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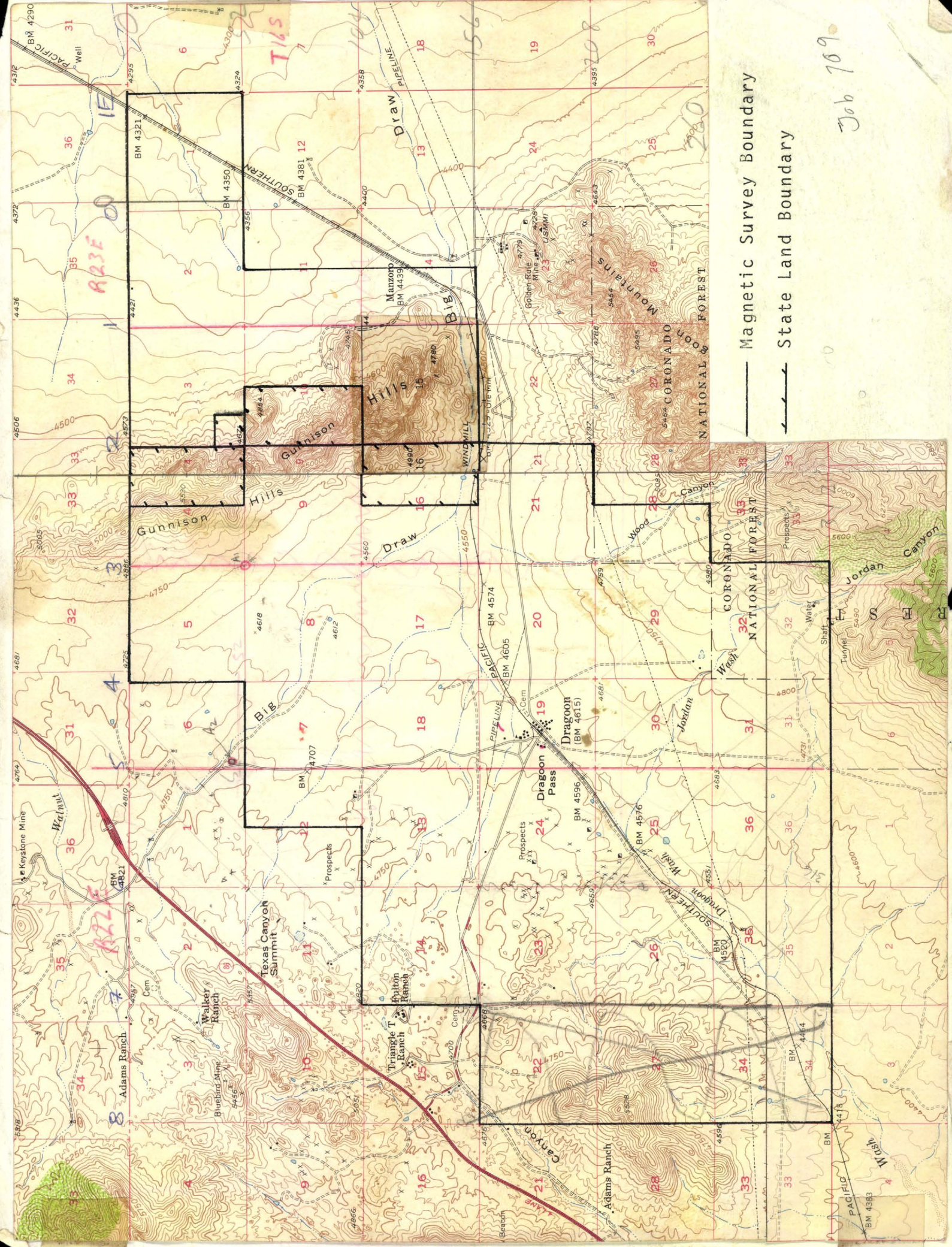
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— Magnetic Survey Boundary  
 - - - State Land Boundary

Job 709

	Time read	read	conv	C.R.	May 18 July E
(25-855)	1309	197	+17 214	0 214	
51	1348	181	198	198	
50		172	189	189	
49		182	199	199	
48		178	195	+1 196	
47		189	206	207	
46		191	208	209	
45		193	210	211	
44		178	195	196	
43		187	199	200	
42		183	200	201	
41		223	240	241	
40		192	209	210	
39	1355	172	189	190	
38		176	193	194	
37		184	201	202	
36		194	211	212	
35		187	204	205	
34		180	197	198	
33		184	201	202	
32		183	200	201	
31		195	212	213	
30		176	193	194	
29		193	210	211	
28		192	209	210	
27		190	207	208	
26	1402	195	212	213	

L92  
May 18  
July E

Repeat

Repeat  
May 19

23 Stock tank  
 out  $\frac{22,75-65}{2}$  fences

Sta	Time	rod	can	CR
92,0	1307	213		
88,0	1309	197		
88,51				
92,51	1348	181		
92,0	1423	213		
88,0	1426	196		
88,51	1455	198		

56

L92  
May 18  
strip E

Sta	time	read	corr	PR
25	1403	193	210 <sup>+17</sup>	211 <sup>-1</sup>
24	1404	187 <sup>17</sup>	204	205
23	1412	175	192	193
22		205	222	223
21		189	206	207
20		191	208	209
19		191	208	209
18		203	220	221
17		189	206	207
16		183	200	201
15		204	221	222
14		199	216	217
13		191	208	209
12		187	204	205
11		202	219	220
10		204	221	222
9		202	219	220
8		203	220	221
7		208	225	226
6		201	218	219
5		199	216	217
4		194	215	216
3		221	238	239
2		199	216	217
1		204	221	222
0	1423	213	230	231
	1426	196	213	214

(L3-885)

C 7th lines

2150 fence  
gate

2425 fence

T16S R23E



Sec 1 (~~1E~~ → ~~1O~~)

Lines 0S Through 56S

Sec 2 (~~1O~~ → ~~11~~)

Lines 0S Through 52S

Sec 3 (~~11~~ → ~~12~~)

Lines 4S Through 52S

Sec 4 (~~12~~ → ~~13~~)

Lines 4S → 52S

Sec 5 (~~13~~ → ~~14~~)

Lines 4S → 52S

Sec 11 (~~1O~~ → ~~11~~) 56S ~~14~~

Lines (~~1O~~ → ~~11~~)  
60S Through 104

## TICS R23E

sec 10 (L 1 → L 2)

Lines 565 Through 1045

sec 9 (L 2 → L 3)

