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I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru d.b. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

PAGE 100-1

HEINRICHS GEOEX

SEND		~~[illegible]~~		83-85	81-83	79-81	77-79				
RECEIVE		91-93		91-93	91-93	91-93	91-93				
MULTIPLIER											
PFE		[illegible]		[illegible]	2-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV				1.47	[illegible]	[illegible]	[illegible]				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}			n=3							
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$			[illegible]	[illegible]	[illegible]	[illegible]				
DRIFT	MCF			1.965	1.97	1.94	1.95	1.00			
S. P.											
NOISE				[illegible]							
POT RES.											
CULT & CMTS											

pgs. 100-1 — 100-42

line 15

100' dipoles

I. P. RECEIVER NOTES, JOB NO. _____, AREA line through 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

PAGE 100-2

HEINRICHS GEOEX

SEND		83-85	81-83	79-81	77-79					
RECEIVE		89-91	89-91	89-91	89-91					
MULTIPLIER										
PFE		4-7	3-4	2-3	1-2					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV		5.53	1.37	.712	.399					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}		n=2								
0.1 PFE PFE_c				89.5						
3.0 MV $\rho/2\pi$		1.39	86.1	4	87.7					
DRIFT MCF		2.14	1.93	1.95	1.94	1.06				
S. P.		I=200 mA								
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dia 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

PAGE 100-3

HEINRICHS GEOEX

SEND	83-85	81-83	79-81	77-79						
RECEIVE	87-89	87-89	87-89	87-89						
MULTIPLIER										
PFE	4-5	3-4	2-3	1-2						
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	54.2	5.26	1.77	.760						
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}	n=1									
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	241	132	111	96						
DRIFT MCF	2.53	2.12	2.05	1.98	log					
S. P.	I=300									
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

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HEINRICHS GEOEX

SEND			77-79	79-81	81-83	83-85				
RECEIVE	6		69-71	69-71	69-71	69-71				
MULTIPLIER										
PFE			1-2	2-3	3-4	4-5				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV			8.87	1.30	.07	.076				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}			n=3							
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$			166.3	163.4	135.2	133.3				
DRIFT MCF			2.26	2.21	2.13	2.12	100			
S. P.			I = 300 mA							
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line No 24.13

LINE 13, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

PAGE 100-5

HEINRICHS GEOEX

SEND		77-79	79-81	81-83	83-85						
RECEIVE		71-73	71-73	71-73	71-73						
MULTIPLIER											
PFE		1 2	2	3 4	4 8						
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		8.10	7.62	1.00	1.52						
DRIFT											
1.0 PFE K_n/1000											
0.3 PFE ρ_{CAL}		11.2									
0.1 PFE PFE_c		221.2									
3.0 MV $\rho/2\pi$		4.2	177.1	133.1	125.8						
DRIFT MCF		2.24	2.25	2.13	2.10	100					
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

PAGE 100-B

HEINRICHS GEOEX

SEND	77-79	79-81	81-83	83-85						
RECEIVE	73-75	73-75	73-75	73-75						
MULTIPLIER										
PFE	1-2	2-3	3-4	4-5						
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	40.3	8.19	2.28	[illegible]						
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	[illegible]	[illegible]	153.3	121.3						
DRIFT MCF	2.40	2.31	2.16	2.08	100					
S. P.	I = 300 mA									
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO._____, AREA_____

LINE 18, HALF_____, SP._____, a = 100', BEARING_____

SENDER STA._____ = ELECTRODE NO._____, DATE_____

PAGE_____

HEINRICHS GEOEX

SEND										
RECEIVE										
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV										
DRIFT										
1.0 PFE	K_n/1000									
0.3 PFE	ρ_{CAL}									
0.1 PFE	PFE_C									
3.0 MV	$\rho/2\pi$									
DRIFT	MCF									
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

PAGE 100-8

HEINRICHS GEOEX

SEND		79-81	77-79	75-77	73-75					
RECEIVE		85-87	[illegible]	85-87	85-87					
MULTIPLIER										
PFE		[illegible]	[illegible]	[illegible]	[illegible]					
CUR. (AMPS)										
POINT NO.										
SEP. (n)		6.04								
H. F. MV		[illegible]	1.97	.848	.807					
DRIFT										
1.0 PFE $K_n/1000$		n=2								
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$		191.8	117.5	106.6	111.5					
DRIFT MCF		2.18	2.07	2.03	2.05	100				
S. P.										
NOISE		I=300mA								
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 8/18/81

PAGE 100-7

HEINRICHS GEOEX

SEND		77-81	77-79	75-77	73-75						
RECEIVE		83-85	83-85	83-85	82-85						
MULTIPLIER											
PFE		4-5	3-4	2-3	1-2						
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		54.7	6.43	2.21	.957						
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c		100.0								
3.0 MV	$\rho/2\pi$	215.0	161.6	121.3	120.3						
DRIFT	MCF	2.34	2.21	2.10	2.08	1.09					
S. P.		I=300mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru dh 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

PAGE 100-10

HEINRICHS GEOEX

SEND			73-75	75-77	77-79	79-81				
RECEIVE	65		65-67	65-67	65-67	65-67				
MULTIPLIER										
PFE			[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV			[illegible]	[illegible]	[illegible]	[illegible]				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}			n=3							
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$			202.9	192.3	180.1	179.1				
DRIFT MCF			2.31	2.28	2.26	2.25	log			
S. P.										
NOISE			I=300mA							
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

PAGE 100-11

HEINRICHS GEOEX

SEND		73-75	75-77	77-79	79-81					
RECEIVE		67-69	67-69	67-69	67-69					
MULTIPLIER										
PFE		[illegible]	[illegible]	[illegible]	4-5					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV		7.98	7.81	7.81	7.7					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}		n=2								
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$		200.6	176.6	164.6	160					
DRIFT MCF		2.30	2.25	2.22	2.20	109				
S. P.		I = 200 mA								
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA [illegible]

LINE 13, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/9

PAGE 100-12

HEINRICHS GEOEX

SEND	73-75	75-77	77-79	79-81						
RECEIVE	69-71	69-71	69-71	69-71						
MULTIPLIER										
PFE	1-2	2-3	3-4	4-5						
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	[illegible]	[illegible]	[illegible]	1.30						
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	250.7	209.6	180.3	163.4						
DRIFT MCF	2.40	2.32	2.26	2.21	100					
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line Hiw d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

PAGE 106-12

HEINRICHS GEOEX

SEND		75-77	73-75	71-73	69-71					
RECEIVE	81-[illegible]	81-83	81-83	81-83	81-83					
MULTIPLIER										
PFE		4-5	3-4	2-3	1-2					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV		6.62	2.24	1.07	.41					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}		n=2								
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$		166.4	140.7	134.5	134.4					
DRIFT MCF		2.22	2.15	2.13	2.13	log				
S. P.		I-300 mA								
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

PAGE 100-14

HEINRICHS GEOEX

SEND			65-67	67-69	69-71	71-73				
RECEIVE			57-59	57-54	57-59	57-59				
MULTIPLIER										
PFE			1-7	2-3	3-4	4-5				
CUR. (AMPS)										
POINT NO.			3.65	1.59	.877	.516				
SEP. (n)			~~2.25~~	~~1.39~~						
H. F. MV			[illegible]	[illegible]	[illegible]					
DRIFT										
1.0 PFE	$K_n/1000$									
0.3 PFE	ρ_{CAL}		n=3							
0.1 PFE	PFE_c									
3.0 MV	$\rho/2\pi$		229.3	199.8	192.9	181.6				
DRIFT	MCF		2.36	2.30	2.29	2.26	log			
S. P.										
NOISE			I=300 uA							
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru ch. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/91

PAGE 1m-15

HEINRICHS GEOEX

SEND		63-67	67-71	69-73	71-75					
RECEIVE		59-61	59-61	59-61	59-61					
MULTIPLIER										
PFE		1-2	2	3-4	4-5					
CUR. (AMPS)										
POINT NO.										
SEP. (n)		10.3	3.42	1.58	.833					
H. F. MV										
DRIFT										
1.0 PFE K_n/1000										
0.3 PFE ρ_{CAL}		n=2								
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$		236.9	214.1	196.9	183.2					
DRIFT MCF		2.41	2.33	2.30	2.26	109				
S. P.										
NOISE		I=310mA								
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA 1a thru dh 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

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HEINRICHS GEOEX

SEND		65-67	67-69	69-71	71-73						
RECEIVE		61-63	61-63	61-63	61-63						
MULTIPLIER											
PFE		1	2	3	4	5					
CUR. (AMPS)											
POINT NO.											
SEP. (n)		45.6	9.21	3.21	1.39						
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	2.369	2.315	2.017	1.747						
DRIFT	MCF	2.46	2.36	2.30	2.24	log					
S. P.											
NOISE		I = 300mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d 6.15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

PAGE 100-17

HEINRICHS GEOEX

SEND			61-63	63-65	65-67	67-69				
RECEIVE			53-55	53-55	53-55	53-55				
MULTIPLIER										
PFE			1-2	2-3	3-4	4-5				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV			4.10	1.90	1.23	.75				
DRIFT										
1.0 PFE	$K_n/1000$									
0.3 PFE	ρ_{CAL}		h=3							
0.1 PFE	PFE_c									
3.0 MV	$\rho/2\pi$		257.6	238.8	268.2	248.1				
DRIFT	MCF		2.41	2.38	2.43	2.39	log			
S. P.										
NOISE			I = 300	mA						
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.b. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING 37 N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

PAGE 100-18

HEINRICHS GEOEX

SEND			61-63	63-65	65-67	67-69					
RECEIVE			55-57	55-57	55-57	55-57					
MULTIPLIER											
PFE			1-2	2-3	3-4	4-5					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV			10.2	3.45	1.53	.446					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}		n=2								
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$		256.4	216.5	230.0	208.0					
DRIFT	MCF		2.41	2.34	2.36	2.32	109				
S. P.											
NOISE			I = 300 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA_____

LINE_____, HALF_____, SP._____, a = _____, BEARING_____

SENDER STA._____ = ELECTRODE NO._____, DATE_____

PAGE_____

SEND										
RECEIVE										
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV										
DRIFT										
1.0 PFE	K_n/1000									
0.3 PFE	ρ_{CAL}									
0.1 PFE	PFE_C									
3.0 MV	$\rho/2\pi$									
DRIFT	MCF									
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

PAGE 10-20

HEINRICHS GEOEX

SEND			67-61	65-67	63-65	61-63				
RECEIVE			75-77	75-77	75-77	75-77				
MULTIPLIER										
PFE			4-5	3-4	2-3	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV			2.85	1.55	.128	.465				
DRIFT										
1.0 PFE	$K_n/1000$									
0.3 PFE	ρ_{CAL}		n=3							
0.1 PFE	PFE_c									
3.0 MV	$\rho/2\pi$		179.1	194.9	161.2	163.6				
DRIFT	MCF		2.25	2.29	2.21	2.21	109			
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru ch. 15

LINE 15, HALF _____, SR. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

HEINRICHS GEOEX

SEND		67-69	65-67	63-65	61-63					
RECEIVE		73-75	73-75	73-75	73-75					
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV										
DRIFT										
1.0 PFE	K_n/1000									
0.3 PFE	ρ_{CAL}	n=2								
0.1 PFE	PFE_c									
3.0 MV	$\rho/2\pi$									
DRIFT	MCF	2.30	2.31	2.24	2.21					
S. P.										
NOISE		I=300 mA								
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

PAGE 100-23

HEINRICHS GEOEX

SEND	67-69	65-67	63-65	61-63						
RECEIVE	71-73	71-73	71-73	71-73						
MULTIPLIER										
PFE	4-5	3-4	2-3	1-2						
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	39.1	9.67	3.00	1.91						
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	245.7	243.0	188.5	177.2						
DRIFT MCF	2.39	2.39	2.28	2.25	log					
S. P.		7:700 mA								
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

PAGE 100-23

HEINRICHS GEOEX

SEND	63-67	63-65	61-63							
RECEIVE	67-71	69-71	69-71							
MULTIPLIER										
PFE	3-4	2-3	1-2							
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	49.3	9.16	5.25							
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	309.8	230.7	204.2							
DRIFT MCF	2.49	2.36	2.31	109						
S. P.										
NOISE	f=800mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru 4.15

LINE 15, HALF _____, SR. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

HEINRICHS GEOEX

SEND			57-59	59-61	61-63	63-65				
RECEIVE			49-51	49-51	49-51	49-51				
MULTIPLIER										
PFE			1	2	3	4				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV			4.73	2.38	1.20	.700				
DRIFT										
1.0 PFE	K_n/1000									
0.3 PFE	ρ_{CAL}		n=3							
0.1 PFE	PFE_c									
3.0 MV	$\rho/2\pi$		297.2	299.1	283.9	246.3				
DRIFT	MCF		2.47	2.48	2.42	2.39	109			
S. P.										
NOISE			I=300mA							
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 100-24

HEINRICHS GEOEX

SEND		57-59	59-61	61-63	63-65					
RECEIVE		51-53	51-53	51-53	51-53					
MULTIPLIER										
PFE		1-2		3-4	4-5					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV		10.2	4.20	1.45	1.01					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}		n=2								
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$		256.4	263.9	236.2	222.1					
DRIFT MCF		2.41	2.42	2.37	2.35	log				
S. P.										
NOISE		I = 300 mA								
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/41

PAGE 100-35

HEINRICHS GEOEX

SEND		57-59	59-61	61-63	63-65						
RECEIVE		53-55	53-55	53-55	53-55						
MULTIPLIER											
PFE		1-2	2-3	3-4	4-5						
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		4.6	11.5	4.6	1.57						
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	305.4	289.0	253.4	235.0						
DRIFT	MCF	2.48	2.46	2.40	2.37	109					
S. P.											
NOISE		I > 300 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/61

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HEINRICHS GEOEX

SEND			53-55	55-57	57-59	59-61				
RECEIVE			45-47	45-47	45-47	45-47				
MULTIPLIER										
PFE			m 1-2			4-5				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV			5.53	2.33	1.19	.751				
DRIFT										
1.0 PFE	$K_n/1000$									
0.3 PFE	ρ_{CAL}		n=3							
0.1 PFE	PFE_c									
3.0 MV	$\rho/2\pi$		347.5	292.9	261.7	264.2				
DRIFT	MCF		2.54	2.47	2.42	2.42	log			
S. P.										
NOISE		I=300 mA								
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO._____, AREA Lee Woods 15

LINE 15, HALF_____, SP._____, a = 100', BEARING N-S

SENDER STA._____ = ELECTRODE NO._____, DATE 3/20/91

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HEINRICHS GEOEX

SEND			35-55	55-57	57-59	59-61					
RECEIVE			47-49	47-49	47-49	47-49					
MULTIPLIER											
PFE			1-2	2-	3-4	4-5					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV			14.4	4.96	2.10	1.25					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}		11.2								
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$		216.0	205.4	276.2	204.9					
DRIFT	MCF		2.56	2.45	2.44	2.44	100				
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

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HEINRICHS GEOEX

SEND	59-55	65-57	57-59	59-61						
RECEIVE	49-81	49-51	49-51	49-51						
MULTIPLIER										
PFE	1-4	2-1	3-4	4-5						
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	73.8	12.7	4.71	2.28						
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	463.7	319.2	295.9	299.1						
DRIFT MCF	2.67	2.50	2.47	2.48	100					
S. P.										
NOISE		f=300								
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru dh. 15

LINE 15, HALF _____, SR. _____, a = 100', BEARING N-

SENDER STA. _____ = ELECTRODE NO. _____, DATE 2/20/51

PAGE 10-21

HEINRICHS GEOEX

SEND			49-51	51-53	53-55	55-57				
RECEIVE			41-43	41-43	41-43	41-43				
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV										
DRIFT										
1.0 PFE	K_n/1000									
0.3 PFE	ρ_{CAL}									
0.1 PFE	PFE_c									
3.0 MV	$\rho/2\pi$									
DRIFT	MCF									
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru 06 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

HEINRICHS GEOEX

SEND		47-51	51-53	53-55	55-57					
RECEIVE		43-45	43-45	43-45	43-45					
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV										
DRIFT										
1.0 PFE K_n/1000										
0.3 PFE ρ_{CAL}		n=2								
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$		287.4	345.0	276.5	330.9					
DRIFT MCF		2.46	2.39	2.44	2.36	100				
S. P.										
NOISE		I = 900 mA								
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Inc thru dh 15

LINE 15, HALF _____, SR. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

HEINRICHS GEOEX

SEND	49-51	51-53	53-55	55-57							
RECEIVE	45-47	45-47	45-47	45-47							
MULTIPLIER											
PFE	1	2	3	4							
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV	25.3	27.2	16.6	6.93							
DRIFT											
1.0 PFE K_n/1000											
0.3 PFE ρ_{CAL}											
0.1 PFE PFE_c											
3.0 MV $\rho/2\pi$	529.9	312.5	247.7	240.3							
DRIFT MCF	2.72	2.49	2.54	2.46	105						
S. P.											
NOISE	±.900 mV										
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru dh15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

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HEINRICHS GEOEX

SEND			45-47	47-49	49-51	51-53				
RECEIVE			37-39	37-39	37-39	37-39				
MULTIPLIER										
PFE			1-2	2-3	3-4	4-5				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV			16.1	6.67	3.61	1.97				
DRIFT										
1.0 PFE	$K_n/1000$									
0.3 PFE	ρ_{CAL}		n=3							
0.1 PFE	PFE_c									
3.0 MV	$\rho/2\pi$		337.2	279.4	264.6	231.1				
DRIFT	MCF		2.53	2.45	2.42	2.36	log			
S. P.										
NOISE			I=900 mA							
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO._____, AREA Line Hwy 24.15

LINE 15, HALF_____, SR._____, a = 100', BEARING N-S

SENDER STA._____ = ELECTRODE NO._____, DATE 3/21/81

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SEND		45.47	47.44	49.51	51.52						
RECEIVE		39-41	39.41	39.41	39-41						
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT		64.8									
1.0 PFE K_n/1000											
0.3 PFE ρ_{CAL}											
0.1 PFE PFE_c		543									
3.0 MV $\rho/2\pi$											
DRIFT MCF			2.58	2.54	2.48						
S. P.		2.73									
NOISE		I: 9/10 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h. 15

