



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the Walter E. Heinrichs, Jr. Mining Collection

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① mag

Acorn L-1
heading N.

Jan 18, 66

7. T16N
TR. MK. REG. U.S. PAT. OFF.

interval $\frac{1}{10}$ mile

start $\frac{1}{10}$ N of SW cor sec

| Sta | Scale | Read | Time | R.I.W |
|-----|-------|------|------|---|
| 1 | +1 | +104 | 1:17 | |
| 2 | Base | +106 | | |
| 3 | | 104 | | $\frac{1}{10}$ in |
| 4 | | 105 | | E-W see line $\frac{1}{2}$ |
| 5 | | 105 | | fence in between stations |
| | | | | ← offset E $\frac{1}{10}$ mile |
| 6 | | 103 | | |
| 7 | | 102 | | |
| 8 | | 90 | | |
| 9 | | 73 | | |
| 10 | | 65 | | |
| 11 | | 70 | | |
| 12 | | 85 | | |
| 13 | | 102 | | |
| 14 | | 108 | | |
| 15 | | 111 | | |
| 16 | | 111 | | ~ fence E-W offset W $\frac{1}{10}$ mile heading N. |
| 17 | | 111 | 1:45 | |
| 18 | | 114 | | |
| 19 | | 95 | | near white Barrett contact |
| 20 | | 94 | | |

(2)

| |
|------------------------------|
| Recon L-2 |
| handing was |
| Jan 18, 66 |
| TR. MKT. REG. U.S. PAT. OFF. |

mag

| Sta | Scale | Read | Time |
|-----|-------|------|-------|
| 21 | +1 | 90 | 11:55 |
| 22 | | 98 | |
| 23 | | 90 | |
| 24 | | 86 | |
| 25 | | 107 | |
| 26 | | 114 | |
| 27 | | 112 | |
| 28 | | 98 | |
| 29 | | 91 | |
| 30 | | 88 | |
| 31 | | 88 | 2:15 |

} heading W
Turn West
Furning S

Y X X X X X

Fence E-W

(3) mag

Line 3
heading E 65
Jan 18, 1966
TR. MK. REG. U.S. PAT. OFF.

STANT $\frac{1}{10}$ mile E of STA 16.

| Sta | Scale | Read | Time | heading E |
|-----|-------|------|------------|-----------|
| 32 | +1 | 105 | 2:20 | } |
| 33 | | 90 | | |
| 34 | | 98 | | |
| 35 | | 95 | | |
| 36 | | 97 | | |
| 37 | | 82 | | |
| 38 | | 58 | | |
| 39 | | 48 | | |
| 40 | | 57 | small knob | |
| 41 | | 70 | | |
| 42 | | 85 | | |
| 43 | | 98 | | |

0 FS set $\frac{4}{10}$ E heading E
Readings every $\frac{1}{10}$ E

| | | | |
|----|--|----|------|
| 44 | | 98 | 2:45 |
| 45 | | 94 | |
| 46 | | 97 | |
| 47 | | 98 | |

? fence to the south (running E-W)

A

mag

Line 4
reading N

Jan 18, 60

TR. MK. REG. U.S. PAT. OFF.

| Sta | Scale | Read | Time |
|-----|-------|------|------|
| 48 | +1 | 98 | 2:55 |
| 49 | | 92 | |
| 50 | | 94 | |
| 51 | | 95 | |
| 52 | | 84 | |
| 53 | | 78 | |
| 54 | | 75 | |
| 55 | | 88 | |
| 56 | | 89 | |
| 57 | | 94 | |

small Roll

(5)

mag

| |
|---------------|
| Line 5 |
| heading E & S |
| |
| |

TR. MK. REG. U.S. PAT. OFF.

| Sta | Scale | Read | Time | heading |
|-----|-------|------|------|------------|
| 58 | | 70 | 3:05 | E |
| 59 | | 77 | | Fence line |
| 60 | | 81 | | |

heading S Fence line on E side

| | | |
|----|--|----|
| 61 | | 78 |
| 62 | | 82 |
| 63 | | 88 |
| 64 | | 87 |
| 65 | | 90 |
| 66 | | 95 |
| 67 | | 95 |
| 68 | | 96 |
| 69 | | 95 |
| 70 | | 96 |

Base Check

105 4:20

Dec 7 & 18 & 13

Line 6

Heading 5

Jan 19, 66

TR. MK. REG. U.S. PAT. OFF.

1/10 interval
mile

T 16 N
R 1 E

mag

| Sta | Scale | Read | time |
|-----|-------|------|------------------|
| 1 | +1 | 130 | 8:40 (Base Sta) |
| 2 | | 125 | |
| 3 | | 122 | |
| 4 | | 138 | |
| 5 | | 128 | |
| 6 | | 128 | |
| 7 | | 126 | |
| 8 | | 128 | |
| 9 | | 128 | |
| 10 | | 129 | |
| 11 | | 128 | - fence line E-W |

line 2/10 off West
from 18, 19, 24
see corner

Line 6
Heading 5 from section cor.
1st Read at corner

| | | | |
|----|--|-----|---------------------------------|
| 12 | | 150 | |
| 13 | | 145 | 9:20 (1/2 interval windmill) |
| 14 | | 149 | |
| 15 | | 148 | |
| 16 | | 156 | |
| 17 | | 144 | N-S fence line |
| 18 | | 144 | |
| 19 | | 139 | ~ 100' N of fence road |
| 20 | | 115 | |
| 21 | | 136 | |
| 22 | | 135 | ~ cor |
| 23 | | 133 | |

offset 6/10 mile W

ORIGINAL COPY, 1910 BY J. C. PARKER
LEFAX, PHILADELPHIA 7, PA., MADE IN U.S.A.

