomayesva
D. Lomayesva

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 18 lode mining claim was located by W. A. GREER on Oct. 10, 19 60. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 5200 feet Northeast from the Southwest corner of Sec 15, T17S, R 13 E G.S.R.B.+M. and is part of a contiguous group



For W. A. GREER

by Lewis Ethawageshik
Locator

Lewis Ethawageshik

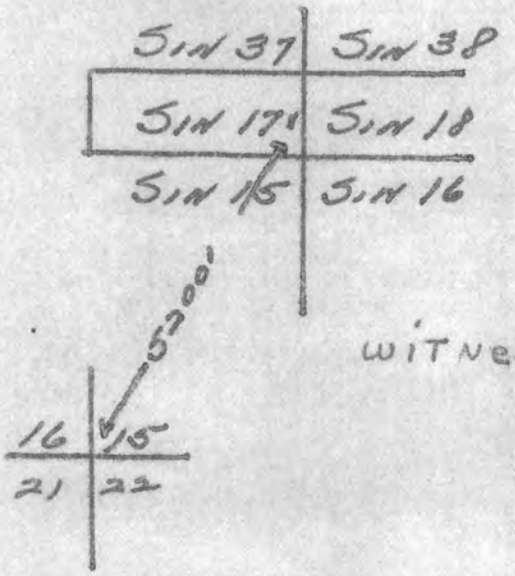
witness D. Lomayesva
D. Lomayesva

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 17 lode mining claim was located by W. A. GREER on Oct. 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 5200 feet Northeast from the southwest corner of Sec 15, T17S, R13E G.S.R.B. & M. and is part of a contiguous group



For W.A. GREER

By Lewis Ettawageshik
Locator

Lewis Ettawageshik

WITNESS: D. Lomayesva

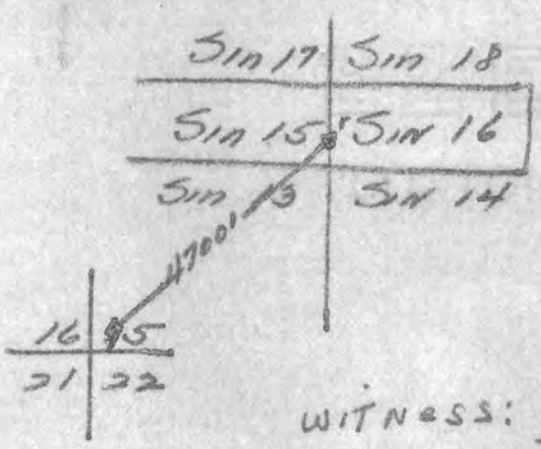
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 16 lode mining claim was located by W. A. GREER on Oct 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 4700 feet Northeast from the Southwest corner of Sec. 15, T 17 S, R 13 E G.S.R.B.&M and is part of a contiguous group



For W. A. GREER

By Lewis Ettawageshik
Locator

Lewis Ettawageshik

WITNESS: Dwight Lomayesva

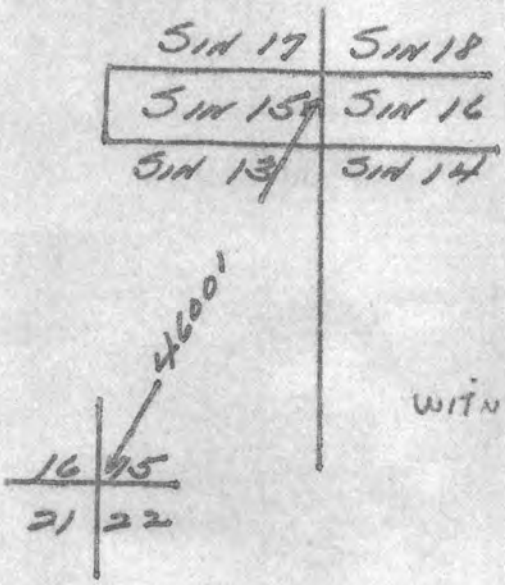
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the SIN 15 lode mining claim was located by W. A. GREER on Oct. 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 4600 feet Northeast from the Southwest corner of Sec. 15, T 17 S, R 22 E G.S.R.B.+M. and is part of a contiguous group