LINE 15, HALF _____, SR. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

HEINRICHS GEOEX

SEND		45-47	47-49	49-51	51-53						
RECEIVE		41-43	41-43	41-43	41-43						
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line three d.l. 15

LINE 15, HALF _____, SR. _____, a = 100, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 5/11/81

HEINRICHS GEOEX

SEND			41.43	43.05	45.47	47.49				
RECEIVE			35.35	33.36	33.34	33.35				
MULTIPLIER										
PFE			1.2	2.6	3.4	4.5				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV			1.20	1.10	2.96	2.15				
DRIFT										
1.0 PFE	K_n/1000									
0.3 PFE	ρ_{CAL}		n=3							
0.1 PFE	PFE_C									
3.0 MV	$\rho/2\pi$		272.3	256.5	240.3	252.2				
DRIFT	MCF		2.44	2.41	2.46	2.40	100			
S. P.										
NOISE			I=900	mA						
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND			41-43	43-45	45-47	47-49					
RECEIVE			35-37	35-37	35-37	35-37					
MULTIPLIER											
PFE			1-2	2-3	3-4	4-5					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV			46.1	11.9	6.40	3.07					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}		n=2								
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$		386.2	247.2	265.1	225.0					
DRIFT	MCF		2.59	2.40	2.43	2.35	log				
S. P.											
NOISE			I = 900 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line 16W d.b. 15

LINE 5, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

HEINRICHS GEOEX

SEND	41-43	42-45	43-47	47-49						
RECEIVE	37-37	37-37	37-39	37-39						
MULTIPLIER										
PFE	1	2	3-4	4-5						
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	3.71	4.94	16.3	6.73						
DRIFT										
1.0 PFE	K_n/1000									
0.3 PFE	ρ_{CAL}									
0.1 PFE	PFE_c									
3.0 MV	$\rho/2\pi$	3025	3921	3419	2817					
DRIFT	MCF	2.90	2.67	2.53	2.45					
S. P.		I=900mA								
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND		37-39	39-41	41-43	43-45		39-41	41-43	43-45		
RECEIVE		33-35	33-35	33-35	33-35		35-37	35-37	35-37		
MULTIPLIER											
PFE		1-2	2-3	3-4	4-5		2-3	3-4	4-5		
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		24.2	46.9	13.1	6.10		33.7	41.4	12.1		
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}	n=1					n=1				
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	517.3	392.9	274.4	255.5		390.5	397.1	255.4		
DRIFT	MCF	2.71	2.59	2.44	2.41	log	2.91	2.60	2.40		
S. P.											
NOISE			I=400 mA				I=900 mA				
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA line thru db 15

LINE 15, HALF_____, SR._____, a = 100', BEARING N5

SENDER STA._____ = ELECTRODE NO._____, DATE 3/21/21

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HEINRICHS GEOEX

SEND										
RECEIVE										
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV										
DRIFT										
1.0 PFE	K_n/1000									
0.3 PFE	ρ_{CAL}									
0.1 PFE	PFE_C									
3.0 MV	$\rho/2\pi$									
DRIFT	MCF									
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 13

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/31/81

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HEINRICHS GEOEX

SEND			91-93	93-95	95-97	97-99				
RECEIVE			83-85	83-85	83-85	83-85				
MULTIPLIER										
PFE			1-2	2-3	3-4	4-5				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV			.48	.488	.235	.176				
DRIFT										
1.0 PFE	$K_n/1000$									
0.3 PFE	ρ_{CAL}		n=3							
0.1 PFE	PFE_c									
3.0 MV	$\rho/2\pi$		93.0	61.3	49.5	61.9				
DRIFT	MCF		1.97	1.79	1.69	1.79	1.69			
S. P.										
NOISE			t=300 mA							
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Inc thru 24.15

LINE 15, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/91

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HEINRICHS GEOEX

SEND		91-93	93-95	95-97	97-99					
RECEIVE		85-87	85-87	85-87	85-87					
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV										
DRIFT										
1.0 PFE K_n/1000		n=7								
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_C										
3.0 MV $\rho/2\pi$		1204	691	466	567					
DRIFT MCF		2.10	1.84	1.67	1.75	109				
S. P.		I=300 mA								
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dh. 15

LINE _____, HALF _____, SP. _____, a = 100', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/24/81

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HEINRICHS GEOEX

SEND		91-93	93-95	95-97	97-99						
RECEIVE		87-89	87-89	87-89	87-89						
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		31.1	3.77	.748	.412						
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	195.4	94.8	47.0	51.8						
DRIFT	MCF	2.29	1.99	1.67	1.71	1.04					
S. P.											
NOISE		I = 300 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA_____

LINE 15, HALF_____, SR._____, a = _____, BEARING_____

SENDER STA._____ = ELECTRODE NO._____, DATE_____

PAGE_____

HEINRICHS GEOEX

SEND											
RECEIVE											
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

pgs. 500-557
line 15
50' dipoles

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line three 2.4.15

LINE 15, HALF _____, SR. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

HEINRICHS GEOEX

SEND		84-85	83-84	82-83	81-82	80-81					
RECEIVE		87-88	87-88	87-88	87-88	87-88					
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}	n=2									
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF	2.67	2.34	2.17	2.12	2.08	log				
S. P.											
NOISE		I=300mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.b. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

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HEINRICHS GEOEX

SEND		84-85	83-84	82-83	81-82	80-81	79-80				
RECEIVE		86-87	86-87	86-87	86-87	86-87	86-87				
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	4-5	[illegible]				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		4.26	[illegible]	[illegible]	2.54	1.30	.237				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	133.8	207.9	175.0	159.6	142.9	133.7				
DRIFT	MCF	3.12	2.49	2.24	2.20	2.16	2.11	1.09			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

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HEINRICHS GEOEX

SEND		83-84	82-83	81-82	80-81	79-80	78-79				
RECEIVE		85-86	85-86	85-86	85-86	85-86	85-86				
MULTIPLIER											
PFE		7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		24.7	18.2	5.93	2.63	1.36	.695				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1096	228.7	186.3	165.2	149.5	122.3				
DRIFT	MCF	3.04	2.36	2.27	2.22	2.17	2.09	log			
S. P.											
NOISE			I 300 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

PAGE 504

HEINRICHS GEOEX

SEND	82-83	81-82	80-81	77-80	78-79	77-78				
RECEIVE	84-85	84-85	84-85	84-85	84-85	84-85				
MULTIPLIER										
PFE	6-7	3-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)						.790				
H. F. MV	[illegible]	[illegible]	[illegible]	2.86	1.3	[illegible]				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	691.2	252.6	198.5	179.7	145.1	139.0				
DRIFT MCF	2.84	2.40	2.30	2.25	2.16	2.14	log			
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thirds 15

LINE 15, HALF _____, SR. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 2/13/81

HEINRICHS GEOEX

SEND		81-82	80-81	79-80	78-79	77-78					
RECEIVE		82-84	82-84	80-84	82-84	82-84					
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE		T=300									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line Thru 24, 13

LINE 15, HALF _____, SR. _____, a = Ø 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/21

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HEINRICHS GEOEX

SEND	74-75	73-74	72-73	71-72	70-71	69-70					
RECEIVE	72-73	72-73	72-73	72-73	72-73	72-73					
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	2516	2741	2345	2501	1990	1282				
DRIFT	MCF	2.41	2.44	2.41	2.40	2.30	2.27	100			
S. P.											
NOISE	I=300										
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB No. _____, AREA _____

LINE 15, HALF _____, SP. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE No. _____, DATE 3/18/91

PAGE 5C7

HEINRICHS GEOEX

SEND											
RECEIVE											
MULTIPLIER		7-8									
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF	2.47	2.35	2.29	2.27	2.17	2.14				
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

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HEINRICHS GEOEX

SEND	79-80	78-79	77-78	76-77	75-76	74-75				
RECEIVE	81-82	81-82	81-82	81-82	81-82	81-82				
MULTIPLIER										
PFE	7-8	6-7	5-6	4-5	3-4	2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	76	13.3	7.49	3.01	1.57	.592				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	239.7	230.0	235.8	189.1	172.6	148.1				
DRIFT MCF	2.38	2.36	2.37	2.28	2.24	2.17	log			
S. P.										
NOISE	I = 200 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

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HEINRICHS GEOEX

SEND		78-79	77-78	76-77	75-76	74-75	73-74				
RECEIVE		80-81	80-81	80-81	80-81	80-81	80-81				
MULTIPLIER											
PFE		1-7	2-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		97.1	21.2	7.25	3.27	1.64	1.1				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	244.1	266.4	227.8	211.7	180.3	193.5				
DRIFT	MCF	2.39	2.43	2.36	2.33	2.26	2.29	log			
S. P.		300 mv									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/18/81

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HEINRICHS GEOEX

SEND		77-74	76-77	75-76	74-75	73-74					
RECEIVE		79-80	79-80	79-80	79-80	79-80	74				
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		6.71	10.6	7.65	3.36	2.04					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	273.6	246.3	240.3	211.1	224.3					
DRIFT	MCF	2.44	2.39	2.38	2.32	2.35	109				
S. P.											
NOISE		I = 300 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru dn. 15

LINE 15, HALF _____, SP. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

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HEINRICHS GEOEX

SEND	70-71	71-72	72-73	73-74	74-75	75-76				
RECEIVE	68-69	68-69	68-69	68-69	68-69	68-69				
MULTIPLIER										
PFE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	24.0	19.6	6.21	3.37	1.54	1.50				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	233.3	246.3	215.8	211.7	169.3	175.9				
DRIFT MCF	2.37	2.39	2.33	2.33	2.23	2.25	log			
S. P.										
NOISE	T=3000 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thrud. h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

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HEINRICHS GEOEX

SEND	76-77	75-76	74-75	73-74	72-73	71-72				
RECEIVE	78-79	78-79	78-79	78-79	78-79	78-79				
MULTIPLIER										
PFE	8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	77.6	18.6	6.95	3.78	1.78	1.06				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	243.8	233.7	217.7	237.5	195.7	186.5				
DRIFT MCF	2.39	2.37	2.34	2.38	2.29	2.27	log			
S. P.										
NOISE	I-300mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h.15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

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HEINRICHS GEOEX

SEND		75-76	74-75	73-74	72-73	71-72	70-71				
RECEIVE		77-78	77-78	77-78	77-78	77-78	77-78				
MULTIPLIER											
PFE		7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)		86.6									
H. F. MV		86.6	20.0	9.30	3.89	2.11	1.10				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	272.1	251.3	292.2	244.4	232.0	193.5				
DRIFT	MCF	2.43	2.40	2.47	2.39	2.37	2.29	log			
S. P.											
NOISE		I = 300 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru el. 6.15

LINE 15, HALF _____, SR. _____, a = 525, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

HEINRICHS GEOEX

SEND		74-75	73-74	72-73	71-72	70-71	69-70				
RECEIVE		76-77	76-77	76-77	76-77	76-77	76-77				
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF	2.39	2.46	2.40	2.39	2.30	2.28				
S. P.											
NOISE		I=200mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.b. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

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HEINRICHS GEOEX

SEND	73-74	72-73	71-72	70-71	69-70					
RECEIVE	75-76	75-76	75-76	75-76	75-76					
MULTIPLIER										
PFE	5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)										
POINT NO.										
SEP. (n)		21.2	8.56							
H. F. MV	79.1	~~[illegible]~~	~~[illegible]~~	3.55	1.88					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	311.3	266.4	269.9	223.1	206.7					
DRIFT MCF	2.49	2.43	2.43	2.35	2.32	log				
S. P.										
NOISE	I = 200 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50°, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

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HEINRICHS GEOEX

SEND		66-67	67-68	68-69	69-70	70-71	71-72				
RECEIVE		64-65	64-65	64-65	64-65	64-65	64-65				
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		128	21.1	7.95	3.43	1.89	1.14				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	402.1	265.2	246.6	246.9	207.8	200.6				
DRIFT	MCF	2.60	2.42	2.39	2.39	2.32	2.30	log			
S. P.											
NOISE		I 300 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

PAGE 517

HEINRICHS GEOEX

SEND	72-73	71-72	70-71	69-70	68-69	67-68				
RECEIVE	74-75	74-75	74-75	74-75	74-75	74-75				
MULTIPLIER										
PFE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	81.2	20.5	6.95	3.24	1.55	1.01				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	255.4	257.6	219.3	203.6	170.4	177.7				
DRIFT MCF	2.41	2.41	2.34	2.31	2.23	2.25				
S. P.										
NOISE	I-300 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line third h. 15

LINE 15, HALF _____, SP. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

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HEINRICHS GEOEX

SEND		71-72	70-71	69-70	68-69	67-68	66-67				
RECEIVE		73-74	73-74	73-74	73-74	73-74	73-74				
MULTIPLIER											
PFE		2-3	4-5	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1.1	21.4	8.10	3.39	2.19	1.23				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	345.7	268.4	254.5	213.0	226.0	216.4				
DRIFT	MCF	2.54	2.43	2.41	2.33	2.34	2.34	hg.			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

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HEINRICHS GEOEX

SEND		70-71	69-70	68-69	67-68	66-67	65-66				
RECEIVE		72-73	72-73	72-73	72-73	72-73	72-73				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		10.2	20.3	6.91	3.61	1.99	1.22				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	220.4	255.1	217.1	226.8	218.8	214.6				
DRIFT	MCF	2.51	2.41	2.34	2.36	2.34	2.33	log			
S. P.											
NOISE		T = 300	mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line Third 6.15

LINE 15, HALF _____, SR. _____, α = 50°, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

HEINRICHS GEOEX

SEND		69-70	69-69	67-68	66-67	65-66					
RECEIVE		71-72	71-72	71-72	71-72	71-72					
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		106	104	8.09	4.17	2.33					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	233.0	245.7	269.4	262.0	266.2					
DRIFT	MCF	2.52	2.40	2.43	2.43	2.41	log				
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru db. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING W-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/01

HEINRICHS GEOEX

SEND	68-69	7-67	66-67	65-66	64-65	63-64					
RECEIVE	70-71	70-71	70-71	70-71	70-71	70-7					
MULTIPLIER											
PFE	8-9	7-8	6-7	5-6	4-5	3-4					
CUR. (AMPS)											
POINT NO.											
SEP. (n)		21.4									
H. F. MV	73.9	21.4	8.53	4.21	1.90	1.19					
DRIFT											
1.0 PFE K_n/1000											
0.3 PFE ρ_{CAL}											
0.1 PFE PFE_c											
3.0 MV $\rho/2\pi$	2310	2649	2730	2645	2067	2094					
DRIFT MCF	2.37	2.43	2.43	2.42	2.32	2.32					
S. P.											
NOISE	I=30mA										
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE ~~[illegible]~~ 3/20/81

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HEINRICHS GEOEX

SEND		67-68	66-67	65-66	64-65	63-65	62-63				
RECEIVE		69-70	69-70	69-70	69-70	69-70	69-70				
MULTIPLIER											
PFE		7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		139	25.7	9.86	3.90	2.17	1.20				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	433.5	333.0	309.8	245.0	233.6	211.1				
DRIFT	MCF	2.64	2.51	2.49	2.29	2.38	2.32	log			
S. P.											
NOISE		T = 300 mA									
POT RES.											
CULT & CMTS											

Note: it rained lightly last night

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

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HEINRICHS GEOEX

SEND	66-67	65-66	64-65	63-64	62-63	61-62				
RECEIVE	68-69	68-69	68-69	68-69	68-69	68-69				
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	3.15	26.9	7.65	3.78	1.41	1.19				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	999.0	338.0	240.3	237.5	210.0	289.4				
DRIFT MCF	3.00	2.53	2.38	2.38	2.32	2.32	109			
S. P.										
NOISE	I = 300 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 524

HEINRICHS GEOEX

SEND	65-66	64-65	63-64	62-63	61-62					
RECEIVE	67-68	67-68	67-68	67-68	67-68					
MULTIPLIER										
PFE	5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	326	30.9	8.49	3.85	2.18					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	1024	262.6	266.1	241.9	239.7					
DRIFT MCF	3.01	2.42	2.43	2.38	2.38	109				
S. P.										
NOISE	T=300mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru 6-15

LINE 15, HALF _____, SR. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

HEINRICHS GEOEX

SEND	62-63	63-64	64-65	65-66	66-67	67-68					
RECEIVE	60-61	60-61	60-61	60-61	60-61	60-61					
MULTIPLIER											
PFE	2	3	4	5	6	7					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV	9.32	22.0	2.39	4.51	2.24	1.30					
DRIFT											
1.0 PFE K_n/1000											
0.3 PFE ρ_{CAL}											
0.1 PFE PFE_C											
3.0 MV $\rho/2\pi$	272.5	276.5	260.6	283.4	246.3	223.7					
DRIFT MCF	2.47	2.44	2.42	2.45	2.39	2.36	log				
S. P.											
NOISE	I=700 #1										
POT RES.											
CULT & CMTS											

Wash channel between 60-62

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 526

HEINRICHS GEOEX

SEND		58-59	59-60	60-61	61-62	62-63	63-64				
RECEIVE		56-57	56-57	56-57	56-57	56-57	56-57				
MULTIPLIER											
PFE		2-1	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		450	46.1	4.60	4.32	2.08	1.25				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	141.4	579.3	301.6	271.4	228.7	216.4				
DRIFT	MCF	3.15	2.76	2.48	2.43	2.36	2.34	log			
S. P.											
NOISE		I = 300 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h.15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 527

HEINRICHS GEOEX

SEND		64-65	63-64	62-63	61-62	60-61	59-60				
RECEIVE		66-67	66-67	66-67	66-67	66-67	66-67				
MULTIPLIER											
PFE		8.9	7.9	6.7	5.6	4.5	3.4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		128	22.8	9.25	4.17	2.27	1.27				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	402.1	286.5	259.2	262.0	249.6	223.4				
DRIFT	MCF	2.60	2.46	2.41	2.42	2.40	2.35	log			
S. P.											
NOISE		I = 300 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.b. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 528

HEINRICHS GEOEX

SEND	63-64	62-63	61-62	60-61	59-60	58-59				
RECEIVE	65-66	65-66	65-66	65-66	65-66	65-66				
MULTIPLIER										
PFE	2-8	6-7	5-6	4-5	[illegible]	2-3				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	172	23.5	7.43	4.53	2.28	1.36				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	540.4	295.5	296.3	284.6	250.7	239.3				
DRIFT MCF	2.73	2.47	2.47	2.45	2.40	2.38	log			
S. P.										
NOISE	I = 300 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 529