Lines 565 → 1045

sec 8 (L 3 - L 4)

Lines 565 → 1045

sec 7 (L 4 - L 5)

Lines 565 → 1045

sec 14 (L 0.5 → L 1)

Lines 1085 → 1565

sec 15 (L 1 → L 2)

Lines 1085 → 1565

sec 16 (L 2 → L 3)

Lines 1085 → 1565

sec 17 (L 3 → L 4)

Lines 1085 → 1565

sec 18 L 4 → L 5

Lines 1085 → 1565

sec 21 (L 2 → L 3)

Lines 1605 → 2125



# T165 R23E

sec 20 (R 3 → R 4)  
Lines 1605 → 2125

sec 19 (R 4 → R 5)  
Lines 1605  
1885 → 2125

sec 28 (R 2.5 → R 3)  
Lines 2165 → 2645

sec 29 (R 3 → R 4)  
Lines 2165 → 2645

sec 30 (R 4 → R 5)  
Lines 2165 → 2645

sec 32 (R 3 → R 4)  
Lines 2685 → 3165

sec 31 (R 4 → R 5)  
Lines 2685 → 3165

T 16 S R 22 E

sec 12 (~~12~~ 5 → 12 5.5)  
 Lines 525 → 1045

sec 13 (12 5 → 12 6)  
 Lines 1045 → 1605

sec 14 (12 6 → 12 7)  
 Lines 1045 → 1605

sec 24 (12 5 → 12 6)  
 Lines 1645 → 2125

sec 23 (12 6 → 12 7)  
 Lines 1645 → 2125

sec 25 (12 5 → 12 6)  
 Lines 2165 → 2645

sec 26 (12 6 → 12 7)  
 Lines 2165 → 2645

sec 36 (12 5 → 12 6)  
 Lines 2685 → 3165

sec 35 (12 6 → 12 7)  
 Lines 2685 → 3165

Base Stas

Line # 3

May 3-75

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

(17)

true reading corr. corr. read.

A1	14100	50225	0	50225	50225
0	1432	50233	+11	244	
8	1428	227	+9	236	
16	1425	224	+8	232	
24	1421	226	+6	232	
32	1417	219	+4	223	
40	1414	219	+3	222	
48	1408	207	0	207	
56	1455	211			
64	1459	214			
72	1503	210			
80	1507	210			
88	1512	198			
96	1515	207			
104	1518	205			
112	1523	214			
120	1528	215			
128	1537	223			
136	1541	226			
144	1446	218			
152	1551	219			
160	1558	160			

A1 1492 50205 +225 50225

A1 1708 50215 +10 50225

Sub. 50,000 from all  
readings

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# TEST

Time	Read
0843	213
0846	212
0849	213
0852	212
0855	213
0858	212
0901	212
0903	200
0905	212
0908	

	1	2	3	4
P	192 (11)	192 (12)	196 (13)	201 (14)
W	203	204	208	210

	5	6	7	8
P	<del>196 (9)</del>	195 (12)		
W	<del>205</del>	207		
		191		
		203		

Voic  
mag. storm

Mon. May 15

1

Base Station 8 S on line 3

\$20

1330-50232 252

252

Starting line 4 S at line 3 west and going west to line 4 west

Sta time Dial

(45) 0	1335	227
1		235
2		231
3	1340	238
4		227
5		220
6		211
7		207
8		202
9	1345	209
10		208
11		204
12		205
13		206
14		203
15	1350	204
16		208
17		207
18		202

247

Void

(12)

19		202
20	1355	201
21		191
22		190
23		200
24	1400	186
25		188
26		192
27		207
28	1405	196
29		186
30		188
31		169
32	1410	178
33		174
34		182
35	1415	192
36		152
37		199
38		186
39		152
40		174
41	1420	183
42		197
43		176
44		167
45	1425	176
46		171
47		159

Voic

3

48		159
49	1430	159
50		145
51		149
52		138

(L4) 45	1435	145
(L4) 85	37	153 173

Starting on line 85 - line 4w  
going east to line 3w

(Base 85)	1452	<sup>47</sup> 153	4A
1		135	
2		136	
3		141	
4		155	
5		126	
6		176	
7	58	166	
8		163	
9		160	
10	1505	184	
11		174	
12		173	
13	05	180	
14		178	
15		168	
16		195	



# Void

(4)

17		200
18		199
19	10	193
20		193
21		218
22		208
23		200
24		207
25	15	221
26		217
27		217
28		226
29		225
30		228
31		231
32	20	234
33		229
34		246
35		235
36		243
37	25	242
38		248
39		241
40		246
41		244
42		249
43		246

Voic

12 | <sup>(29)</sup>47 <sup>(11)</sup>

5

002

44	1530	251
45		253
46		250
47		255
48		253
49		250
50		252
51		250
52		245
53		239

(35)

54      37      242  
                               +4  
                               286

3

0 1 2 3  
 $\frac{1}{6}$   $\frac{1}{3}$   $\frac{1}{2}$

7  
 $\sqrt{42}$   
 42

7 14 14 7

✓ 010

~~Go time read corr corr read~~

(2)

~~A2 0755 50247~~

~~4 0750 50254 -~~

~~<sup>60</sup> 0752 0757 245~~

~~20 0759 240~~

237

~~28 0803 244~~

~~36 0808 241~~

~~44 0811 252~~

~~52 0814 253~~

~~56 0817 259~~

~~60 0820 266~~

~~64 0824 276~~

~~68 0826 279~~

~~72 0828 291~~

~~76 0830 306~~

210

~~80 0833 317~~

~~84 0835 323~~

~~88 0837 329~~

~~92 0839 337~~

~~96 0841 339~~

337

~~100 0843 344~~

~~104 0845 340~~

~~108 0848 343~~

~~112 0850 340~~

~~116 0853 343~~

~~120 0855 338~~

~~124 0857 335~~

~~128 0859 335~~

~~132 0901 328~~

42 136 0903 323

140 0906 317

Star time read. corr ~~corr read~~

(3)

144 0908 313

148 0910 313

152 0914 318

156 0916 302

160 0919 147

15

A2 0942 50234

107 min

A1 1032 50217 x 8

A2 1242 50226 336

A1 1524 50212 413

120

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V 01P wednesday  
MAY 3 1971