(7)

may

| |
|------------------------|
| Line 7 |
| heading W : |
| Jan 19, 66 |

TR. MK. REG. U.S. PAT. OFF.

| Sta | Scale | Read | Time | |
|-----|-------|------|--------|---------------------------|
| 24 | | 114 | 10:35 | |
| 25 | | 113 | | brault boulder |
| 26 | | 113 | | |
| 27 | | 113 | | |
| 28 | | 116 | | |
| 29 | | 123 | | furrow road |
| 30 | | 120 | | |
| 31 | | 125 | | |
| 32 | | 120 | | |
| 33 | | 106 | | |
| 34 | | 98 | | E-W sec line |
| 35 | | 108 | | |
| 36 | | 117 | | |
| 37 | | 109 | | |
| 38 | | 111 | | |
| 39 | | 122 | | |
| 40 | | 132 | | |
| 41 | | 142 | 11:10 | |
| 42 | | 151 | | 1/2 of 1/10 interval |
| 43 | | 142 | | |
| 44 | | 126 | | steady increase |
| 45 | | 156 | | fence sec line |
| 46 | | 106 | | |
| 47 | | 15 | | |
| 48 | | 60 | | Rx type P |
| 49 | | 0. | | |
| 50 | | 10 | 11:45 | |
| | | | offset | 3/10 To W. no readings |

mag

Line 8.

Reading 5

Jan 19, 60

TR. MK. REG. U.S. PAT. OFF.

| Sta | Scale | Read | Time | |
|-----|-------|--------|-------|--------------------|
| 51 | +1 | 150 | 12:15 | Basalt |
| 52 | | 40-100 | | Spindie Read |
| 53 | -1 | 10-60 | | |
| 54 | +1 | 106 | | |
| 55 | | 109 | | fence see line E-W |
| 56 | | 102 | | |
| 57 | | 98 | | |
| 58 | | 108 | | |
| 59 | | 126 | | |
| 60 | | 155 | | |
| 61 | | 98 | | |
| 62 | | 60 | | |
| 63 | | 77 | | |
| 64 | | 78 | | |

Base Check in:

129 1:05

(9)

mag

Line 9

Heading 5

Jan 19, 66

TR. MK. REG. U.S. PAT. OFF.

start see 18 + 7 1/4 cor.

| Sta | Scale | Read | time | |
|-----|-------|------|------|-------------|
| 1 | +1 | 74 | 1:25 | ~ at corner |
| 2 | | 93 | | |
| 3 | | 111 | | |
| 4 | | 134 | | |
| 5 | | 86 | | |
| 6 | | 100 | | |
| 7 | | 108 | | |
| 8 | | 111 | | |
| 9 | | 102 | | |
| 10 | | 102 | | |
| 11 | | 122 | | |
| 12 | | 121 | | |
| 13 | | 125 | | |
| 14 | | 121 | | |
| 15 | | 115 | | |
| 16 | | 113 | | |
| 17 | | 104 | | |
| 18 | | 105 | | |
| 19 | | 111 | | |
| 20 | | 110 | | |

N-S fence line

offset 5/10 mile E

| | | | |
|----|--|----|---------------|
| 21 | | 98 | 1st 2/10 read |
| 22 | | 78 | 2nd 2/10 read |
| 23 | | 78 | 5/10 |

Heading 5 (approx)

| | | | |
|----|--|----|--------------|
| 24 | | 83 | E-W see line |
| 25 | | 75 | |
| 26 | | 62 | |
| 27 | | 65 | Power line |

(10)

mag

Line 9 cont
Heading 5

TR. MK. REH. U.S. PAT. OFF.

| Sta | Scale | Read | Time |
|-----|-------|------|------|
| 28 | +1 | 82 | 2:40 |
| 29 | | 78 | |
| 30 | | 93 | |
| 31 | | 108 | |
| 32 | | 104 | |
| 33 | | 90 | |
| 34 | | 80 | |
| -35 | | 85 | |
| 36 | | 88 | |
| 37 | | 68 | |
| 38 | | 73 | |
| 39 | | 98 | |
| 40 | | 87 | |
| 41 | | 92 | |
| 42 | | 92 | |
| 43 | | 106 | |
| 44 | | 110 | |

line ran slightly
east of N-S. See
line

→ ductile
SE 2-5'

①

T 16 N, R 2 W
 sec 10 12
 R 1 W
 6 & 7

E-M
 Line 1
 Jan 20, 66
TR. MK. REG. U.S. PAT. OFF.

→ starting corner.

Bearing N 30° E

Interval between receiver & sender
 400'

Station interval 250'

| Sta | Low f | | High f | |
|-----|-------|-------|--------|---------------|
| | Read | Width | Read | Width |
| 1 | 0 | | 0 | |
| 2 | +1 | | +1 | |
| 3 | +1 | | +1 | |
| 4 | +1 | | +1 | 0-3 |
| 5 | +1 | | 0 | |
| 6 | 0 | | 0 | |
| 7 | +1 | | +1 | |
| 8 | +2 | 0-3 | 0 | |
| 9 | +3 | 1-5 | +2 | |
| 10 | +1 | | +1 | |
| 11 | +1 | | 0 | |
| 12 | +1 | | -1 | |
| 13 | 0 | | +1 | |
| 14 | 0 | | 0 | reference E-W |
| 15 | 0 | | +1 | |
| 16 | +1 | | +1 | |
| 17 | 0 | | 0 | |
| 18 | 0 | | 0 | |
| 19 | 0 | | 0 | |
| 20 | 0 | | 0 | |