HEINRICHS GEOEX

SEND		62-63	61-62	60-61	59-60	58-59	57-58				
RECEIVE		64-65	64-65	64-65	64-65	64-65	64-65				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		171	22.0	8.42	3.73	2.02	1.20				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	537.2	276.5	264.5	234.4	222.1	211.1				
DRIFT	MCF	2.73	2.44	2.42	2.37	2.35	2.32	log			
S. P.											
NOISE		I = 300mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 530

HEINRICHS GEOEX

SEND	61-62	60-61	59-60	58-59	57-58					
RECEIVE	63-64	63-64	63-64	63-64	63-64					
MULTIPLIER										
PFE	5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	148	22.1	5.04	2.89	2.12					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	465.0	277.1	252.6	244.4	233.1					
DRIFT MCF	2.67	2.44	2.40	2.39	2.37	log				
S. P.										
NOISE	I = 300 μA									
POT RES.										
CULT & CMTS										

A

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 527-1

HEINRICHS GEOEX

SEND		54-55	55-56	56-57	57-58	58-59	59-60				
RECEIVE		52-53	52-53	52-53	52-53	52-53	52-53				
MULTIPLIER											
PFE		2-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		502	20.2	7.16	3.86	2.28	1.45				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	15.77	255.1	224.9	242.5	250.7	255.1				
DRIFT	MCF	3.20	2.41	2.35	2.38	2.40	2.41	log			
S. P.											
NOISE			f = 300 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA Line No. ch. 15

LINE 15, HALF_____, SR._____, a = 50, BEARING N-S

SENDER STA._____ = ELECTRODE NO._____, DATE 3/20/81

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HEINRICHS GEOEX

SEND		60-61	59-60	58-59	57-58	56-57	55-56				
RECEIVE		62-63	62-63	62-63	62-63	62-63	62-63				
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)		95.0	19.7	8.02	3.94	2.10	1.34				
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	208.5	247.6	252.0	247.6	230.9	235.7				
DRIFT	MCF	2.47	2.39	2.40	2.39	2.36	2.37	1.09			
S. P.											
NOISE		I=300mA									
POT RES.											
CULT & CMTS											

A

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = ~~[illegible]~~ 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 529

HEINRICHS GEOEX

SEND		59-60	58-59	57-58	56-57	55-56	54-55				
RECEIVE		61-62	61-62	61-62	61-62	61-62	61-62				
MULTIPLIER											
PFE		2-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		19.3	21.7	19.10	4.35	2.48	1.81				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	249.1	272.7	285.9	272.3	272.7	319.4				
DRIFT	MCF	2.40	2.44	2.46	2.44	2.44	2.50				
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

A

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru dh. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 530

HEINRICHS GEOEX

SEND		58-59	57-58	56-57	55-56	54-55	53-54				
RECEIVE		60-61	60-61	60-61	60-61	60-61	60-61				
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		100.5	25.1	7.66	8.74	3.66	1.16				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	315.7	315.4	304.1	297.8	336.5	204.1				
DRIFT	MCF	2.50	2.50	2.48	2.47	2.53	2.31	log			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dh 15

LINE 15, HALF _____, SP. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 531

HEINRICHS GEOEX

SEND		57-58	56-57	55-56	54-55	53-54					
RECEIVE		59-60	59-60	59-60	59-60	59-60					
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)			46.9								
H. F. MV		377	[illegible]	11.3	5.52	1.51					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1154	589.4	355	346.8	205.6					
DRIFT	MCF	3.07	2.77	2.55	2.54	2.31	log.				
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

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HEINRICHS GEOEX

SEND		50-51	51-52	52-53	53-54	54-55	55-56				
RECEIVE		48-49	48-49	48-49	48-49	48-49	48-49				
MULTIPLIER											
PFE		3-3	2-4	4-8	15-36	36-11	8-9				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1160	142	31.8	14.0	13.1	5.50				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1215	594.8	335.0	293.2	480.1	322.5				
DRIFT	MCF	3.08	2.77	2.52	2.47	2.68	2.51	log			
S. P.											
NOISE		I=900 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Ins thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 532

HEINRICHS GEOEX

SEND		56-57	55-56	54-55	53-54	52-53	51-52				
RECEIVE		58-59	58-59	58-59	58-59	58-59	58-59				
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	5-6	4-5	2-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1350	124	22.9	9.43	6.71	4.77				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1414	519.4	344.5	197.5	245.9	279.7				
DRIFT	MCF	3.15	2.72	2.54	2.30	2.39	2.45	[illegible]			
S. P.											
NOISE		I = 90 [illegible] A									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dh. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N5

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/20/81

PAGE 534

HEINRICHS GEOEX

SEND		55-56	54-55	53-54	52-53	51-52	50-51				
RECEIVE		57-55	57-58	57-58	57-58	57-58	57-58				
MULTIPLIER											
PFE		7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1090	87.3	17.9	11.4	7.45	4.95				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1141	365.7	157.4	238.8	273.1	290.3				
DRIFT	MCF	3.06	2.56	2.27	2.38	2.44	2.46	log			
S. P.											
NOISE		T=960 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dip 15

LINE 15, HALF _____, SP. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/26/51

PAGE 535

HEINRICHS GEOEX

SEND	54-55	53-54	52-53	51-52	50-51	49-51				
RECEIVE	56-57	56-57	56-57	56-57	56-57	56-57				
MULTIPLIER										
PFE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	470.2	161.3	222.0	259.7	281.5	287.9				
DRIFT MCF	2.67	2.21	2.25	2.41	2.45	2.47	1.0			
S. P.										
NOISE	I = 900mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO._____, AREA_____

LINE_____, HALF_____, SR._____, a = _____, BEARING_____

SENDER STA._____ = ELECTRODE NO._____, DATE_____

PAGE_____

HEINRICHS GEOEX

SEND											
RECEIVE											
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.b. 15

LINE 15, HALF _____, SP. _____, a = ~~[illegible]~~ 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

PAGE 537

HEINRICHS GEOEX

SEND		46-47	47-48	48-49	49-50	50-51	51-52				
RECEIVE		44-45	44-45	44-45	44-45	44-45	44-45				
MULTIPLIER											
PFE		2-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		6.91	11.3	24.6	12.4	6.27	3.51				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	723.6	473.3	257.6	259.7	229.9	223.4				
DRIFT	MCF	2.46	2.68	2.41	2.41	2.36	2.35	100			
S. P.											
NOISE			T=900 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

PAGE 538

HEINRICHS GEOEX

SEND		52-53	51-52	50-51	49-50	49-49	47-48				
RECEIVE		54-55	54-55	54-55	54-55	54-55	54-55				
MULTIPLIER											
PFE		8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1510	175	52.3	20.3	12.9	8.07				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1581.3	733.0	558.2	529.9	472.8	473.2				
DRIFT	MCF	3.20	2.87	2.75	2.72	2.67	2.68	log			
S. P.											
NOISE			I = 900 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dih. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/51

PAGE 539

HEINRICHS GEOEX

SEND		51-52	50-51	49-50	48-49	47-48	46-47				
RECEIVE		53-54	53-54	53-54	53-54	53-54	53-54				
MULTIPLIER											
PFE		7-8	7-8	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		603	105	33.4	15.9	7.79	4.68				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	725.7	439.8	349.8	291.1	285.5	274.4				
DRIFT	MCF	2.86	2.64	2.54	2.46	2.46	2.44	100			
S. P.											
NOISE			I = 900 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dih. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

PAGE 540

HEINRICHS GEOEX

SEND		50-51	49-50	48-49	47-48	46-47	45-46				
RECEIVE		52-53	52-53	52-53	52-53	52-53	52-53				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		721	115	21.0	14.2	7.79	4.85				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	755.0	481.7	324.6	297.4	285.5	284.4				
DRIFT	MCF	2.88	2.68	2.51	2.47	2.46	2.45	los			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND	49-50	45-49	47-48	46-47	45-46					
RECEIVE	51-52	51-52	51-52	51-52	51-52					
MULTIPLIER										
PFE	3-6	4-3	3-4	3-3	1-2					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	1190	140	35.5	15.7	8.70					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	1246	586.4	371.8	328.8	319.9					
DRIFT MCF	3.10	2.77	2.57	2.52	2.50	log				
S. P.										
NOISE	I=900 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND		42-43	43-44	44-45	45-46	46-47	47-48				
RECEIVE		40-41	40-41	40-41	40-41	40-41	40-41				
MULTIPLIER											
PFE		3-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1510	802	577	845	15.4	8.35				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1581	1265	694.2	722.6	564.4	489.7				
DRIFT	MCF	3.20	3.10	2.78	2.86	2.75	2.69	log			
S. P.											
NOISE			I = 900 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND		48-49	47-48	46-47	45-46	44-45	43-44				
RECEIVE		50-51	50-51	50-51	50-51	50-51	50-51				
MULTIPLIER											
PFE		8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1170	143	36.5	16.0	6.27	5.54				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1225	599.0	382.6	335.1	229.8	324.9				
DRIFT	MCF	3.09	2.78	2.58	2.53	2.36	2.51	100			
S. P.											
NOISE			7.900	1							
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/71

HEINRICHS GEOEX

SEND		47-48	46-47	45-46	44-45	43-44	42-43				
RECEIVE		47.50	46.56	49.56	49.50	49.50	49.50				
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1330	154	100.1	12.4	7.94	5.10				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1397	645.1	422.0	259.7	208.3	209.1				
DRIFT	MCF	3.14	2.91	2.63	2.41	2.56	2.48	1.06			
S. P.											
NOISE			1-900	0.1							
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA lines thru dh.15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND	46-47	45-46	44-45	43-44	42-43	41-42				
RECEIVE	48-49	48-49	48-49	48-49	48-49	48-49				
MULTIPLIER										
PFE	6-7	8-6	9-5	3-1	2-2	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	96.7	42.6	24.6	16.4	7.65	4.28				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	1034	527.8	257.6	243.5	280.4	251.0				
DRIFT MCF	3.01	2.72	2.41	2.54	2.45	2.40				
S. P.										
NOISE		T=900 mA								
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dh-15

LINE 15, HALF _____, SP. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND	43-46	44-45	42-44	42-43	41-42					
RECEIVE	47-48	47-49	47-48	47-48	47-49					
MULTIPLIER										
PFE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	[illegible]	115	52.4	15.0	[illegible]					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	[illegible]	461.7	[illegible]	[illegible]	[illegible]					
DRIFT MCF	3.15	2.68	2.74	2.58	2.50		1.09			
S. P.		I=900 mA								
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING NAS

SENDER STA. _____ = ELECTRODE NO. _____, DATE 2/21/81

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HEINRICHS GEOEX

SEND		38-39	39-40	40-41	41-42	42-43	43-44				
RECEIVE		36-37	36-37	36-37	36-37	36-37	36-37				
MULTIPLIER											
PFE		2-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		7.47	2.20	91.2	24.6	10.8	5.77				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	75.2	921.5	955.0	515.2	345.5	338.4				
DRIFT	MCF	2.49	2.96	2.98	2.71	2.60	2.53	log			
S. P.											
NOISE		I = 900	mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dh. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

PAGE 548

HEINRICHS GEOEX

SEND	44-45	43-44	42-43	41-42	40-41	39-40				
RECEIVE	46-47	46-47	46-47	46-47	46-47	46-47				
MULTIPLIER										
PFE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	[illegible]	[illegible]	510.0	379.1	368.1	[illegible]				
DRIFT MCF	2.86	2.94	2.71	2.58	2.75	2.51	log			
S. P.										
NOISE	T = 900 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND		43-44	42-43	41-42	40-41	39-40	38-39				
RECEIVE		45-46	45-46	45-46	45-46	45-46	45-46				
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1131	749.8	515.2	723	377.5	371.2				
DRIFT	MCF	3.05	2.87	2.71	2.87	2.58	2.57	109			
S. P.											
NOISE		[illegible] mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA _____

LINE _____, HALF _____, SP. _____, a = _____, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE _____

PAGE _____

HEINRICHS GEOEX

SEND		42-43	41-42	40-41	39-40	38-39	37-38				
RECEIVE		44-45	44-45	44-45	44-45	44-45	44-45				
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF	2.72	2.63	2.79	2.46	2.43	2.38	109			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND	41-42	40-41	39-40	38-39	37-38					
RECEIVE	43-44	43-44	43-44	43-44	43-44					
MULTIPLIER										
PFE	5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	241	304	54.5	33.3	10.7					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c					392.2					
3.0 MV $\rho/2\pi$	776.0	1273	570.7	488.0	72.7					
DRIFT MCF	2.89	3.10	2.76	2.69	2.59	log				
S. P.										
NOISE	I=900	mA								
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND		40-41	39-40	38-39	37-38	36-37	35-36				
RECEIVE		42-43	42-43	42-43	42-43	42-43	42-43				
MULTIPLIER											
PFE		1-2	2-3	3-4	4-5	5-6	6-7				
CUR. (AMPS)											
POINT NO.											
SEP. (n)				69.7							
H. F. MV		1470	200	[illegible]	24.6	10.9	4.19				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1039	837.8	729.9	502.7	399.5	245.7				
DRIFT	MCF	3.19	2.92	2.86	2.70	2.60	2.39	log			
S. P.											
NOISE		I = 900	mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.4.15

LINE 15, HALF _____, SR. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND		39-40	38-39	37-38	36-37	35-36	34-35				
RECEIVE		41-42	41-42	41-42	41-42	41-42	41-42				
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru db 15

LINE 15, HALF _____, SP. _____, a = 50, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND		38-39	37-38	36-37	35-36	34-35					
RECEIVE		40-41	40-41	40-41	40-41	40-41					
MULTIPLIER											
PFE		3-4	4-5	5-6	6-7	7-8					
CUR. (AMPS)											
POINT NO.											
SEP. (n)				91.5							
H. F. MV		1190	21.6	8.6	25.5	11.6					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1246	1114	958.2	534.1	415.2					
DRIFT	MCF	3.10	3.05	2.98	2.73	2.63	109				
S. P.											
NOISE		I = 90 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA_____

LINE_____, HALF_____, SP._____, a = _____, BEARING_____

SENDER STA._____ = ELECTRODE NO._____, DATE_____

PAGE_____

HEINRICHS GEOEX

SEND										
RECEIVE										
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV										
DRIFT										
1.0 PFE	K_n/1000									
0.3 PFE	ρ_{CAL}									
0.1 PFE	PFE_C									
3.0 MV	$\rho/2\pi$									
DRIFT	MCF									
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line through 15

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/21/81

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HEINRICHS GEOEX

SEND		35-36	36-37	37-38	38-39	39-40	40-41				
RECEIVE		33-34	33-34	33-34	33-34	33-34	33-34				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		360	77.2	46.5	17.9	7.63	7.51				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	377.0	407.2	486.9	374.9	353.0	458.0				
DRIFT	MCF	2.58	2.61	2.69	2.57	2.55	2.66	109			
S. P.											
NOISE		f = 900 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA Line thru d & 15

LINE_____, HALF_____, SR._____, a = 50', BEARING N-S

SENDER STA._____ = ELECTRODE NO._____, DATE 2/21/81

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HEINRICHS GEOEX

SEND		36-37	37-38	38-39	39-40	40-41		37-34	38-35	39-40	40-41
RECEIVE		34-35	34-35	34-35	34-35	34-35		35-36	35-36	35	35-3
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF	2.63	2.77	2.63	2.58	2.63		2.88	2.78	2.73	2.7
S. P.											
NOISE		T=90 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB No. _____, AREA E-W line through D.H 20

LINE 20, HALF _____, SP. _____, a = 50', BEARING E-W

SENDER STA. _____ = ELECTRODE No. _____, DATE 3/2/81

HEINRICHS GEOEX

SEND	87-89	89-91	91-93	93-95						
RECEIVE	85-83	85-83	85-83	95-88						
MULTIPLIER										
PFE	3-4	4-5	5-6	6-7						
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	7.59	6.36	2.25	1.11						
DRIFT										
1.0 PFE K_n/1000										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	169.2	119.1	110.7	104.6						
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through O.H. 20

LINE 20, HALF _____, SR. _____, a = 50', BEARING E-W

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/2/81

HEINRICHS GEOEX

SEND		89-91	91-93	93-95							
RECEIVE		85-91	85-87	85-87							
MULTIPLIER											
PFE		4-5	5-6	6-7							
CUR. (AMPS)											
POINT NO.											
SEP. (n)				2.28							
H. F. MV		44.4	6.52	7.8							
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	204.2	123.1	107.4							
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA E-W line through D.H. 20

LINE 20, HALF_____, SR._____, a = 50', BEARING E-W

SENDER STA._____ = ELECTRODE NO._____, DATE 3/2/81

HEINRICHS GEOEX

SEND	93-95	91-93	89-91	87-89	85-87	83-85				
RECEIVE	97-99	97-99	97-99	97-99	97-99	97-99				
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	5.64	6.57	2.27	1.12	.625	.348				
DRIFT										
1.0 PFE K_n/1000										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_C										
3.0 MV $\rho/2\pi$	261	124.2	107.9	105.6	101.1	91.8				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 20

LINE 20, HALF _____, SR. _____, a = 50', BEARING E-W

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/2/81

HEINRICHS GEOEX

SEND		91-93	89-91	87-89	85-87	83-85	81-83			
RECEIVE	~~91-93~~	95-97	95-97	95-97	95-97	95-97	95-97			
MULTIPLIER										
PFE		6-7	5-6	4-5	3-4	2-3	1-2			
CUR. (AMPS)										
POINT NO.										
SEP. (n)			7.41							
H. F. MV		72.2	~~74.0~~	2.51	1.25	.622	.419			
DRIFT										
1.0 PFE K_n/1000										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c			139.7							
3.0 MV $\rho/2\pi$		42.1	~~[illegible]~~	118.3	117.8	102.6	110.6			
DRIFT MCF										
S. P.										
NOISE			2							
POT RES.			↑							
CULT & CMTS										