①A

Base stations - Line 3 West

Sta	TIME	DIAL			
A1	(L 3	52)	1406	50225	
54					
89					
A1	1452	50233	205	+20	50225
0	1432	50233	211	+11	20' 50' fence 249
8	1428	50227	227	10	237
16	1425	50224	228	8	232
24	1421	50226	226	6	232
32	1417	50219	219	5	224
40	1414	50219	219	3	222
48	1408	50207	207	1	208
56	1455	50211	(+0) 225	0	50225
64	1459	50214			
72	1503	50210			
80	1507	50210			
88	1512	50198			
96	1515	50207			
104	1518	50205			
112	1523	50214			
120	1524	50215			
128	1537	50223			
136	1541	50226			
144	1546	50218			
152	1551	50219			
160	1558	50160			30' s. of R.R. tracks
A1	1452	50205			
B1	1708	50215			

V 01

Thurs  
MAY 4 1972

Bar Line 1 (2) A  
VOID

STA	TIME	DIAL
4	0750	50254
8	0755	50247
12	0757	50245
20	0759	50240
28	0803	50244
36	0808	50241
44	0811	50252
52	0814	50253
56	0817	50259
60	0820	50266
64	0824	50276
68	0826	50279
72	0828	50291
76	0830	50306
80	0833	50317
84	0835	50323
88	0837	50329
92	0839	50337
96	0841	50339
100	0843	50344
104	0845	50340
108	0848	50343
112	0850	50340
116	0853	50343
120	0855	50338
124	0857	50335
128	0859	50335
132	0901	50328
136	0903	50323

nr. power line

line 11 to fence  
20-30' W

fence ends  
65 S

fence cor. 78  
line 11 to fence  
20-30' W

VOID

3A

Time reading

140 0906 50317

144 0908 50313

148 0910 50313

152 0914 50318

156 0916 50302

160 0919 50147

(25' No fence  
125' No RR track)

A<sub>2</sub>

8 0942 50239

VOID  
A<sub>1</sub> 1032 50217  
A<sub>2</sub> 1242 50226  
A<sub>1</sub> 1524 50212

BASE LINE 3

" " 1

8/3/12

# Line 7 survey

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



T.P. on hill near property marker  
approx sta 152

10057 No. G.P.L.

173± fence corner Large pile rocks  
cylindrical with high slight amount  
on sec line

186±17 Fence cor and large pile of rocks  
6 feet w/ fence 3 w to pile on sec  
line

T.P. 186±40±

213±05 sec cor? Rock pile highlighted 3 w/ g  
line

T.P. 213±88

T.P. 220±67

T.P. 238±80

T.P. 252±06

T.P. 289±15

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212  
 52  
 264  
 1

Line 6

T.P. 236S  
 240  
 244

T.P. ±246 on South side B.R.  
 248  
 252  
 256  
 260

T.P. 267  
 265+80 ±75' east of section corner  
 (possible 2nd marker)  
 also 100' east of fence

T.P. 268  
 T.P. 272  
 276  
 280  
 284 100' ± east of fence  
 288

292  
 296  
 300  
 303  
 304  
 308  
 312

TP 316  
 318+29 fence  
 318+70 sec corner 90' to west of line  
 1/2 of strakes ??

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481.8'

89.39

line 2 lies 54' east of

sec cor. 15.483'

1 June

Closure

L6 - 1045 lies 140' north  
and 17 east of sec. cor.

13 June

Line 4 - 316 S lies  
149' north & 100' east  
of SE cor. 31

last two miles offset  
50' east to avoid  
wire fence.

14 June

Line 3 - 316 S lies  
~~50~~ 25' south and 50 feet  
east of SE. corner 32

15 June

Line 5 212 - 22 feet west  
of ? corner

316 200 feet north and  
50 west of corner

Line 6 212 - 50' east and  
100' north of <sup>SW</sup> corner 24

May 30, 72

Line 4 closure 16,000+00 S  
165.5' south and 10' west of  
probable location south  
west corner section 17; T. 16 S.,  
R. 23 E. cor. located by  
1" pipe with PE 1789 stamp.

---

15 E-W line ( $S 89^{\circ} 31' E$ )  
run west 3923' from section  
corner  $\frac{6}{7} | \frac{5}{8}$  to approx location  
of section corner  $\frac{1}{12} | \frac{6}{7}$ .

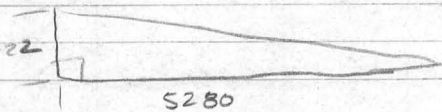
---

15 N-S line ( $S 0^{\circ} 10' W$ )  
passes 7' west of rebar  
(Sec. cor.  $\frac{13}{24} | \frac{18}{19}$  ?) . 15,840

lies 51' north of corner (?)

probably not  
section corner

JPM



$$\tan \theta = \frac{22}{5280}$$

$$\begin{array}{r} .00416 \\ 5280 \overline{) 22.000} \\ \underline{21120} \\ 8800 \\ \underline{5280} \\ 35200 \end{array}$$

0042

$$\frac{13}{29} = \frac{x}{10}$$

$$29x = 130$$

$0^{\circ} 14'$

.448

$$\begin{array}{r} 448 \\ 29 \overline{) 130} \\ \underline{116} \\ 140 \\ \underline{116} \\ 240 \\ \underline{232} \end{array}$$

L 68  
 May 15  
 cont E

(7)

Sta	time	read	corr	corr
0	1306	195		
1		184		
2		180		
3		175		
✓ 4		185		
5		184		
6		186		
7		185		
8		186		
✓ 9		184		
10		192		
11		187		
12		185		
13		191		
✓ 14		191		
15		194		
16	1318	196		
17		196		
18		190		
✓ 19		192		
20		198		
21		198		
22		202		
23		204		
✓ 24		206		
25		218		

*Handwritten scribbles and notes:*  
 May 15  
 stormy

data repeated

# 31 Start slope

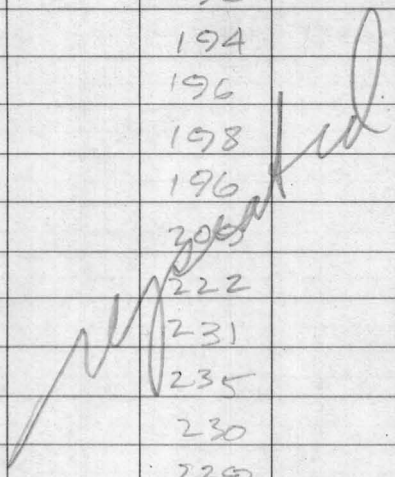
# 36 under phone line  
due to slope of hill  
close to wires