For W. A. GREER
By Louis Ettawagoshik
Locator

Louis Ettawagoshik

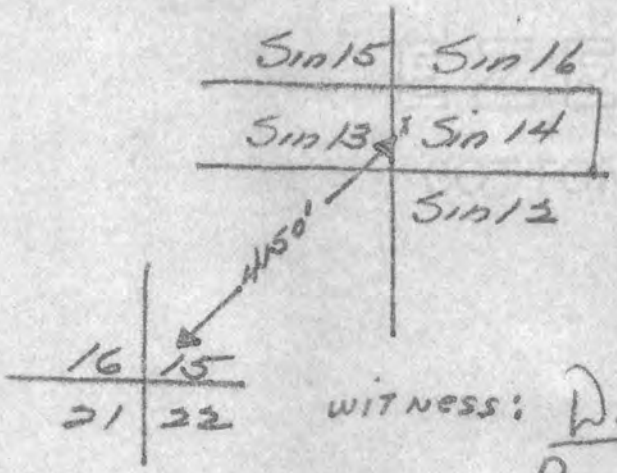
WITNESS: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 14 lode mining claim was located by W. A. GREER on Oct 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 1450 feet Northeast from the Southwest corner of Sec 15, T17S, R.13E G.S.R.B+M and is part of a contiguous group



For W. A. GREER

By Lewis Ethawageshik
Locator

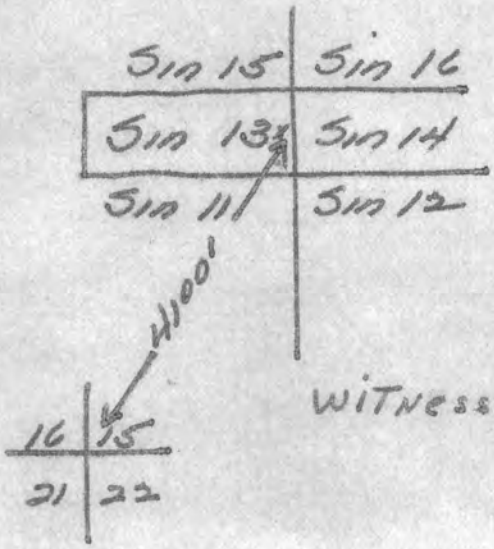
Lewis Ethawageshik

WITNESS: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 13 lode mining claim was located by W. A. GREER on Oct. 19, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.
and is located 4100 feet Northeast from the Southwest corner of sec 15, T 17S, R 12E G.S.R.B + M. and is part of a contiguous group



For. W. A. GREER
by Louis Ettawageshik
Locator
Louis Ettawageshik

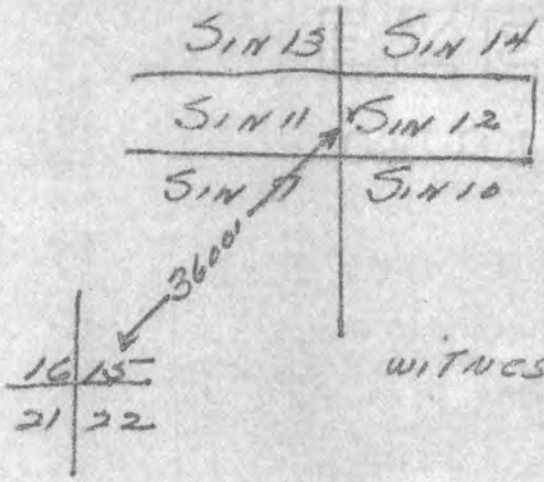
WITNESS: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 12 lode mining claim was located by W. A. GREER on Oct. 10, 1960 This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 3600 feet Northeast from the Southwest corner of Sec. 15, T 17 S, R 13 E G.S.R.B.+M. and is part of a contiguous group