Note - Stakes 94 and 95 were transposed, corrected

I. P. RECEIVER NOTES, JOB NO._____, AREA E-W line through BH 20

LINE 20, HALF_____, SR._____, a = 50', BEARING E-W

SENDER STA._____ = ELECTRODE NO._____, DATE 2/2/81

HEINRICHS GEOEX

SEND	89-91	87-89	85-87	83-85	81-83	79-81					
RECEIVE	93-95	93-95	93-95	93-95	93-95	93-95					
MULTIPLIER											
PFE	6-7	5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV	65.2	4.55	2.35	1.11	.614	.342					
DRIFT											
1.0 PFE K_n/1000											
0.3 PFE ρ_{CAL}											
0.1 PFE PFE_c											
3.0 MV $\rho/2\pi$	307.2	124.0	110.7	104.6	101.3	90.5					
DRIFT MCF											
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through O-H 20

LINE 20, HALF _____, SR. _____, a = 50', BEARING E-W

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/2/81

HEINRICHS GEOEX

SEND		87-89	85-87	93-95	81-83	79-81					
RECEIVE		91-93	91-93	91-93	91-93	91-93					
MULTIPLIER											
PFE		6-6	4-5	2-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		60.1	6.78	2.36	1.15	.617					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	2632	1240	1112	1112	1018					
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H.19

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LINE 19, HALF _____, SP. _____, a = 50', BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/2/81

HEINRICHS GEOEX

SEND		83-85	85-87	87-89	89-91	91-93	93-95				
RECEIVE		79-81	79-81	79-81	79-81	79-81	79-81				
MULTIPLIER											
PFE		1-2	2-3	3-4	4-5	5-6	6-7				
CUR. (AMPS)											
POINT NO.						I = 300 amps					
SEP. (n)						.413/1.5 = .239					
H. F. MV		38.5	3.79	1.4	.607	.275	.159				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	151.4	11.4	66.0	51.2	45.4	42.05				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 19

LINE 19, HALF _____, SP. _____, a = 50', BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/2/81

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HEINRICHS GEOEX

SEND		85-87	87-89	89-91	91-93	95-93	93-95				
RECEIVE		81-83	81-83	81-83	81-83	81-83	81-83				
MULTIPLIER											
PFE		2-3	3-4	4-5	5-6	6-7					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		52.1	4.6	1.52	.578	.797					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	248.3	86.7	71.6	59.6	41.0					
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. [illegible], AREA E-W line through D.H. 19

LINE 19, HALF ____, SP. [illegible], a = 50'bs, BEARING 86° W of N

SENDER STA. PA = ELECTRODE NO. [illegible], DATE 3/2/87

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HEINRICHS GEOEX

SEND	87-89	89-91	91-93	93-95		89-91	91-93	93-95		
RECEIVE	83-85	83-85	83-85	83-85		85-87	85-87	85-87		
MULTIPLIER										
PFE	3-4	4-5	5-6	6-7		4-5	5-6	6-7		
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	51.5	5.32	1.51	.65		78.3	5.09	2.48		
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c								~~[illegible]~~		
3.0 MV $\rho/2\pi$	242.7	77.4	71.2	61.3		369.0	75.9	~~[illegible]~~		
DRIFT MCF								116.9		
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 19

LINE 19, HALF _____, SP. _____, a = 50', BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/2/81

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HEINRICHS GEOEX

SEND	93-95	91-93	89-91	87-89	85-87	83-85				
RECEIVE	97-99	97-99	97-99	97-99	97-99	97-99				
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	53.3	5.87	1.8	.741	.317	.142 n				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	251.8	101.2	89.5	69.3	53.3	37.1				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 19

LINE 19, HALF _____, SP. _____, a = 50', BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/2/81

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HEINRICHS GEOEX

SEND	91-93	89-91	87-89	85-87	83-85	81-83				
RECEIVE	75-97	95-97	95-97	95-97	95-97	95-97				
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	77.5	6.16	2.04	.762	.305	161.0				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	865.2	125.5	96.1	71.8	50.3	43.6				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 19

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LINE 19, HALF _____, SP. _____, a = 50', BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/2/81

HEINRICHS GEOEX

SEND		89-91	87-89	85-87	83-85	81-83	79-81				
RECEIVE		93-95	93-95	93-95	93-95	93-95	93-95				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)					.614						
H. F. MV		81.5	6.48	1.78	[illegible]	.292	[illegible]				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c				57.9						
3.0 MV	$\rho/2\pi$	324.1	122.1	83.9	[illegible]	48.2	42				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through ℄ 19

LINE 19, HALF _____, SP. _____, a = 50', BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/2/81

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HEINRICHS GEOEX

SEND	87-89	85-87	83-85	81-83	79-81					
RECEIVE	91-93	91-93	91-93	91-93	91-93					
MULTIPLIER										
PFE	5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	86.6	6.04	1.47	.579	.296					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	408.1	113.3	67.3	64.0	45.5					
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 19

LINE 19, HALF _____, SR. _____, a = 25, BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/2/81

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HEINRICHS GEOEX

SEND	86-87	87-88	88-89	89-90	90-91	91-92		86-87	87-88	
RECEIVE	84-85	84-85	84-85	84-85	84-85	84-85		84.5-85.5	84.5-85.5	
MULTIPLIER										
PFE	1-2	2-3	3-4	4-5	5-6	6-7		1-2	2-3	
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	626	249	65.1	21.4	11.2	6.02		4990	142	
DRIFT										
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	498.2	328.9	153.4	116.0	93.2	79.4		9674.2	7218	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line thru D.H. 19

LINE 19, HALF _____, SP. _____, a = 25, BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/3/81

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HEINRICHS GEOEX

SEND	87-88	88-89	89-90	90-91	91-92		87-88	88-89		
RECEIVE	85-86	85-86	85-86	85-86	85-86		85.5-86.5	85.5-86.5		
MULTIPLIER										
PFE	2-3	3-4	4-5	5-6	6-7		2-3	3-4		
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	757	47.4	5.06	2.70	1.25		4670	169		
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	1793.6	496.7	159.9	127.2	102.1		2438.6	371.1		
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 19

LINE 19, HALF _____, SP. _____, a = 25', BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/3/81

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HEINRICHS GEOEX

SEND		88-89	89-90	90-91	91-92		88-89	89-90			
RECEIVE		86-87	86-87	86-87	86-87		86.5-87.5	86.5-87.5			
MULTIPLIER											
PFE		3-4	4-5	5-6	6-7		3-4	4-5			
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		924	55.6	8.74	2.84		6190	212			
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2177.1	524.0	205.9	133.9		4557.0	1092.7			
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line thru J.H. 19

LINE 19, HALF _____, SP. _____, a = 25', BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/3/81

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HEINRICHS GEOEX

SEND	89-90	90-91	91-92		89-90	90-91				
RECEIVE	87-88	87-88	87-88		87.5-88.5	87.5-8.5				
MULTIPLIER										
PFE	4-5	5-6	6-7		4-5	5-6				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	956	59[illegible]	9[illegible]		6020	22[illegible]				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	2252.5	5[illegible]	220.1		44[illegible]2.6	1149.4				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line thru D.H. 19

LINE 19, HALF _____, SP. _____, a = 25', BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/3/81

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HEINRICHS GEOEX

SEND		91-92	90-91	89-90	88-89	87-88	86-87		91-92	90-91	
RECEIVE		93-94	93-94	93-94	93-94	93-94	93-94		92.5-93.5	92.5-93.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		7.77	5.30	7.15	2.90	1.33	.703		4.610	1.17	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	187.8	497.5	215.2	186.7	109.7	92.8		3394.4	912.5	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line thru D.H. 19

LINE 19, HALF _____, SP. _____, a = 25', BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/3/81

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HEINRICHS GEOEX

SEND	90-91	89-90	88-89	87-88	86-87	85-86		90-91	89-90	
RECEIVE	92-93	92-93	92-93	92-93	92-93	92-93		91.5-92.5	91.5-92.5	
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	834	56.4	8.86	2.00	1.24	.63		5600	216	
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	1965.1	531.6	208.8	131.9	102.3	93.1		4123.3	1113.3	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line thru d. H. 19

LINE 19, HALF _____, SP. _____, a = 25', BEARING 36° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/3/81

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HEINRICHS GEOEX

SEND		89-90	88-89	87-88	86-87	85-86	84-85		89-90	88-89	
RECEIVE		91-92	91-92	91-92	91-92	91-92	91-92		90.5-91.5	90.5-91.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		924	583	944	2.90	1.23	.608		5990	209	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2177.1	549.5	22.4	136.7	103.1	80.2		4410.5	1577.2	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA F-W line thru d. H. 19

LINE 19, HALF _____, SP. _____, a = 25', BEARING 86° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/3/81

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HEINRICHS GEOEX

SEND		88-89	87-88	86-87	85-86	84-85		88-89	87-88		
RECEIVE		90-91	90-91	90-91	90-91	90-91		89.5-90.5	89.5-90.5		
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2		5-6	4-5		
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		934	61.0	8.15	2.7	1.14		5550	219		
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2315.5	574.9	204.5	127.7	44.0		4086.5	1128.8		
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA Line thru d.H 16 and 17

LINE 16, HALF_____, SP._____, a = 50', BEARING_____

SENDER STA._____ = ELECTRODE NO._____, DATE 3/4/57

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HEINRICHS GEOEX

SEND		93-95	91-93	89-91	97-99	85-87	83-85				
RECEIVE		97-99	97-99	97-99	97-99	97-99	97-99				
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line through D.H. 16 and 17

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LINE 16, HALF _____, SP. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

HEINRICHS GEOEX

SEND		91-93	87-91	87-89	95-97	83-85	81-83				
RECEIVE		95-97	95-97	95-97	95-97	95-97	95-97				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		36.0	4.04	1.60	.690	3.57	1.70				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	169.6	93.1	89.8	85.0	58.9	50.1				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA Line through 16+17

LINE 16, HALF_____, SP._____, a = 50', BEARING_____

SENDER STA._____ = ELECTRODE NO._____, DATE 3/4/81

HEINRICHS GEOEX

SEND		89-91	87-89	85-87	83-85	81-83	79-81				
RECEIVE		92-95	93-95	93-95	93-95	93-95	93-95				
MULTIPLIER											
PFE		6-7	5-6	#4-5	#3-4	2-3	1-2				
CUR. (AMPS)									I- 200 MA		
POINT NO.											
SEP. (n)											
H. F. MV		42.9	9.57	2.28	980	442	222				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	202.2	148.3	107.4	92.9	79.5	58.16				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru 16 & 17

LINE 16, HALF _____, SR. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

HEINRICHS GEOEX

SEND		87-89	83-87	83-85	81-83	79-81					
RECEIVE		91-93	91-93	91-93	91-93	91-93					
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		45.0	7.04	2.30	.504	.1271					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	212.1	132.7	108.4	78.1	61.2					
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru D.H's 16 and 17

LINE 16, HALF _____, SP. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND	85-87	83-85	81-83	79-81	77-79	75-77				
RECEIVE	89-91	89-91	89-91	89-91	89-91	89-91				
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	41.0	6.71	1.9	.652	.302	17.6n				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	193.2	126.5	89.5	64.3	49.8	46.4n				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

River channel West of Stake 90

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru D. H's 16 and 17

LINE 16, HALF _____, SP. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND	83-85	81-83	79-81	77-79	75-77	73-75				
RECEIVE	87-89	87-89	87-89	87-89	87-89	87-89				
MULTIPLIER										
PFE	6-7	3-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)						.182n				
H. F. MV	49.0	7.15	1.90	.680	.347	[illegible]				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c						48.0n				
3.0 MV $\rho/2\pi$	230.9	134.9	89.5	64.1	57.6	[illegible]				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru to W's Ikend 17

LINE 16, HALF _____, SR. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

HEINRICHS GEOEX

SEND	81-83	79-81	77-79	75-77	73-75	71-73				
RECEIVE	85-87	85-87	85-87	85-87	85-87	85-87				
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	650	679	669	672	267	174				
DRIFT										
1.0 PFE K_n/1000										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	206	177.0	79.6	63.4	50.6	45.9				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru O.D.'s 16 and 17

LINE 16, HALF _____, SR. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/91

HEINRICHS GEOEX

SEND		79-81	77-79	75-77	73-75	71-73					
RECEIVE		83-85	81-83	83-85	83-85	83-85					
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)			7.46								
H. F. MV		76.1	~~71.6~~	2.00	71.6	35.3					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	340.6	140.6	34.2	67.4	58.2					
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru D.H.'s 16 and 17

LINE 16, HALF _____, SP. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/79

HEINRICHS GEOEX

SEND	77-79	75-77	73-75	71-73	69-71	67-69				
RECEIVE	81-83	81-83	81-83	81-83	81-83	81-83				
MULTIPLIER										
PFE	6.7	9.2	4.5	3.4	2.1	1.2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	5.6.6	7.12	4.77	.704	.375	.221				
DRIFT										
1.0 PFE / K_n/1000										
0.3 PFE / ρ_{CAL}										
0.1 PFE / PFE_c										
3.0 MV / $\rho/2\pi$	2667	1760	534	66.4	41.9	41.5				
DRIFT / MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru P.H. 16 & 17

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LINE 16, HALF _____, SP. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

HEINRICHS GEOEX

SEND	75-77	73-75	71-73	69-71	67-69	65-67				
RECEIVE	79-81	79-81	79-81	79-81	79-81	79-81				
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	57.1	6.20	1.82	.790	.426	.226				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	269.1	118.8	85.8	74.5	70.3	59.6				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru D.H's 16 and 17

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LINE 16, HALF _____, SP. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

HEINRICHS GEOEX

SEND	73-75	71-73	69-71	67-69	65-67	63-65				
RECEIVE	77-79	77-79	77-79	77-79	77-79	77-79				
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	53.8	6.29	1.97	.867	.400	.213				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	253.5	118.6	92.8	81.7	66.0	56.2				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru D.H's 16 and 17

LINE 16, HALF _____, SR. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

HEINRICHS GEOEX

SEND		71-73	69-71	67-69	65-67	63-65					
RECEIVE		75-77	75-77	75-77	75-77	75-77					
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		56.2	7.07	2.31	.563	.196					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	264.8	133.3	108.9	91.3	65.2					
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line 16 thru P.N.'s 16 and 17

LINE 16, HALF _____, SR. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/91

HEINRICHS GEOEX

SEND		65-69	67-69	69-71	71-73	73-75	75-77				
RECEIVE		61-63	61-63	61-63	61-63	61-63	61-63				
MULTIPLIER											
PFE		1-2	2-3	3-4	4-5	5-6	6-7				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		5.93	3.22	1.17	.743	.376	.234				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2774	1549	72.8	10.0	62.0	61.2				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru D.H's 16 and 17

LINE 16, HALF _____, SP. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND		67-69	69-71	71-73	73-75	75-77	77-79				
RECEIVE		63-65	63-65	63-65	63-65	63-65	63-65				
MULTIPLIER											
PFE		1-2	2-3	3-4	4-5	5-6	6-7				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		60.6	6.58	1.80	.738	.394	.215				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	285.6	124.0	84.8	69.6	65.0	56.7				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA_____

LINE_____, HALF_____, SR._____, a = _____, BEARING_____

SENDER STA._____ = ELECTRODE NO._____, DATE_____

PAGE_____

HEINRICHS GEOEX

SEND											
RECEIVE											
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

Pgs. 300-312
line "Bluff"
25' dipoles
only

I. P. RECEIVER NOTES, JOB NO. _____, AREA line connecting northends of lines 14+15

LINE 3/0 SS, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/91

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HEINRICHS GEOEX

SEND			87-88	88-89	89-90	90-91	91-92				
RECEIVE		~~[illegible]~~	84-85	84-85	84-85	84-85	84-85				
MULTIPLIER											
PFE			1-2	2-3	3-4	4-5	5-6				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV			12.8	4.03	1.83	1.034	.577				
DRIFT											
1.0 PFE	$K_n/1000$		n=2								
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$		80.4	63.3	57.5	56.8	50.8				
DRIFT	MCF		1.91	1.80	1.76	1.75	1.71	log			
S. P.											
NOISE			I=300 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Connecting north ends of lines 14 + 15

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LINE Bluff, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

HEINRICHS GEOEX

SEND		87-88	88-89	89-90	90-91	91-92	92-93				
RECEIVE		85-86	85-86	85-86	85-86	85-86	85-86				
MULTIPLIER											
PFE		1-2	2-3	3-4	4-5	5-6	6-7				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		246	121	4.09	2.00	1.022	.625				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}	n=1									
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	386.4	76.0	64.2	62.8	56.2	55.9				
DRIFT	MCF	2.59	1.85	1.81	1.80	1.75	1.75	log			
S. P.											
NOISE		I = 300 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA connecting north ends of lines 14+15

LINE P/65, HALF _____, SR. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

HEINRICHS GEOEX

SEND	88-89	89-90	90-91	91-92	92-93	93-94					
RECEIVE	86-87	86-87	86-87	86-87	86-87	86-87					
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV	92.7	11.2	4.21	1.98	1.054	.715					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1451	710	661	581	578	629				
DRIFT	MCF	2.16	1.55	1.82	1.76	1.76	1.80	1.09			
S. P.		I=500mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA connecting north ends of lines 14 & 15

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LINE Bluff, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

HEINRICHS GEOEX

SEND		89-90	90-91	91-92	92-93	93-94	94-95				
RECEIVE		87-85	87-88	87-88	87-85	87-88	87-88				
MULTIPLIER											
PFE		3-4	4-5	5-6	6-7	7-8	8-9				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		66.9	12.3	4.11	2.00	1.23	.677				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	105.1	77.3	64.6	62.8	67.6	59.6				
DRIFT	MCF	2.02	1.89	1.81	1.80	1.83	1.77	109			
S. P.		I = 300 mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA connecting north ends of lines 14+15

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LINE B16 SS, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

HEINRICHS GEOEX

SEND	90-91	91-92	92-93	93-94	94-95					
RECEIVE	88-89	88-89	88-89	88-89	88-89					
MULTIPLIER										
PFE	4-5	5-6	6-7	7-8	8-9					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	59.9	11.5	4.33	2.28	1.14					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	94.1	72.3	66.0	71.6	62.7					
DRIFT MCF	1.97	1.86	1.83	1.86	1.80	1.09				
S. P.										
NOISE	I = 300 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA connecting north ends of lines 14 & 15

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LINE 13/05, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