# 37  $\frac{1}{2}$  ridge top

L 68  
 May 15  
 Fort E

(42)

Sta	time	read	con	con read
26	1325	199		
27		196		
28		193		
-29		189		
30		192		
31		194		
32		196		
33		198		
-34		196		
35		205		
36		222		
37		231		
38		235		
-39		230		
40		229		
41		226		
42	1344	222		
43		216		
-44		203		
45		206		
46		204		
47	1350	198		
48		199		
-49		198		
50		199		
51		198		





#53 bottom slope 140' short

#71 near open graded area

LG8  
way 85  
scribble

line	read	con	con
52		200	
53	1355	204	
53		199	
53	1408	207	
54		213	
55		210	
56		207	
57		207	
58		206	
59	1412	203	
60		207	
61		211	
62		211	
63		209	
64	1415	208	
65		212	
66		230	
67		233	
68		225	
69		226	
70		219	
71		213	
72		213	
73	1428	215	
74		210	

fence between #90-91

L68  
May 15  
Spring E

Sta	time	read	corr	corrected
75		215		
76		213		
77		215		
78		211		
79		215		
80	1432	218		
81	1444	211		
82		229		
83		216		
84		215		
85		223		
86		225		
87		208		
88		222		
89		223		
90	1451	219		
91		217		
92		218		
93		218		
94	1455	220		
95		220		
96		218		
97		229		
98	1500	238		
99		247		
100		234		

100' for long -

L 68  
May 15  
Spring E

(14)

Sta time read corr

corr  
read

101 1503 242

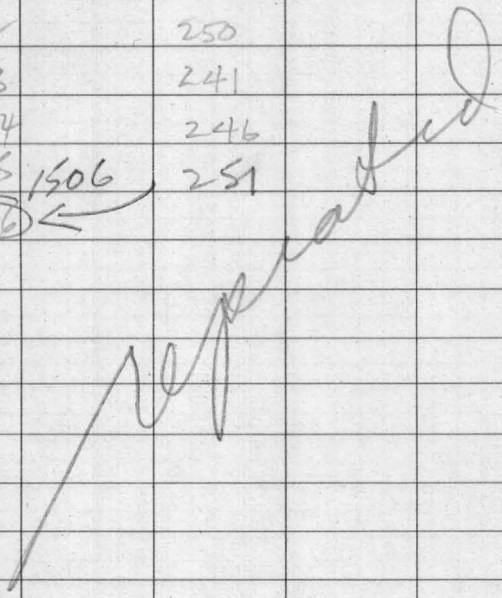
102 250

103 241

104 246

105 1506 251

(106) ←



June

U88  
May 18  
Sony W

73

Se	time	seed	con
0	1309	197	
1	1313	212	
2		208	
3		197	
4		201	
5		197	
6		197	
7		197	
8		208	
9		219	
10		206	
11	1318	197	
12		195	
13		206	
14		198	
15		204	
16		180	
17		194	
18		190	
19		218	
20	1323	192	
21		185	
22		193	
23		190	
24		156	
25	1327	176	

W  
repeated  
May 18



48 journal

288  
May 18  
going w

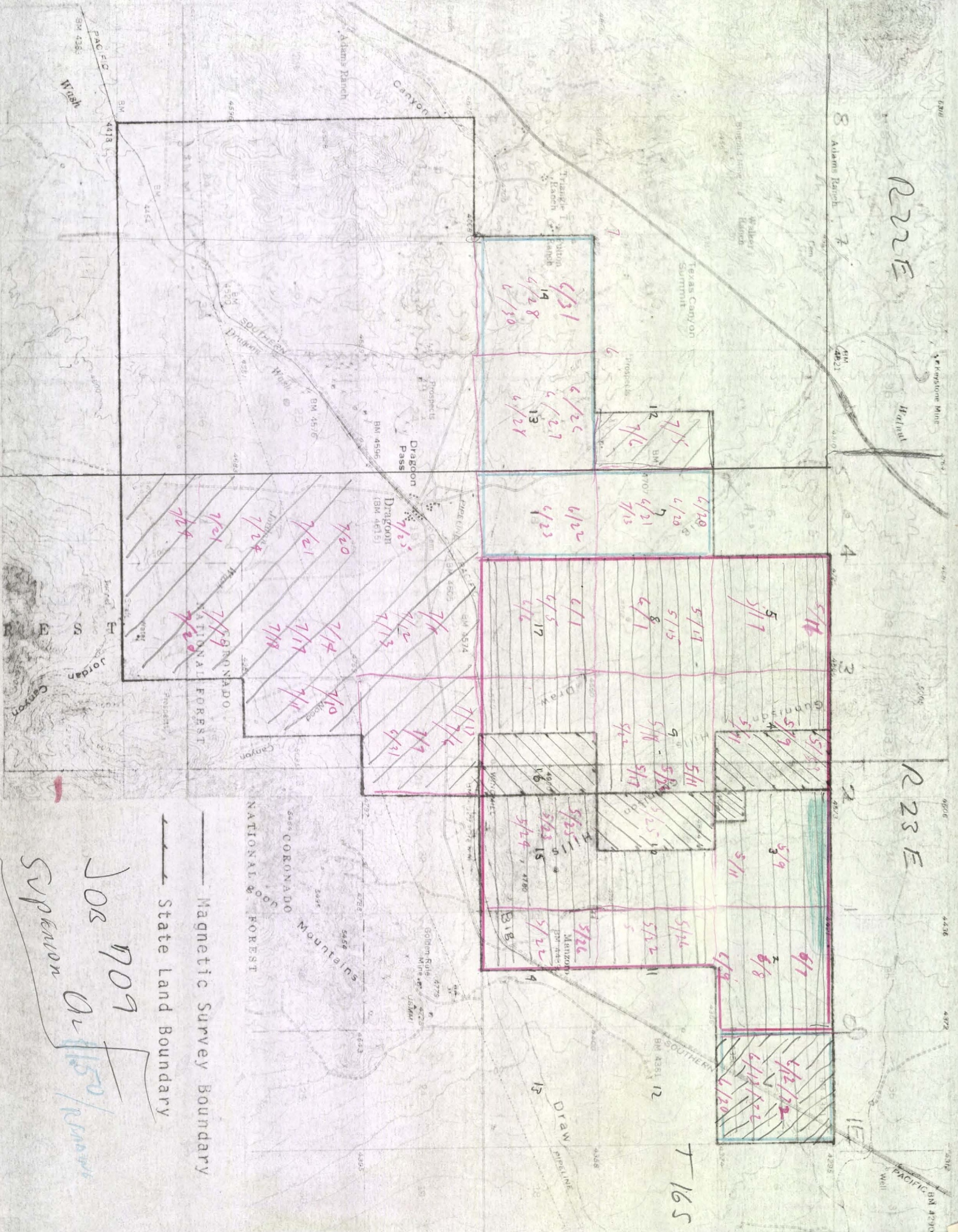
72	Time	read	con	CR,	
26	1327	197			
27		195			
28		188			
29		190			
30		187			
31		187			
32		181			
33		181			
34		180			
35		187			
36		167			
37		184			
38	1334	197			
39		196			
40		182			
41		179			
42		182			
43		185			
44		180			
45		179			
46	1340	174			
47		183			
48		176			
49		174			
50					
51					