For W. A. GREER
Lewis E Hawageshik
Locator
By Lewis E Hawageshik

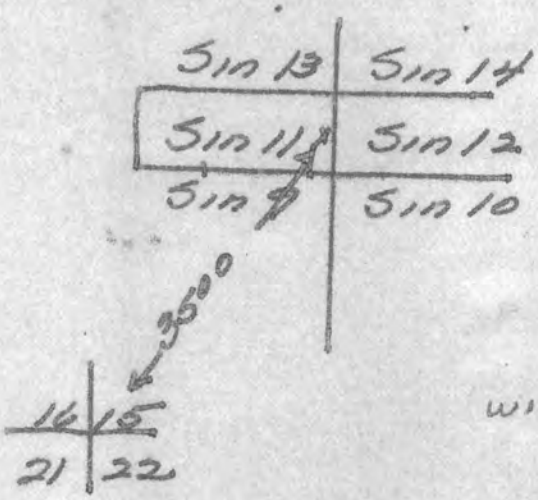
WITNESS: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 11 lode mining claim was located by W. A. GREER on Oct 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 3500 feet Northeast from the Southwest corner of Sec 15, T17S, R13E G.S.R.B+M and is part of a contiguous group



For: W. A. GREER

by Louis Ethawiageshik
Locator

Louis Ethawiageshik

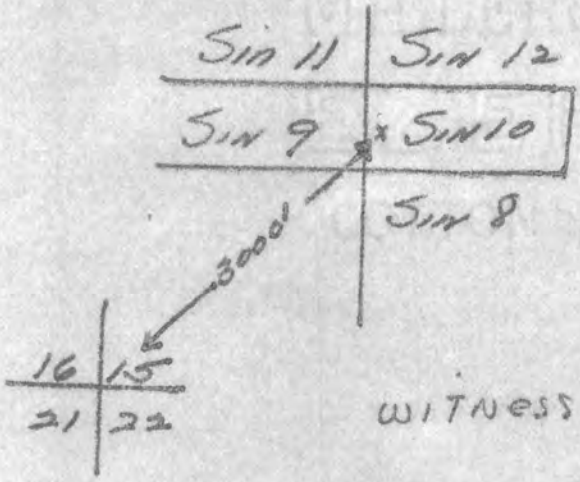
WITNESS: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 10 lode mining claim was located by W. A. GREER on Oct 10, 19 60. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 3000 feet Northeast from the Southwest corner of Sec 15, T 17 S, R [redacted] E G.S.R.B. + M. and is part of a contiguous group



For W. A. GREER

By Lewis E Hawagashik
Locator

Lewis E Hawagashik

WITNESS: D. Lomayesva

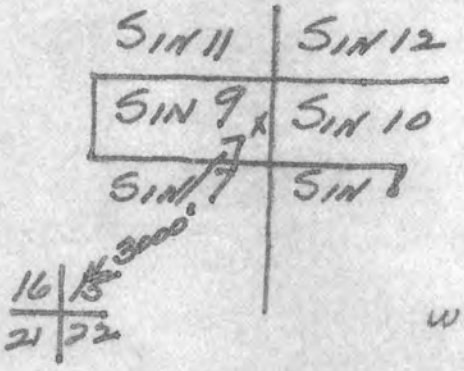
D. Lomayesva

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 9 lode mining claim was located by W. A. Greer on Oct 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a East direction to the East center end monument or stake and ~~3000~~ 1450 feet in a West direction from the location monument or stake to the West center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 3000 feet Northeast from the Southwest corner of Sec. 16, T 17 S, R 13 E. G.S.R.B.+M and is part of a contiguous group



For W. A. Greer
by Louis Ettawageshik
Locator

Louis Ettawageshik

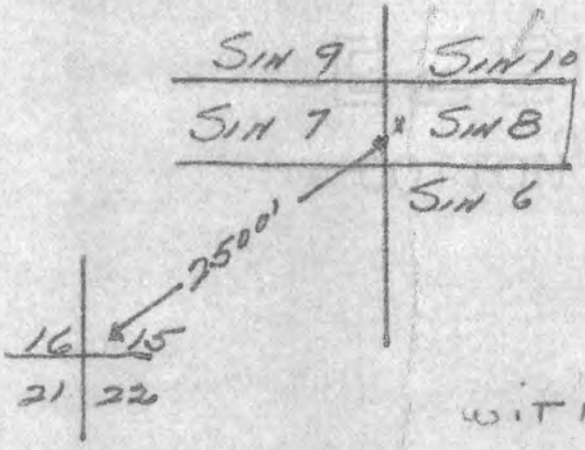
WITNESS: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 8 lode mining claim was located by W. A. GREER on Oct 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 2500 feet Northeast from the Southwest corner of Sec. 15, T 17 S, R 1 E G S R B + M and is part of a contiguous group