HEINRICHS GEOEX

SEND			94-95	93-94	92-93	91-92				
RECEIVE	95-99		98-99	98-99	98-99	98-99				
MULTIPLIER										
PFE			8-9	7-8	6-7	5-6				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV			3.88	3.11	1.02	.611				
DRIFT										
1.0 PFE	$K_n/1000$									
0.3 PFE	ρ_{CAL}		n=3							
0.1 PFE	PFE_c									
3.0 MV	$\rho/2\pi$		66.9	66.3	56.1	54.5				
DRIFT	MCF		1.78	1.82	1.75	1.74	kg			
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA connecting north ends of line 19 [illegible]

LINE Bluff, HALF _____, SP. _____, a = 2 [illegible], BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

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HEINRICHS GEOEX

SEND		94-95	93-94	92-93	91-92	90-91				
RECEIVE		97-98	97-95	97-98	97-98	97-98				
MULTIPLIER										
PFE		[illegible]	7-8	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV		10.64	4.11	1.74	.966	.642				
DRIFT										
1.0 PFE $K_n/1000$		n=2								
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$		63.1	64.6	54.7	52.8	56.5				
DRIFT MCF		1.80	1.81	1.74	1.72	1.75	1.09			
S. P.		I=0 [illegible]								
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Connecting north ends of line 14 & 15

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LINE [illegible], HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

HEINRICHS GEOEX

SEND		94-95	93-94	92-93	91-92	90-91	89-90				
RECEIVE		96-97	96-97	96-97	96-97	96-97	96-97				
MULTIPLIER											
PFE		8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		41.6	70.08	3.37	1.55	.966	.578				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	65.3	63.3	52.2	49.6	53.1	50.2				
DRIFT	MCF	1.82	1.80	1.72	1.70	1.77	1.71	log			
S. P.											
NOISE			± 200 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA connecting north end of Hwy 14 & 15

LINE Bluff, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

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HEINRICHS GEOEX

SEND		93-94	92-93	91-92	90-91	89-90	88-89				
RECEIVE		95-96	95-96	95-96	95-96	95-96	95-96				
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		55.4	10.2	3.69	1.93	1.05	1.66				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	81.9	64.3	58.0	60.6	57.7	58.4				
DRIFT	MCF	1.94	1.81	1.76	1.78	1.76	1.77	log			
S. P.		I = 300 mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA connecting north end of lines 14+15

LINE 15, HALF _____, SR. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 7/6/91

HEINRICHS GEOEX

SEND		92-93	91-92	90-91	89-90	88-89	87-88				
RECEIVE		94-95	94-95	94-95	94-95	94-95	94-95				
MULTIPLIER											
PFE		6.7	5.6	4.5	3.4	2.7	1.2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		6.23	10.41	4.78	2.05	1.16	.70				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	6.22	6.55	6.93	6.94	6.99	6.13				
DRIFT	MCF	1.41	1.84	1.84	1.8	1.81	1.79	105			
S. P.											
NOISE		~200 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA connecting northends of lines 14 & 15

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LINE 1/155, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

HEINRICHS GEOEX

SEND		91-92	90-91	89-90	88-89	87-88					
RECEIVE		93-94	93-94	93-94	93-94	93-94					
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		47.6	11.8	4.32	2.15	1.18					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	74.8	74.1	67.9	67.5	64.9					
DRIFT	MCF	1.87	1.87	1.83	1.83	1.81	log				
S. P.		I = 300 mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA connecting north ends of lines 14 & 15

LINE Staff, HALF _____, SP. _____, a = 25', BEARING 76° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

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HEINRICHS GEOEX

SEND		90-91	89-90	88-89	87-88		89-90	88-89	87-88		
RECEIVE		92-93	92-93	92-93	92-93		91-92	71-92	91-92		
MULTIPLIER											
PFE		4-5	3-4	2-3	1-2		3-4	2-3	1-2		
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		48.7	16.85	4.17	1.75		48.8	11.5	4.17		
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}						n=1				
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	76.5	69.2	65.5	61.3		76.7	72.3	65.5		
DRIFT	MCF	1.88	1.83	1.82	1.79	log	1.88	1.86	1.82		
S. P.		I=300 mA									
NOISE											
POT RES.											
CULT & CMTS											

Southerly most receiver electrode is

I. P. RECEIVER NOTES, JOB NO. _____, AREA ¢ sec 14 500' N. of South Bank

PAGE 11

LINE 15, HALF _____, SP. _____, a = 50', BEARING N 2° E

SENDER STA. _____ = ELECTRODE NO. _____, DATE 2-28-81

HEINRICHS GEOEX

SEND		87-80	86-85	85-84	84-83	83-82	82-81				
RECEIVE		89-88	89-88	89-88	89-88	89-88	89-88				
MULTIPLIER											
PFE		7-6	6-5	5-4	4-3	3-2	2-1				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		130	14.6	4.24	1.60	0.681	0.384				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	612.6	275.2	199.8	150.8	112.3	101.3				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA ℄ Sec. 14 550 N. of South Flank

PAGE 12

LINE 15, HALF _____, SP. _____, a = 50', BEARING N. 2° E

SENDER STA. _____ = ELECTRODE NO. _____, DATE 2-28-81

HEINRICHS GEOEX

SEND		86-85	85-84	84-83	83-82	82-81	81-80				
RECEIVE		88-87	88-87	88-87	88-87	88-87	88-87				
MULTIPLIER											
PFE		7-6	6-5	5-4	4-3	3-2	2-1				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		23.0	15.8	4.39	.61	0.799	0.465				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1112.1	297.8	206.9	151.7	131.8	122.7				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

Southerly receiver electrode is 75' N. of South Bank

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S Runs through 14A

LINE 14, HALF _____, SR. _____, a = 2.5, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 2-28-81

HEINRICHS GEOEX

SEND	96½-96	96-95½	95½-95	95-94½	94½-94	94-93½		96½-96	96-95½	
RECEIVE	97½-97	97½-97	97½-97	97½-97	97½-97	97½-97		97¼-96½	97½-96½	
MULTIPLIER										
PFE	7-6	6-5	5-4	4-3	3-2	2-1				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	649	505	240	219	114	61		960	670	
DRIFT										
1.0 PFE K_n/1000										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_C										
3.0 MV $\rho/2\pi$	1529	1178	1673	1032	1140	806		2695	961	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO._____, AREA N-S runs through 14A

LINE 14, HALF_____, SP._____, a = 25, BEARING N-S

SENDER STA._____ = ELECTRODE NO._____, DATE 2-28-81

PAGE 14

HEINRICHS GEOEX

SEND	96-95½	95½-95	95-94½	94½-94	94-93½			96-95½	95½-95	
RECEIVE	97-96½	97-96½	97-96½	97-96½	97-96½	97-96½		96¼-96¾	96¼-96¾	
MULTIPLIER										
PFE	7-6	6-5	5-4	4-3	3-2	2-1				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	752	42.3	8.37	3.58	1.72	0.905		3.900	119	
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	172.5	299	197.2	162.7	141.8	119.4		28.72	113.3	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S runs through D.H. 14A

LINE 14, HALF _____, SP. _____, a = 25, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 2-28-81

PAGE 15

HEINRICHS GEOEX

SEND	95½-95	95-94½	94½-94	94-93½	93½-93	93-92½	92½-92	95-94½	94½-94	95
RECEIVE	96½-96	96½-96	96½-96	96½-96	96½-96	96½-96		96¼-95¾	96¼	95¾
MULTIPLIER										
PFE	7-6	6-5	5-4	4-3	3-2	2-1		76	6-5	
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	440	364	10.8	4.48	2.16	1.22		2960	1006	
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	1053	343.1	254.5	211.1	178.1	161.0		2179	515.5	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

15, 02

I. P. RECEIVER NOTES, JOB NO. _____, AREA ¢ SEC 14, DM 15 15 50'E

LINE 15, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 27 81

PAGE -2A

HEINRICHS GEOEX

SEND	97½-97	97-96½	96½-96	96-95½	95½-95	95-94½		97½-97	97-96½	
RECEIVE	98-98½	→	→	→				97¾-98¼	→	
MULTIPLIER										
PFE										
CUR. (AMPS)	100	→	→	→				100	100	
POINT NO.										
SEP. (n)	320									
H. F. MV	3350	18.0	2.08	0.710	0.427	0.278		2280	85.5	
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c	1507									
3.0 MV $\rho/2\pi$	1502	339	78.0	66.9	70.4	73.3		3356	880.9	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

15,03

I. P. RECEIVER NOTES, JOB NO. _____, AREA ℄ SEC 14, DM 15 15 50' E

LINE 15, HALF _____, SP. _____, a = 25, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 27 81

PAGE -3A

HEINRICHS GEOEX

SEND		97-96½	96½-96	96-95½	95½-95	95-94½	94½-94		97-96½	96½-96	
RECEIVE		97½-98							97¼-97¾ →		
MULTIPLIER											
PFE											
CUR. (AMPS)		100	→	→							
POINT NO.											
SEP. (n)											
H. F. MV		46.2	2.1	2.88	0.842	0.499	0.259		2740	90.8	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2176	397.5	94.2	79.3	82.3	68.3		4033	935.5	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

15,04

I. P. RECEIVER NOTES, JOB NO. _____, AREA ℄ SEC 14 DM 15 15 50' E

LINE 15, HALF _____, SP. _____, a = 25, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 27 81

PAGE -4A

HEINRICHS GEOEX

SEND		96½-96	96-95½	95½-95	95-94½	94½-94	94-93½		96½-96	96-95½	
RECEIVE		97-97½							96¾-	97½ →	
MULTIPLIER											
PFE											
CUR. (AMPS)		100	→	—	→				100	→	
POINT NO.											
SEP. (n)											
H. F. MV		411	14.1	2.14	1.00	0.469			2520	55.4	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1936	265.6	101.7	94.2	76.8			3709	570.8	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

15,05

I. P. RECEIVER NOTES, JOB NO. _____, AREA ¢SE/14 DM15 1S 50 E

PAGE 8A

LINE 15, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 27 81

HEINRICHS GEOEX

SEND		96-95½	95½-95	95-94½	94½-94	94-93½	93½-93				
RECEIVE		97½-97	→								
MULTIPLIER		7-6	6-5	5-4	4-3	3-2	2-1				
PFE											
CUR. (AMPS)		100 →									
POINT NO.											
SEP. (n)											
H. F. MV		16.5	2.22	1.02	0.484	0.265	—				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	310.9	104.6	96.0	79.9	69.9					
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

15,06

I. P. RECEIVER NOTES, JOB NO. _____, AREA ¢ SEC 14 DM15 IS 50' E

PAGE 1A

LINE 15, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 27 81

HEINRICHS GEOEX

SEND	96-95.5	95½-95	95-94½	94½-94	94-93½	93½-93				
RECEIVE	97-96½	→	→	→	→	→				
MULTIPLIER										
PFE	7-6	6-5	5-4	4-3	3-2	2-1				
CUR. (AMPS)	100	100	100	100	100	100				
POINT NO.										
SEP. (n)										
H. F. MV	503	11.3	2.42	0.932	0.460	0.252				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	1427	212.9	114.0	87.8	75.8	66.5				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

15,07

I. P. RECEIVER NOTES, JOB NO._____, AREA_____

LINE 15, HALF_____, SP._____, a = _____, BEARING N-S

SENDER STA._____ = ELECTRODE NO._____, DATE FEB 27 '81

PAGE 1A

HEINRICHS GEOEX

SEND		96-95½	95½-95								
RECEIVE		95½-96	→								
MULTIPLIER											
PFE											
CUR. (AMPS)		100	100								
POINT NO.											
SEP. (n)											
H. F. MV		1470	33.3								
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c	2164	205								
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

15, 08

I. P. RECEIVER NOTES, JOB NO. _____, AREA 1 SEC 14 DM15 15 50'E

LINE 15, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 27 81

PAGE 2A

HEINRICHS GEOEX

SEND		95½-95	95-94½	94½-94	94-93½	93½-93	93-92½				
RECEIVE		96½-96									
MULTIPLIER		7-6	6-5	5-4	4-3	3-2	2-1				
PFE		100									
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		137	7.45	1.83	0.727	0.354	0.217				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	645.3	140.4	85.7	68.5	58.4	57.2				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

15,09

I. P. RECEIVER NOTES, JOB No. _____, AREA _____

LINE 15, HALF _____, SP. _____, a = _____, BEARING N-S

SENDER STA. _____ = ELECTRODE No. _____, DATE FEB 27 81

PAGE 2AA

HEINRICHS GEOEX

SEND		95A-95	95-94A								
RECEIVE											
MULTIPLIER											
PFE											
CUR. (AMPS)		100	100								
POINT NO.											
SEP. (n)											
H. F. MV		16.7	14.3								
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	1202	1265								
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

15,10

I. P. RECEIVER NOTES, JOB NO. _____, AREA ℄ SEC 14 DM15 1S 50' E

LINE 15, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 27 81

PAGE 3A

HEINRICHS GEOEX

SEND	95-94½	94½-94	94-93½	93½-93	93-92½	92½-92				
RECEIVE	96-95½	→								
MULTIPLIER										
PFE	7-6	6-5	5-4	4-3	3-2	2-1				
CUR. (AMPS)	100	→								
POINT NO.										
SEP. (n)										
H. F. MV	116	9.09	1.94	0.741	0.398	0.237				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	546.4	171.3	91.4	69.8	65.6	62.5				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

15, 11

I. P. RECEIVER NOTES, JOB NO. _____, AREA ℄ SEC 14 DM 15 15 50' E

LINE 15, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 27 81

PAGE 4A

HEINRICHS GEOEX

SEND	94½-94	94-93½	93½-93	93-92½	92½-92					
RECEIVE	95½-95	→	→							
MULTIPLIER	6-5	5-4	4-3	3-2	2-1					
PFE	+									
CUR. (AMPS)	100	→	→							
POINT NO.										
SEP. (n)										
H. F. MV	135	11.0	2.59	1.09	0.555					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	625.9	207.2	122.0	102.7	91.5					
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO._____, AREA 4 SEC 14 - DMIS IS 50' TOE

LINE 15, HALF_____, SP._____, a = 50', BEARING N-S GOING N

SENDER STA._____ = ELECTRODE NO._____, DATE FEB 20 1981

PAGE 1

HEINRICHS GEOEX

SEND		97-96	96-95	95-94	94-93	93-92	92-91				
RECEIVE		99-98	99-98	99-98	99-98	99-98	99-98				
MULTIPLIER											
PFE											
CUR. (AMPS)		100	100	100	100	100	100				
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

STA 99 IS 990 FT NORTH OF S/4 COR OF SEC 14

I. P. RECEIVER NOTES, JOB NO. _____, AREA ℄ SEC 14 - DM 15 1S 5 1/2 TOE

PAGE 2

LINE 15, HALF _____, SP. _____, a = 50', BEARING N - S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 26 - 1981

HEINRICHS GEOEX

SEND	96-95	95-94	94-93	93-92	92-91	91-90				
RECEIVE	97-98	97-98	97-98	97-98	97-98	97-98				
MULTIPLIER	7-6	6-5	5-4	4-3	3-2	2-1				
PFE	6-5	5-4	4-3	3-2	2-1					
CUR. (AMPS)	100	100	100	100	100	100				
POINT NO.										
SEP. (n)	REPEAT	2.25	0.674							
H. F. MV	20.8	12.75	0.675	0.316	0.168	0.109				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	195.1	67.1	62.6	56.9	55.5	57.5				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Φ SEC 14 DM15 K 30 5 VE

LINE 15, HALF _____, SP. _____, a = 50', BEARING N S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 26 81

PAGE 3

HEINRICHS GEOEX

SEND										
RECEIVE	95-94	94-93	93-92	92-91	91-90					
MULTIPLIER	96-97	96-97	96-97	96-97	96-97					
PFE										
CUR. (AMPS)	6-5	5-4	4-3	3-2	2-1					
POINT NO.	100	100	100	100	100					
SEP. (n)										
H. F. MV										
DRIFT	13.0	1.80	0.643	0.289	0.166					
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	122.5	67.7	60.8	54.5	54.9					
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA ℄ SEC 14 - DM15 IS 50' TO E

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 26 '61

PAGE 4

HEINRICHS GEOEX

SEND		94-93	93-92	92-91	91-90	90-89	89-88				
RECEIVE		96-95	96-95	96-95	96-95	96-95	96-95				
MULTIPLIER											
PFE		7-6	6-5	5-4	4-3	3-2	2-1				
CUR. (AMPS)		150	150	150	150	150	150				
POINT NO.											
SEP. (n)											
H. F. MV		24.0	3.37	1.06	0.500	0.226	0.138				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}				62.						
0.1 PFE	PFE_c	150.7	84.4	66.5	~~110.2~~	49.8					
3.0 MV	$\rho/2\pi$	~~126.1~~	~~126.7~~	~~79.8~~	~~170.2~~	49.8	48.6				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA ℄ SEC 14 - DM15 IS 50' TOE

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 26 81

PAGE 5

HEINRICHS GEOEX

SEND	93-92	92-91	91-90	90-89	89-88	88-87				
RECEIVE	95-94	95-94	95-94	95-94	95-94	94-93				
MULTIPLIER	7-6	6-5								
PFE	6-5		5-4	4-3	3-2	2-1				
CUR. (AMPS)	150	150	150	150	150	150				
POINT NO.										
SEP. (n)	~~35.9~~	~~0.500~~								
H. F. MV	~~34.9~~	~~5.08~~	1.80	0.676	0.355	0.178				
DRIFT	34.9	5.08								
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c				84.9						
3.0 MV $\rho/2\pi$	119.2	127.3	113.0	~~149.0~~	78.2	62.6				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA ℄ SEC 14. DM15 IS 50' TO E

LINE 15, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 27 81

PAGE 6

HEINRICHS GEOEX

SEND		92-91	91-90	90-89	89-88	88-87	87-86				
RECEIVE		94-93	94-93	94-93	94-93	94-93	94-93				
MULTIPLIER											
PFE		7-6	6-5	5-4	4-3	3-2	2-1				
CUR. (AMPS)		200	200	200	200	200	200				
POINT NO.											
SEP. (n)											
H. F. MV		49.9	8.67	2.67	1.20	0.523	0.265				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	235.0	163.3	125.8	113.0	86.2	69.4				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA_____