(2)

Line 1
Jan 20, 66

TR. MK. REG. U.S. PAT. OFF.

| Sta | Low | | High | |
|-----|------|-------|------|-------|
| | Read | width | Read | width |
| 21 | 0 | | 0 | |
| 22 | 0 | | 0 | |
| 23 | 0 | | 0 | |

$$\begin{array}{r}
 240 \\
 220 \\
 \hline
 20 \\
 20 \\
 \hline
 40
 \end{array}$$

ORIGINAL COPY, 1910 BY J. C. PARKER

Sec 8 R1E (3)
 center
 from windmill
 N 50° W to windmill
 low High

Line 2
 Jan 20, 66
 E-M
 TR. MK. REG. U.S. PAT. OFF.

| Sta | Read | Width | Read | Width | |
|-----|------|-------|------|-------|-----------------------|
| 1 | 0 | 0- | +1 | | |
| 2 | 0 | " | +2 | 0-4 | |
| 3 | 0 | " | 0 | 2-1 | |
| 4 | 0 | " | 0 | 2-1 | |
| 5 | 0 | " | +2 | 0-4 | |
| 6 | 0 | " | 0 | 0-1 | |
| 7 | 0 | " | 0 | 0-1 | |
| 8 | 0 | " | 0 | 0-1 | |
| 9 | 0 | " | 0 | 0-1 | |
| 10 | 0 | " | 0 | 0-1 | |
| 11 | +1 | 5-5 | +1 | 4-5 | Fence E-W (300' from |
| 12 | +3 | 2-4 | +1 | | fence E-W sta 9 |
| 13 | +1 | | +1 | | |
| 14 | +4 | 0-8 | +10 | 4-12 | check around PIPE? |
| 15 | +1 | | +1 | 0-3 | |
| 16 | 0 | | +2 | 0-4 | |
| 17 | 0 | | " | " | |
| 18 | 0 | | 0 | | ~ gypite |
| 19 | 0 | | 0 | | " |

LEFAX, PHILADELPHIA 7, PA., MADE IN U.S.A.

Bearing N75° (4)
 Start end line
 1 of R2W, see G R1W
 Base of hill. (cut fence gate)
 LOW High
 Line 3
 E-M
 Jan 24, 66
 REG. U.S. PAT. OFF.
 Padden
 Quad

| Sta | Acc | Width | Read | Width | |
|-----|---------|-------|--------|-------|-----------------------|
| 1 | 0 | | +1 | | ← 200' east fence N.5 |
| 2 | 0 | | 0 | | |
| 3 | 0 | | 0 | | |
| 4 | 0 | | 0 | | |
| 5 | 0 | | 0 | | |
| 6 | 0 | | 0 | | |
| | Turning | | 515° E | | |
| 7 | 0 | | +1 | | |
| 8 | +1 | | 0 | | |
| 9 | 0 | | +2 | 0-4 | |
| 10 | +1 | | +1 | | |
| 11 | +1 | | +1 | | |
| 12 | 0 | | 0 | | Basalt boulders. |
| 13 | 0 | | 0 | | |
| 14 | +5 | 3-7 | +5 | 3-7 | |
| 15 | 0 | | +1 | | - 100' S from 14 |
| 16 | 0 | | +1 | | |
| 17 | +3 | | +2 | | |
| 18 | 0 | | 0 | | |

? 1/4 cor sec 5 & 6

RIT

Heading S 35° E

(actually Fence Cor)

Low

High

Line 4

EM

Jun 20, 66

R.M.K. REG. U.S. PAT. OFF.

Sta
1
2
3
4
5
6
7
8
9
10
11
12
13
14

Read
0
0
+1
0
0
0
0
+1
0
0
0
0
0
0

width

Read
+1
+1
+1
+1
0
+2
+2
+2
0
+1
0
+1
+1
+1

width

0-4
0-4
0-4

76-41



HEINRICHS GEOEXPLORATION COMPANY

806 WEST GRANT ROAD, TUCSON, ARIZONA, 85709. P.O. BOX 5671. PHONE: (AREA CODE 602) 623-0578

January 25, 1966

Phoenix Ventures, Inc.
8607 E. Thornwood Drive
Scottsdale, Arizona 85257

Attn: Mr. Max Kofford

Re: Geophysical Survey, Chino Valley
Yavapai County, Arizona

Gentlemen:

At the request of Mr. Kofford of Phoenix Ventures, Inc., Scottsdale, Arizona, Heinrichs Geoexploration Company conducted magnetic and electromagnetic surveys in the Chino Valley Area, Yavapai County, Arizona, during the interim January 18 - 21, 1966.

Nine magnetic traverses were run using 0.1 mile stations, giving roughly 17.8 miles of coverage with a fluxgate type vertical intensity Jander Magnetometer.

Four electromagnetic traverses were run in a general north-south direction using a 400 foot separation between transmitter and receiver with 250 feet between stations, giving approximately 3.6 miles of coverage. This work was done with dual frequency inductive vertical coil reconnaissance electromagnetic equipment, (R.E.M., made by McPhar), employing the so-called "broad side" technique of survey application. With this method the transmitter and receiver are entirely separated, but move at the same time from station to station along each of their respective traverse lines which are parallel. (See diagram on Electromagnetic Location Map) As the transmitter and receiver traverse over a conductor, a dip angle "crossover" should be observed directly over it. The apparent conductivity of a conductor is indicated by the ratio between the 1000 cps and the 5000 cps dip angle. If the conductivity is very good, the dip angles will be identical, or nearly so, giving a ratio of one. With a poor conductor, the

5000 cps dip angle will be much greater than the 1000 cps, giving a ratio of less than one.