For W. A. GREER

By Lewis Ethawagoshik
Locator

Lewis Ethawagoshik

WITNESS: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the SIN 7 lode mining claim was located by W. A. GREER on 10 OCT, 19 60. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is EAST - WEST and is situated in the PIMA Mining District, PIMA County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a EAST direction to the EAST center end monument or stake and 1450 feet in a WEST direction from the location monument or stake to the WEST center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

¢ IS LOCATED 2400 FEET NORTHEAST FROM THE SOUTHWEST CORNER OF SEC. 15, T 17S, [redacted] R13E G. S. R. B & M. ¢ IS PART OF A CONTIGUOUS GROUP

SIN 9	SIN 10
SIN 7	SIN 8
SIN 5	SIN 6

2400 E

16	15
21	22

FOR W. A. GREER
by Lewis Ettawageshik
Locator
LEWIS ETTAWAGESHIK

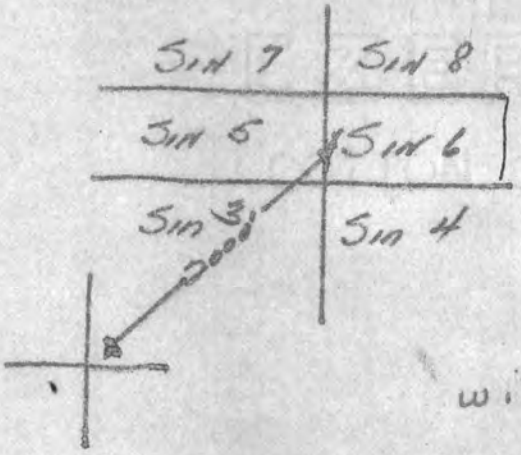
WITNESS: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 6 lode mining claim was located by W. A. GREER on Oct 12, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 2000 feet Northeast from the Southwest corner of Sec 15, T17S, R13E GSRB+M, and is part of a contiguous group



Fr. W. A. GREER
by Lewis Ethawageshik
Locator

Lewis Ethawageshik

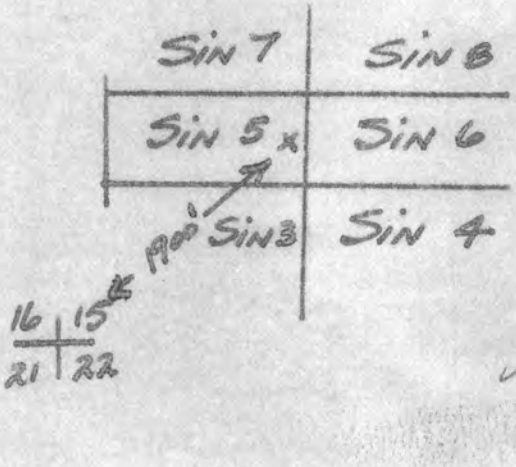
WITNESS: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the SIN 5 lode mining claim was located by W. A. GREER on 10 OCT., 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is EAST-WEST and is situated in the ~~Twin~~ PIMA Mining District, PIMA County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a EAST direction to the EAST center end monument or stake and 1450 feet in a WEST direction from the location monument or stake to the WEST center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

¢ IS LOCATED about 1900 FEET NORTHEAST FROM THE SOUTHWEST CORNER OF SEC. 15, T17S R13E, GSRB&M. ¢ IS PART OF A CONTIGUOUS GROUP.