LINE 15, HALF_____, SR._____, α = _____, BEARING_____

SENDER STA._____ = ELECTRODE NO._____, DATE_____

PAGE_____

HEINRICHS GEOEX

SEND											
RECEIVE											
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA ℄ SEC 14 DM 15 K 50' E

LINE 15, HALF _____, SP. _____, a = 50', BEARING N - S

SENDER STA. _____ = ELECTRODE NO. _____, DATE FEB 27 81

PAGE 8

HEINRICHS GEOEX

SEND	90-89	89-88	88-87	87-86	86-85					
RECEIVE	92-91	92-91	92-91	92-91	92-91					
MULTIPLIER										
PFE										
CUR. (AMPS)	6-5	5-4	4-3	3-2	2-1					
POINT NO.	200	200	200							
SEP. (n)										
H. F. MV										
DRIFT	60.9	11.9	3.45	1.34	0.724					
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$										
DRIFT MCF	286.8	224.2	162.5	126.2	119.4					
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO._____, AREA ℄ Sec. 14 400' N. of South Bank OM 1S 1E 50 E

LINE 15, HALF_____, SP._____, a = 50', BEARING N 2° E

SENDER STA._____ = ELECTRODE NO._____, DATE 2-28-81

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HEINRICHS GEOEX

SEND	89-88	88-87	87-86	86-85	85-84	84-83				
RECEIVE	91-90	91-90	91-90	91-90	91-90	91-90				
MULTIPLIER										
PFE	7-6	6-5	5-4	4-3	3-2	2-1				
CUR. (AMPS)	200	200	200	200	200	200				
POINT NO.										
SEP. (n)										
H. F. MV	1.2	1.1	3.88	1.65	0.739	0.365				
DRIFT										
1.0 PFE K_n/1000										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	104.5	231.8	168.7	155.5	124.1	96.3				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA ¢ Sec. 14 450 N. of South Bank

LINE 15, HALF _____, SP. _____, a = 50', BEARING N 2° E

SENDER STA. _____ = ELECTRODE NO. _____, DATE 2-28-81

HEINRICHS GEOEX

SEND	88-87	87-86	86-85	85-84	84-83	83-82				
RECEIVE	90-89	90-89	90-89	90-89	90-89	90-89				
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV										
DRIFT										
1.0 PFE K_n/1000										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_C										
3.0 MV $\rho/2\pi$										
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru P.H's 16 & 17

LINE 16, HALF _____, SP. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

HEINRICHS GEOEX

SEND		69-71	71-73	73-75	75-77	77-79					
RECEIVE		65-67	65-67	65-67	65-67	65-67					
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT				2.03							
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF			95.7							
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h's 16 & 17

LINE 16, HALF _____, SP. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

HEINRICHS GEOEX

SEND		71-73	73-75	75-77	77-79		73-75	75-77	77-79		
RECEIVE		67-69	67-69	67-69	67-69		69-71	69-71	69-71		
MULTIPLIER											
PFE		3-4	4-5	5-6	6-7		4-5	5-6	6-7		
CUR. (AMPS)											
POINT NO.											
SEP. (n)							53.5				
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA [illegible] 16 & 17

LINE 16, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND		70-71	71-72	72-73	73-74	74-75	75-76		70-71	71-72	
RECEIVE		68-69	68-69	68-69	69-69	68-69	68-69		69.5-69.5	68.5-69.5	
MULTIPLIER											
PFE		1-2	2-3	3-4	4-5	5-6	6-7		1-2	2-3	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		667	378	791	3.24	1.62	.890		4340	125	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c	+2.0	+1.8	+1.7	+1.19						
3.0 MV	$\rho/2\pi$	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
DRIFT	MCF	1572	356	186	153	134	117		3196	644	
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h.s 16 and 17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/9/81

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HEINRICHS GEOEX

SEND	71-72	72-73	74-75	75-76	76-77		71-72	72-73		
RECEIVE	70-71	70-71	70-71	70-71	70-71		70.5-71.5	70.5-71.5		
MULTIPLIER										
PFE	2-3	3-4	4-5	5-6	6-7		2-3	[illegible]		
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	622	30.2	7.78	3.24	1.57		4550	1.26		
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]		
DRIFT MCF	1466	332	183	153	130	[illegible]	3350	649		
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thick drill hole 16+17

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LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

HEINRICHS GEOEX

SEND	72-73	73-74	74-75	75-76	72-73	73-74				
RECEIVE	~~71-72~~	~~71-72~~	~~71-72~~	~~71-72~~	~~71.5-72.5~~	~~71.5-72.5~~				
MULTIPLIER	70-71	70-71	70-71	70-7K	70.5-71.5	70.5-71.5				
PFE	3-4	4-5	5-6	6-7	3-5	4-5				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	550	33.9	2.48	3.06	3690	119				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	1796	320	176	144	2717	505				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dh's 16 & 17

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LINE 16, HALF _____, SP. _____, a = 75', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

HEINRICHS GEOEX

SEND		72-74	74-75	75-76		73-74	74-75				
RECEIVE		71-72	71-72	71-72		71.5-72.5	71.5-72.5				
MULTIPLIER											
PFE		7-5	5-6	6-7		4-5	5-6				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		650	372	763		4540	13				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	~~063~~	~~781~~	~~360~~		~~7130~~	~~1425~~				
DRIFT	MCF	1532	351	180		3564	711				
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru 16 and 17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND		75-76	74-75	73-74	72-73	71-72	70-71		75-76	74-75	
RECEIVE		77-78	77-78	77-79	77-78	77-78	77-78		76.5-77.5	76.5-77.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2		6-7	65-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		601	35.9	758	2.90	1.41	.792		4300	112	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
DRIFT	MCF	1416	338	179	137	116	104		3166	577	
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 16+17

LINE 16, HALF _____, SP. _____, a = 25", BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND		74-75	73-74	72-73	71-72	70-71	69-70		74-75	73-74	
RECEIVE		76-77	76-77	76-77	76-77	76-77	76-77		75.5-76.5	75.5-76.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	2-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		540	39.3	7.86	2.07	1.53	.057		365.0	125	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2545	722	371	289	252	226		5370	1288	
DRIFT	MCF	1272	361	185	145	126.2	113		2688	644	
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d. h's 16+17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND		73-74	72-73	71-72	70-71	69-70	68-69		73-74	72-73	
RECEIVE		75-76	75-76	75-76	75-76	75-76	75-76		74.5-75.5	74.5-75.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		564	372	775	[illegible]	1.67	794		4330	150	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c	1329	351	183	148	130	118				
3.0 MV	$\rho/2\pi$	[illegible]	[illegible]	367	[illegible]	[illegible]	[illegible]		[illegible]	1340	
DRIFT	MCF	[illegible]							3188	670	
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 16+17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND		72-73	71-72	70-71	69-70	68-69	[illegible]	72-73	71-72		
RECEIVE		74-75	74-75	74-75	74-75	74-75		73.5-74.5	73.5-74.5		
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2		5-6	4-5		
CUR. (AMPS)											
POINT NO.											
SEP. (n)									138		
H. F. MV		616	38.3	7.69	2.18	1.62		4650	~~[illegible]~~		
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF	1451	361	181	150	134		8424	711		
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h.'s 16 & 17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND	91-92	91-90	89-90	88-89	87-88	86-87		91-92	90-91	
RECEIVE	93-94	93-94	93-94	93-94	93-94	93-94		92.5-93.5	92.5-92.5	
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	23.5	26.1	6.42	2.45	1.67	1.203		1220	64.4	
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c	263.9	246	151.3	163	138	121		[illegible]		
3.0 MV $\rho/2\pi$	1120	[illegible]	242	[illegible]	2224			878	322	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

This sheet start count, compared values - 25' [illegible]

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h.s 16 & 17

LINE 1%, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND		90-91	89-90	88-89	87-88	86-87	85-86		90-91	89-90	
RECEIVE		92-93	92-93	92-93	92-93	92-93	92-93		91.5-92.5	91.5-92.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2		6-7	3-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		231	21.3	7.52	3.19	1.63	.851		1300	56.0	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	244	201	1722	150	178	112		95.7	299	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h.'s 16 & 17

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LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

HEINRICHS GEOEX

SEND	89-90	88-89	87-88	86-87	85-86	84-85		89-90	88-89	
RECEIVE	91-92	91-92	"	"				90.5-91.5	90.5-91.5	
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	210	26.9	6.99	3.15	1.53	.913		1200	773	
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	495	254	125	145	126	120		884	398	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru [illegible] 15 & 17

LINE 16, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/4/81

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HEINRICHS GEOEX

SEND		88-89	87-88	86-87	85-86	84-85		88-89	87-88		
RECEIVE		90-91	90-91	90-91	90-91	90-91		89.5-90.5	89.5-90.5		
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2		5-6	4-5		
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		324	237	154	127	153		4320	90.1		
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	481	228	154	120	126		31.81	4.14		
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dl's 16+17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 2/6/81

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HEINRICHS GEOEX

SEND		82-83	83-84	84-85	85-86	86-87	87-88			
RECEIVE	[illegible]	79-80	79-80	79-80	79-80	79-80	79-80			
MULTIPLIER										
PFE		1-2	2-3	3-4	4-5	5-6	6-7			
CUR. (AMPS)		2-n								
POINT NO.										
SEP. (n)			10.7	3.61	1.40					
H. F. MV		41.3				.728	.413			
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$		389	252	~~85~~	~~66~~	96.1	81.7			
DRIFT MCF				170	116					
S. P.										
NOISE										
POT RES.										
CULT & CMTS	N	2	3	4	5	6	7			

Heavy rains - water flowing in channel

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h.'s 16+17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/61

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HEINRICHS GEOEX

SEND		86-87	85-86	84-85	83-84	82-83	81-82		86-87	8.5-86	
RECEIVE		88-89	88-89	88-89	88-89	88-89	88-89		87.5-88.5	87.5-88.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		3.64	24.5	7.69	3.51	1.61	.821		3030	76.8	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	858	231	181	165	133	108		2251	396	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

Heavy rains - water flows in channel

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 1 + 17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/5/[illegible]

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HEINRICHS GEOEX

SEND		87-88	86-87	85-86	84-85	83-84	82-83		87-88	86-87	
RECEIVE		89-90	89-90	89-90	89-90	89-90	89-90		88.5-89.5	88.5-89.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		400	28.3	5.94	2.8[illegible]	1.44	1.7[illegible]		2840	80.6	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c	943	238	140	133	119	97.5				
3.0 MV	$\rho/2\pi$								2091	415	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.									heavy rains		
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dih's 16 & 17

LINE 16, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/81

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HEINRICHS GEOEX

SEND		85-86	84-85	83-84	82-83	81-82	80-81		85-86	84-85	
RECEIVE		87-88	87-88	87-88	87-88	87-88	87-88		86.5-87.5	86.5-87.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		291	268	7.67	3.03	1.39	.723		2220	86.2	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	686	253	181	143	115	95.4		1635	444	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 16+17

LINE 16, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

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HEINRICHS GEOEX

SEND	84-85	83-84	82-83	81-82	[illegible]	80-81		84-85	83-84	
RECEIVE	86-87	86-87	86-87	86-87	86-87	[illegible]		85.5-86.5	85.5-86.5	
MULTIPLIER										
PFE	5-6	4-5	3-4	2-3	1-2			5-6	4-5	
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	370	346	8.23	3.08	1.40			2630	110	
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	172	336	194	145	116			1137	567	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 16/17

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LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/81

HEINRICHS GEOEX

SEND		78-79	79-80	80-81	81-82	82-83	83-84				
RECEIVE		75-76	75-76	75-76	75-76	75-76	75-76				
MULTIPLIER											
PFE		1-2	2-3	3-4	4-5	5-6	6-7				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		40.3	2.39	3.19	1.47	.771	.466				
DRIFT											
1.0 PFE	$K_n/1000$	↑									
0.3 PFE	ρ_{CAL}	2n	3n	4N	5N	6N	7N				
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	380	198	150	121	102					
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru L.L.'s 16+17

LINE 16, HALF _____, SR _____, α = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/81

HEINRICHS GEOEX

SEND		82-84	82-83	81-82	80-81	79-80	78-79		83-84	82-83	
RECEIVE		85-86	85-86	85-86	85-86	85-86	85-86		845-855	845-855	
MULTIPLIER											
PFE		4.7	5.0	4.5	3.4	2.3	1.7		6.7	5.6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		441	40.4	8.82	3.15	1.45	.686		2140	127	
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1039	215	207	149	120	96.5		2165	665	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru dd's 16 & 17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/81

HEINRICHS GEOEX

SEND		87-83	91-87	80-81	79-80	78-79	77-78		92-89	91-92	
RECEIVE		89-85	94-85	84-85	84-85	84-85	84-85		83.5-84.5	83.5-84.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		405	464	492	362	148	791		3630	1267	
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	1143	489	234	171	122	104		2673	938	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.b's 16 & 17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/81

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HEINRICHS GEOEX

SEND	81-82	80-81	79-80	78-79	77-78	76-77		81-82	80-81	
RECEIVE	83-84	83-84	83-84	83-84	83-84	83-84		82.5-83.5	82.5-83.5	
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	600	51.2	10.88	3.64	1.70	.864		2530	140	
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	1414	413	256	172	140	114		2599	722	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 16 & 17

LINE 16, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/81

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HEINRICHS GEOEX

SEND	80-81	79-80	78-79	77-78	76-77		80-81	79-80		
RECEIVE	82-83	82-83	82-83	82-83	82-83		81.5-82.5	81.5-82.5		
MULTIPLIER										
PFE	5-6	4-5	3-4	2-3	1-2		~~5-4~~	5		
CUR. (AMPS)							5-6	4-5		
POINT NO.										
SEP. (n)										
H. F. MV	489	4139	2.92	3.51	1.57		2770	106		
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	1152	395	210	165	~~130~~		2040	546		
DRIFT MCF					130					
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 16x17

LINE 16, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/81

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HEINRICHS GEOEX

						78-79	79-80			
SEND		74-75	75-76	76-77	77-78	~~[illegible]~~	~~[illegible]~~			
RECEIVE		71-72	71-72	71-72	71-72	71-72	71-72			
MULTIPLIER										
PFE		1-2	2-3	3-4	4-5	5-6	6-7			
CUR. (AMPS)										
POINT NO.		n=2								
SEP. (n)										
H. F. MV		40.4	7.72	3.02	1.40	.605				
DRIFT										
1.0 PFE $K_n/1000$		2N	3	4	5	6				
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$		301	182	142	116	90.4				
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 16+17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/81

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HEINRICHS GEOEX

SEND		79-80	78-79	77-78	76-77	75-76	74-75		79-80	78-79	
RECEIVE		81-82	81-82	81-82	81-82	81-82	81-82		80.5-81.5	80.5-81.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		414	34.9	4.24	3.50	1.52	7.6		1370	83.7	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	976	329	218	165	125	77.1		1451	432	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru dib's 16 + 17

LINE 16, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/81

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HEINRICHS GEOEX

SEND	78-79	77-78	76-77	75-76	74-75	73-74		77-79	77-78	
RECEIVE	80-81	80-81	80-81	80-81	80-81	80-81		79.5-80.5	79.5-80.5	
MULTIPLIER										
PFE	6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	2.92	32.4	8.57	3.18	1.37	1.102		2150	92.9	
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	688	305	202	150	113	146		1583	474	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.b. 16+17

LINE 16, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/81

PAGE 141

HEINRICHS GEOEX

SEND		77-78	76-77	75-76	74-75	73-74	72-73		77-78	76-77	
RECEIVE		79-80	79-81	79-80	79-80	79-80	79-80		78.5-79.5	78.5-79.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)		354	346						2580	105.3	
H. F. MV		[illegible]	[illegible]	8.39	2.96	1.34	.726		[illegible]	[illegible]	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	834	326	198	140	110.5	96.1		1900	543	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.b. 16+17

LINE 16, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/6/81

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HEINRICHS GEOEX

SEND	76-77	75-76	74-75	73-74	72-73		76-77	75-76		
RECEIVE	78-79	78-79	78-79	78-79	78-79	~~78-79~~	77.5-78.5	77.5-78.5		
MULTIPLIER										
PFE	5-6	4-5	3-4	2-3	1-2		5-6	4-5		
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	434	392	7.43	2.70	1.29		2680	132		
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	1023	370	175	127	106		1973	620		
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

15, 01

I. P. RECEIVER NOTES, JOB NO._____, AREA_____

LINE 15, HALF_____, SR._____, a = 25', BEARING_____

SENDER STA._____ = ELECTRODE NO._____, DATE_____

PAGE 1A

HEINRICHS GEOEX

SEND											
RECEIVE											
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S runs through D.H. 14A

LINE 14, HALF _____, SP. _____, a = 25, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 2-28-81

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HEINRICHS GEOEX

SEND		95-94½	95-94½					95-94½	94½	-94	
RECEIVE		96-95½	96-95½	96-95½	96-95½	96-95½	96-95½	95¾-95¼	95¾-95¼		
MULTIPLIER		—									
PFE		7-6	5-5	5-3	3-2	2-1					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		8.21	43.5	12.1	4.88	2.48		176.0	90.9		
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	898	410	285.1	220.0	204.5		1295.9	468.5		
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 20

LINE 20, HALF _____, SP. _____, a = 25', BEARING E-W

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/1/81

PAGE 2C

HEINRICHS GEOEX

SEND		89-90	90-91	91-92		89-90	90-91				
RECEIVE		87-88	87-88	87-88		87½-88½					
MULTIPLIER											
PFE	elect.	4-5	5-6	6-7		4-5	5-6				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		351	27.9	7.15		8440	82.6				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	827.0	268.0	168.5		2532.9	425.7				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 20

LINE 20, HALF _____, SP. _____, a = 25', BEARING E-W

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/1/81

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HEINRICHS GEOEX

SEND		91-92	91-90	90-89	89-88	88-87	87-86		91-92	91-90	
RECEIVE		93-94	93-94	93-94	93-94	93-94	93-94		92½-93½	92½-93½	
MULTIPLIER											
PFE elect		6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		453	27.0	7.61	2.86	1.34	.946		3540	118	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1067.4	[illegible]	179.3	134.8	110.5	111.6		2106.5	608.2	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 20