2  
Rep  
May 18



R22E

R23E



——— Magnetic Survey Boundary  
 ——— State Land Boundary

JOB 709  
 Supervisor *AL* 1150/1500

7 165

PACIFIC

NOAA  
TUCSON, ARIZ  
AUG 4 1972  
T

H

Z

Z

D

D

16

U.T.

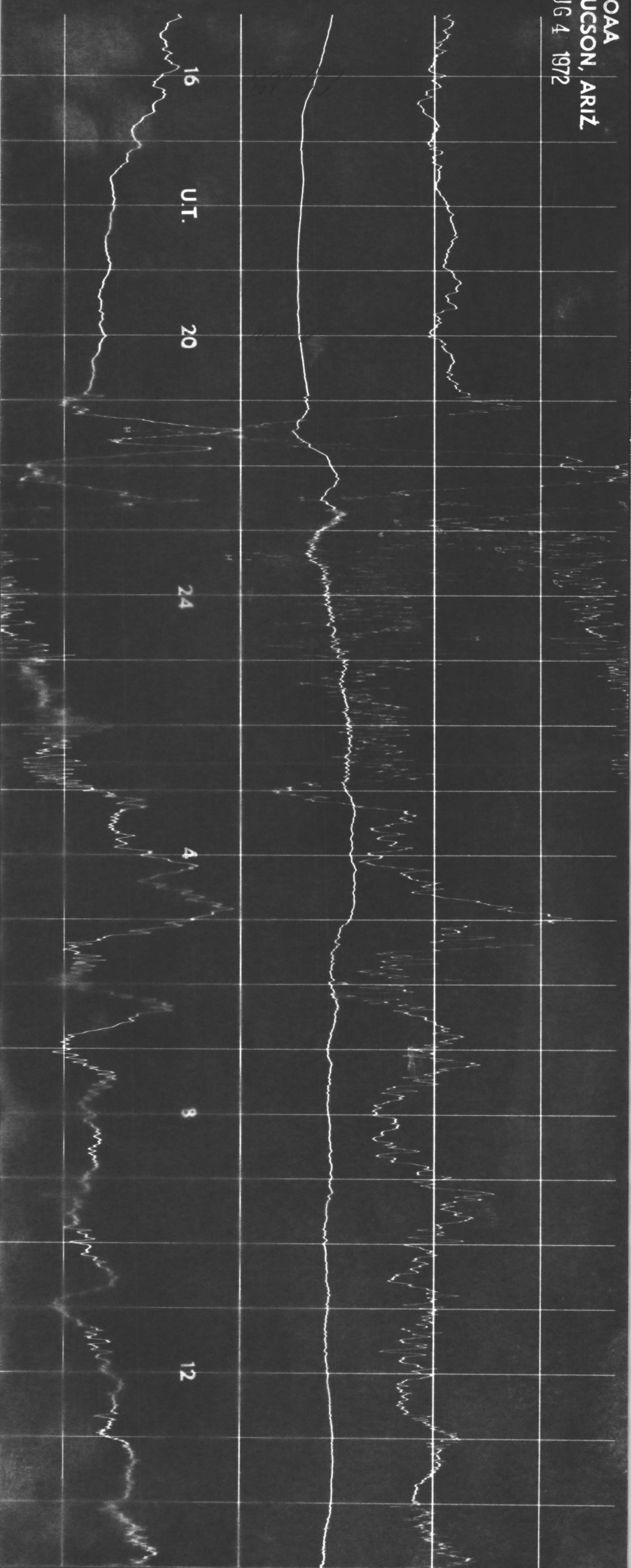
20

24

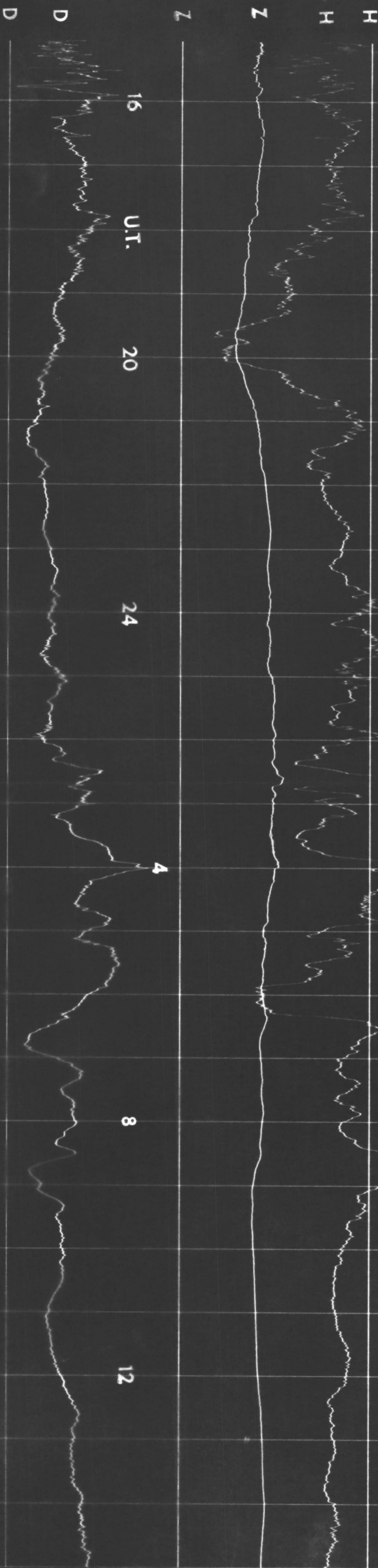
4

8

12



NOAA  
TUCSON, ARIZ.  
AUG 5 1972  
T



NOAA  
TUCSON, ARIZ

AUG 3 1972

T

(Subtract estimate from baseline value when trace is below baseline.)

