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

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

ELECTRICAL GEOPHYSICAL SURVEY

Using The

Dual Frequency Induced Polarization, Resistivity and

Self Potential Methods

LOST BASIN AREA

MOHAVE COUNTY, ARIZONA

September - October 1968

For

Gunnex Limited

Toronto, Canada

By

Heinrichs Geoexploration Company
P. O. Box 5671 Tucson, Arizona 85703
Phone: 623-0578 Area Code: 602

TABLE OF CONTENTS

	PAGE
INDEX MAP	
INTRODUCTION	1
CONCLUSION AND RECOMMENDATIONS	3
INDUCED POLARIZATION LOCATION PLAN MAP	3a
INTERPRETATION	4
BASIS OF THE INDUCED POLARIZATION METHOD	~~4a~~ 5A
CONTENTS OF MAP POCKET:	
Six Sectional Data Sheets	

INTRODUCTION

At the request of Dr. John Walker and on behalf of Gunnex Ltd. of Toronto, Canada, Heinrichs Geoexploration Company conducted a preliminary reconnaissance induced polarization (I.P.) and resistivity survey in the vicinity of the King Tut Placer Mine, Mohave County, Arizona. The field work was started and completed during the interim of September 5 to September 19, 1968.

Geoex extra heavy duty equipment, Mark 3 sender, Mark 3 receiver, and 15 KW generator was used. The dual frequency induced polarization technique was employed as described in the appended "Basis of the Induced Polarization Method", obtaining data utilizing the conventional collinear dipole-dipole electrode configuration. Electric current at frequencies of 0.05 and 3.0 Hz was usually used to energize the standard five electrode sending spread. At times 0.1 Hz was used to improve data quality when high noise conditions were present. This data was later mathmatically reduced to 0.05 Hz so that all data is standardized at the same frequency for presentation.

One thousand foot dipoles were used for the survey, effectively exploring a layer or zone from about 200 to 1,200 feet deep below surface. A total of three 1,000 foot spreads, one 500 foot spread, and one 250 foot spread were obtained from four lines.

The data obtained and its interpretation is summarized on an adaptation of the Garnet Mountain Quadrangle. Detailed presentation of the data is shown on sectional data sheets, one for each spread with contoured apparent resistivity ($\rho a/2\pi$) percent frequency effect (PFE), and metallic conduction factor (MCF) plotted in accordance with the procedures discussed in the "Basis of the Induced Polarization Method". Also presented on the sectional data sheets is the self potential (SP) profile observed and recorded along with the I. P. work.

The Geoex personnel who worked on the project are: Mr. Donald Berglind, crew chief; Mr. Bill Rasmussen, sender operator; and Mr. Chris Dahlberg, field technician, with final interpretation and report under the direction of Mr. Paul Head, assisted by the Geoex, Tucson, Arizona staff.

CONCLUSIONS AND RECOMMENDATIONS

Only Line 2 detected any polarization effects that seem to relate to sulphide mineralization. This very weak anomaly is probably caused by small sulphide concentrations along a fault or fractures in the same drainage feature as the Golden Gate Mine. Additional geologic information here may indicate potential usefulness for additional geophysics. However, no additional I. P. work is recommended near Line 2 based solely on the data presently on hand.

An additional spread of 1,000 foot dipoles would be useful to determine if the questionable anomaly on Line 3 and 4 is definitely due to coupling effects. Proposed Line 6 is shown on the plan map is centered at 30.0 SE on Line 4 and is oriented approximately N 45 E. The data should be obtained using frequencies of 1.0 and 0.05 Hz for all stations on each side of center. In addition all four readings on the fourth station each side of center should be read using a frequency spectrum of 3.0, 1.0, 0.3, 0.1, and 0.05 Hz to more positively prove or disprove the presence of adverse coupling effects.

INTERPRETATION

Line 1, Spread 1, a = 1,000 feet

The generally higher resistivity schists are separated from the gravel to the east by an electrical interface at about 25.0 E. Very weak frequency effects were detected beginning at 30.0 E and continuing eastward off the survey. These I. P. effects are not considered anomalous because they could be accounted for by electromagnetic (E.M.) coupling effects introduced by the lower conductivity gravels.

Line 2, Spread 1, a = 1,000 feet

Line 2 has about the same resistivity features as Line 1 except for an apparent resistivity low at about 15.0 W. Associated with this is a slight S. P. low and some questionable frequency effects.

The east end of the line shows very slight frequency effects probably the result of E.M. coupling.

Line 2, Spread 2, a = 250 feet

This spread was centered at 10.0 W to check the anomaly on Line 2, Spread 1. A very weak anomaly is confirmed between 13.75 and 8.75 W. The S. P. anomaly was not confirmed.

Line 3, Spread 1, a = 1,000 feet

Quite a definite apparent resistivity interface at 5.0 SE separates low resistivity gravels on the east from the schists to west. The very weak questionable frequency effects are possibly explained by E.M. coupling. No significant S. P. anomalism was detected.

Line 4, Spread 1, a = 500 feet

Line 4, Station 30.0 SE is approximately equal to station 40.0 SE on Line 3 and is oriented as shown on the plan map. An increase in PFE values to the east is primarily due to electromagnetic coupling, however, there does seem to be very weak polarization effects not explained.

Line 5, Spread 1, a = 1,000 feet

All frequency effects detected on this line are easily explained by coupling effects over the low resistivity gravels in the basin.

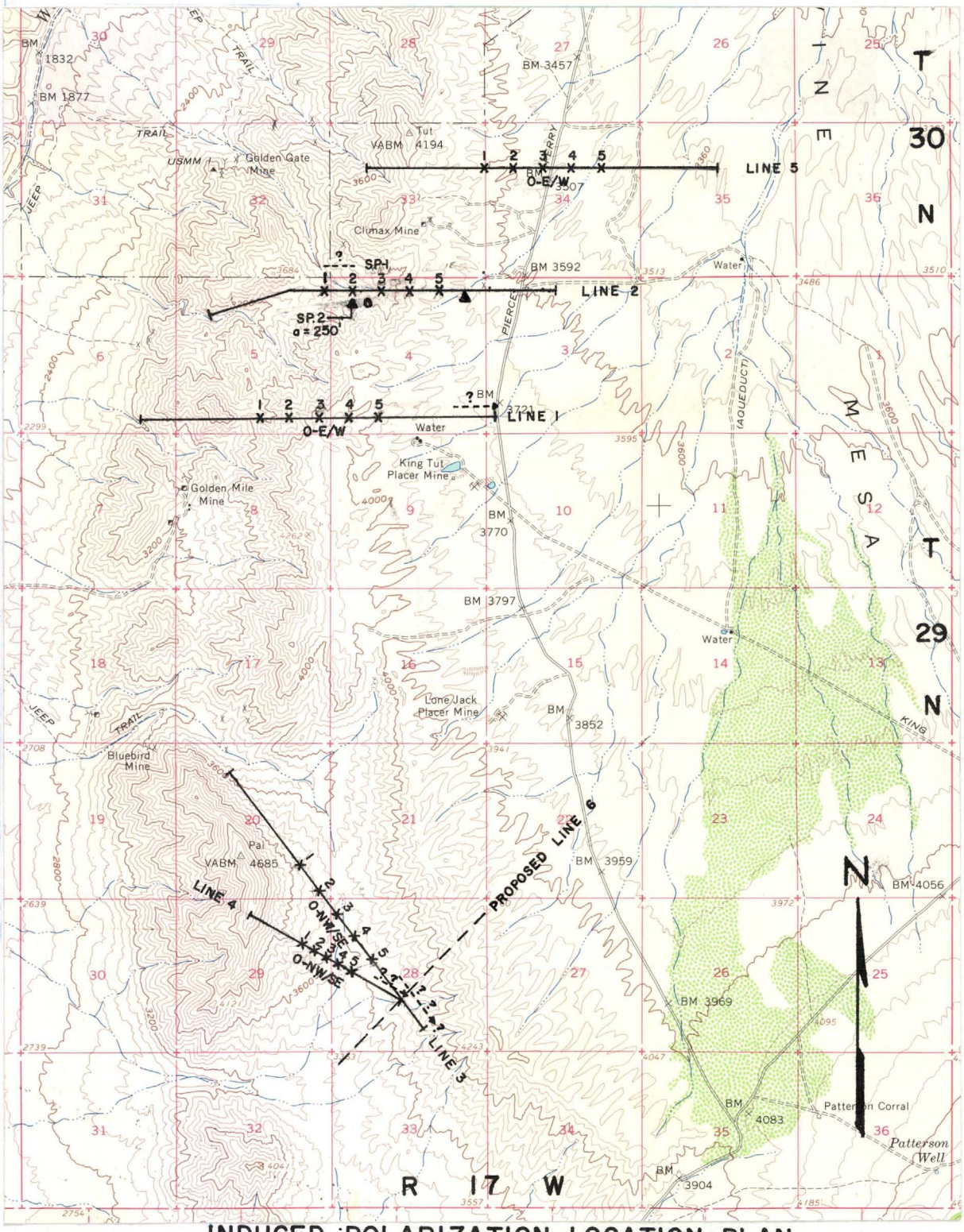
Respectfully submitted,

HEINRICHS GEOEXPLORATION COMPANY

Paul A. Head
Geophysicist

APPROVED:

Walter E. Heinrichs, Jr.
President & General Manager



INDUCED POLARIZATION LOCATION PLAN
LOST BASIN AREA, ARIZ.
for
GUNNEX LIMITED

HEINRICHS
GEOEXPLORATION COMPANY
POST OFFICE BOX 5671, TUCSON, ARIZONA, 85703
Phone: 602/623-0578 · Cable: GEOEX, Tucson
vancouver
sydney
geophysical engineers

SCALE 1:62500
SEPT. 1968

GUNNEX 3.0 Hz

HEINRICHS GEOEX B270-68 LINE KINGMAN 2 SPD 1 LOOKING NORTH 9-8-68 A= 1000 FEET

Interface

	60W	50	40	30	20	10	0W/E	10	20	30	40	50	60E	SURFACE
N					1	2	3	4	5					

RHO/2PI

1	X	X	X	X233	X84	X156→159 (158)	X237→235 (236)	X229	X137	X	X	X	X		
2	X	X	X	X278	X150	X127	X186→196 (191)	X286	X168	X95	X	X	X		
3	X	X	X231	X194	X198	X156	X234	X194	X125	X55	X	X	X		
4	X	X	X	X171	X230	X212	X	X179	X137	X140	X	X	X		
5	X	X	X	X192	X246	X	X	X136	X76 (152)	X	X	X	X		
6	X	X	X	X	X--	X	X	X	X232	X	X	X	X		

- - ? - -

	60W	50	40	30	20	10	0W/E	10	20	30	40	50	60E	SURFACE
N					1	2	3	4	5					

PFE

1	X	X	X	X2.7	X2.1	X-.6→1.1 (0.3)	X1.7→.7 (1.2)	X.4	X-.6	X	X	X	X		
2	X	X	X	X2.5	X2.9	X2.6	X.3→.8 (0.6)	X-.2	X1.0	X-2.2	X	X	X		
3	X	X	X3.4	X2.9	X1.7	X.3	X1.8	X1.3	X1.6	X2.7	X	X	X		
4	X	X	X	X3.4 (4.0)	X2.7 (3.2)	X1.0	X	X2.1	X1.9	X3.1	X	X	X		
5	X	X	X	X2.0 (2.4)	X2.3 (2.7)	X	X	X2.5	X3.4	X	X	X	X		
6	X	X	X	X	X--	X	X	X	X2.4	X	X	X	X		

0 68001

Moore Business Forms, Inc.