Generally, in so far as feasible, the two parallel lines are laid out perpendicular to the strike of the suspected targets or geology involved. The distance between lines (transmitter-receiver separation) is usually from 200 to 600', depending on the depth of penetration desired. The depth of penetration is proportional to this separation and as a rule of thumb is considered to be about one-half the separation. In order that maximum depth penetration might be obtained in this survey, a 400' separation was maintained between transmitter and receiver. While the data obtained represent an average of some volume of ground between, or in proximity to, the sender and receiver, by convention the data are plotted along the line of the receiver station traverse.

Numerous other reconnaissance magnetic and electromagnetic readings were made, but at the request of Mr. Childs, no locations were taken in order to expedite the survey.

On the location maps, stations plotted adjacent to fences were taken approximately 50' from the fence in order to avoid artificial effects.

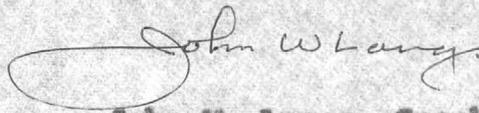
The survey was run in order to find an alleged aerial E.M. and/or magnetic anomaly which was assumed to have unusual geophysical size and magnitude. Any valid anomaly of this type will usually appear even stronger on the ground, providing it is located. No anomaly of this proportion was found.

The E.M. data showed only slight background variations. Several 500 to 1500 gamma magnetic anomalies were found but were probably due to basalt flows. Unless new evidence or reasons are identified, no further effort in this area is recommended.

Enclosed is one electromagnetic and one magnetic location map, in addition to one blue line of the U.S.G.S. Aeromagnetic Map of central Yavapai County. The latter was included at the request of Mr. Childs upon our advising him of its availability and that we could supply a copy.

Respectfully submitted,

HEINRICHS GEOEXPLORATION COMPANY



John W. Langs, Geophysicist

Harvey Durand, Geologist

APPROVED



cc: Mr. H. S. Childs
encls: Maps
pr

January 23, 1966

Phoenix Ventures, Inc.
8607 E. Thornwood Drive
Scottsdale, Arizona 85257

Attn: Mr. Max Kofford

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Yavapai County, Arizona

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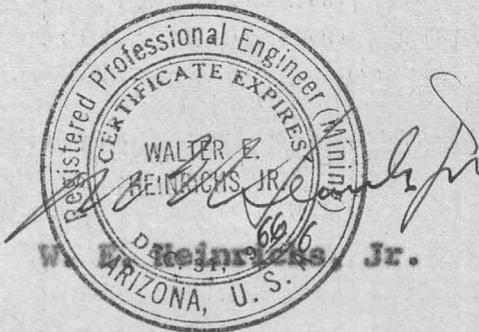
Respectfully submitted,

HEINRICHS GEOEXPLORATION COMPANY

John W. Langs, Geophysicist

Harvey Durand, Geologist

APPROVED



cc: Mr. H. S. Childs
encs: Maps
pr

Line 1
Jan 20, 66
TR. MK. REG. U.S. PAT. OFF.

| Sta | Low | | High | |
|-----|------|-------|------|-------|
| | Read | width | Read | width |
| 21 | 0 | | 0 | |
| 22 | 0 | | 0 | |
| 23 | 0 | | 0 | |

2

21
23
35
46
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120

Line 1
Jan 20, 66
TR. MK. REG. U.S. PAT. OFF.

T 16 N, R 2 W
 Sec 10, 12
 R 1 W
 6 & 7

starting corner

Bearing N 30° E

Interval between corners 400'

Station interval 250'

| sta | Low ♀ | | High ♀ | |
|-----|-------|-------|--------|-------|
| | Read | Width | Read | Width |
| 1 | 0 | | 0 | |
| 2 | +1 | | +1 | |
| 3 | +1 | | +1 | |
| 4 | +1 | | +1 | 0-3 |
| 5 | +1 | | 0 | |
| 6 | 0 | | 0 | |
| 7 | +1 | | +1 | |
| 8 | +2 | 0-3 | 0 | |
| 9 | +3 | 1-5 | +2 | |
| 10 | +1 | | +1 | |
| 11 | +1 | | 0 | |
| 12 | +1 | | -1 | |
| 13 | 0 | | +1 | |
| 14 | 0 | | 0 | |
| 15 | 0 | | 0 | |
| 16 | +1 | | +1 | |
| 17 | 0 | | 0 | |
| 18 | 0 | | 0 | |
| 19 | 0 | | 0 | |
| 20 | 0 | | 0 | |

42

| Sta | Sec 8 R 1 E (3) | | Line 2 | |
|-----|-----------------|------|--------|------|
| | low | high | low | high |
| 1 | 0 | 0-1 | +1 | |
| 2 | 0 | " | +2 | 0-4 |
| 3 | 0 | " | 0 | 0-1 |
| 4 | 0 | " | 0 | 0-1 |
| 5 | 0 | " | +2 | 0-4 |
| 6 | 0 | " | 0 | 0-1 |
| 7 | 0 | " | 0 | 0-1 |
| 8 | 0 | " | 0 | 0-1 |
| 9 | 0 | " | 0 | 0-1 |
| 10 | 0 | " | 0 | 0-1 |
| 11 | +1 | 0-5 | +1 | 0-5 |
| 12 | +3 | 2-4 | +1 | 0-5 |
| 13 | +1 | | +1 | |
| 14 | +4 | 0-8 | +10 | 4-12 |
| 15 | +1 | | +1 | 0-3 |
| 16 | 0 | | +2 | 0-4 |
| 17 | 0 | | " | " |
| 18 | 0 | | 0 | |
| 19 | 0 | | 0 | |

Line 2
Jan 20, 66
E-M
TR. MK. REG. U.S. PAT. OFF.

from windmill
25° N to windmill

From E-W
(300' from
line E-W sta 9

check around
PROP?