FOR W. A. GREER
by Lewis Ettawageshik
Locator
Lewis Ettawageshik
(Agent)

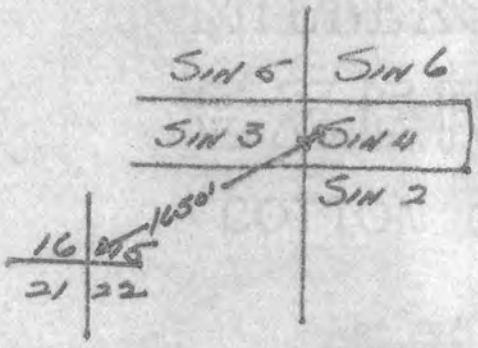
witness: D. Lomayesva
D. Lomayesva

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 4 lode mining claim was located by W. A. GREER on Oct. 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

and is located 1650 feet Northeast from the Southwest corner of Section 15, T 17 S, R 13 E G.S.R.B + M and is part of a contiguous group



For W. A. GREER

By Lewis Ettawageshik
Locator

Lewis Ettawageshik

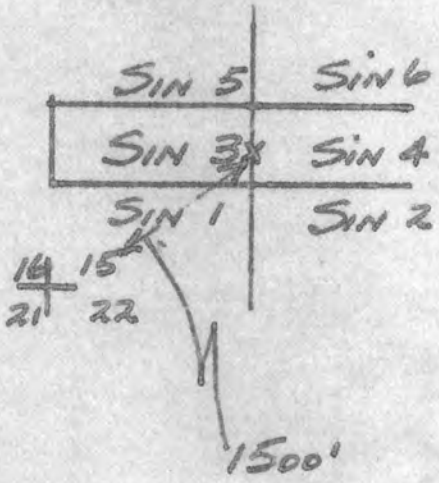
WITNESS: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the SIN 3 lode mining claim was located by W. A. GREER on 10, Oct., 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is EAST-WEST and is situated in the ~~Twin Buttes~~ PIMA Mining District, PIMA County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a EAST direction to the EAST center end monument or stake and 1450 feet in a WEST direction from the location monument or stake to the WEST center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

¢ is located about 1500 FEET NORTH EAST FROM THE SOUTHWEST CORNER OF Sec. 15 T17S, R[illegible]E, G.S.R.B&M & is PART OF A CONTIGUOUS GROUP



FOR W. A. GREER
by Lewis Ettawageshik
Locator
LEWIS ETTAWAGESHIK
(AGENT)

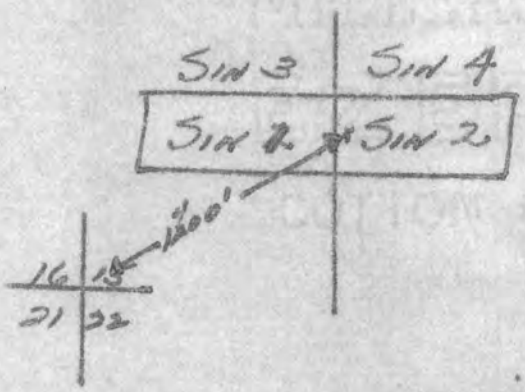
witness: D. Lomayesva
D. LOMAYESVA

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

Notice of Location
(LODE)

NOTICE IS HEREBY GIVEN that the Sin 2 lode mining claim was located by W. A. Greer on Oct 10, 1960. This claim is 1,500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the middle of said vein or deposit at which this notice is posted. The general course of this claim is East-West and is situated in the Pima Mining District, Pima County, Arizona. This claim runs from the location monument or stake on which the notice is posted 50 feet in a West direction to the West center end monument or stake and 1450 feet in a East direction from the location monument or stake to the East center end monument or stake, and is also marked by two corner monuments or stakes at each end of the claim, one on each side of and 300 feet from the center end monument or stakes, making the claim in the form of a parallelogram.

and is located 1800 feet Northeast from the Southwest corner of Sec. 15, T 17 S, R [illegible] E G.S.R.B.&M. and is part of a contiguous group



For W.A. Greer

By Lewis E Hawogeshik
Locator

Lewis E Hawogeshik

WITNESS: D. Lomayesva
D. Lomayesva

Write on the above lines the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified. Give the section, township and range if known and, if possible, the direction and distance from the nearest public survey marker. It is advisable to make a sketch in the space above, showing the adjoining and overlapping claims. If this is an amendment of a location notice, give the name and book and page of recording of the claim being amended.