+95 +44 +51 +24 -6 +9 0 +22 +26 +35 +28 +73 +59

1 2 3 4 5

60W 50 40 30 20 10 0W/E 10 20 30 40 50 60E SURFACE

MCF

N															
1	X	X	X	X11	X25	X	X	X2	X-4	X	X	X	X		
2	X	X	X	X9	X20	X20	X	X-1	X6	X-24	X	X	X		
3	X	X	X15	X15	X8	X2	X8	X7	X13	X48	X	X	X		
4	X	X	X	X20	X12	X4	X	X12	X14	X22	X	X	X		
5	X	X	X	X10	X9	X	X	X18	X45	X	X	X	X		
6	X	X	X	X	X--	X	X	X	X10	X	X	X	X		

1 2 3 4 5

60W 50 40 30 20 10 0W/E 10 20 30 40 50 60E SURFACE

CCPFE

N															
1	X	X	X	X2.7	X2.0	X-.6 1.0	X1.7 .7	X.4	X-.6	X	X	X	X		
2	X	X	X	X2.4	X2.8	X2.4	X.2 .7	X-.3	X.9	X-2.5	X	X	X		
3	X	X	X3.2	X2.6	X1.4	X-.1	X1.6	X1.0	X1.1	X1.3	X	X	X		
4	X	X	X	X2.9	X2.3	X.5	X	X1.6	X1.1	X2.3	X	X	X		
5	X	X	X	X1.2	X1.7	X	X	X1.2	X.7	X	X	X	X		
6	X	X	X	X	X*7.8	X	X	X	X1.5	X	X	X	X		

Moore Business Forms Inc f

D 67398

	1	2	3	4	5	
60W	50	40	30	20	10	0W/E	10	20	30	40	50	60E	SURFACE

N														CCMCF
1	X	X	X	X11	X23	X-4↱ 7	X7↱ 3	X2	X-5	X	X	X	X	
2	X	X	X	X9	X19	X19	X1↱ 3	X-1	X5	X-27	X	X	X	
3	X	X	X14	X14	X7	X-1	X7	X5	X9	X23	X	X	X	
4	X	X	X	X17	X10	X2	X	X9	X8	X17	X	X	X	
5	X	X	X	X6	X7	X	X	X9	X9	X	X	X	X	
6	X	X	X	X	X1000	X	X	X	X6	X	X	X	X	

0 68003

Moore Business Forms, Inc. f

Gunnex 3.0 Hz

HEINRICHS GEOEX B270-68 LINE KINGMAN 5 SPD 1 LOOKING NORTH 9-19-68 A= 1000 FEET

1 2 3 4 5

↑---------↑---------↑---------↑---------X---------X---------X---------X---------X---------↑---------↑---------↑---------↑---------↑ SURFACE

60W 50 40 30 20 10 0W/E 10 20 30 40 50 60E

RHO/2PI

N															
1	X	X	X	X131	X120	X153→ 153	X148→ 147	X120	X92	X	X	X	X		
2	X	X	X	X84	X90	X88	X104→ 108	X107	X70	X52	X	X	X		
3	X	X	X	X160	X54	X73	X81	X84	X63	X44	X40	X	X	X	
4	X	X	X	X107	X44	X71	X	X52	X38	X33	X	X	X		
5	X	X	X	X96	X--	X	X	X31	X--	X	X	X	X		
6	X	X	X	X	X--	X	X	X	X--	X	X	X	X		

1 2 3 4 5

↑---------↑---------↑---------↑---------X---------X---------X---------X---------X---------↑---------↑---------↑---------↑---------↑ SURFACE

60W 50 40 30 20 10 0W/E 10 20 30 40 50 60E

PFE

N															
1	X	X	X	X.3	X.3	X1.8→ 1.4	X2.1→ 1.7	X1.9	X1.6	X	X	X	X		
2	X	X	X	X-.2	X.2	X.8	X2.1→ 1.7	X3.0	X1.9	X2.3	X	X	X		
3	X	X	X	X.8	X1.2	X.4	X3.4	X2.8	X3.2	X2.9	X3.3	X	X	X	
4	X	X	X	X-.2	X1.5	X	X	X5.1	X5.0	X8.1	X	X	X		
5	X	X	X	X7.4	X--	X	X	X4.8	X--	X	X	X	X		
6	X	X	X	X	X--	X	X	X	X--	X	X	X	X		

Moore Business Forms, Inc. f

	60W	50	40	30	20	10	0W/E	10	20	30	40	50	60E	
	↑	↑	↑	↑	1 X	2 X	3 X	4 X	5 X	↑	↑	↑	↑	SURFACE
N														MCF
1	X	X	X	X2	X2	X12→ 9	X14→ 8	X16	X17	X	X	X	X	
2	X	X	X	X-2	X2	X9	X21→ 16	X28	X28	X43	X	X	X	
3	X	X	X3	X22	X5	X42	X33	X50	X66	X83	X	X	X	
4	X	X	X	X-2	X34	X12	X	X98	X133	X248	X	X	X	
5	X	X	X	X77	X--	X	X	X153	X--	X	X	X	X	
6	X	X	X	X	X--	X	X	X	X--	X	X	X	X	

	60W	50	40	30	20	10	0W/E	10	20	30	40	50	60E	
	↑	↑	↑	↑	1 X	2 X	3 X	4 X	5 X	↑	↑	↑	↑	SURFACE
N														CCPFE
1	X	X	X	X.2	X.2	1.5 X1.7→ 1.3	1.6 X2.1→ 1.6	X1.9	X1.5	X	X	X	X	
2	X	X	X	X-.5	X-.1	X.5	1.7 X1.9→ 1.5	X2.7	X1.5	X1.6	X	X	X	
3	X	X	.3 X.2	0 X-.2	X-.6	X2.6	X2.0	X2.0	X1.0	X1.3	X	X	X	
4	X	X	X	-1.0 X-1.2	-1.5 X-1.9	-.7 X-.9	X	X2.3	X.9	X3.2	X	X	X	
5	X	X	X	6.8? X5.4	-- X-7.7	X	X	X-3.3?	-- X-9.0	X	X	X	X	
6	X	X	X	X	-- X-9.9	X	X	X	X-7.0	X	X	X	X	

Moore Business Forms Inc. f

-30 -32 -5 -27 -4 +1 0 +7 -1 -5 -6 -2 +8

1 2 3 4 5

60W 50 40 30 20 10 0W/E 10 20 30 40 50 60E SURFACE

N

CCMCF

1	X	X	X	X2	X2	X11	X14	X16	X17	X	X	X	X					
2	X	X	X	X-6	X-1	X6	X18	X25	X21	X31	X	X	X					
3	X	X	X	X1	X-4	X-8	X32	X23	X32	X23	X31	X	X	X				
4	X	X	X	X-12	X-41	X-13	X	X45	X24	X98	X	X	X					
5	X	X	X	X56	X1000	X	X	X-104	X1000	X	X	X	X					
6	X	X	X	X	X1000	X	X	X	X1000	X	X	X	X					

0800701

Moore Business Forms, Inc.

Gunnex 3 Hz

HEINRICHS GEOEX B270-68 LINE KINGMAN 4 SPD 1 LOOKING N30E 9-17-68 A= 500 FEET

	30NW	25	20	15	10	5	0NW/SE	5	10	15	20	25	30SE	SURFACE
					1	2	3	4	5					
N														RHO/2PI
1	X	X	X	X	X~~142~~ 45	X90	X75→ ~~75~~	X51→ ~~53~~ 52	X45	X58	X	X	X	X
2	X	X	X	X61	X87	X125	X~~40~~→ ~~44~~ 42	X35	X35	X75	X	X	X	
3	X	X	X111	X42	X101	X60	X31	X23	X49	X88	X	X	X	
4	X	X	X	X79	X47	X46	X	X19	X33	X60	X	X	X	
5	X	X	X	X89	X22	X	X	X26	X40	X	X	X	X	
6	X	X	X	X	X--	X	X	X	X32	X	X	X	X	

	30NW	25	20	15	10	5	0NW/SE	5	10	15	20	25	30SE	SURFACE
					1	2	3	4	5					
N														PFE
1	X	X	X	X1.0	X1.4	X~~.6~~→ ~~-.4~~ 0.1	X~~-.9~~→ ~~-1.6~~ -1.2	X-.5	X1.3	X	X	X	X	
2	X	X	X	X1.4	X.8	X1.1	X~~-.4~~→ ~~-.8~~ -0.6	X-1.1	X1.1	X1.2	X	X	X	
3	X	X	X1.2	X1.4	X1.1	X.5	X1.0	X1.9	X3.9	X3.4	X	X	X	
4	X	X	X	X2.0	X.6	X.5	X	X.4	X2.5	X-.0?	X	X	X	
5	X	X	X	X.5	X~~-3.1~~ -1.0	X	X	X2.9	X2.2	X	X	X	X	
6	X	X	X	X	X--	X	X	X	X2.8	X	X	X	X	

$\frac{10^9}{2\times10^8}$ $\frac{1\times10^5}{2}$ 5×10^4

Moore Business Forms Inc.

0600692

+36 +13 +5 +4 +2 +19 0 +23 +33 +38 +40 +36 +22

1 2 3 4 5

SURFACE

30NW 25 20 15 10 5 0NW/SE 5 10 15 20 25 30SE

MCF

N															
1	X	X	X	X7	X16	X8→6 (1)	X-15→-30 (-24)	X-12	X23	X	X	X	X		
2	X	X	X	X24	X9	X9	X-10→-18 (-14)	X-32	X32	X16	X	X	X		
3	X	X	X	X11	X33	X11	X8	X34	X83	X81	X39	X	X	X	
4	X	X	X	X25	X13	X11	X	X20	X75	X-0	X	X	X		
5	X	X	X	X6	X-143 (-46)	X	X	X115	X54	X	X	X	X		
6	X	X	X	X	X--	X	X	X	X86	X	X	X	X		

1 2 3 4 5

SURFACE

30NW 25 20 15 10 5 0NW/SE 5 10 15 20 25 30SE

CCPFE

N															
1	X	X	X	X1.0	X1.4	X.6→-.4	X-.9→-1.6	X-.6	X1.3	X	X	X	X		
2	X	X	X	X1.4	X.7	X1.1	X-.5→-.9	X-1.3	X.9	X1.2	X	X	X		
3	X	X	X	X1.1	X1.1	X1.0	X.3	X.6	X1.2	X3.7	X3.3	X	X	X	
4	X	X	X	X1.7	X.1	X.0	X	X-1.3	X1.7	X-.4	X	X	X		
5	X	X	X	X.2	X-5.4	X	X	X1.1	X1.1	X	X	X	X		
6	X	X	X	X	~~X#9.9~~	X	X	X	X.7	X	X	X	X		

Moore Business Forms, Inc.

0800995

	30NW	25	20	15	10	5	0NW/SE	5	10	15	20	25	30SE
	1					2	3	4	5				SURFACE
N													CCMCF
1	X	X	X	X7	X16	X8→ -6	X-19→ -30	X-12	X23	X	X	X	X
2	X	X	X	X22	X8	X9	X-13→ -20	X-37	X27	X15	X	X	X
3	X	X	X10	X26	X10	X5	X18	X53	X76	X38	X	X	X
4	X	X	X	X22	X2	X0	X	X-71	X51	X-6	X	X	X
5	X	X	X	X2	X-250	X	X	X42	X28	X	X	X	X
6	X	X	X	X	~~X1000~~	X	X	X	X23	X	X	X	X

6900694

Moore Business Forms, Inc. f

Gunnex 3.0 #2

HEINRICHS GEOEX B270-68 LINE KINGMAN 3 SPD 1 LOOKING N45E 9-10-68 A= 1000 FEET

Interface

	60NW	50	40	30	20	10	0NW/SE	10	20	30	40	50	60SE	
	↑	↑	↑	↑	1 X	2 X	3 X	4 X	5 X	↑	↑	↑	↑	SURFACE

RHO/2PI

N															
1	X	X	X	X97	X76	X55→ 45	X36→ 37	X50	X53	X	X	X	X		
2	X	X	X	X122	X68	X94	X27→ 28	X35	X47	X47	X	X	X		
3	X	X	X200	X90	X252	X44	X32	X36	X45	X46	X	X	X		
4	X	X	X	X152	X109	X36	X	X33	X34	X44	X	X	X		
5	X	X	X	X173	X45	X	X	X37	X--	X	X	X	X		
6	X	X	X	X	X71	X	X	X	X--	X	X	X	X		

68002

? ? ? ?