~ 8 ft
1

| Sta | Line 3 | | line | width |
|---------------|--------|------|------|----------------|
| | low | high | | |
| 1 | 0 | +1 | | |
| 2 | 0 | 0 | | |
| 3 | 0 | 0 | | |
| 4 | 0 | 0 | | |
| 5 | 0 | 0 | | |
| 6 | 0 | 0 | | |
| Turning S15°E | | | | |
| 7 | 0 | +1 | | |
| 8 | +1 | 0 | | |
| 9 | 0 | +2 | | 0-4 |
| 10 | +1 | +1 | | |
| 11 | +1 | +1 | | |
| 12 | 0 | 0 | | Basalt boulder |
| 13 | 0 | 0 | | |
| 14 | +5 | 3-7 | +5 | 3-7 |
| 15 | 0 | +1 | | 100' S Jan 14 |
| 16 | 0 | +1 | | |
| 17 | +3 | +2 | | |
| 18 | 0 | 0 | | |

Beams N75° (4)
Start end line see
1 of R2W, see G R1W
base of hill. (see map of
LOW HIGH)

Line 3
E-M
Jan 20, 66
Pat. U.S. PAT. OFF.
Pat. U.S. PAT. OFF.

20' line 11.5

? 1/4 cor sec 5+6
Handing S 35° E
R1E

June 4
EM
June 20, 66

(actually Fence Cor)
Low High

R.M. REED, U.S. PAT. OFF.

| Sta | Read | width | Read | width |
|-----|------|-------|------|-------|
| 1 | 0 | | +1 | |
| 2 | 0 | | +1 | |
| 3 | +1 | | +1 | |
| 4 | 0 | | +1 | |
| 5 | 0 | | 0 | |
| 6 | 0 | | +2 | 0-4 |
| 7 | 0 | | +2 | 0-4 |
| 8 | +1 | | +2 | 0-4 |
| 9 | 0 | | 0 | |
| 10 | 0 | | +1 | |
| 11 | 0 | | 0 | |
| 12 | 0 | | +1 | |
| 13 | 0 | | +1 | |
| 14 | 0 | | +1 | |

① mag Run L-1 heading N
Jan 18, 66

START 1/4 of SW cor sec 7, T16N
1/4 mile

| Sta | Scale | Road | Time | R.L.W |
|-----|-------|------|------|---------------------------|
| 1 | +1 | +104 | 1:17 | |
| 2 | Base | +106 | | |
| 3 | | 104 | | 1/4 in |
| 4 | | 105 | | E-W line 1/2 |
| 5 | | 105 | | fence in between stations |
| | | | | offset E 1/4 mile |
| 6 | | 103 | | |
| 7 | | 102 | | |
| 8 | | 90 | | |
| 9 | | 73 | | |
| 10 | | 65 | | |
| 11 | | 70 | | |
| 12 | | 85 | | |
| 13 | | 102 | | |
| 14 | | 108 | | |
| 15 | | 111 | | |
| 16 | | 111 | | |
| | | | | fence E-W |
| | | | | offset set W 1/4 mile |
| | | | | heading N |
| 17 | | 111 | 1:45 | |
| 18 | | 114 | | |
| 19 | | 95 | | |
| 20 | | 94 | | |

② mag Run L-2 heading W
Jan 18, 68

| Sta | Scale | Road | Time | Notes |
|-----|-------|------|------|-----------|
| 21 | +1 | 90 | 1:55 | heading W |
| 22 | | 98 | | Turn West |
| | | | | forming S |
| 23 | | 90 | | |
| 24 | | 86 | | |
| 25 | | 107 | | |
| 26 | | 114 | | |
| 27 | | 112 | | |
| 28 | | 98 | | |
| 29 | | 91 | | |
| 30 | | 88 | | |
| 31 | | 88 | | |
| | | | 2:15 | |
| | | | | fence E-W |

③ mag Line 3
 heading E 65
 Start 1/2 mile E of Sta 16. Jan 18, 66
 TR. MK. REG. U.S. PAT. OFF.

| Sta | Scale | Read | Time | heading |
|-----|-------|------|-----------|-------------------------|
| 32 | +1 | 105 | 2:20 | E |
| 33 | | 90 | } turning | |
| 34 | | 98 | | |
| 35 | | 95 | | |
| 36 | | 97 | | |
| 37 | | 82 | | |
| 38 | | 58 | | |
| 39 | | 48 | | |
| 40 | | 57 | | small knoll |
| 41 | | 70 | | |
| 42 | | 85 | | |
| 43 | | 98 | | |
| | | | | 0 SS set 4/10 E heading |
| | | | | Readings every 1/10 E |
| 44 | | 98 | 2:45 | |
| 45 | | 94 | | |
| 46 | | 97 | | |
| 47 | | 98 | | |

come to the south (running E-W)

ORIGINAL COPY 1910 BY I. C. PARKER

REAX PHILADELPHIA PA. MADE IN U.S.A.