Scale Value 2.87 gamma per millimeter

H  
Horizontal Intensity Baseline Value 25181

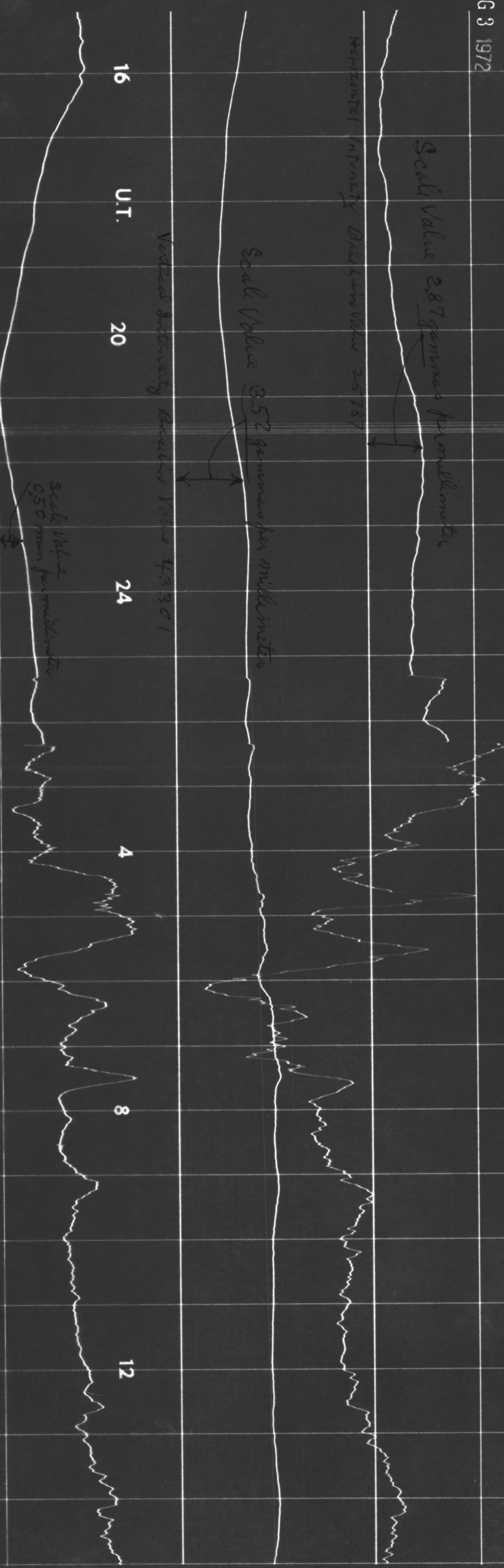
Z  
Scale Value 3.52 gamma per millimeter

Z  
Vertical Intensity Baseline Value 43301

16 20 24  
U.T.

Scale Value  
0.50 mm per millimeter

D  
Declination Baseline Value 12° 35' EGN



NOAA  
TUCSON, ARIZ.  
MAY 15 1972

H  
T

25.786 f

2.878 / 100 m

H

Z

3.528 / 100 m

43.826 f

Z

Mo. 8:00 AM Std.