PFE

N															
1	X	X	X	X2.1	X.6	X.9→ 2.5	X-.5→ .5	X.3	X.5	X	X	X	X		
2	X	X	X	X2.6	X1.6	X2.1	X-.6→ .8	X.8	X-.3	X1.7	X	X	X		
3	X	X	X	X4.1	X2.0	X2.5	X2.4	X1.4	X3.1	X.7	X4.8	X	X	X	
4	X	X	X	X-1.6	X2.4	X1.3	X	X-6.9?	X4.1	X3.4	X	X	X		
5	X	X	X	X2.8	X2.1	X	X	X6.4?	X--	X	X	X	X		
6	X	X	X	X	X4.2	X	X	X	X--	X	X	X	X		

+22 +26 +28 +2 +6 +10 0 +24 +42 +56 +60 +55 +67

	60NW	50	40	30	20	10	0NW/SE	10	20	30	40	50	60SE
	↑	↑	↑	↑	1 X	2 X	3 X	4 X	5 X	↑	↑	↑	↑ SURFACE

MCF

N														
1	X	X	X	X22	X8	X17→55 (34)	X-14→14 (0.0)	X6	X10	X	X	X	X	
2	X	X	X	X21	X24	X23	X-28→28 (3)	X24	X-6	X37	X	X	X	
3	X	X	X21	X23	X10 (31)	X54	X43	X86	X15	X104	X	X	X	
4	X	X	X	X-11	X22	X35	X	X-209?	X123 (174)	X73 (95)	X	X	X	
5	X	X	X	X16	X46	X	X	X172?	X--	X	X	X	X	
6	X	X	X	X	X59	X	X	X	X--	X	X	X	X	

	60NW	50	40	30	20	10	0NW/SE	10	20	30	40	50	60SE
	↑	↑	↑	↑	1 X	2 X	3 X	4 X	5 X	↑	↑	↑	↑ SURFACE

CCPFE

N														
1	X	X	X	X2.1	X.5	X.8→2.3	X-.8→.2	X.1	X.3	X	X	X	X	
2	X	X	X	X2.4	X1.1	X1.8	X-2.2→-.7	X-.3	X-1.0	X1.0	X	X	X	
3	X	X	X	X3.9	X1.3	X2.3	X.5	X-1.4	X.7	X-1.2	X3.0	X	X	X
4	X	X	X	X-2.3	X1.4	X-3.0	X	X-11.7	X-.6	X.0	X	X	X	
5	X	X	X	X	X1.9	X-3.1	X	X	X-.2	X*7.3	X	X	X	X
6	X	X	X	X	X-.2	X	X	X	X*9.0	X	X	X	X	

Moore Business Forms, Inc. f

	60NW	50	40	30	20	10	0NW/SE	10	20	30	40	50	60SE	SURFACE
					1	2	3	4	5					
N														CCMCF
1	X	X	X	X21	X7	X14→50	X-23→6	X2	X6	X	X	X	X	
2	X	X	X	X19	X17	X19	X-80→-26	X-8	X-22	X21	X	X	X	
3	X	X	X19	X15	X9	X12	X-45	X20	X-26	X66	X	X	X	
4	X	X	X	X-15	X13	X-84	X	X-355	X-17	X0	X	X	X	
5	X	X	X	X11	X-69	X	X	X-4	X1000	X	X	X	X	
6	X	X	X	X	X-3	X	X	X	X1000	X	X	X	X	

Moore Business Forms, Inc.

68004

GUNNEX KINGMAN

KINGMAN

HEINRICHS GEOEX B270-68 LINE 1 SPD 1 LOOKING NORTH 9-6-68 A= 1000 FEET

977020

1 2 3 4 5 SURFACE

60W 50 40 30 20 10 0W/E 10 20 30 40 50 60E

1500 out gravel

N																RHO/2PI
1		X	X	X	X226	X235	X257 ~~258~~	X~~242~~ 238 ~~234~~	X220	X132	X	X	X	X		
2	X	X	X	X--	X245	X503	X~~284~~ 281 ~~278~~	X150	X159	X93	X	X	X			
3		X	X	X--	X--	X428	X411	X169	X122	X128	X74	X	X	X		
4	X	X	X	X--	X457	X377	X	X134	X95	X130	X	X	X			
5		X	X	X	X--	X366	X	X	X~~67~~ 108	X101	X	X	X	X		
6	X	X	X	X	X--	X	X	X	X--	X	X	X	X			

1 2 3 4 5 ---?---?--> SURFACE

60W 50 40 30 20 10 0W/E 10 20 30 40 50 60E

N																PFE
1		X	X	X	X2.1	X3.4	X~~3.1~~ 2.4 ~~1.6~~	X~~3.6~~ 2.1 ~~.6~~	X4.8	X2.4	X	X	X	X		
2	X	X	X	X--	X3.0	X3.2	X~~3.6~~ 2.5 ~~1.4~~	X2.8	X2.2	X~~2.3~~ 2.7	X	X	X			
3		X	X	X--	X--	X1.4	X1.8	X3.3	X3.3	X~~4.4~~ 5.2	X~~3.8~~ 4.5	X	X	X		
4	X	X	X	X--	X~~2.6~~ 3.1	X~~1.0~~ 1.2	X	X4.9	X~~4.2~~ 5.0	X~~3.2~~ 3.8	X	X	X			
5		X	X	X	X--	X~~2.9~~ 3.5	X	X	X~~35.2~~ 5.6 ?	X~~4.7~~ 5.6	X	X	X	X		
6	X	X	X	X	X--	X	X	X	X--	X	X	X	X			

? -10 -7 -6 -14 -2 0 +10 +26 +12 +18 +10 +22

1 2 3 4 5

SURFACE

60W 50 40 30 20 10 0W/E 10 20 30 40 50 60E

MCF

N															
1	X	X	X	X9	X14	X17 6	X18 3	X22	X18	X	X	X	X		
2	X	X	X	X--	X12	X6	X13 5	X19	X14	X25 29	X	X	X		
3	X	X	X--	X--	X3	X4	X19	X27	X34 41	X52 61	X	X	X		
4	X	X	X	X--	X6 7	X3	X	X37	X44 53	X25 27	X	X	X		
5	X	X	X	X--	X8 9	X	X	X523 52	X45 55	X	X	X	X		
6	X	X	X	X	X--	X	X	X	X--	X	X	X	X		

1 2 3 4 5

SURFACE

60W 50 40 30 20 10 0W/E 10 20 30 40 50 60E

CCPFE

N															
1	X	X	X	X2.1	X3.4	X3.1 1.6	X3.6 .6	X4.8	X2.4	X	X	X	X		
2	X	X	X	X*2.8	X2.9	X3.2	X3.6 1.4	X2.7	X2.1	X2.0	X	X	X		
3	X	X	X	X*2.6	X*2.7	X1.4	X1.7	X3.0	X2.8	X3.9	X2.9	X	X	X	
4	X	X	X	X*2.5	X2.5	X.8	X	X4.1	X3.0	X2.4	X	X	X		
5	X	X	X	X*2.3	X2.6	X	X	X	X2.8	X2.8	X	X	X	X	
6	X	X	X	X	X*2.1	X	X	X	X*2.7	X	X	X	X		

Moore Business Forms, Inc.

3776155

	60W	50	40	30	20	10	0W/E	10	20	30	40	50	60E	SURFACE
					1	2	3	4	5					

N															CCMCF
1		X	X	X	X9	X14	X12→6	X15→3	X22	X18	X	X	X	X	
2	X	X	X	X1000	X12	X6	X13→5	X18	X13	X22	X	X	X		
3		X	X	X1000	X1000	X3	X4	X18	X23	X31	X39	X	X	X	
4	X	X	X	X1000	X5	X2	X	X31	X31	X18	X	X	X		
5		X	X	X	X1000	X7	X	X	X 26 ~~571~~	X28	X	X	X	X	
6	X	X	X	X	X1000	X	X	X	X ~~1000~~	X	X	X	X		

Moore Business Forms, Inc.

97722

Gunnex 3.0 Hz

HEINRICHS GEOEX 8270-68 LINE KINGMAN 2 SPD 2 LOOKING NORTH 9-21-68 A= 250 FEET

1 2 3 4 5

25.0 22.5 20.0 17.5 15.0 12.5 10.0 7.5 5.0 2.5 0.0/W 2.5 5.0 SURFACE

RHO/2PI

N															
1	X	X	X	X88	X67	X~~44~~ 90 ~~47~~		X~~144~~ 146 ~~142~~	X162	X115	X	X	X	X	
2	X	X	X	X100	X73	X88	X~~101~~ 102 ~~104~~		X164	X109	X119	X	X	X	
3	X	X	X67	X93	X88	X121		X138	X115	X100	X133	X	X	X	
4	X	X	X	X62	X104	X122	X		X111	X109	X108	X	X	X	
5	X	X	X	X68	X144	X	X		X100	X110	X	X	X	X	
6	X	X	X	X	X93	X	X		X	X106	X	X	X	X	

1 2 3 4 5

25.0 22.5 20.0 17.5 15.0 12.5 10.0 7.5 5.0 2.5 0.0/W 2.5 5.0 SURFACE

PFE

N															
1	X	X	X	X1.2	X3.1	X~~2.4~~ 2.4 ~~3.3~~		X~~1.7~~ 2.0 2.3	X2.2	X1.9	X	X	X	X	
2	X	X	X	X1.2	X2.1	X2.2	X~~1.4~~ 2.4 ~~3.4~~		X1.3	X1.5	X-.7	X	X	X	
3	X	X	X1.3	X3.1	X2.1	X1.6		X.6	X1.1	X-.3	X-.7	X	X	X	
4	X	X	X	X3.1	X1.5	X.4	X		X1.7	X.1	X.3	X	X	X	
5	X	X	X	X1.2	X3.4	X	X		X	X-.3	X-.2	X	X	X	
6	X	X	X	X	X1.0	X	X		X	X.1	X	X	X	X	

Moore Business Forms, Inc.

+22 0 +17 +13 −12 −12 6 0 −2 +13 +22 +18 +5

1 2 3 4 5

SURFACE

25.0 22.5 20.0 17.5 15.0 12.5 10.0 7.5 5.0 2.5 0.0/W 2.5 5.0

MCF

N																
1	X	X	X	X14	X46	X29 (32, 34)	X12 (14, 16)	X13	X17	X	X	X	X			
2	X	X	X	X12	X28	X25	X14 (24, 33)	X8	X14	X-6	X	X	X			
3	X	X	X	X20	X34	X24	X13	X5	X10	X-3	X-5	X	X	X		
4	X	X	X	X50	X15	X3	X	X18	X1	X3	X	X	X			
5	X	X	X	X17	X24	X	X	X-3	X-2	X	X	X	X			
6	X	X	X	X	X11	X	X	X	X1	X	X	X	X			

0600961

Moore Business Forms, Inc.

JOB 270 - 68 LINE Kingman 5 SPREAD 1

LOOKING N DATE 9/19/68 A= 1000

CENTER 0.0 LABEL W / E FREQ. 3.0

COUPLING Yes

9.26.68
CS

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 5 HALF W SP. 1 DATE 9/19/69

PAGE 1

SEND	4 5	3 4	4 5	2 3	3 4	4 5	1 2	2 3	3 4	4 5
RECEIVE	0-10 W	10-20 W		20-30 W			30-40 W			.1 HZ
RANGE	300	100	30	100	10	3	300	30	10	3
DC 1	950 955	497 494	175 176	386 390	709 725	261 266	171 169	149 144	480 463	239 234
DC 2	950 955	497 494	175 174	380 390	718 701	258 278	171 169	148 145	475 479	248 222
DC 3			176 174		704 728	262 262		148 145	480 / 485	226 207
DC 4					708 719	273 252			452 500	219 202
DC 5					704 726	274 256			480 / 440	241 239
DC 6					701 733	261 265			482 437	256 231
DC 7					704 718	259 275			499 460	213 214
DC 8					717 719	245 276			499 457	242 262
DC AVG.										
AC 1	92.5	48.0	16.9	38.0	6.95	2.50	166.5	14.3	4.63	2.26
AC 2	92.5	48.0	16.9	38.0	6.95	2.50	166.5	14.4	4.62	2.25
AC AVG.										
S.P.	+1	-5		-20			+19			
AC NOISE	.05	.06		.07			.10			
POT RES.	4K	3.5K		6.5K			20K			

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 5 HALF W SP. 1 DATE 9/19/65

SEND	1 2	2 3	3 4	4 5	1 2	2 3	3 4	4 5		CAL
RECEIVE	40-50W	.1HZ	.1HZ		50-60W	.1HZ	.1HZ	.1HZ		2 3
RANGE	30	10	3	1	30 .1HZ	10	3	3		300
DC 1	270 275	346 338	145 154		199 214	346 338	161 173/			995 950
DC 2	270 275	359 361	138 147		205 205	339 338	175 176			995 950
DC 3		347 356	143 142		205 213	348/365	191 158			
DC 4		350 354	142 146		203 213	353 351	194 186			
DC 5		342 363	137 162/		205 213	339 364/				
DC 6		350 344	150 131		199 212	343 336				
DC 7		343 356	151 138/		205 207	379/				
DC 8		341 358	149 130		205					
DC AVG.										
AC 1	26.8	3.39	1.39	.71	20.25	3.41	1.62	.96		955
AC 2	26.8	3.41	1.39	.72	2025	3.41	1.63			95.5
AC AVG.										
S.P.	-27				+2					
AC NOISE	.10				.10					
POT RES.	30K				29K					

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT KINGMAN SEP 19

LINE 5 HALF W SP. 1 DATE 68

SEND	4-5	3-4	4-5	2-3	3-4	4-5	1-2	2-3	3-4	4-5
RECEIVE										*
RANGE										
VOLTAGE	102x4	68x4	102x4	54x4	67x4	54x4	126x4	105x4	139x4	102x4
CURRENT	2.0	1.0	2.0	1.0	1.0	1.0	4.0	2.0	2.0	2.0
SEND	1-2	2-3	3-4	4-5	1-2	2-3	3-4	4-5		CAL
RECEIVE	*	*	*		*	*	*	*		
RANGE										2-3
VOLTAGE	123x4	104x4	130x4	100x4	123x4	103x4	128x4	101x4		64x4
CURRENT	4.0	2.0	2.0	2.0	4.0	2.0	2.0	2.0		1.0

FREQUENCIES .05 3.0

SENDER NO. 1

OPERATOR DAVE S.