④ mag Line 4
 heading W
 Jan 18, 66
 TR. MK. REG. U.S. PAT. OFF.

| Sta | Scale | Read | Time |
|-----|-------|------|------|
| 48 | +1 | 98 | 2:55 |
| 49 | | 92 | |
| 50 | | 94 | |
| 51 | | 95 | |
| 52 | | 84 | |
| 53 | | 78 | |
| 54 | | 75 | |
| 55 | | 88 | |
| 56 | | 89 | |
| 57 | | 94 | |

small knoll



ORIGINAL COPR. 1910 BY J. C. PARKER

⑤ mag

Line 5 heading E & S

TR. MK. REG. U.S. PAT. OFF.

| Sta | Scale | Read | Time | Heading | Notes |
|-----|-------|------|------|---------|------------|
| 58 | | 70 | 3:05 | E | Fence line |
| 59 | | 77 | | | |
| 60 | | 81 | | | |
| 61 | | 78 | | | |
| 62 | | 82 | | | |
| 63 | | 88 | | | |
| 64 | | 87 | | | |
| 65 | | 90 | | | |
| 66 | | 95 | | | |
| 67 | | 95 | | | |
| 68 | | 96 | | | |
| 69 | | 95 | | | |
| 70 | | 96 | | | |

heading S Fence line on E side

Base Check
105 4:20

ORIGINAL COPR. 1910 BY J. C. PARKER

⑥

Line 6 heading S

TR. MK. REG. U.S. PAT. OFF.

Jan 19, 66 mag

Sec 7 & 18 & 13

T 16 N R 1 E

1/10 interval mile

| Sta | Scale | Read | Time | Notes |
|--------|-------|------|------|--|
| 1 | +1 | 130 | 8:40 | (Base Sta) |
| 2 | | 125 | | |
| 3 | | 122 | | |
| 4 | | 138 | | |
| 5 | | 128 | | |
| 6 | | 128 | | |
| 7 | | 126 | | |
| 8 | | 128 | | |
| 9 | | 128 | | |
| 10 | | 129 | | |
| 11 | | 128 | | fence line E-W |
| Line 6 | | | | |
| | | 150 | | Heading S from section on 1st Read at corner |
| 13 | | 145 | 9:20 | (1/2 interval windmill) |
| 14 | | 149 | | |
| 15 | | 148 | | |
| 16 | | 156 | | |
| 17 | | 144 | | |
| 18 | | 144 | | |
| 19 | | 139 | | 100 ft of fence |
| 20 | | 115 | | |
| 21 | | 136 | | |
| 22 | | 135 | | |
| 23 | | 133 | | |

Line 910 off about from 18, 19, 24 see corner

off set 1/10 mile W

ORIGINAL COPR. 1910 BY J. C. PARKER

(9) mag

Line 9
Heading 5
Jan 19, 66

start sec 18 + 7

| Sta | Scale | Read | Time | |
|---------------------|-------|------|---------------|-------------|
| 1 | +1 | 74 | 1:25 | 2 at corner |
| 2 | | 93 | | |
| 3 | | 111 | | |
| 4 | | 134 | | |
| 5 | | 86 | | |
| 6 | | 100 | | |
| 7 | | 108 | | |
| 8 | | 111 | | |
| 9 | | 102 | | |
| 10 | | 102 | | |
| 11 | | 122 | | |
| 12 | | 121 | | |
| 13 | | 125 | | |
| 14 | | 121 | | |
| 15 | | 115 | | |
| 16 | | 113 | | |
| 17 | | 104 | | |
| 18 | | 105 | | |
| 19 | | 111 | | |
| 20 | | 110 | | |
| off set 5/10 mile E | | | | |
| 21 | | 98 | 1st 2/10 read | |
| 22 | | 78 | 2nd 2/10 read | |
| 23 | | 78 | 5/10 | |
| heading 5 (approx) | | | | |
| 24 | | 83 | E-W line | |
| 25 | | 75 | | |
| 26 | | 62 | | |
| 27 | | 65 | power line | |

N-S fence line

(10) mag

Line 9 cont
Heading 5

| Sta | Scale | Read | Time | |
|-----|-------|------|------|--|
| 28 | +1 | 82 | 2:40 | |
| 29 | | 78 | | |
| 30 | | 98 | | |
| 31 | | 108 | | |
| 32 | | 104 | | |
| 33 | | 90 | | |
| 34 | | 80 | | |
| 35 | | 85 | | |
| 36 | | 88 | | |
| 37 | | 68 | | |
| 38 | | 78 | | |
| 39 | | 98 | | |
| 40 | | 87 | | |
| 41 | | 92 | | |
| 42 | | 92 | | |
| 43 | | 106 | | |
| 44 | | 110 | | |