NOTICE OF LOCATION

NOTICE IS HEREBY GIVEN That the Sin 1 Mining Claim was located by W. A. GREER on this 24 day of OCTOBER, 1960, for mining purposes. Said claim is 1500 feet in length along the vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is EAST - WEST and is situated in the ~~Twin Butte~~ PIMA Mining District PIMA County, Arizona, about 1240 FEET NORTH EAST FROM THE SOUTH WEST CORNER OF SEC. 15, T17S, R13E G.S.R.B.&M & IS PART OF A CONTIGUOUS GROUP.

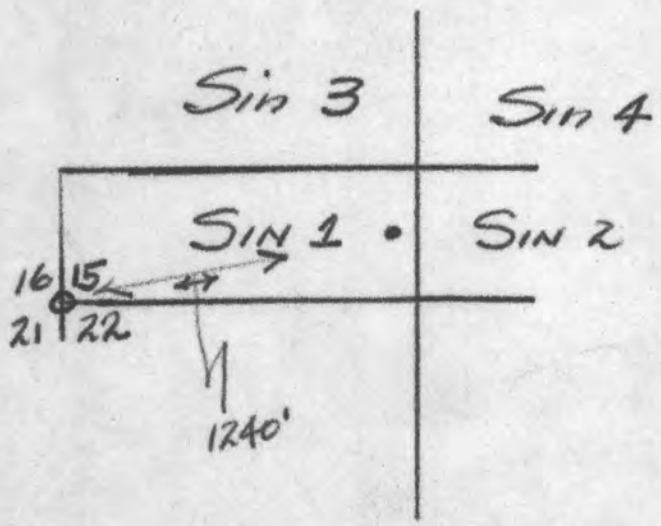
(Write on above lines the distance and direction the claim is from some permanent and natural object, such as a mountain, peak, stream, etc.)

This claim runs from the discovery monument, or stake on which the notice is posted, 50 feet in a EAST direction to the EAST center end monument, or stake, and 1450 feet in a WEST direction from the aforesaid monument, or stake, to the WEST center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallellogram.

For W. A. GREER
by Lewis Ettawageshik

Dwight Lomayesva
Witness

LEWIS Ettawageshik
(Agent)
Locator.



October 29, 1960

Mr. M. W. McAfee
Sinaloa & Western Exploration Syndicate
7668 Santa Fe Avenue
Huntington Park, California

Dear Mr. McAfee:

This will refer to our report of 10 October 1960, letter of 19 October, letter of 15 September 1960, conversations with you at the Mining Congress meeting in Las Vegas and conversations with Mr. Greer yesterday and today here in Tucson.

Based on the above, we recommend that the next steps should be to further appraise the anomalism already obtained, and consistant with the results being obtained, keep abreast with the appropriate ground protection necessary and available. The latter has already been partially accomplished by the location of type B claims on state land, as available for location, on the western 3/4 of Section 34, and all of sections 3, 2, and 10, and the lode claims put in by us covering all of Section 15. Although originally we did not think so, it may be well, if only for purely protection purposes, to consider also the location of the available portion of Federal Section 11, which is all but the SE¼ of the SE¼. For location posts and notices only, this would cost approximately $500.00.

Since the western half of Section 15 and the southern portion of the SW corner of Section 10, are currently indicated to be the major zone of primary interest, we recommend that this area be covered as soon as possible by the Induced Potential electrical method to delineate the possible existance and correlation of any sulfide concentrations, and as a better guide for drill target locations. In this work, using an average spacing of 500 ft., we get approximately 3000 ft. average lineal coverage at depth per spread set-up, with each set-up requiring about 3 days. Therefore, between three and six days will be required for a minimum preliminary appraisal of the area, and about 12 days for total coverage. Cost for this would be very close to $3000.00, or roughly the equivalent of one half to one drill hole. If the initial I.P. results

were neither definitive nor encouraging in this area, it might then be advisable to consider substituting some broader I. P. reconnaissance over some of the other areas in order to try and obtain some correlation with the magnetic picture. Or, as another alternative, geochemical or other electrical methods reconnissance might be indicated. All of these latter possibilities should be played by ear pending the initial I. P. results.