RECEIVER NO. 16CCIR

OPERATOR DON B

COMMENTS: * .1 HZ

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 5 HALF E SP. L DATE 9/19/88

SEND	1 2	2 3	1 2	3 4	2 3	1 2	4 5	3 4	2 3	1 2
RECEIVE	0-10E	10-20E		20-30E			30-40E			
RANGE	300	300	100	100	30	30	100	30	10	10
DC 1	202 200	970 975	340 338	38.9 39.8	171 179	110 111	602 600	114 115	422 402	343 359
DC 2	202 200	970 975	341 337	38.7 39.8	173 178	109 111	604 599	115 114	437 385	339 356
DC 3			343 335	38.7 39.9	172 177	109 112	604 599	115 114	400 407	325 359
DC 4					174 176	108 113			400 419	322 362
DC 5						108 114			398 414	324 333
DC 6									409 438	323 339
DC 7									409 399	337 328
DC 8									423 422	351 328
DC AVG.										
AC 1	195.0	94.0	32.8	38.1	16.8	10.6	58.5	11.1	3.96	3.20
AC 2	195.0	94.0	32.8	38.0	16.8	10.6	58.4	11.1	3.94	3.19
AC AVG.										
S.P.	+7	-8		-4			-1			
AC NOISE	.06	.10		.07			.08			
POT RES.	10K	13K		9K			6K			

PAVED ROAD 3300'E

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 5 HALF E SP. 1 DATE 9/18/85

SEND	4 5	3 4	2 3	1 2	4 5	3 4	2 3	1 2		CAL
RECEIVE	40-50E				50-60E					3 4
RANGE	10	3	3	3	3	3	1	1		300
DC 1	864 859	286 290	118 129	132 110	256 282	101 110				973 990
DC 2	852 865	284 294	116 131	118 115	247 290	107 109				975 990
DC 3	851 866	275 305	108 138	123 116	271 266	104 113				
DC 4	839 839	292 281	126 119	121 109	254 259	116 98				
DC 5	863 841	287 274	121 134	126 111	273 253	107 104				
DC 6	866 848	298 261	118 132	128 102	275 251	101 116				
DC 7	861 851	307 286	125 127		268 272	105 96				
DC 8	880 843	297 291	122 119		267 281	115				
DC AVG.										
AC 1	8.29	2.75	1.16	1.11	2.52	.980	.510	.520		x 97.0
AC 2	8.26	2.75	1.16	1.11	2.52	.975	.510			97.0
AC AVG.										
S.P.	+4				+10					
AC NOISE	.07				.09					
POT RES.	5K				6K					

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT KING MAN

LINE 5 HALF E SP. 1 DATE SEP 18/68

SEND	1-2	2-3	1-2	3-4	2-3	1-2	4-5	3-4	2-3	1-2
RECEIVE										
RANGE										
VOLTAGE	138x4	116x4	132x4	70x4	112x4	132x4	108x4	142x4	112x4	132x4
CURRENT	4.0	2.0	4.0	1.0	2.0	4.0	2.0	2.0	2.0	4.0
SEND	4-5	3-4	2-3	1-2	4-5	3-4	2-3	1-2	4-5	CAL
RECEIVE										
RANGE										3-4
VOLTAGE	106x4	140x4	130x4	130x4	108x4	138x4	110x4	130x4	106x4	72x4
CURRENT	2.0	2.0	2.0	4.0	2.0	2.0	2.0	4.0	2-0	1.0

FREQUENCIES .05 3.0

SENDER NO. 1

OPERATOR DAVES

RECEIVER NO. 10CCIR

OPERATOR DON B

COMMENTS:

?

Guarpex 3.0 Hz

HEINRICHS GEOEX B270-68 LINE KINGMAN 5 SPD 1 LOOKING NORTH 9-19-68 A= 1000 FEET

2.000	1.000	2.000	1.000	1.000	1.000	4.000	2.000	2.000	2.000	I	4.000	2.000	2.000	2.000	4.000	2.000	2.000	2.000	1.000		
950	497	175	386	709	261	171	149	480	239	DC	270	346	145		199	346	161		995	LEFT
955	494	176	390	725	266	169	144	463	234		275	338	154		214	338	173		950	SIDE
		175		/	258		148	475	248			359	138		205	339	/			
		174		718	/		145	479	222			361	147		205	338	175			
		176		701	278		148	480	/			347	143		205	348	176			
		174		704	262		145	/	226			356	142		213	/	191			
				728	262			461	207			350	142		203	365	158			
				/	273			452	/			354	146		213	353	194			
				708	252			500	219			342	137		205	351	186			
				719	274			480	202			363	162		213	339				
				704	256			/	241			350	/		199	364				
				726	261			440	239			344	150		212	/				
				701	265			482	256			343	131		205	343				
				733	259			437	231			356	151		207	336				
				/	275			499	213			341	138		205	379				
				704	245			460	214			358	/							
				718	276			499	/				149							
				717				457	242				130							
				719					262											

1	1	2	1	2	3	1	2	3	4	N	2	3	4	5	3	4	5	6		
95.25	49.55	17.51	38.80	7.135	2.633	170.0	14.64	4.727	2.316	DCA	27.25	3.504	1.437	0.000	20.72	3.466	1.777	0.000	97.25	
92.50	48.00	16.90	38.00	6.950	2.500	166.5	14.30	4.630	2.260	AC1	26.80	3.390	1.390	.710	20.25	3.410	1.620	.960	95.50	
92.50	48.00	16.90	38.00	6.950	2.500	166.5	14.40	4.620	2.250	AC2	26.80	3.410	1.390	.720	20.25	3.410	1.630	.960	95.50	
92.50	48.00	16.90	38.00	6.950	2.500	166.5	14.35	4.625	2.255	ACA	26.80	3.400	1.390	.715	20.25	3.410	1.625	.960	95.50	
146.9	152.9	108.0	119.7	88.04	81.23	131.1	90.32	72.91	71.45	RHO	84.06	54.05	44.33*000.0		159.8	106.9	95.96*000.0		1.028	DC CAL
1.1	1.4	1.7	.3	.8	3.4	.3	.2	.4	.9	PFE	-.2	1.2	1.5*000.0		.5	-.2	7.4*000.0		.982	AC CAL
8	9	16	2	9	42	2	2	5	12	MCF	-2	22	34*00000		3	-2	77*00000			
.0	.0	.2	.1	.3	.8	.1	.3	1.0	1.8	CPFE	.3	1.4	3.3	2.3	.3	1.1	2.0	.1		
1.1	1.3	1.5	.2	.5	2.6	.2	-.1	-.6	-.9	CCPFE	-.5	-.2	-1.8*997.7		.2	-1.2	5.4*999.9			
7	9	14	2	6	32	2	-1	-8	-13	CCMCF	-6	-4	-41	1000	1	-12	56	1000		

4.000	2.000	4.000	1.000	2.000	4.000	2.000	2.000	2.000	4.000	I	2.000	2.000	2.000	4.000	2.000	2.000	2.000	4.000	1.000		
202	970	340	389	171	110	602	114	422	343	DC	864	286	118	132	256	101			975	RIGHT
200	975	338	398	179	111	600	115	402	359		859	290	129	110	282	110			990	SIDE
		341	387	173	109	604	115	437	339		852	284	116	/	247	107				
		337	398	178	111	599	114	385	356		865	294	131	118	290	109				
		343	387	172	109	604	115	/	325		851	275	108	115	/	104				
		335	399	177	112	599	114	400	359		866	305	138	123	271	113				
				174	108			427	322		832	/	/	/	/	116				
				176	113			400	362		/	292	126	116	266	98				
					108			419	324		839	281	119	121	254	/				
					114			398	/		863	287	121	109	259	107				
								414	333		841	274	134	126	273	104				
								409	323		866	298	118	111	253	101				
								438	339		848	261	132	128	275	116				
								/	337		861	309	/	102	251	105				
								409	328		851	/	125		268	96				
								399	351		880	286	127		247	115				
								423	320		843	297	122		/					
								422				291	119		267					
															281					

1	1	2	1	2	3	1	2	3	4	N	2	3	4	5	3	4	5	6		
201.0	97.25	33.93	39.28	17.52	11.03	60.15	11.46	4.128	3.400	DCA	8.566	2.866	1.234	1.178	2.638	1.070	0.000	0.000	98.25	
195.0	94.00	32.80	38.10	16.80	10.60	58.50	11.10	3.960	3.200	AC1	8.280	2.750	1.160	1.110	2.520	.980	.510	.520	97.00	
195.0	94.00	32.80	38.00	16.80	10.60	58.40	11.10	3.940	3.190	AC2	8.260	2.750	1.160	1.110	2.520	.975	.510	.520	97.00	
195.0	94.00	32.80	38.05	16.80	10.60	58.45	11.10	3.950	3.195	ACA	8.270	2.750	1.160	1.110	2.520	.977	.510	.520	97.00	
153.4	148.5	103.6	119.9	107.0	84.22	91.83	69.98	63.02	51.91	RHO	52.31	43.75	37.67	31.48	40.27	32.68*000.0*000.0			1.018	DC CAL
1.8	2.1	2.1	1.9	3.0	2.8	1.6	1.9	3.2	5.1	PFE	2.3	2.9	5.0	4.8	3.3	8.1*000.0*000.0			.987	AC CAL
12	14	21	16	28	33	17	28	50	98	MCF	43	66	133	153	83	248*00000*00000				
.0	.0	.3	.1	.2	.8	.1	.4	1.2	2.7	CPFE	.7	1.9	4.1	8.1	2.1	4.9	1.0	2.1		
1.7	2.1	1.9	1.9	2.7	2.0	1.5	1.5	2.0	2.3	CCPFE	1.6	1.0	.9	-3.3	1.3	3.2*999.0*997.9				
11	14	18	16	25	23	17	21	32	45	CCMCF	31	23	24	-104	31	98	1000	1000		

Moore Business Forms, Inc.

JOB 270-68 LINE Kingman 4 SPREAD 1

LOOKING N 30° E DATE 9/17/68 A= 500

CENTER 0.0 LABEL NW / SE FREQ. 3.0

COUPLING yes

9.26.68
CA

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX
LINE 4 HALF N60W SP. 1 DATE 9/17/66

PAGE 1

SEND	4 5	3 4	4 5	2 3	3 4	4 5	1 2	2 3	3 4	4 5
RECEIVE	0-5 NW	5-10 NW		10-15 NW			15-20 NW			
RANGE	100	100	10	100	30	10	100	30	10	3
DC 1	339 334	475 479	700 694	573 581	201 198	387 383	901 920	136 141	630 660	152 146
DC 2	339 333	475 479	702 683	574 580	204 198	378 380	901 920	136 141	627 660	152 146
DC 3	339 333		705 686	573 579	201 199	380 381			627 662	146 148
DC 4			697 702		200 200	386 380			642 643	147 154
DC 5			691 699			388 380			640 646	142 154
DC 6			700 692			393 383			640 644	140 161
DC 7			709 699			394 379				
DC 8						391 376				
DC AVG.										
AC 1	33.8	47.4	6.95	56.3	19.6	3.78	89.1	13.6	6.29	1.46
AC 2	33.8	47.4	6.96	56.3	19.55	3.78	89.3	13.6	6.31	1.46
AC AVG.										
S.P.	+19	-17	+[illegible]	+2			+1			
AC NOISE	.05	.06		.06			.05			
POT RES.	30K	30K		26K			26K			

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B 270
LINE 4 HALF N60W SP. 1 DATE 7/17/68

SEND	1 2	2 3	3 4	4 5	1 2	2 3	3 4	4 5		CAL
RECEIVE	20-25 NW				25-30 NW					2 3
RANGE	30	3	3	1	10	3	3	1		300
DC 1	989 990	265 267	149 148	401 400	700 720	259 240	161 155			97.5 94.5
DC 2	980 965	266 267	151 149	412 340	708 696	258 259	178 152			97.5 94.5
DC 3	980 975	267 265	150 155		721 700	263 251	165 152			
DC 4	970 975	270 260	150 146		727 683	239 256	176 150			
DC 5	960 990	266 271	144 152		700 719	259 245	171 152			
DC 6		265 272	146 155		596 700	251 264	183 153			
DC 7		264 267	144 156		712 722	257 255	191 144			
DC 8					703 715	259 233	169 157			
DC AVG.										
AC 1	95.0	2.60	1.48	0.40	6.92	2.45	1.59	.560		95.0
AC 2	95.0	2.61	1.46	0.405	6.94	2.47	1.60	.565		950
AC AVG.										
S.P.	+8				+23					
AC NOISE	.03				.06					
POT RES.	24k				24k					

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Kingman

LINE 4 HALF N W SP. 1 DATE 17/SEP/68

SEND	4-5	3-4	4-5	2-3	3-4	4-5	1-2	2-3	3-4	4-5
RECEIVE										
RANGE										
VOLTAGE	155x4	98x4	155x4	80x4	98x4	152x4	76x4	80x4	98x4	152x4
CURRENT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SEND	1-2	2-3	3-4	4-5	1-2	2-3	3-4	4-5		CAL
RECEIVE										
RANGE										2-3
VOLTAGE	76x4	80x4	96x4	152x4	74x4	78x4	94x4	150x4		82x4
CURRENT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		1.0