16

UT

D

1/2 m / 100 m

20

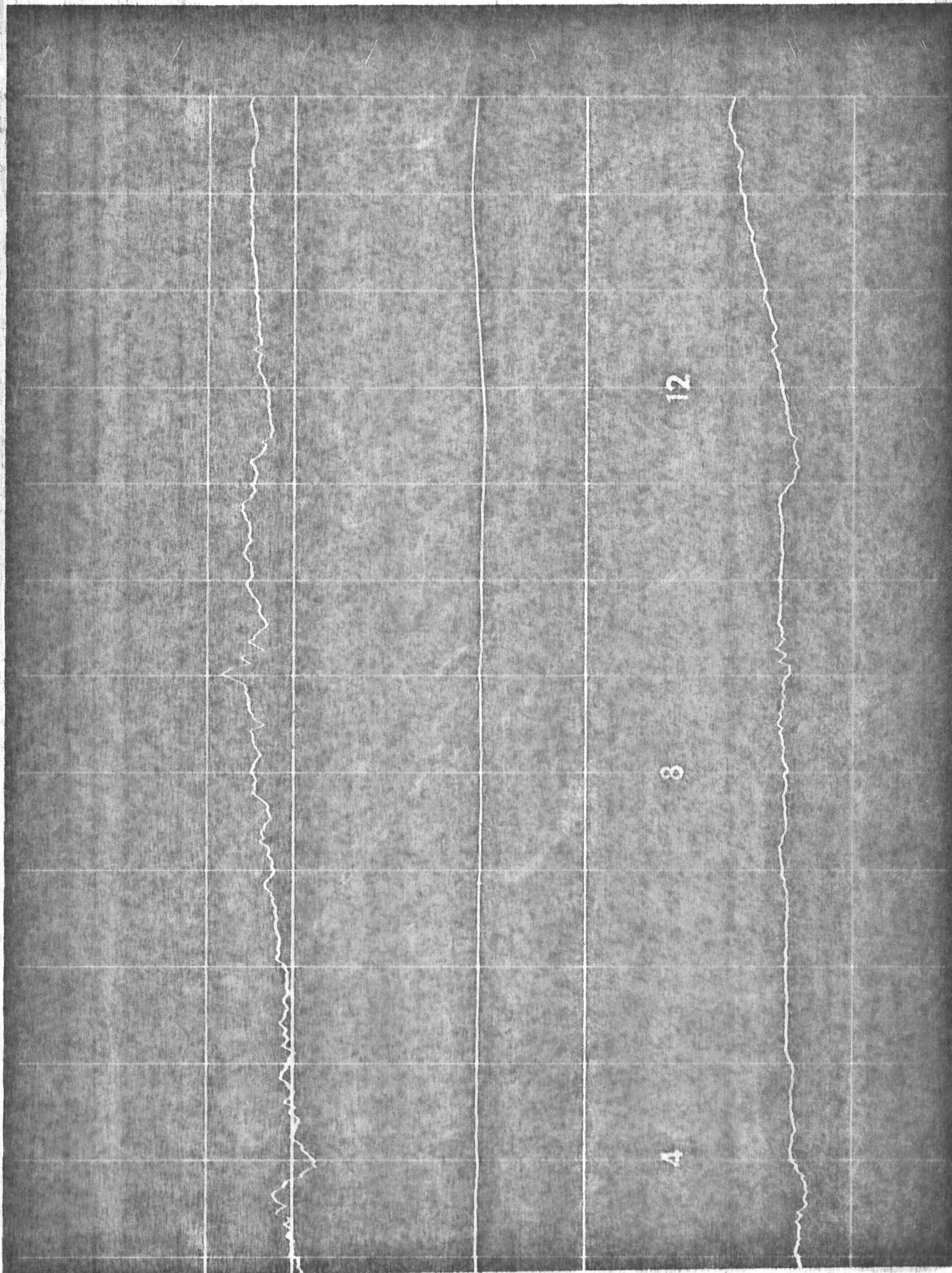
24

12.35' E of No. 16

D



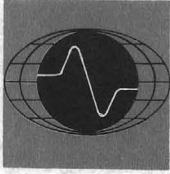




12

8

4



## HEINRICHS GEOEXPLORATION COMPANY

806 WEST GRANT ROAD, TUCSON, ARIZONA 85703. P. O. BOX 5964. PHONE: (602) 623-0578

May 7, 1972

The Superior Oil Company  
P. O. Box 12487  
Tucson, Arizona 85711

Attn: Mr. Joe Kantor

At the request of Mr. Joe Kantor of The Superior Oil Company, Heinrichs GEOEXploration Company has contracted to undertake a ground magnetic survey in the Johnson - Dragoon Area, Cochise County, Arizona. The area of coverage is contained within T.16S., R.22E. and R.23E., and is specifically outlined on the enclosed copy of portions of the U.S.G.S. topographic maps of Cochise, St. David, Pearce and Dragoon. Magnetic lines are spaced 400 feet apart and run east-west with a station interval of 100 feet. In order to assure adequate control for the survey and minimize any herringbone effects in the magnetic plan map, surveyed north-south base lines have been spaced throughout the survey area as needed. Base stations are being placed along the baselines at various intervals so that necessary drift and diurnal corrections can be made.

The survey is being carried out using a Geometrics 806 total field, portable proton magnetometer. As personnel are available GEOEX will try to maintain at least two crews in the field to speed up the project.

Sufficient magnetic data will be obtained within the four state leases contained in the survey area to satisfy the annual assessment work as follows.

E. 1/2 Sec. 4 T.16S., R.23E.  
W. 1/2 Sec. 10 T.16S., R.23E.  
E. 1/2 Sec. 16 T.16S., R.23E.  
SW. 1/4, SW 1/4 Sec. 3 T.16S., R.23E.

The price schedule will be based upon a two man crew charged at \$175.00 per work day plus expenses. Proportionate additional charges will be made if more field personnel are involved. Expenses include \$15.00 per day plus \$0.15 per mile per vehicle. Per diem is charged at \$18.00 per day per man for crew chiefs and \$15.00 per day per man for helpers. Other direct job related expenses will be billed at our invoice cost plus 15%.

Our normal work schedule is based on a five day week and an eight hour work day. Travel time up to one hour per day each way to and from the job

site will not be charged. Overtime in excess of this schedule will be charged at \$26.25 per hour for the two man crew plus expenses as above.

Standby time due to inclement weather or client request will be charged at half the daily rate plus expenses as above.

Final data compilation, computation and drafting will be charged at \$10.00 per hour. Final interpretation and report will be charged at \$150.00 per day.

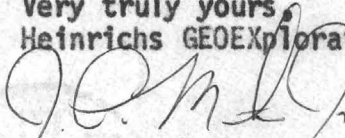
Based on the area outlined approximately 2 - 3 months may be necessary to complete the field work, depending on the number of personnel involved.

GEOEX will save Superior harmless from all Workmen's Compensation liability, public liability and property damage liability incurred by GEOEX employees. All property permits, brushing and trespass liability and related costs which are incurred on behalf of Superior will be chargeable to Superior at GEOEX cost plus 15%. All special insurance premiums, bonds, fees, duties, licenses, taxes, trespass permits and related special fees, if any, will be billed to Superior at GEOEX cost plus 15%.

Payments are due on presentation. Billings may be submitted weekly with final payment due on presentation of final report.

Your understanding and approval of the above may be indicated by signing as provided below on the attached copy of this letter and returning it to us.

Very truly yours,  
Heinrichs GEOEXploration Company



J. P. Matthews, Jr.  
Geophysicist

Date: \_\_\_\_\_

Accepted: \_\_\_\_\_

Title: \_\_\_\_\_

JPM:sb  
cc: GEOEX file



February 22, 1973

Mr. Jon Davidson  
Supervisor of Gravity and Magnetics  
Geophysical Department  
Superior Oil Company  
P.O. Box 1521  
Houston, Texas

Re: GEDEX Job #709  
Dragoon Magnetics Project

Dear Mr. Davidson:

Enclosed are the remainder of the field notes for the Dragoon Magnetics Project for the following sections in T16S, R22E: 12, 13, 14, 23, 24; and in T16S, R23E sections 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 14, 15, 16, 17, 18, 19, 20, 21, 28.

Thank you.

Sincerely yours,

Heinrichs GEOEXploration Co.

Paul A. Head  
Senior Geophysicist

PAH:oek

ENCLOSURE

February 7, 1973

Mr. Jon Davidson  
Supervisor of Gravity and Magnetics  
Geophysical Dept.  
Superior Oil Co.  
P.O. Box 1521  
Houston, Texas

Re: GEOEX Job #709  
Dragoon Magnetics Project

Dear Mr. Davidson:

Mr. Kantor of the Superior Oil Tucson office has requested that we send you the field notes for the Dragoon Magnetics Project with all possible speed especially for the south eight sections of the Dragoon Sheet; i.e. section 25, 26, 35, and 36 in T16S, R22E, and sections 29, 30, 31, and 32 in T16S, R23E.

Accordingly we are enclosing the original field notes for those sections plus all the original base station loops and summary list of base station values. You will probably have no trouble following the notes except as to the number of stations between base lines. No attempt to adjust for horizontal distance was made and consequently it will be noticed that the number of 100 foot increments may vary from profile to profile. When the increments did not come out evenly the overage was estimated when greater than 25 feet.

In plotting we scaled this overage according to the nominal map scale and prorated the appropriate number of readings between base lines using a variable scale.

Five gamma base loop closure within a 30 minute period was considered as adequate except over some of the more difficult terrain on the Gunnison Hills. Ten gamma closure error between base stations when running profiles was accepted.