To complete the location work on all 36 federal claims in Section 15 will require approximately 1 week additional surveying and setting of posts at a cost of about $700.00 including the posts. The location pits themselves will cost around $40.00 to $50.00 apiece for this many claims, or slightly to somewhat more if some of the claims are dropped, depending on which ones and how many in the aggregate.

It should be kept in mind placing of corner and end center posts and location pits on the Federal claims in Section 15 will have to be completed, or at least under way by 7 January 1961. Otherwise these claims will then be subject to third party entry. For the time being, we have decided to forego attempting to further substantiate discovery on any of the State type B claims until such time as it is agreed that leases from the state should be obtained for the amount of added protection needed over and above that presently had by the posting of new location notices. It is recommended that concurrence on this point should be obtained from attorney Mr. Will Dees. Obviously, short of actual drill results, it may be difficult though not necessarily impossible, to satisfy the state on their proof of discovery requirement for obtaining a lease. Because of this situation it always saves time and money to have everything that is cheaply and easily obtainable on hand to present to the state when you are seriously trying to consumate a lease agreement. Picked surface samples, even though minute and not necessarily in place will often help immeasurably, as well as geophysical results, of course.

Complete sets of U.S.G.S. quadrangle maps and the Pima District U.S.G.S. Geological bulletin are being procured and will be forwarded to everyone concerned as soon as available.

(1 ea. herewith)

Sincerely yours,
HEINRICHS GEOEXPLORATION COMPANY

Walter E. Heinrichs, Jr.
President & General Manager

WEH:jh

cc: W. A. Greer
1 Enclosed cc.

Oct 10, 1960
LFE
DL
DKG

S + W

Instrument on Sta 39+00 set by B.M.
Traverse North

3.00 42+00 set
lath marked 13, 14, 15, 16

T.P. 1 5.50 Sta 44+50
0.50 45+00 set
lath. Set posts 50' E + W. with claim notices Sin 15 + 16

T.P. 2 2.25 Sta 46+75
T.P. 3 1.65 Sta 48+40
-0.40 48+00 set
lath marked 15, 14, 17, 18
2.00 50+40 set
lath. Set posts 50' E + W. with claim notices Sin 17 + 18

Instrument on E 1/16 cor ? S side Sec 15.
1" iron pipe. Lead cap marked 1052, 5.57
Backsight Sec Cor 15 | 14
22 | 23

L 90° Counterclockwise. Double L 180.00
Traverse North.

T.P. 1 1.85 Sta 1+85
1.15 3+00 set lath
Set Posts 50' E+W with claim notices Sin 19 + 20

185
295
365
450
375
310
275
435
2650

185
295
480
365
845

1940
1650
2100

2215
185
2400

26150
5480
4845
75
36

185
295
365
450
1295
3350
1610
310
1940
275
2215
985
700
2

S & W

T.P. 2 2.95 Sta 4+80
1.20 6+00 Set

lath marked 19, 20, 21, 22

T.P. 3 3.65 Sta 8+45
0.55 9+00 Set

1"X2". Set Posts 50' E & W. with claim notices Sin 21 & 22

T.P. 4 4.50 Sta 12+95

Oct 11, 1960
LME
DL
DKG

Instrument on T.P. 4 Sta 12+95
- 0.95 12+00 Set

lath marked 21, 22, 23, 24.

2.05 15+00 Set

lath. Set posts 50' E & W with claim notices Sin 23 & 24

T.P. 5 3.35 Sta 16+70
1.70 18+00 Set

lath marked 23, 24, 25, 26

T.P. 6 3.10 19+40
1.60 21+00. Set

lath. Set posts 50' E & W with claim notices Sin 25 & 26.