FREQUENCIES .05 3.0

SENDER NO. 1

OPERATOR DAVE S

RECEIVER NO. 16CC1R

OPERATOR DON B

COMMENTS:

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 4 HALF 560E SP. 1 DATE 9/7/68

PAGE 4

SEND	1 2	2 3	1 2	3 4	2 3	1 2	4 5	3 4	2 3	1 2
RECEIVE	0-5 SE	5-10 SE		10-15 SE			15-20 SE			
RANGE	300	100	30	30	30	10	100	10	10	3
DC 1	975 955	648 642	126 129	289 285	112 115	383 390	364 373	557 560	298 300	114 120
DC 2	975 955	651 641	128 130	289 285	112 115	400 399	364 373	557 554	280 303	114 130
DC 3		657 641	126 127			382 381		561 570	283 316	119 135
DC 4		656 640	126 127			384 395		540 564	280 310	119 130
DC 5		653 643				398 393		541 576	279 315	111 125
DC 6						400 388		541 577	299 296	102 128
DC 7						397 384		562 556	300 298	109 116
DC 8								560 552	303 283	123 116
DC AVG.										
AC 1	94.5	64.2	12.6	28.4	11.3	3.81	35.8	5.44	2.86	1.18
AC 2	94.4	64.4	12.6	28.4	11.3	3.82	35.8	5.42	2.86	1.17
AC AVG.										
S.P.	+23	+10		+5			+2			
AC NOISE	.05	.08		.05			.03			
POT RES.	24K	+60		44K			19K			

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 4 HALF 560E SP. 1 DATE 9/7/83

PAGE 5

SEND	4 5	3 4	2 3	1 2	4 5	3 4	2 3	1 2		CAL
RECEIVE	20-25SE				25-30SE					3 4
RANGE	30	10	3	3	10	3	3	1		30D
DC 1	120 121	286 314	224 214	945 860	547 579	205 189	149 145	706 762		950 970
DC 2	120 121	300 321	209 207	101 830	553 557	202 185	152 143	725		950 970
DC 3	119 120	310 329	201 214	102 830	568 540	192 179	156 144			
DC 4	118 119	319 330	204 228	102/101	561 571	192 188	149 151			
DC 5		315 319	201 224	990	544 578	200 185	149 140			
DC 6		305 304	197/216	(	566 561	201 192	144 142			
DC 7		299 301	227 208		561 547	205 181	155 141			
DC 8		292 311	229 208		578 543		141 137			
DC AVG.										
AC 1	11.7	2.94	2.06	.895	5.34	1.89	1.41	.705		94.5
AC 2	11.6	2.94	2.04	.890	5.32	1.90	1.41	.710		94.5
AC AVG.										
S.P.	-4				-14					
AC NOISE	.06				.04					
POT RES.	17K				11K					

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT KINGMAN

LINE H HALF SE SP. 1 DATE 7/16/68

SEIA

SEND	1-2	2-3	1-2	3-4	2-3	1-2	4-5	3-4	2-3	1-2
RECEIVE										
RANGE										
VOLTAGE	144X4	148X4	144X4	94X4	148X4	144X4	148X4	92X4	148X4	142X4
CURRENT	2.0	2.0	2.0	1.0	2.0	2.0	1.0	1.0	2.0	2.0
SEND	4-5	3-4	2-3	1-2	4-5	3-4	2-3	1-2		CAL
RECEIVE										3-4
RANGE										
VOLTAGE	150X4	90X4	144X4	142X4	150X4	90X4	144X4	142X4		94X4
CURRENT	1.0	1.0	2.0	2.0	1.0	1.0	2.0	2.0		1.0

FREQUENCIES .05 3.0

SENDER NO. 1

OPERATOR DAVE S

RECEIVER NO. 10CC1 R

OPERATOR DON B

COMMENTS:

Gunnex

HEINRICHS GEOEX .8270-68 LINE KINGMAN 4 SPD 1 LOOKING N30E 9-17-68 A= 500 FEET

1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	I	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000			
339	475	700	575	201	387	901	136	630	152	DC	989	265	149	401	700	259	161		975	LEFT		
334	479	694	581	198	383	920	141	660	146		970	267	148	400	720	240	155		945	SIDE		
339		702	574	204	378			627	152		980	266	151	412	708	258	178					
333		683	580	198	380			660	146		965	267	149	340	696	259	152					
339		705	573	201	380			627	146		980	267	150	390	721	263	/					
333		686	579	199	381			662	148		975	265	155		700	251	165					
		/		200	386			/	147		970	270	150	1624	727	239	152					
		697		200	380			642	154		975	260	146	741	683	256	176					
		702			388			643	142		960	/	144		/	259	150					
		691			380			640	154		990	266	152	2413	700	245	171					
		699			393			646	140			271	146	402	719	251	152					
		700			383			640	161			265	155		696	264	/					
		/			394			649				272	144		700	257	183					
		692			379							264	156		712	255	155					
		709			391							267			722	259	171					
		699			376										703	233	144					
															715		169					
																	157					

1	1	2	1	2	3	1	2	3	4	N	2	3	4	5	3	4	5	6		
33.62	47.70	6.975	57.70	20.01	3.838	91.05	13.85	6.434	1.483	DCA	9.738	2.669	1.494	.402	7.088	2.535	1.620	0.000	96.00	
33.80	47.40	6.950	56.30	19.60	3.780	89.10	13.60	6.290	1.460	AC1	9.500	2.600	1.480	.400	6.920	2.450	1.590	.560	95.00	
33.80	47.40	6.960	56.30	19.55	3.780	89.30	13.60	6.310	1.460	AC2	9.500	2.610	1.460	.405	6.940	2.470	1.600	.565	95.00	
33.80	47.40	6.955	56.30	19.57	3.780	89.20	13.60	6.300	1.460	ACA	9.500	2.605	1.470	.402	6.930	2.460	1.595	.562	95.00	
52.53	74.53	43.59	90.16	125.0	59.97	142.3	86.56	100.5	46.35	RHO	60.86	41.71	46.69	21.56	110.7	79.21	88.59	*000.0	1.042	DC CAL
-1.6	-.4	-.8	1.4	1.1	.5	1.0	.8	1.1	.5	PFE	1.4	1.4	.6	-3.1 -1.0	1.2	2.0	.5	*000.0	.990	AC CAL
-30	-6	-18	16	9	8	7	9	11	11	MCF	24	33	13	-143	11	25	6	*00000		
0.0	0.0	.1	0.0	0.0	.2	0.0	.0	.1	.5	CPFE	.1	.3	.5	2.3	.1	.2	.4	.1		
-1.6	-.4	-.9	1.4	1.1	.3	1.0	.7	1.0	.0	CCPFE	1.4	1.1	.1	-5.4	1.1	1.7	.2	*999.9		
-30	-6	-20	16	9	5	7	8	10	0	CCMCF	22	26	2	-250	10	22	2	1000		

2.000	2.000	2.000	1.000	2.000	2.000	1.000	1.000	2.000	2.000	I	1.000	1.000	2.000	2.000	1.000	1.000	2.000	2.000	1.000			
975	648	126	289	112	383	364	557	298	114	DC	120	286	224	945	547	205	149	706	95	RIGHT		
955	642	129	285	115	390	373	560	300	120		121	314	214	860	579	188	145	762	97	SIDE		
	651	128			400		557	280	114		120	300	209	1010	/	202	152	725				
	641	130			399		559	303	130		121	321	207	830	553	185	143					
	657	126			382		561	283	119		119	310	201	1020	557	192	156					
	641	127			381		570	316	135		120	329	214	830	568	179	144					
	656	126			384		540	280	119		118	319	204	1020	540	192	149					
	640	127			395		564	310	130		119	330	228	/	/	188	151					
	653				398		541	279	111			315	201	1010	561	200	149					
	640				393		576	315	125			319	224	990	571	185	140					
					400		541	/	102			305	197		544	201	144					
					388		577	299	128			304	/		578	192	142					
					397		/	296	/			299	216		/	205	155					
					384		562	300	109			301	227		566	181	141					
					556		298	116				292	208		561		141					
					560		303	123				311	229		561		137					
					552		283	116					208		547							
															578							
															543							

1	1	2	1	2	3	1	2	3	4	N	2	3	4	5	3	4	5	6		
96.50	64.72	12.75	28.70	11.35	3.916	36.85	5.578	2.961	1.198	DCA	11.98	3.104	2.135	.933	5.600	1.925	1.463	.739	96.00	
94.50	64.20	12.60	28.40	11.30	3.810	35.80	5.440	2.860	1.180	AC1	11.70	2.940	2.060	.895	5.340	1.890	1.410	.705	94.50	
94.40	64.40	12.60	28.40	11.30	3.820	35.80	5.420	2.860	1.170	AC2	11.60	2.940	2.040	.890	5.320	1.900	1.410	.710	94.50	
94.45	64.30	12.60	28.40	11.30	3.815	35.80	5.430	2.860	1.175	ACA	11.65	2.940	2.050	.892	5.330	1.895	1.410	.707	94.50	
75.39	50.56	39.84	44.84	35.47	30.59	57.58	34.86	23.13	18.72	RHO	74.87	48.51	33.35	25.52	87.51	60.14	40.01	32.32	1.042	DC CAL
.6	-.9	-.4	-.5	-1.1	1.0	1.3	1.1	1.9	.4	PFE	1.2	3.9	2.5	2.9	3.4	-.0	2.2	2.8	.984	AC CAL
8	-18	-10	-12	-32	34	23	32	83	20	MCF	16	81	75	115	39	-0	54	86		
0.0	.0	.1	.0	.2	.5	0.0	.2	.7	1.7	CPFE	.1	.3	.8	1.9	.1	.4	1.0	2.1		
.6	-.9	-.5	-.6	-1.3	.6	1.3	.9	1.2	-1.3	CCPFE	1.2	3.7	1.7	1.1	3.3	-.4	1.1	.7		
8	-19	-13	-12	-37	18	23	27	53	-71	CCMCF	15	76	51	42	38	-6	28	23		

Moore Business Forms, Inc. f

Moore Business Forms, Inc. f

Moore Business Forms, Inc. f

Moore Business Forms, Inc. f

0600690

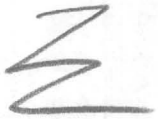
0600693

JOB 270 - 68 LINE Kingman 2 SPREAD 2

LOOKING N DATE 9/21/68 A= 250

CENTER -10.0 LABEL W/W FREQ. 3

COUPLING Yes



9.26.68
cs

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 2 HALF W SP. 2 DATE 8/21/68

PAGE 1

SEND	4 5	3 4	4 5	2 3	3 4	4 5	1 2	2 3	3 4	4 5
RECEIVE	10-12.5W	12.5-15W		15-17.5W			17.5-20W			
RANGE	300	300	100	100	100	30	100	30	30	10
DC 1	189 190	248 250	329 335	860 863	563 561	156 155	670 678	234 233	225 225	800 776
DC 2	190 190	248 250	329 335	852 875	564 560	155 156	668 680	235 232	224 225	793 779
DC 3				846 889	565 560	154 158	666 680	236 231	224 225	796 771
DC 4				862 860		153 159	664 683			780 779
DC 5				871 850						761 789
DC 6										778 791
DC 7										761 804
DC 8										759 801
DC AVG.										
AC 1	185.0	241.0	32.1	83.6	55.0	15.3	66.5	22.9	22.0	7.77
AC 2	186.0	241.0	32.1	83.7	55.0	15.3	66.5	22.9	22.0	7.79
AC AVG.										
S.P.	-12	0		+25			+4			
AC NOISE	.06	.04		.05			.04			
POT RES.	16K	10K		9.5K			13K			

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 2 HALF W SP. 2 DATE 9/21/68

SEND	1 2	2 3	3 4	4 5	1 2	2 3	3 4	4 5		CAL
RECEIVE	20-225W				22.5-25W					2 3
RANGE	30	30	30	10	10	10	10	3		30
DC 1	192 191	120 117	134 134	513 507	520 522	394 419	500 499	213 200		960 960
DC 2	189 193	122 117	134 133	546 500	500 546	384 421	489 506	216 191		960 960
DC 3	191 196	122 115	136 130	521 508	520 520	407 379	479 510	215 216		
DC 4	190 197	120 114	133 128	541 544	505 528	403 381	490 511	214 220		
DC 5	190 195	123 115		542 525	499 534	383 412	484 520	203 229		
DC 6				539 538		379 419	490 501	218 213		
DC 7				502 553			492 501	209 220		
DC 8				505 558						
DC AVG.										
AC 1	19.0	11.5	13.1	5.09	5.10	3.84	4.91	2.10		96.0
AC 2	19.0	11.5	13.1	5.09	5.10	3.85	4.92	2.10		96.0
AC AVG.										
S.P.	-17				+22					
AC NOISE	.05				.04					
POT RES.	20K				26K					

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PAGE 3

PROJECT Kongraan

LINE 2 HALF W SP. 2 DATE SEP 21 68

SEND	4-5	3-4	4-5	2-3	3-4	4-5	1-2	2-3	3-4	4-5
RECEIVE										
RANGE										
VOLTAGE	138x4	144x4	132x4	150x4	142x4	132x4	155x4	150x4	140x4	132x4
CURRENT	1.0	2.0	1.0	1.0	2.0	1.0	0.6	1.0	2.0	1.0
SEND	1-2	2-3	3-4	4-5	1-2	2-3	3-4	4-5		CAL
RECEIVE										
RANGE										2-3
VOLTAGE	155x4	150x4	138x4	128x4	150x4	148x4	140x4	128x4		155x4
CURRENT	0.6	1.0	2.0	1.0	0.6	1.0	2.0	1.0		1.0

FREQUENCIES .05 3.0

SENDER NO. 1

OPERATOR DAVES.