LINE 20, HALF _____, SP. _____, a = 25, BEARING E-W

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/1/81

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HEINRICHS GEOEX

SEND		90-91	90-89	89-88	88-87	87-86	86-85		90-91	89-90	
RECEIVE		92-93	92-93	92-93	92-93	92-93	92-93		92.5-91.5	92.5-91.5	
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2		6-7	5-6	
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		597	34.5	7.78	2.74	1.43	.813		4620	107	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	3406.6	525.3	153.2	129.1	117.2	107.3		3409.1	551.5	
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA E-W Line through D.H.20

LINE 20, HALF_____, SP._____, a = 25', BEARING E-W

SENDER STA._____ = ELECTRODE NO._____, DATE 3/1/81

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HEINRICHS GEOEX

SEND	[illegible]	89-90	88-89	87-88	86-87	85-86	84-85	89-90	88-89	
RECEIVE	[illegible]	91-92	91-92	91-92	91-92	91-92	91-92	90.5-91.5		
MULTIPLIER										
PFE	[illegible]	6-7	5-6	4-5	3-4	2-3	1-2	6-7	5-6	
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	[illegible]	5.13	32.7	7.21	2.86	1.37	[illegible]	29.20	92.0	
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$		1208.7	808.7	169.9	124.8	113.0	107.9	2886.2	479.3	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 20

LINE 20, HALF _____, SP. _____, a = 25', BEARING E-W

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/1/81

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HEINRICHS GEOEX

SEND	88-89	87-88	86-87	85-86	84-85		88-89		87-88	
RECEIVE	90-91	90-91	90-91	90-91	90-91		89.5-90.5		89.5-90.5	
MULTIPLIER										
PFE	5-6	4-5	3-4	2-3	1-2		5-6		4-5	
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	415	28.2	7.22	2.7	1.38		3420		75.2	
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	977.8	965.8	170.1	127.2	113.8		2518.7		387.6	
DRIFT MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

D.H. #20 at electrode 89

I. P. RECEIVER NOTES, JOB NO. _____, AREA E-W line through D.H. 20

LINE 20, HALF _____, SP. _____, a = 50', BEARING E-W

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/2/81

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HEINRICHS GEOEX

SEND		83-85	85-87	87-89	89-91	91-93	93-95				
RECEIVE		79-81	79-81	"	"						
MULTIPLIER											
PFE		1-2	2-3	3-4	4-5	5-6	6-7				
CUR. (AMPS)											
POINT NO.											
SEP. (n)				2.43	1.18						
H. F. MV		41.5	6.82	~~2.43~~	~~11.2~~	.614	.243				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	125.6	128.6	114.5	111.2	101.3	90.5				
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB No._____, AREA E-W line through O.H. 20

LINE 20, HALF_____, SP._____, a = 50', BEARING E-W

SENDER STA._____ = ELECTRODE No._____, DATE 3/2/81

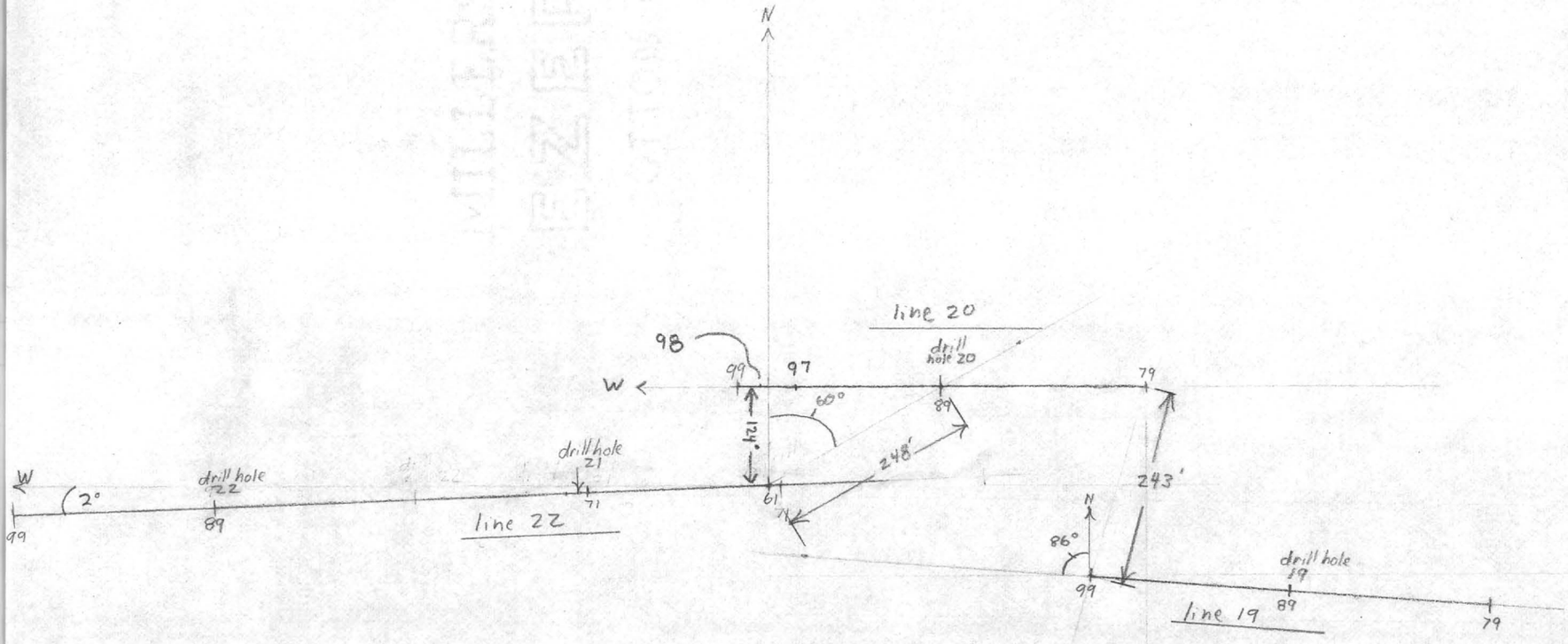
HEINRICHS GEOEX

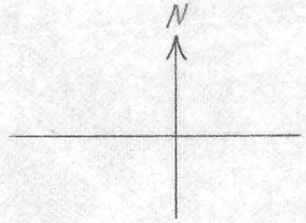
SEND	87-85	87-89	89-91	91-93	93-95						
RECEIVE	83-81	93-81									
MULTIPLIER											
PFE	2-3	3-4	4-5	5-6	1-7						
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV	40.9	1.95	2.49	1.18	1.68						
DRIFT											
1.0 PFE K_n/1000											
0.3 PFE ρ_{CAL}											
0.1 PFE PFE_c											
3.0 MV $\rho/2\pi$	192.7	121.6	117.3	111.2	101.7						
DRIFT MCF											
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

PLOT ORIGINALS

PAGE #

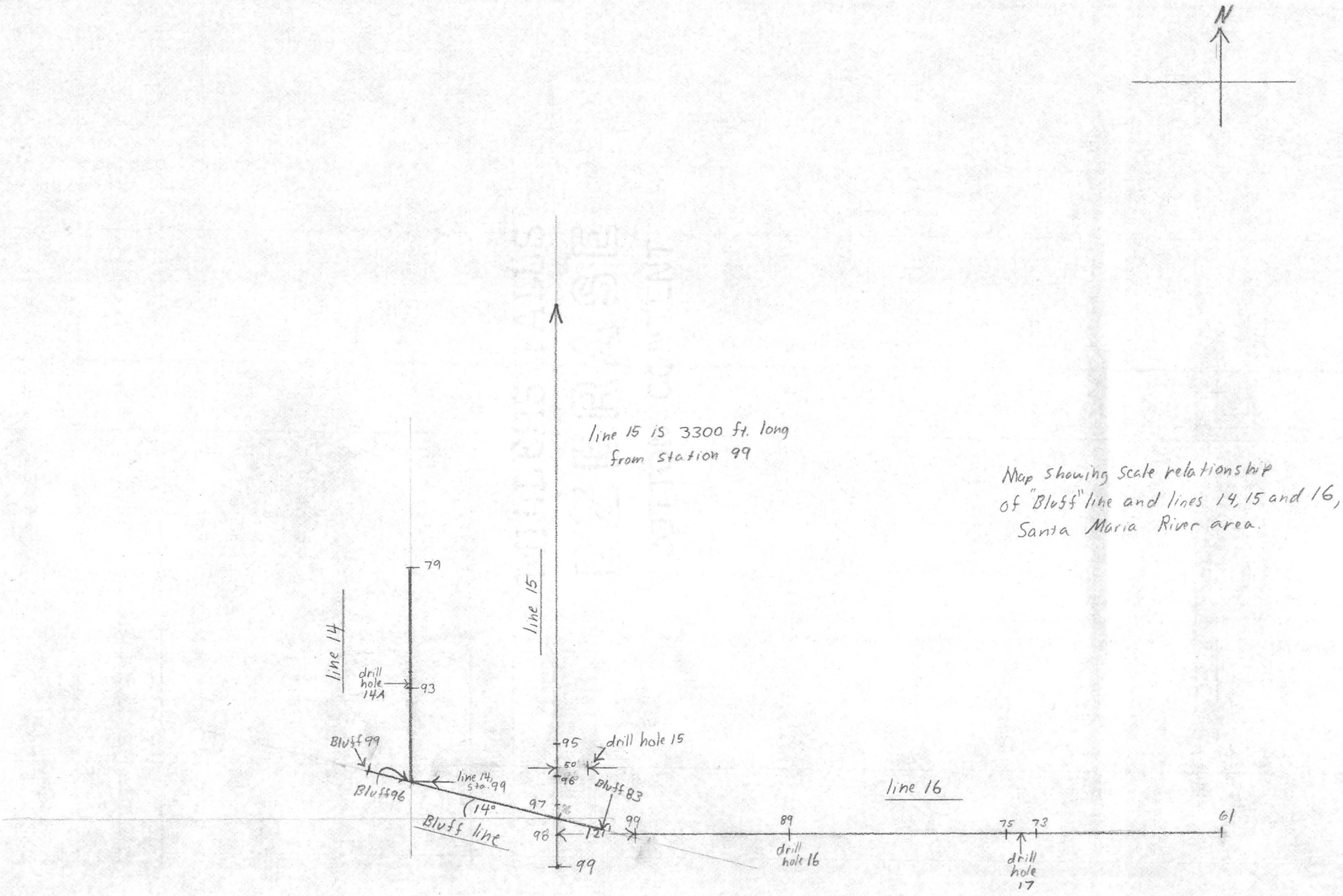
LINE	25'	50'
14	✓ PG 14	NONE
15	✓ PG 15	✓
16	✓ PG 16 A & B	✓
19	✓ PG 19	✓
20	✓ PG 20	✓
15	15-A	—
15	—	15-B





Map showing scale relationship of lines 19, 20 and 22, Santa Maria River area

1" = 200 ft.
20 scale


N
line 15 is 3300 ft. long
from station 99
Map showing Scale relationship
of "Bluff" line and lines 14, 15 and 16,
Santa Maria River area.
line 14
line 15
line 16
79
drill hole 14A
93
Bluff 99
Bluff 96
line 14 sta. 99
(14°
Bluff line
95
drill hole 15
50'
96
Bluff 83
97
98
121
99
99
89
drill hole 16
75
73
drill hole 17
61
1" = 200 ft.
20 rule scale

HEINRICHS GEOEXPLORATION COMPANY
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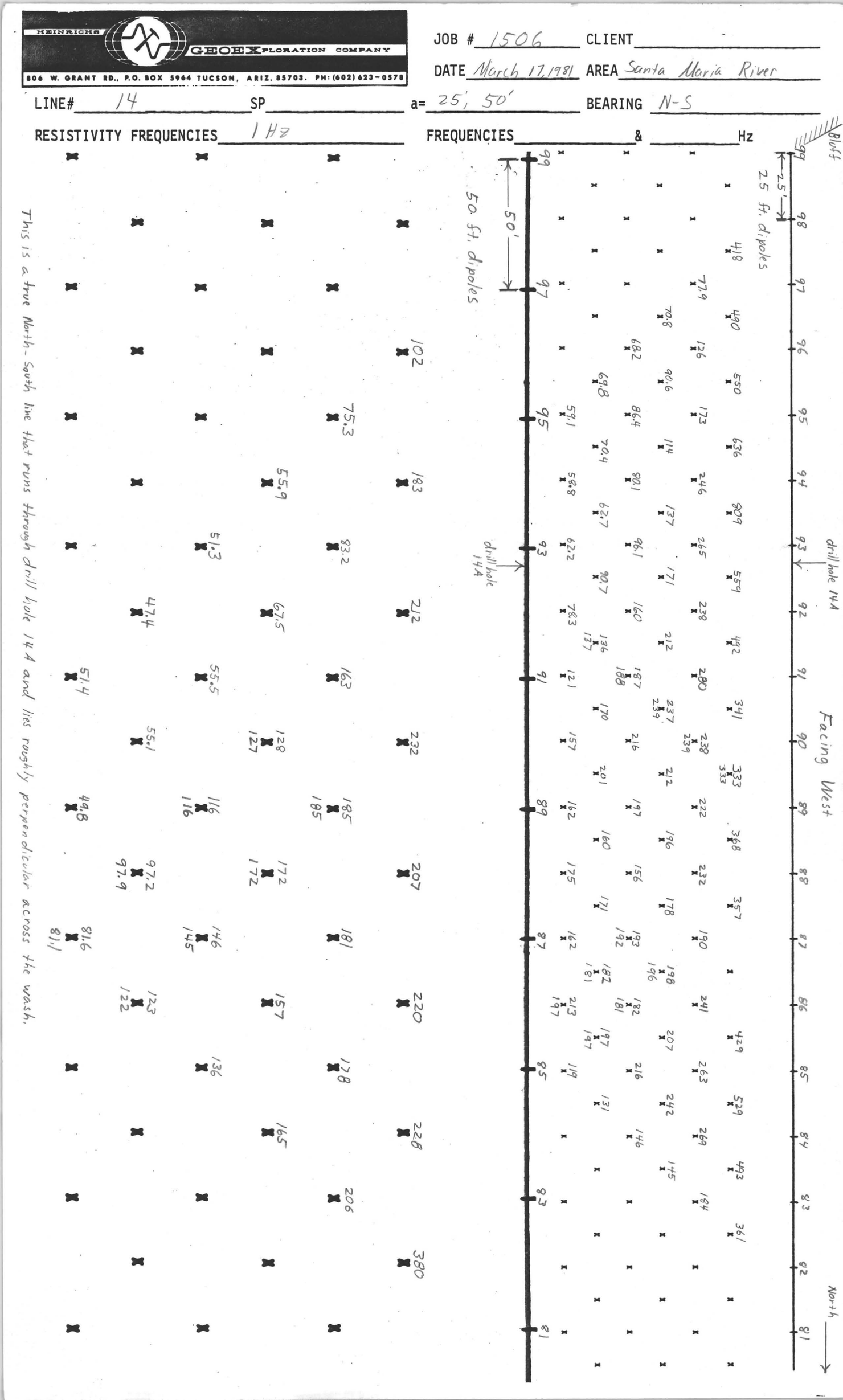
JOB # 1506 CLIENT

DATE March 17, 1981 AREA Santa Maria River

LINE# 14 SP a= 25', 50' BEARING N-S

RESISTIVITY FREQUENCIES 1 Hz FREQUENCIES & Hz



This is a true North-South line that runs through drill hole 14A and lies roughly perpendicular across the wash.

MEINRICHS GEOEXPLORATION COMPANY

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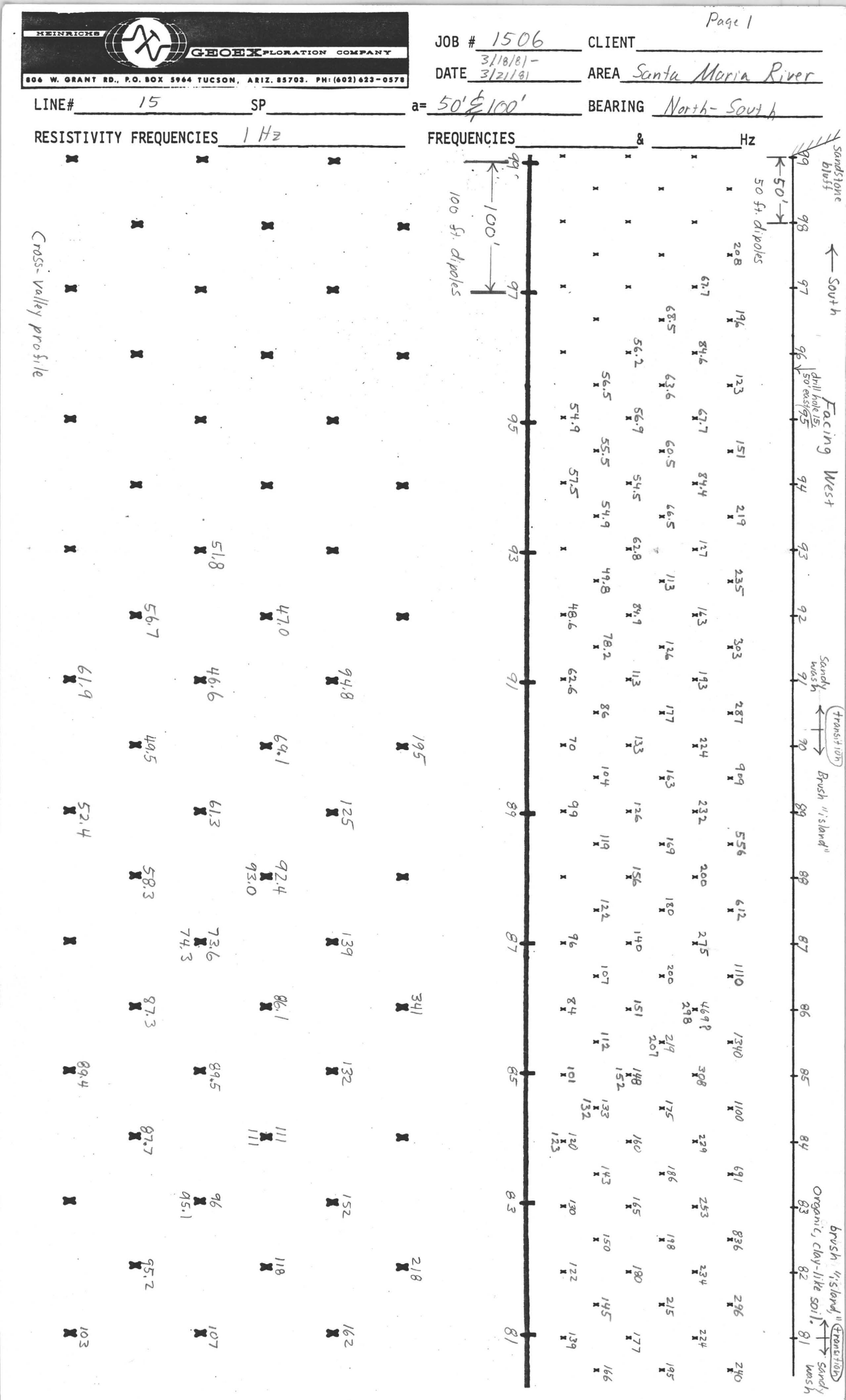
JOB # 1506 CLIENT