T.P. 7 2.75 Sta 22+15

S. & W.

1.85 24+00 Set

lath marked 25, 26, 27, 28

T.P. 8 4.35 Sta 26+50

0.50 27+00 Set

lath. Set Posts 50' E&W with claim notices Sin 27+28

3.50 30+00 Set

lath marked 27, 28, 29, 30

T.P. 9 5.80 32+30

0.70 33+00 Set

lath. Set posts 50' E&W with claim notices Sin 29+30

T.P. 10 4.45 36+75

- 0.75 36+00 Set

lath marked 29, 30, 31, 32

2.25 39+00 Set

lath. Set posts 50' E&W with claim notices Sin 31+32

T.P. 11 3.55 40+30

1.70 42+00 Set

lath marked 31, 32, 33, 34

T.P. 12 4.70 45+00 Set

lath. Set posts 50' E&W with claim notices Sin 33+34

3.00 48+00 Set

lath. Marked 33, 34, 35, 36

T.P. 13 5.40 50+40 Set Lath

Set posts 50' E&W. with claim notices Sin 35+36

September 15, 1960

Sinaloa & Western Exploration Syndicate
7668 Santa Fe Avenue
Huntington Park, California

Gentlemen:

By authorization of Mr. M. W. McAfee of Sinaloa & Western Exploration Syndicate, Heinrichs Geoexploration Co. of Tucson, Arizona made a total intensity magnetic survey over portions of Section 34, T 16 S, R 13 E, and Sections 3, 10, and 15, T 17 S, R 13 E, Pima County, Arizona. A truck mounted mobile magnetometer was used, and the field work done on September 8 and 10, 1960. Somewhat more than 25 miles were run and the results plotted in contour map form. Three copies of this resultant map are included herewith.

Two areas of anomalism were found. One, the weaker, is near the section line between Sections 34 and 3. The cause of the anomaly appears to be relatively deep, possibly on the order of 1000 feet. The other anomalous area is the southwest part of Section 15. Probably the low in Section 10 is also related to this anomaly, which considerably extends the anomalous area. There is a hill with outcrop in the southwest quarter of Section 15. The geology map of U. S. Geological Survey Bulletin 1112-C by John R. Cooper (recently released) shows this outcrop as Pre-Cambrian granite on the north side and Paleozoic sedimentary rock, primarily Bolsa quartzite, on the south side. Study of the MoMag records and the contour map indicates that the cause of the anomaly is probably <u>not</u> entirely a near surface feature of the outcropping rocks. The strongest anomalism found was actually off the outcrop, to the east, under some unknown depth of the alluvial fan.

This anomaly appears to have some possible/probable significance in the light of what is known about the Pima Mining District. However, before plunging quickly into any drilling program, it is strongly advised and recommended that the following steps be considered and followed.

1. Map the geology of the outcrop in detail. Make petrographic studies, by thin section, of the rock types. carefully look for signs of mineralization.

2. Do more detailed magnetic work - some can be done with the mobile magnetometer, some must be done with a hand instrument.

3. Use at least one other geophysical method to attempt to find anomalism in the same area by a different approach. Induced potential or electromagnetics are suggested.

4. Correlate and evaluate all three of the above before selecting drill sites.

Drilling to evaluate this anomaly should consist of a minimum of three holes with minimum depth in each somewhere between 500 and 1000 feet. Minimum drill evaluation of the other anomaly to the north should be at least two holes of depths between 1000 and 1500 feet each. Since this is due east of Pima Mine, by about 4 miles, it is certainly worth consideration also.

We believe the map will be of considerable value to you in determining your future course of action. If you have further questions, we will try to answer them.

Our final billing is enclosed. It has been a privilege to be of service to you, and we hope to have further association with you in the future.

Very truly yours,
HEINRICHS GEOEXPLORATION COMPANY

John W. Marlatt
Geologist

Enc: 4
JWM/pr

Approved by:

Walter E. Heinrichs Jr., President
Heinrichs Geoexploration Company
P.O. Box 5671 Tucson, Arizona

MoMAG Records & Maps

KAROLTON KLASP—8¾ x 11¼