RECEIVER NO. 10661R

OPERATOR DON B.

COMMENTS: N = 250'

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 2 HALF E SP. 2 DATE 9/21/88

SEND	1 2	2 3	1 2	3 4	2 3	1 2	4 5	3 4	2 3	1 2
RECEIVE	10-7.5W	7.5-5W		5-2.5W			2.5-0W			
RANGE	100	300	30	1000	100	30	300	100	30	10
DC 1	781 797	193 194	237 236	440 433	554 550	129 131	154 154	721 739	155 155	506 540
DC 2	781 795	194 193	240 235	440 433	554 556	128 133	154 154	721 739	154 156	498 554
DC 3	788 797		243 233			126 134				530 501
DC 4	780 797		238 240			124 135				542 498
DC 5			236 240			124 137				549 534
DC 6										561 541
DC 7										496 547
DC 8										
DC AVG.										
AC 1.	76.5	189	23.3	424	54.1	12.8	150	71.4	15.2	5.07
AC 2	76.5	189	23.3	424	54.1	12.8	150	71.4	15.2	5.04
AC AVG.										
S.P.	0	-2		+15			+9			
AC NOISE	.04	.05		.03			.04			
POT RES.	1K	20K		20K			7.5			

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT SUNNEX B270
LINE 2 HALF E SP. 2 DATE 9/24/68

SEND	4 5	3 4	2 3	1 2	4 5	3 4	2 3	1 2		CAL
RECEIVE	0-2.5E				2.5-5E					3 4
RANGE	100	30	10	10	30	30	10	3		300
DC 1	399 399	134 135	731 732	262 280	180 178	144 145	420 421	176 179		203 200
DC 2	399 399	134 136	721 744	259 270	181 177	144 145	420 423	181 177		203 200
DC 3		133 136	718 757	272 279	181 177		419 423	179 174		
DC 4			730 739	261 287			419 424	182 176		
DC 5			721 746	280 261			416 427	182 176		
DC 6			715 760	269 271						
DC 7			731 744	260 280						
DC 8			720 758							
DC AVG.										
AC 1	3.99	13.4	7.26	2.69	17.9	14.3	4.19	1.77		200
AC 2	3.98	13.4	7.28	2.68	17.9	14.3	4.18	1.77		200
AC AVG.										
S.P.	-4				-13					
AC NOISE	.03				.04					
POT RES.	35K				35K					

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT KINGMAN

LINE 2 HALF E SP. 2 DATE SEP 21/68

PAGE 6

SEND	1-2	2-3	1-2	3-4	2-3	1-2	4-5	3-4	2-3	1-2
RECEIVE										
RANGE										
VOLTAGE	155x4	142x4	155x4	134x4	142x4	155x4	126x4	134x4	142x4	155x4
CURRENT	0.70	1.0	0.70	2.0	1.0	0.7	1.0	2.0	1.0	0.7
SEND	4-5	3-4	2-3	1-2	4-5	3-4	2-3	1-2		CAL
RECEIVE										3-4
RANGE										
VOLTAGE	124x4	68x4	140x4	155x4	126x4	134x4	140x4	155x4		136x4
CURRENT	1.0	1.0	1.0	0.7	1.0	2.0	1.0	0.7		2.0

FREQUENCIES: .05 3.0

SENDER NO. 1

OPERATOR DAVE S.

RECEIVER NO. LOGGER

OPERATOR DON B

COMMENTS: N = 250'

Gunnex

HEINRICHS GEOEX B270-68 LINE KINGMAN 2 SPD 2 LOOKING NORTH 9-21-68 A= 250 FEET

1.000	2.000	1.000	1.000	2.000	1.000	.600	1.000	2.000	1.000	I
189	248	329	860	563	156	670	234	225	800	DC
190	250	335	863	561	155	678	233	225	776	
190			852	564	155	668	235	224	793	
190			875	560	156	680	232	225	779	
			846	565	154	666	236	224	796	
			889	560	158	680	231	225	771	
			/		153	664			780	
			862		159	683			779	
			860						761	
			871						789	
			850						778	
									791	
									761	
									804	
									759	
									801	

.600	1.000	2.000	1.000	.600	1.000	2.000	1.000	1.000	
192	120	134	513	520	394	500	213	96	LEFT
191	117	134	507	522	419	499	200	96	SIDE
189	122	134	/	500	384	489	216		
193	117	133	546	546	421	506	191		
191	122	136	500	/	/	479	/		
196	115	130	521	520	407	510	215		
190	120	133	508	520	379	490	216		
197	114	128	541	505	403	511	214		
190	123		544	528	/	484	220		
195	115		542	499	381	520	203		
			525	534	383	/	229		
			539		412	490	/		
			/		379	501	218		
			538		419	492	213		
			502			501	209		
			553				220		
			505						
			558						

1	1	2	1	2	3	1	2	3	4	N
189.8	249.0	33.20	86.22	56.23	15.55	67.32	23.37	22.46	7.812	DCA
185.0	241.0	32.10	83.60	55.00	15.30	66.50	22.90	22.00	7.770	AC1
186.0	241.0	32.10	83.70	55.00	15.30	66.50	22.90	22.00	7.790	AC2
185.5	241.0	32.10	83.65	55.00	15.30	66.50	22.90	22.00	7.780	ACA
148.3	97.27	103.7	67.36	87.86	121.5	87.66	73.03	87.73	122.1	RHO
2.3	3.3	3.4	3.1	2.2	1.6	1.2	2.1	2.1	.4	PFE
16	34	33	46	25	13	14	28	24	3	MCF

2	3	4	5	3	4	5	6	
19.23	11.86	13.30	5.263	5.167	3.965	4.972	2.122	96.00
19.00	11.50	13.10	5.090	5.100	3.840	4.910	2.100	96.00
19.00	11.50	13.10	5.090	5.100	3.850	4.920	2.100	96.00
19.00	11.50	13.10	5.090	5.100	3.845	4.915	2.100	96.00
100.1	92.66	103.9	143.9	67.29	61.95	67.98	92.83	1.042 DC CAL
1.2	3.1	1.5	3.4	1.3	3.1	1.2	1.0	1.000 AC CAL
12	34	15	24	20	50	17	11	

.700	1.000	.700	2.000	1.000	.700	1.000	2.000	1.000	.700	I
781	193	237	440	554	129	154	721	155	506	DC
797	194	236	433	550	131	154	739	155	540	
781	194	240			128			154	499	
795	193	235			133			156	554	
788		243			126				/	
797		233			134				530	
780		/			124				501	
797		238			135				542	
		240			124				498	
		236			137				549	
		240							/	
									534	
									501	
									541	
									496	
									547	

1.000	1.000	1.000	.700	1.000	2.000	1.000	.700	2.000	
399	134	731	262	180	144	420	176	203	RIGHT
399	135	732	280	178	145	421	179	200	SIDE
	134	721	259	181		420	181		
	136	744	270	177		423	177		
	133	718	/	181		419	179		
	136	757	272	177		423	174		
		/	279			419	182		
		730	261			424	176		
		739	287			416	182		
		721	/			427	176		
		746	280						
		715	261						
		760	269						
		/	271						
		731	260						
		744	280						
		720							
		758							

1	1	2	1	2	3	1	2	3	4	N
78.96	193.7	23.80	436.5	55.20	12.98	154.0	73.00	15.48	5.207	DCA
76.50	189.0	23.30	424.0	54.10	12.80	150.0	71.40	15.20	5.070	AC1
76.50	189.0	23.30	424.0	54.10	12.80	150.0	71.40	15.20	5.090	AC2
76.50	189.0	23.30	424.0	54.10	12.80	150.0	71.40	15.20	5.080	ACA
83.97	144.2	101.2	162.5	164.4	138.0	114.6	108.7	115.3	110.8	RHO
2.4	1.7	1.4	2.2	1.3	.6	1.9	1.5	1.1	1.7	PFE
29	12	14	13	8	5	17	14	10	16	MCF

2	3	4	5	3	4	5	6	
39.90	13.46	7.333	2.696	17.91	14.45	4.209	1.784	201.5
39.90	13.40	7.260	2.690	17.90	14.30	4.190	1.770	200.0
39.90	13.40	7.280	2.680	17.90	14.30	4.180	1.770	200.0
39.90	13.40	7.270	2.685	17.90	14.30	4.185	1.770	200.0
118.8	100.2	109.2	100.3	133.3	107.6	109.7	106.3	.993 DC CAL
-.7	-.3	.1	-.3	-.7	.3	-.2	.1	.993 AC CAL
-6	-3	1	-3	-5	3	-2	1	

Moore Business Forms, Inc. f

JOB 270-68 LINE Kingman 2 SPREAD 1

LOOKING N DATE Sept 8, 68 A= 1000

CENTER O LABEL W/E FREQ. 3.0

COUPLING YES

2 ~~8~~ 20
~~3~~ 25
35

9.17.68
CA

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 2 HALF W SP. 1 DATE 9/3/88

PAGE 1

SEND	4 5	3 4	4 5	2 3	3 4	4 5	1 2	2 3	3 4	4 5
RECEIVE	0-1W	1-2W		2-3W			3-4W			
RANGE	100	100	30	100	30	10	100	100	10	10
DC 1	753 740	504 502	159 157	261 266	102 100	491 490	741 730	239 238	629 626	327 333
DC 2	753 740	509 504	152 156	267 264	101 100	483 508	746 729	239 238	640 605	316 361
DC 3		509 505	155 156	269 267	101 102	477 509	738 744		636 614	342 365
DC 4		506 508	156 154	268 266	101 103	484 509	737 744		629 626	319 322
DC 5			157 156	273 264	100 103	487 503	738 745		638 636	304 321
DC 6			156 156			491 489			640 632	357 299
DC 7						484 522			643 631	300 319
DC 8									611 614	339 356
DC AVG.										
AC 1	72.0	48.2	15.0	25.1	9.55	4.78	69.7	22.6	6.00	3.24
AC 2	72.0	49.0	15.0	25.7	9.60	4.79	70.2	22.4	6.01	3.24
AC AVG.										
S.P.	+9	-15		+30			+27			
AC NOISE	.10	.12		.14			.18			
POT RES.	12K	13K		13K			12K			

HEINRICHS GEOEXPLORATION CO.

I.P. RECEIVER NOTES, 1 HZ

PROJECT GUNNEX B 270

LINE 2 HALF W SP 1 DATE 9/8/88

PAGE 2

SEND	1 2	2 3	3 4	4 5	1 2	2 3	3 4	4 5		CAL
RECEIVE	4-5 W				5-6 W					1 2
RANGE	30	30	10	3	10	10	3			300
DC 1	219 217	124 121	342 359	219 220	707 734	542 545	172 177			96.5 94
DC 2	221 216	125 122	375 374	229 221	709 721	563 534	173 183			96.5 94
DC 3	218 225	127 119	344 379	228 223	760 694	530 505	181 146			
DC 4	217 225	127 120	353 380	224 208	734 738	562 548	179 141			
DC 5	220 222	125 121	356 382	212 235	757 732	523 549	151			
DC 6	220 225	128 119	354 384	235 209	746 752	563 541				
DC 7		125 120	339 388	230 222	722 735	548 555				
DC 8			344 374	226 235		554 547				
DC AVG.										
AC 1	20.7	11.6	3.45	2.12	6.81	5.10	1.65	1.01		925
AC 2	21.1	11.65	3.46	2.12	6.98	5.11	1.66			92.5
AC AVG.										
S.P.	-7				+1					
AC NOISE	.10				.10					
POT RES.	20K				15K					

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT KINGMAN
LINE 2 HALF W SP. 1 DATE 4/84

SEND	4-5	3-4	4-5	2-3	3-4	4-5	1-2	2-3	3-4	4-5
RECEIVE										
RANGE										
VOLTAGE	128x4	106x4	128x4	80x4	106x4	128x4	74x4	148x4	110x4	128x4
CURRENT	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0
SEND	1-2	2-3	3-4	4-5	1-2	2-3	3-4	4-5		CAL
RECEIVE			*	*	*	*	*	*		
RANGE										1-2
VOLTAGE	74x4	148x4	106x4	128x4	74x4	148x4	106x4	128x4		74x4
CURRENT	1.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0		1.0

FREQUENCIES .05 3.0

SENDER NO. 1

OPERATOR DAVE S.