Mr. Jon Davidson  
February 7, 1973  
Page Two

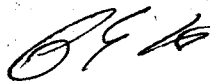
If you have any questions, please do not hesitate to telephone us.

No copies of these field notes have been made and in the event that additional detail work or extensions are needed these notes will be needed to properly tie the surveys together.

The remainder of the notes will be sent next week.

Sincerely,

Heinrichs GEOEXploration Co.



Paul A. Head  
Senior Geophysicist

PAH:ok

copy to Mr. Joseph Kantor

Enclosures

May 7, 1972

The Superior Oil Company  
P. O. Box 12487  
Tucson, Arizona 85711

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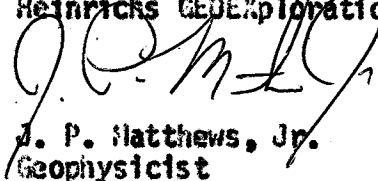
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Very truly yours,  
Heinrichs GEOEXploration Company



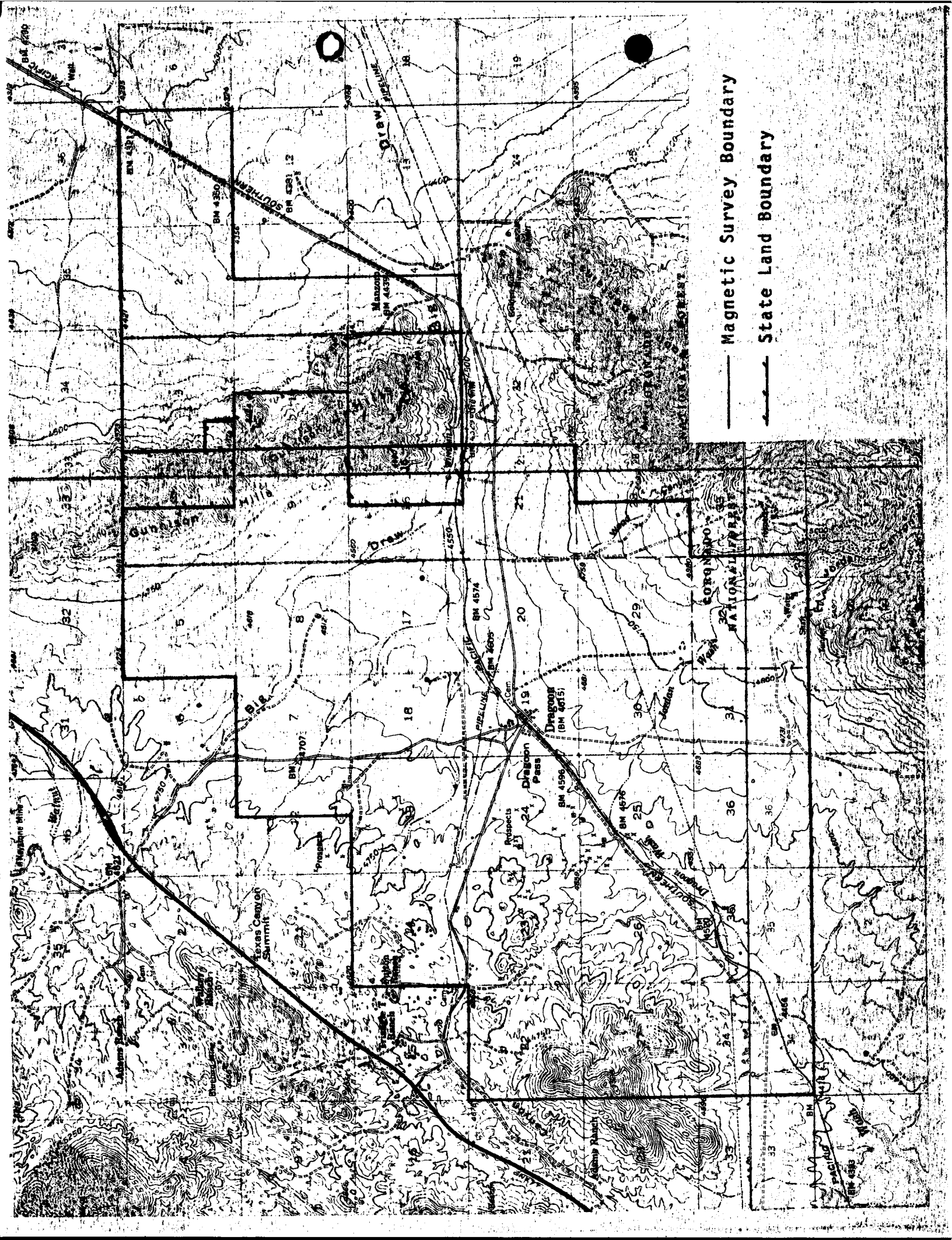
J. P. Matthews, Jr.  
Geophysicist

Date: \_\_\_\_\_

Accepted: \_\_\_\_\_

Title: \_\_\_\_\_

JPH:sb  
cc: GEOEX file



— Magnetic Survey Boundary  
- - - State Land Boundary

July 17, 1972

Mr. Joe Kantor  
The Superior Oil Company  
P. O. Box 12487  
Tucson, Arizona 85711

Re: GEOEX Job # 709, Magnetics Survey  
Cochise County, Arizona

Dear Mr. Kantor:

Please find below a listing of the areas by section which have been surveyed and the dates on which the work was performed.

T16S	R23E	
	Section 3	May 3 - 11, 1972
	Section 4	May 3 - 11, 1972
	Section 5	May 11 - 17, 1972
N 1/2	Section 8	May 15 - 17, 1972
	Section 9	May 11 - 26, 1972
	Section 10	May 11 - 26, 1972
E 1/2	Section 11	May 22 - 26, 1972
E 1/2	Section 14	May 22 - 26, 1972
	Section 15	May 22 - 26, 1972
	Section 16	May 22 - 26, 1972
S 1/2	Section 8	June 1 - 3, 1972
	Section 17	June 1 - 6, 1972
	Section 2	June 7 - 9, 1972
	Section 1	June 12 - 20, 1972
	Section 7	June 20 - 23, 1972
	Section 18	June 22 - 23, 1972
T16S	R22E	
	Section 13	June 26 - 28, 1972
	Section 14	June 28 - 30, 1972

This work was covered by the statements dated May 11, 1972 and July 6, 1972.

We will include such a listing with all subsequent Billings. We hope this is satisfactory for your purposes.

Very truly yours,  
Heinrichs GEOEXploration Company

Fred W. Heinrichs