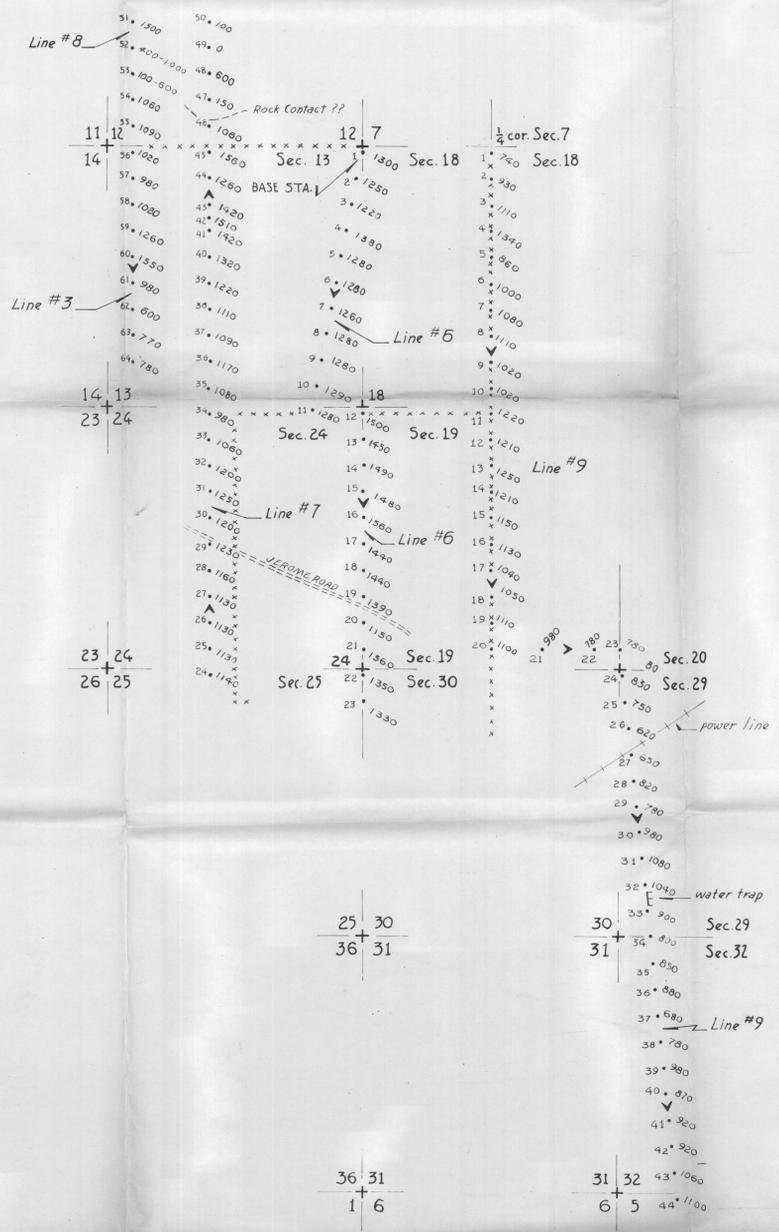
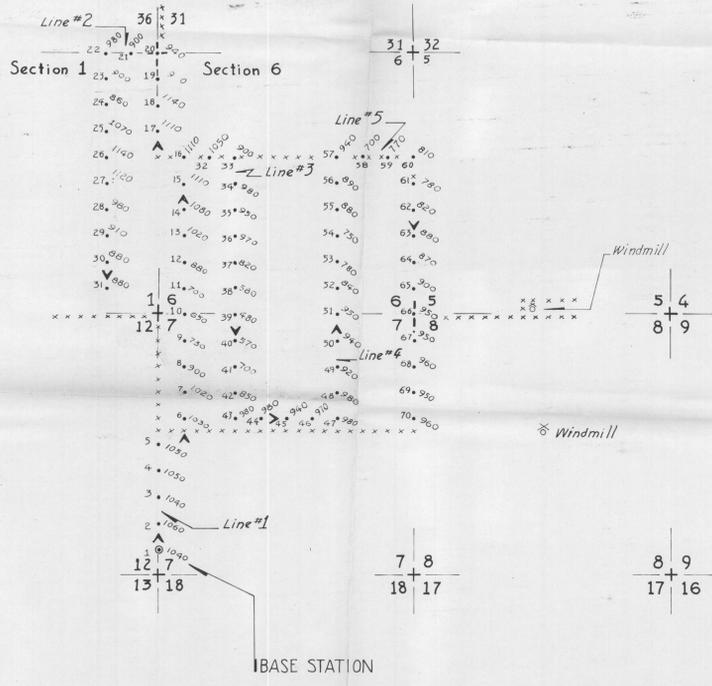
line can be seen
out of N-S line
at 2-5'

RANGE 2 W

RANGE 1 W

RANGE 1 W

RANGE 1 E



LEGEND

- STATIONS Magnetic Readings in GAMMAS
- 21 • 1400
 - 22 • 1600
 - 23 • 1500
- ▲ — Traverse Direction
- Magnetic Station Interval: 1/10 mile
- xxxxx Fence
 - ===== Road