RECEIVER NO. 10661 R

OPERATOR DON B

COMMENTS: * .1 HZ

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B 270
LINE 2 HALF E SP. 1 DATE 9/8/68

PAGE 4

SEND	1 2	2 3	1 2	3 4	2 3	1 2	4 5	3 4	2 3	1 2
RECEIVE	0-1E	1-2E		2-3E			3-4E			
RANGE	300	100	100	100	100	30	100	30	30	10
DC 1	103 101	761 780	304 300	742 748	466 464	151 151	446 443	135 138	126 128	587 580
DC 2	102 101	760 780	304 300	742 746	466 464	153 151	446 443	136 137	124 127	603 578
DC 3	101 102	760 780		743 745		154 152		135 137	123 128	601 579
DC 4				744 745		154 157		136 136	125 129	581 593
DC 5									124 129	588 579
DC 6										580 562
DC 7										580 568
DC 8										581 571
DC AVG.										
AC 1	100	74.2	29.5	72.6	45.7	14.7	43.8	13.2	12.2	5.58
AC 2	100	74.2	29.5	72.7	45.6	14.6	43.8	13.25	12.2	5.59
AC AVG.										
S.P.	+22	+4		+9			-7			
AC NOISE	.06	.05		.06			.06			
POT RES.	12K	10K		13K			10K			

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 2 HALF E SP. / DATE 9/9/68

SEND	4 5	3 4	2 3	1 2	4 5	3 4	2 3	1 2	4 5	CAL
RECEIVE	4-5E				5-6E					3 4
RANGE	30	10	10	3	3 3/4	3	3	3	10	300
DC 1	830 815	401 401	439 446	253 256	172 183		229 218	146 140	272 271	98 97
DC 2	795 760	402 403	440 450	254 255	166 163		241 214	141 139	270 273	98 97
DC 3	762 764	400 406	439 447	252 246	194 173		211 243	140 137	273 270	
DC 4	766 770	402 408	439 452	246 247	190 162		234 229	141 141	275 263	
DC 5	761 769	404 407	438 449	254 259	181 178		234 225	146 143	273 262	
DC 6	762 772	401 409	444 445	254 255	177 187		222 226	143 139	279 259	
DC 7	759 768	407 411	446 441	253 258	168 185		220 231	142 134	279 257	
DC 8	755 772	410 414	448 442	252 260	169 191		224 230	148 135	280 254	
DC AVG.										
AC 1	8.00	3.83	4.28	2.42	1.69		2.15	1.34	2.58	95.5
AC 2	7.47	3.99	4.26	2.42	1.71		2.16	1.33	2.58	95.5
AC AVG.										
S.P.	+35				-14					
AC NOISE	.05				.05					
POT RES.	10K				15K					

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT Kincaw

LINE 2 HALF E SP. 1 DATE SEP 8/67

SEND	1-2	2-3	1-2	3-4	2-3	1-2	4-5	3-4	2-3	1-2
RECEIVE										
RANGE										
VOLTAGE	146x4	84x4	144x4	110x4	155x4	144x4	184x4	110x4	155x4	144x4
CURRENT	2.0	1.0	2.0	1.0	2.0	2.0	1.0	1.0	2.0	2.0
SEND	4-5	3-4	2-3	1-2	4-5	3-4	2-3	1-2		CAL
RECEIVE										
RANGE										4-5
VOLTAGE	142x4	110x4	155x4	142x4	130x4	108x4	150x4	138x4		138x4
CURRENT	1.0	1.0	2.0	2.0	1.0	1.0	2.0	2.0		1.0

FREQUENCIES .05 30

SENDER NO. 1

OPERATOR DAVES

RECEIVER NO. 1066 R

OPERATOR DON B.

COMMENTS:

Gunnex

HEINRICHS GEOEX B270-68 LINE KINGMAN 2 SPD 1 LOOKING NORTH 9-8-68 A= 1000 FEET

1.000	1.000	1.000	1.000	1.000	1.000	1.000	2.000	1.000	1.000	I
753	504	159	261	102	491	741	239	629	327	DC
740	502	157	266	100	490	730	238	626	333	
	509	152	267	101	483	746		640	316	
	504	156	264	100	508	729		605	361	
	509	155	269	101	477	/		636	342	
	505	156	267	102	/	738		614	365	
	506	156	268	101	509	744		629	319	
	508	154	266	103	484	737		626	/	
		157	273	100	509	744		638	322	
		156	264	103	487	738		636	364	
		156			503	745		640	321	
		156			491			632	357	
					489			643	299	
					484			631	/	
					522			611	300	
								614	319	
									339	
									356	

1.000	2.000	1.000	1.000	1.000	2.000	1.000	1.000	1.000
219	124	342	219	707	542	172	965	LEFT
217	121	359	220	734	545	177	940	SIDE
221	125	375	229	709	563	173		
216	122	374	221	721	534	193		
/	127	344	228	760	530	181		
218	119	379	223	699	505	146		
225	127	353	224	/	562	/		
217	120	380	208	739	548	179		
225	125	356	/	738	523	141		
220	121	382	212	757	549	/		
222	128	354	235	733	563	151		
220	119	384	/	746	541			
225	125	339	235	752	546			
	120	388	209	722	/			
		344	230	735	555			
		394	222		554			
			226		547			
			235					

1	1	2	1	2	3	1	2	3	4	N
74.65	50.59	15.57	26.69	10.117	4.940	73.94	23.85	6.286	3.368	DCA
72.00	48.20	15.00	25.10	9.550	4.780	69.70	22.60	6.000	3.240	AC1
72.00	49.00	15.00	25.70	9.600	4.790	70.20	22.40	6.010	3.240	AC2
72.00	48.60	15.00	25.40	9.575	4.785	69.95	22.50	6.005	3.240	ACA
235.1	159.3	196.1	84.08	127.5	155.6	232.9	150.2	198.0	212.2	RHO
.7	1.1	.8	2.1	2.6	.3	2.7	2.9	1.7	1.0	PFE
3	7	4	25	20	2	11	20	8	4	MCF
0.0	.0	.1	.1	.2	.3	0.0	.2	.2	.4	CPFE
.7	1.0	.7	2.0	2.4	-.1	2.7	2.8	1.4	.5	CCPFE
3	7	3	23	19	-1	11	19	7	2	CCMCF

2	3	4	5	3	4	5	6
22.06	12.32	3.653	2.234	7.343	5.437	1.738	0.000 95.25
20.70	11.60	3.450	2.120	6.810	5.100	1.650	1.010 92.50
21.10	11.65	3.460	2.120	6.980	5.110	1.660	1.010 92.50
20.90	11.62	3.455	2.120	6.895	5.105	1.655	1.010 92.50
277.9	193.9	230.1	246.3	231.3	171.2	191.6	*000.0 1.050 DC CAL
2.5	2.9	2.7	2.3	3.4	3.4	2.0	*000.0 .971 AC CAL
9	15	12	9	15	20	10	*00000
.1	.3	.4	.6	.2	.6	.8	2.2
2.4	2.6	2.3	1.7	3.2	2.9	1.2	*997.8
9	14	10	7	14	17	6	1000

2.000	1.000	2.000	1.000	2.000	2.000	1.000	1.000	2.000	2.000	I
103	761	304	742	466	151	446	135	126	587	DC
101	780	300	748	464	151	443	138	128	580	
102	760		742		153		136	124	603	
101	780		746		151		137	127	578	
101	760		743		154		135	123	601	
102	780		745		152		137	128	579	
			744		154		136	125	581	
			745		151		136	129	593	
								124	588	
								129	579	
									/	
									580	
									562	
									580	
									568	
									581	
									571	

1.000	1.000	2.000	2.000	1.000	1.000	2.000	2.000	1.000
830	401	439	253	172	229	146	272	98 RIGHT
815	401	448	256	183	218	140	271	97 SIDE
795	402	440	254	166	241	141	270	
760	403	450	255	/	214	139	273	
762	400	439	252	163	211	140	273	
764	406	447	246	194	243	137	270	
766	402	439	246	/	234	141	275	
770	408	452	247	173	229	141	263	
761	404	438	254	190	234	146	273	
769	407	449	259	162	225	143	262	
762	407	/	254	/	222	143	279	
772	409	444	255	181	226	138	259	
759	407	445	253	178	220	142	279	
768	411	446	258	177	231	134	257	
755	410	441	252	187	224	148	280	
772	414	448	260	168	230	135	254	
		442		185				
				169				
				191				

1	1	2	1	2	3	1	2	3	4	N
101.5	77.01	30.20	74.45	46.50	15.23	44.45	13.64	12.62	5.823	DCA
100.0	74.20	29.50	72.60	45.70	14.70	43.80	13.20	12.20	5.580	AC1
100.0	74.20	29.50	72.70	45.60	14.60	43.80	13.25	12.20	5.590	AC2
100.0	74.20	29.50	72.65	45.65	14.65	43.80	13.22	12.20	5.585	ACA
156.2	237.0	185.8	229.1	286.2	234.3	136.8	167.8	194.1	179.2	RHO
-.6	1.7	.3	.4	-.2	1.8	-.6	1.0	1.3	2.1	PFE
-4	7	1	2	-1	8	-4	6	7	12	MCF
.0	0.0	.1	0.0	.1	.2	.0	.1	.3	.5	CPFE
-.6	1.7	.2	.4	-.3	1.6	-.6	.9	1.0	1.4	CCPFE
-4	7	1	2	-1	7	-5	5	5	9	CCMCF

2	3	4	5	3	4	5	6
7.719	4.056	4.443	2.532	1.782	2.268	1.409	2.698 97.50
8.000	3.830	4.280	2.420	1.690	2.150	1.340	2.580 95.50
7.470	3.990	4.260	2.420	1.710	2.160	1.330	2.580 95.50
7.735	3.910	4.270	2.420	1.700	2.155	1.335	2.580 95.50
95.01	124.8	136.7	136.3	54.82	139.5	75.87	232.4 1.026 DC CAL
-2.2	1.6	1.9	2.5	2.7	3.1	3.4	2.4 .979 AC CAL
-24	13	14	18	48	22	45	10
.3	.5	.8	1.3	1.4	.8	2.7	1.0
-2.5	1.1	1.1	1.2	1.3	2.3	.7	1.5
-27	9	8	9	23	17	9	6

BLVE Corr for 0.1 to 0.05 Hz

Moore Business Forms, Inc. f

Gunnex – Kingman

JOB 270-68 LINE 1 SPREAD 1

LOOKING North DATE Sept 6 A= 1000

CENTER 0 LABEL W/E FREQ. 3.0

COUPLING yes

9.9.68
CA

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT Kingman GUNNEX B270
LINE 1 HALF W SP. 1 DATE 7/6/82

PAGE 1

SEND	4 5	3 4	4 5	2 3	3 4	4 5	1 2	2 3	3 4	4 5
RECEIVE	0-1W	1-2W		2-3W			3-4W			
RANGE	300	300	30	100	100	30	100	100	100	10
DC 1	730 760	640 630	226 234	761 761	479 499	140 126	731 729	393 400	284 260	611/600
DC 2	750 780	640 630	219 228	770 780	481 520	135 131	731 729	388 401	272 267	601 617
DC 3			218 233	760 777	475 497	133 132		394 401	289 262	621 619
DC 4			216 232	742 762	480 501	134 136		391 400	293 264	599 637
DC 5			216 232	751 767	477 490	131 134		393 400	296 260	591/601
DC 6				750 773		134 134				619 594
DC 7				750 764						603 584
DC 8										641 563
DC AVG.										
AC 1	73.5	81.0	21.75	71.9	46.3	12.8	70.0	37.7	26.7	5.91
AC 2	73.5	80.0	21.7	72.0	46.4	12.8	70.0	37.6	26.7	5.90
AC AVG.										
S.P.	-2	-12		+8			-1			
AC NOISE	.06	.1		.12			.10			
POT RES.	3K	4K		5K			5K			

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GONNEX B270
LINE 1 HALF W SP. 1 DATE 9/6/68

SEND	1 2	2 3	3 4	4 5	1 2	2 3	3 4	4 5		CAL
RECEIVE	4-5 W									1 2
RANGE		30	30	10						300
DC 1	ARRIVED		150 147	300 343	BROK POT					980 960
DC 2	LATE		141 149	303 392	MISSED					980 960
DC 3			145 152	360 291	TIMED					
DC 4			147 152	335 334	TRANSMISSION					
DC 5			143 156	301 342						
DC 6			140 156	361 399						
DC 7			145 149	301 356						
DC 8			139 161	352 345						
DC AVG.										
AC 1			14.1	322						95.0
AC 2		14.1	14.1	322						95.0
AC AVG.										
S.P.	-3									
AC NOISE	-14									
POT RES.										