T 16 N

T 16 N

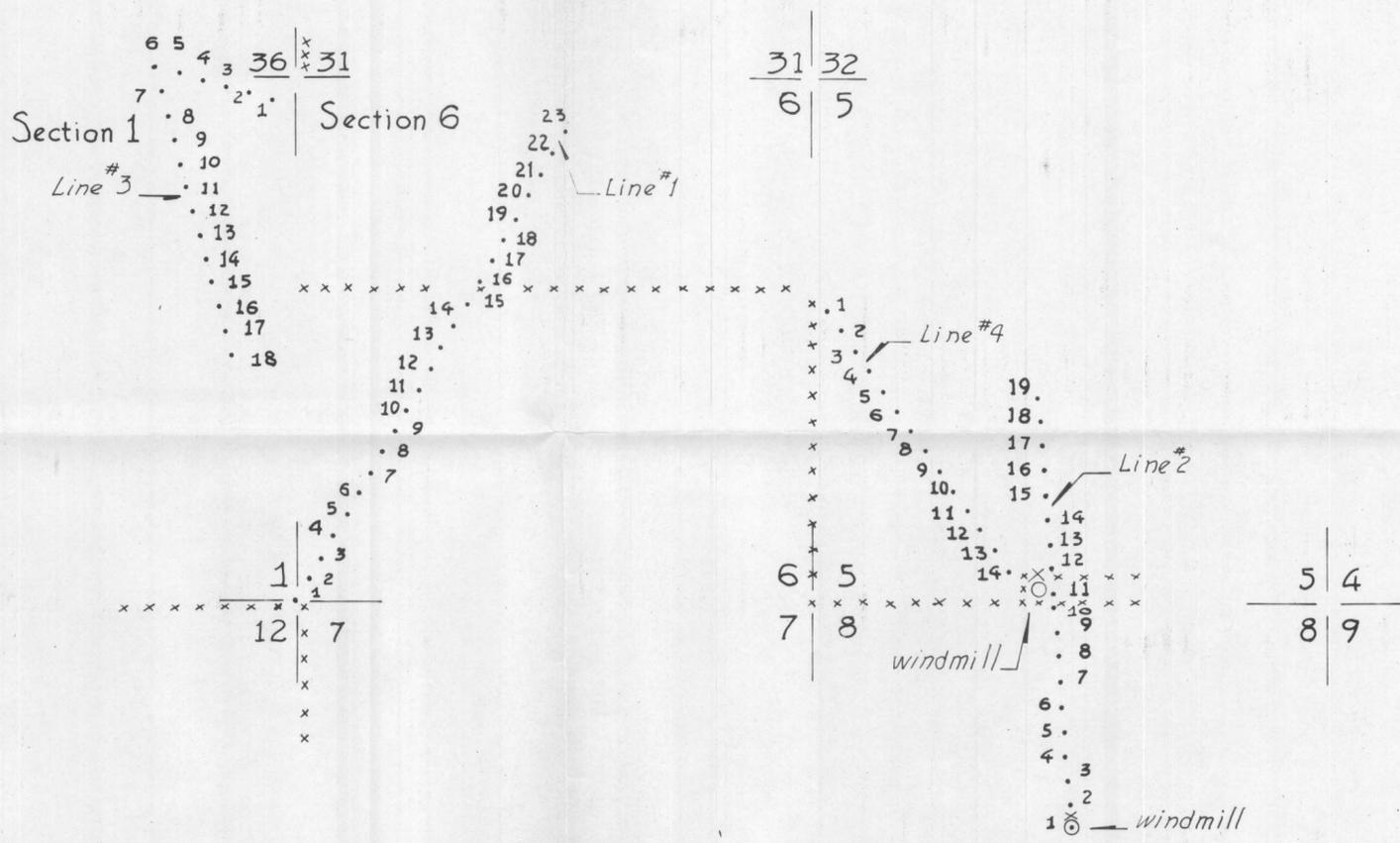
HEINRICHS GEOEXPLORATION COMPANY
P.O. Box 5671 Tucson, Arizona

MAGNETIC LOCATION MAP

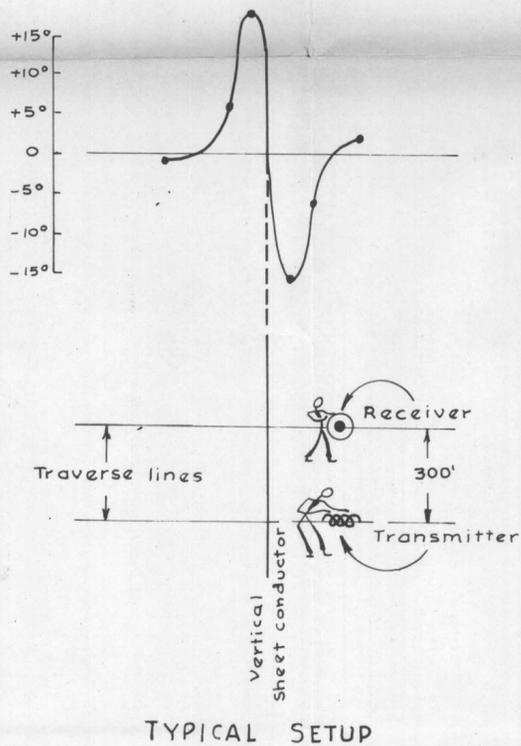
PHOENIX FOR VENTURES

CHINO VALLEY PROJECTS
YAVAPAI COUNTY, ARIZONA

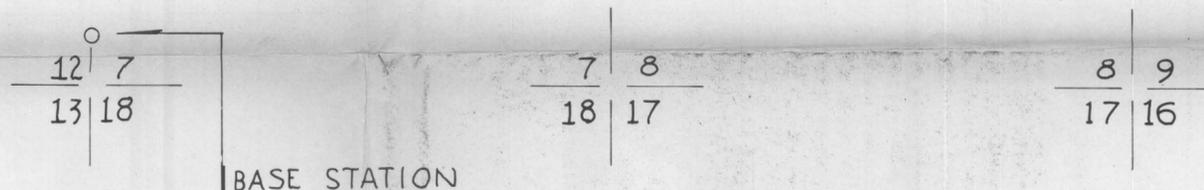
| | | |
|--------------------|------------------------|-----------|
| SCALE: 4" = 1 mile | CONTOUR INTERVAL: | REVISIONS |
| DATE: FEB. 1966 | DATA BY: H.D. & J.W.L. | |
| DRAWN BY: H.A.S. | SHEET OF | |
| | DRAWING NO.: | FILE: |



EXPLANATION:
TYPICAL DIP ANGLE CURVE
(ONE FREQUENCY)



TYPICAL SETUP



HEINRICHS GEOEXPLORATION CO.
POST OFFICE BOX 5671, TUCSON, ARIZONA, 85703
ELECTROMAGNETIC LOCATION MAP
CHINO VALLEY PROJECT
FOR
PHOENIX VENTURES
YAVAPAI COUNTY ARIZONA
Scale 4" = 1 Mile | Date Feb. 1966