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT KINGMAN

LINE 1 HALF W SP. 1 DATE 6 SEP

SEND	4-5	3-4	4-5	2-3	3-4	4-5	1-2	2-3	3-4	4-5
RECEIVE										
RANGE										Δ
VOLTAGE	134x4	90x4	132x4	68x4	114x4	132x4	134x4	122x4	155x4	132x4
CURRENT	1.0	1.0	1.0	1.0	1.2	1.0	1.0	2.0	2.0	1.0
SEND	1-2	2-3	3-4	4-5	1-2	2-3	3-4	4-5		CAL
RECEIVE										
RANGE	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ		1-2
VOLTAGE	132x4	122x4	155x4	130x4	132x4	120x4	155x4	128x4		122x4
CURRENT	1.0	2.0	2.0	1.0	1.0	2.0	2.0	1.0		1.0

FREQUENCIES .05 3.0

SENDER NO. 1

OPERATOR DAVE S

RECEIVER NO. 1066 IR

OPERATOR DON B

COMMENTS: Δ .1 HZ

TO 8N

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNE BAY KING
LINE 1 HALF E SP. 1 DATE 9/5/68

SEND	1 2	2 3	1 2	3 4	2 3	1 2	4 5	3 4	2 3	1 2
RECEIVE	0-1 E	1-2 E		2-3 E			3-4 E			
RANGE	300	300	30	100	100	10	100	30	10	3
DC 1	820 810	770 765	224 225	681 690	236 240	526 531	420 418	126 127	761 763	213 205
DC 2	820 810	770 765	224 225	779 696	233 241	515 562	420 416	123 130	770 765	218 223
DC 3				690 682	232 241	517 566	421 416	126 127	762 772	200 215
DC 4				687 680	231 243	540 520	422 413	123 130	776 780	215 213
DC 5				680 688	230 245	525 520	423 409	124 128	763 782	213 210
DC 6						559 504		124 128	781 779	212 217
DC 7						519 530			758 774	210 204
DC 8						547 521			764 787	
DC AVG.										
AC 1	79.5	74.5	21.8	66.9	23.2	5.19	41.1	12.4	7.50	2.04
AC 2	78.5	74.5	21.75	66.8	23.1	5.20	41.0	12.4	7.50	2.04
AC AVG.										
S.P.	+10	+16		-14			+6			
AC NOISE	.1	.1		.1			.03			
POT RES.	15K	14K		9.5K			5K			

HEINRICHS GEOEXPLORATION CO.
I.P. RECEIVER NOTES

PROJECT GUNNEX B270
LINE 1 HALF E SP. 1 DATE 9/5/68

SEND	4 5	3 4	2 3	1 2	4 5	3 4	2 3	1 2		CAL
RECEIVE	4-5E				5-6E					4 5
RANGE	10	10	10	3	10	10	3	1		300
DC 1	739 726	381 406	309 302	960 975	240 238	242 248	194 207			960 940
DC 2	743 730	399 404	298 314	106 835	238 232	244 242	201 204			960 940
DC 3	747 729	399 398	272 324	164 910	234 218	253 238	203 194			
DC 4	744 721	379 447	298 300	912 800	261 242	241 251	215 183			
DC 5	740 735	384 438	311 281	102 870	221 249	240 259	200 205			
DC 6	749 725	400 412	323 275	110 915	227 238	247 251	200 201			
DC 7	752 723	373 451	300 299	106 950	241 234	240 259	201 207			
DC 8	744 731	398 419	310 282	985 755	225 238	235 253	194 215			
DC AVG.										
AC 1	7.23	3.88	2.90	.945	2.38	2.40	1.94	.548		.955
AC 2	7.24	3.90	2.90	.945	2.26	2.40	1.94	.550		.955
AC AVG.										
S.P.	-8				+12					
AC NOISE	.64				.05					
POT RES.	4K				3K					

HEINRICHS GEOEXPLORATION CO.

I. P. SENDER NOTES

PROJECT KINGMAN

LINE 1 HALF E SP. 4 DATE 5 SEP

SEND	1-2	2-3	1-2	3-4	2-3	1-2	4-5	3-4	2-3	1-2
RECEIVE	144x4									
RANGE	1.0						*			
VOLTAGE	~~106x4~~	72x4	144x4	96x4	128x4	142x4	140x4	92x4	124x4	134x4
CURRENT	~~.6~~	1.0	1.0	1.0	2.0	1.0	1.0	1.0	2.0	1.0
SEND	4-5	3-4	2-3	1-2	4-5	3-4	2-3	1-2		CAL
RECEIVE	*	*	*	*	*	*	*	*		*
RANGE	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ		4-5
VOLTAGE	134x4	92x4	124x4	128x4	134x4	120x4	152x4	136x4		140x4
CURRENT	1.0	1.0	2.0	1.0	1.0	1.2	2.2	1.0		1.0

FREQUENCIES .05 3.0

SENDER NO. 1

OPERATOR DAVE S

RECEIVER NO. 10661 R

OPERATOR DON B

COMMENTS: * 6 SEP.

Δ .1 HZ

Gunnex - Kingman

HEINRICHS GEOEX B270-68 LINE 1 SPD 1 LOOKING NORTH 9-6-68 A= 1000 FEET

377u18

1.000	1.000	1.000	1.000	1.200	1.000	1.000	2.000	2.000	1.000	I	1.000	2.000	2.000	1.000	1.000	2.000	2.000	1.000	1.000			
75	84	226	761	479	140	731	393	284	600	DC			150	300						98	LEFT	
76	83	234	761	499	126	729	400	260	601				147	343						96	SIDE	
		219	770	481	135		388	292	617				141	303								
		228	736	500	131		401	267	621				149	392								
		218	/	475	133		394	289	619				145	/								
		233	760	497	132		401	262	599				152	360								
		216	777	480	134		391	293	637				147	291								
		232	742	501	136		400	264	591				152	335								
		216	762	477	131		393	290	/				143	334								
		232	751	490	134		400	260	601				156	/								
			767		134				619				140	301								
			750		134				599				156	342								
			773						603				145	361								
			750						584				149	399								
			764						641				139	301								
									563				161	356								
														352								
														345								
1	1	2	1	2	3	1	2	3	4	N	2	3	4	5	3	4	5	6				
75.50	83.50	22.50	75.95	48.83	13.30	73.00	39.61	27.66	6.090	DCA	0.000	0.000	14.78	3.384	0.000	0.000	0.000	0.000	97.00			
73.50	81.00	21.75	71.90	46.30	12.80	70.00	37.70	26.70	5.910	AC1	0.000	0.000	14.10	3.220	0.000	0.000	0.000	0.000	95.00			
73.50	80.00	21.70	72.00	46.40	12.80	70.00	37.60	26.70	5.900	AC2	0.000	0.000	14.10	3.220	0.000	0.000	0.000	0.000	95.00			
73.50	80.50	21.72	71.95	46.35	12.80	70.00	37.65	26.70	5.905	ACA	0.000	0.000	14.10	3.220	0.000	0.000	0.000	0.000	95.00			
233.5	258.2	278.4	234.9	503.4	411.3	225.8	245.0	427.7	376.7	RHO	*000.0	*000.0	457.0	366.3	*000.0	*000.0	*000.0	*000.0	1.031	DC CAL		
.6	1.6	1.4	3.4	3.2	1.8	2.1	3.0	1.4	1.0	PFE	*000.0	*000.0	2.6	2.9	*000.0	*000.0	*000.0	*000.0	.979	AC CAL		
3	6	5	14	6	4	9	12	3	3	MCF	*00000	*00000	6	8	*00000	*00000	*00000	*00000				
0.0	0.0	.1	0.0	0.0	.1	0.0	.1	.1	.2	CPFE	.2	.3	.1	.3	.4	.5	.7	.9				
.6	1.6	1.4	3.4	3.2	1.7	2.1	2.9	1.4	.8	CCPFE	*999.8	*999.7	2.5	2.6	*999.6	*999.5	*999.3	*999.1				
3	6	5	14	6	4	9	12	3	2	CCMCF	1000	1000	5	7	1000	1000	1000	1000				

1.000	1.000	1.000	1.000	2.000	1.000	1.000	1.000	2.000	1.000	I	1.000	1.000	2.000	1.000	1.000	1.200	2.200	1.000	1.000			
82	770	224	681	236	526	420	126	761	213	DC	739	381	309	960	240	242	194			96	RIGHT	
81	765	225	690	240	539	418	127	763	205		726	406	302	975	238	248	207			94	SIDE	
			779	233	515	420	123	770	218		743	399	298	106	238	244	201					
			696	241	562	416	130	765	223		730	404	319	835	232	242	204					
			/	232	/	421	/	762	200		747	/	272	/	234	253	203					
			690	241	517	416	126	772	/		729	399	323	101	218	238	194					
			682	231	566	422	127	776	215		744	398	/	910	261	/	215					
			687	243	540	413	123	780	215		721	/	298	112	/	241	183					
			680	230	520	423	130	763	213		/	379	300	800	242	251	/					
			680	245	525	409	124	782	213		740	447	311	/	221	240	200					
			688	520	128	781	/				735	/	281	102	249	259	205					
				559	124	779	212				749	384	323	870	/	/	200					
				509	128	758	217				725	438	275	110	227	247	201					
				/		774	210				752	/	/	915	238	251	201					
				519		764	204				723	400	300	106	241	240	207					
				530		787					744	412	299	950	234	259	194					
				547							731	373	310	985	225	235	215					
				521								451	282	955	238	253						
												/										
												398										
												419										
1	1	2	1	2	3	1	2	3	4	N	2	3	4	5	3	4	5	6				
81.50	76.75	22.45	69.69	23.68	5.337	41.82	12.61	7.709	2.129	DCA	7.366	4.039	3.007	.969	2.344	2.464	2.020	0.000	95.00			
79.50	74.50	21.80	66.90	23.20	5.190	41.10	12.40	7.500	2.040	AC1	7.230	3.880	2.900	.945	2.280	2.400	1.940	.548	95.50			
79.50	74.50	21.75	66.80	23.10	5.200	41.00	12.40	7.500	2.040	AC2	7.240	3.900	2.900	.945	2.260	2.400	1.940	.550	95.50			
79.50	74.50	21.77	66.85	23.15	5.195	41.05	12.40	7.500	2.040	ACA	7.235	3.890	2.900	.945	2.270	2.400	1.940	.549	95.50			
257.4	242.4	283.6	220.1	149.6	168.5	132.1	159.3	121.7	134.5	RHO	93.05	127.5	94.94	106.8	74.03	129.7	101.5	*000.0	1.053	DC CAL		
3.1	3.6	3.6	4.8	2.8	3.3	2.4	2.2	3.3	4.9	PFE	2.3	4.4	4.2	3.2	3.8	3.2	4.7	*000.0	1.005	AC CAL		
12	15	13	22	19	19	18	14	27	37	MCF	25	34	44	23	52	25	46	*00000				
0.0	0.0	.1	0.0	.2	.3	.0	.1	.5	.8	CPFE	.3	.5	1.3	1.9	.9	.8	1.9	1.3				
3.1	3.6	3.6	4.8	2.7	3.0	2.4	2.1	2.8	4.1	CCPFE	2.0	3.9	3.0	2.8	2.9	2.4	2.8	*998.7				
12	15	13	22	18	18	18	13	23	31	CCMCF	22	31	31	26	39	18	28	1000				

Blue corr 0.1 to 0.03 Hz
x 1.19

270-68

CLIENT Gunnex PROJECT ~~King Basin~~ Lost Basin & Hackberry

FIELD WORK: START _____ COMPLETE _____

DISTRIBUTION: _____

LINE NUMBER	SPREAD NO	DIPOLE SIZE	FIELD DATA RCVD	FIELD DATA CHKD	FIELD DATA SHEET CHKD	DRAFTING VALUES	DRAFTING CONTOURS	DRAFTING SELF POT	DRAFTING INTERPR.	DRAFTING TITLE BLK	CHK PRINT	INTERPRET	FINAL CHK	FINAL PRINT BL LINE	FINAL PRINT SEPIA	LOCATION PLAN DRAFT	LOCATION PLAN CHKD	LOCATION PLAN BL LINE	LOCATION PLAN SEPIA	computer	curr. to plotter
1	1	1000																		↙	↙
2	1	1000																		↙	↙
2	2	250																		↙	na
3	1	1000																		↙	↙
4	1	500																		↙	na
5	1	1000																		↙	↙
1	1	500																		↙	na
2	1	500																		↙	na
3	1	500																		↙	na

KINFOLKS
Name Changed
To Lost Basin