DATE 3/18/81 - 3/21/81 AREA Santa Maria River

LINE# 15 SP a= 50' & 100' BEARING North-South

RESISTIVITY FREQUENCIES 1 Hz FREQUENCIES & Hz



HEINRICHS GEOEXPLORATION COMPANY
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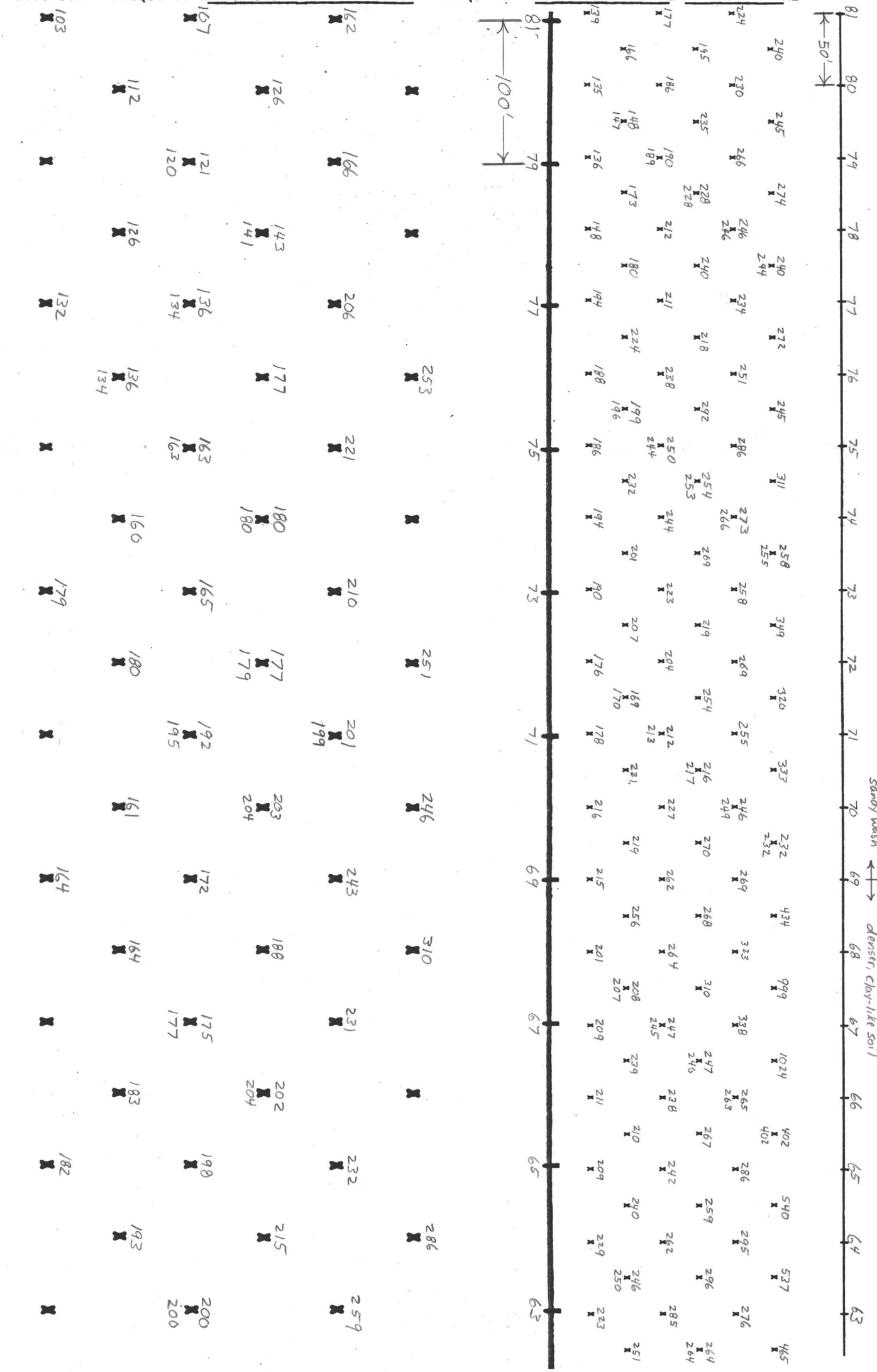
JOB # 1506 CLIENT

DATE 3/18/81 - 3/21/81 AREA Santa Maria River

LINE# 15 SP a= 50' & 100' BEARING N-S

RESISTIVITY FREQUENCIES 1 Hz FREQUENCIES & Hz



HEINRICHS GEOEXPLORATION COMPANY
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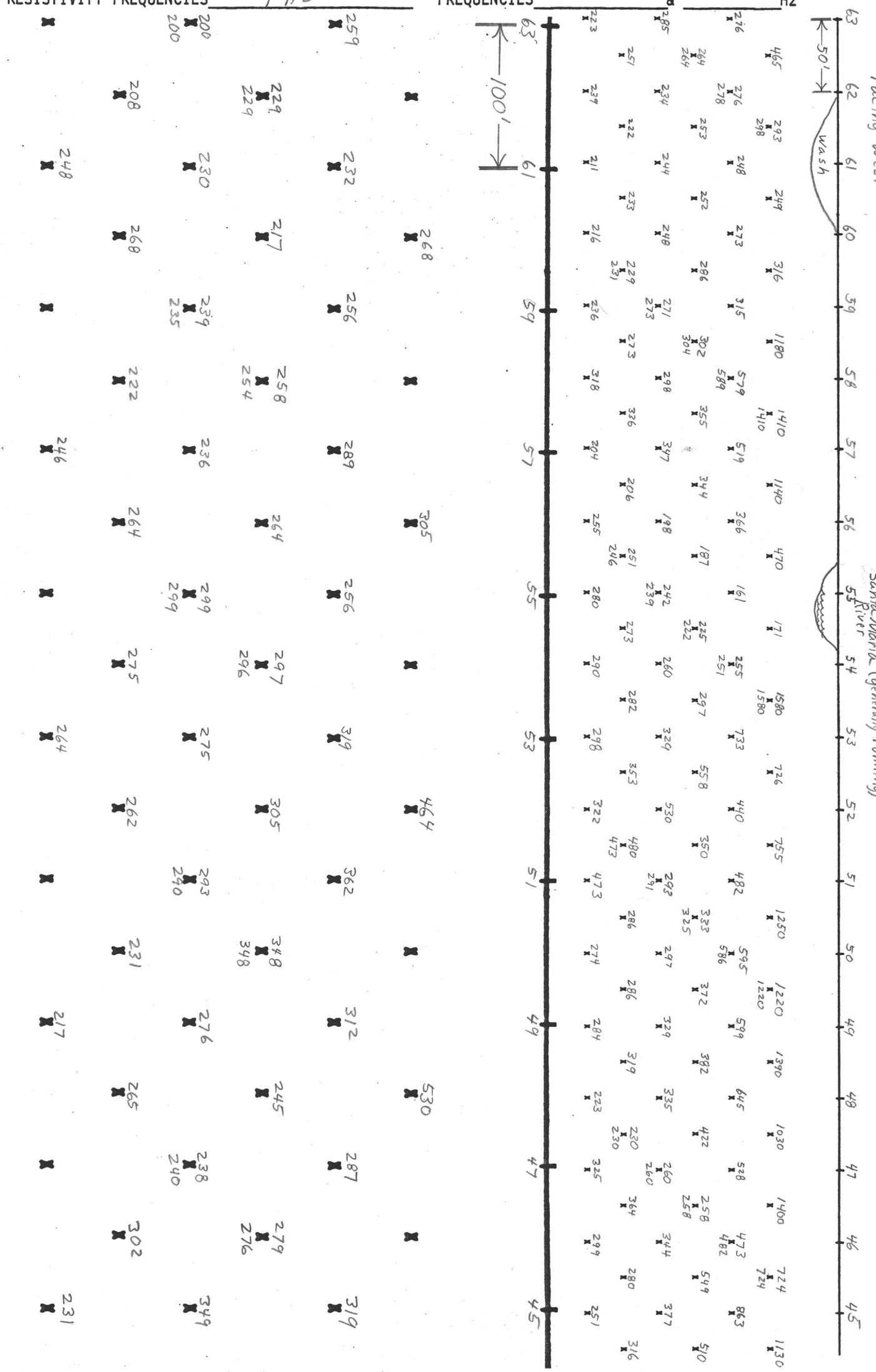
JOB # 1506 CLIENT
DATE 3/18/81-3/21/81 AREA Santa Maria River

LINE# 15 SP a= 50' & 100' BEARING N-S

RESISTIVITY FREQUENCIES 1 Hz FREQUENCIES & Hz



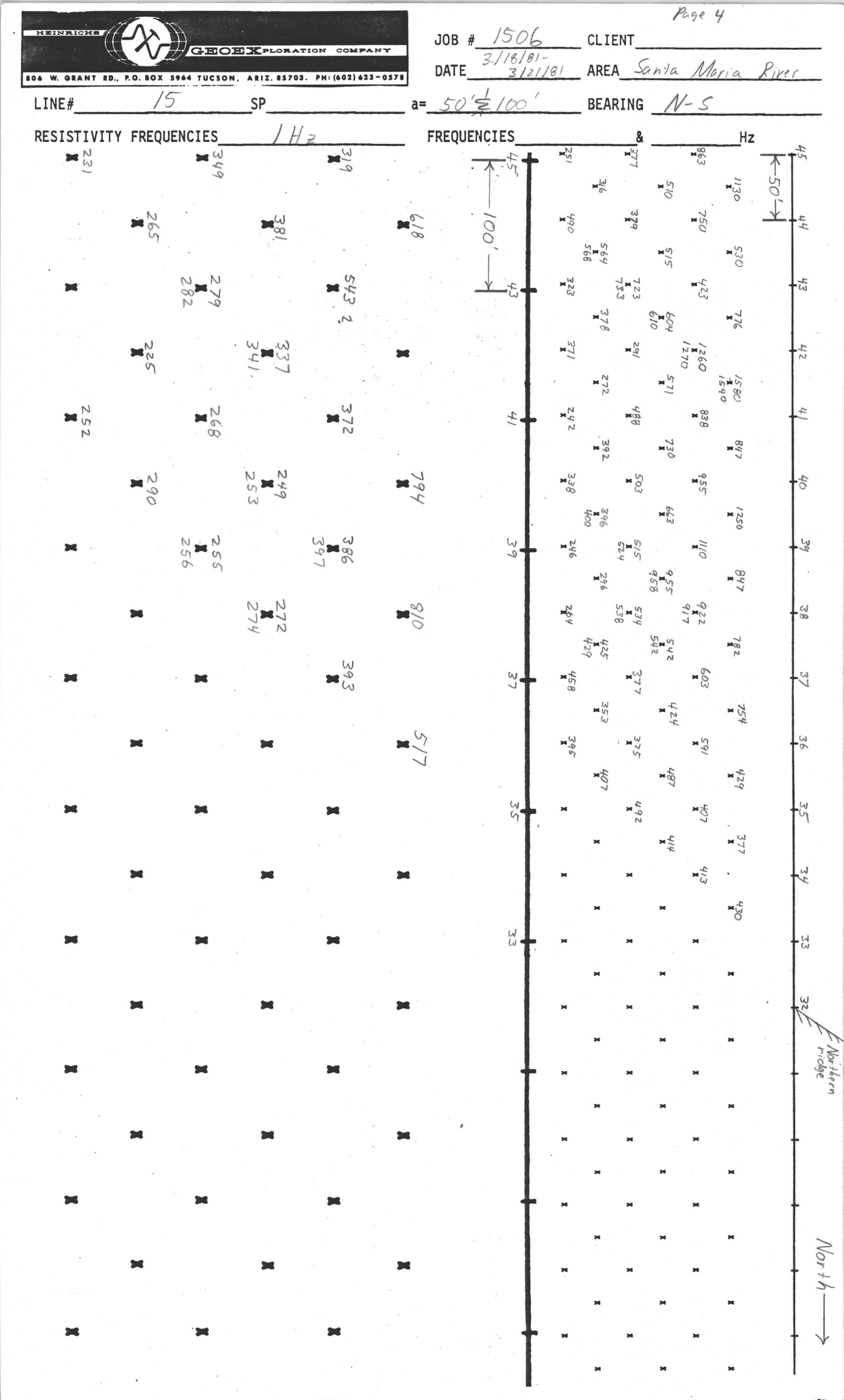
MEINRICH'S GEOEXPLORATION COMPANY
806 W. GRANT RD., P.O. BOX 5964 TUCSON, ARIZ. 85703. PH: (602) 623-0578

JOB # 1506 CLIENT

DATE 3/18/81 - 3/21/81 AREA Santa Maria River

LINE# 15 SP a= 50' & 100' BEARING N-S

RESISTIVITY FREQUENCIES 1 Hz FREQUENCIES & Hz



HEINRICHS GEOEXPLORATION COMPANY

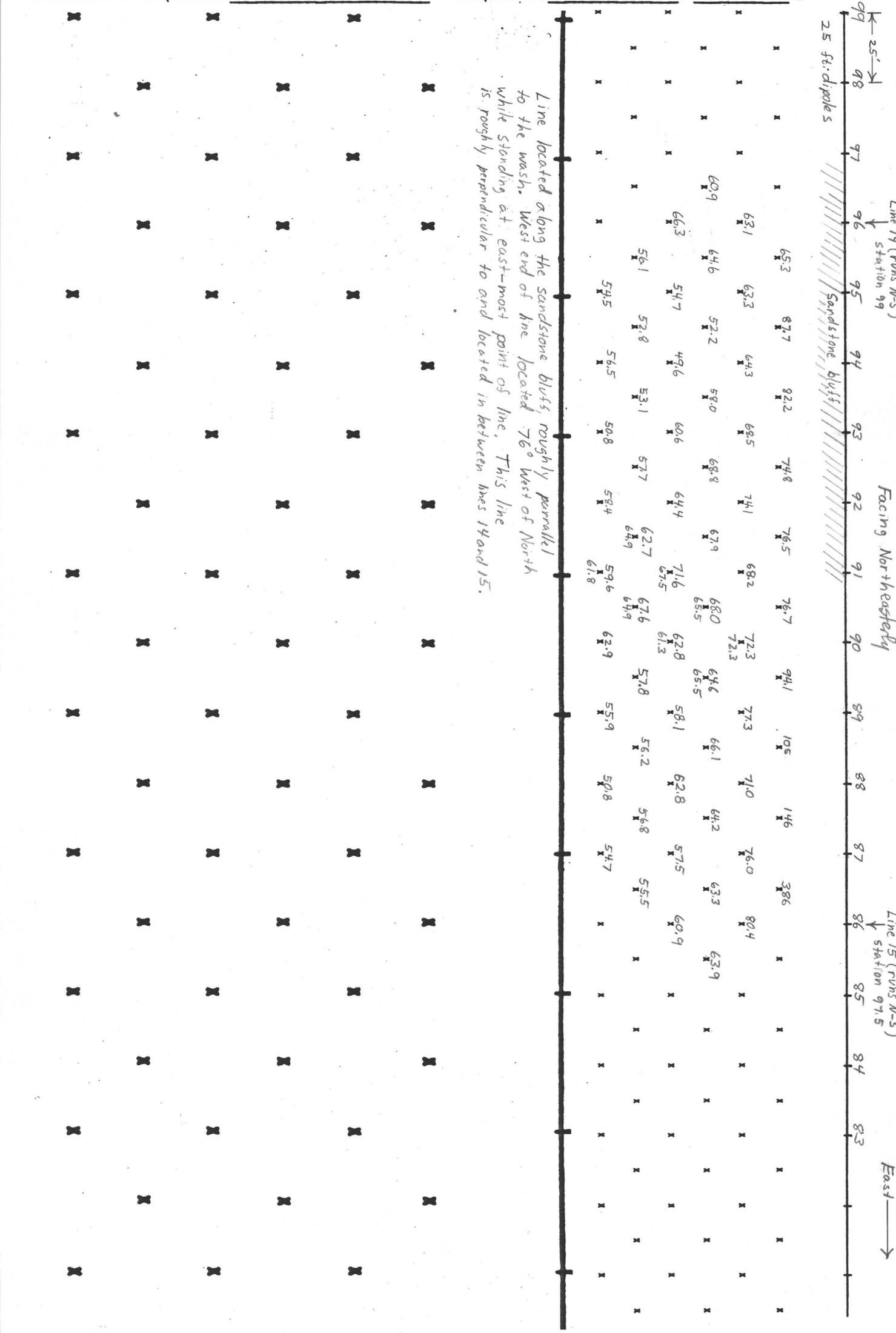
806 W. GRANT RD., P.O. BOX 5964 TUCSON, ARIZ. 85703. PH: (602) 623-0578

JOB # 1506 CLIENT

DATE March 16, 1981 AREA Santa Maria River

LINE# Bluff SP a= 25' BEARING 76° W of N

RESISTIVITY FREQUENCIES 1 Hz FREQUENCIES & Hz



Line located along the sandstone bluff, roughly parralel to the wash. West end of line located 76° West of North while standing at east-most point of line. This line is roughly perpendicular to and located in between lines 14 and 15.

HEINRICHS GEOEXPLORATION COMPANY
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JOB # *1506* CLIENT

DATE *3/14/81–3/16/81* AREA *Santa Maria River*

LINE# *22* SP a= *25', 50'* BEARING *92° W of N*

RESISTIVITY FREQUENCIES *1 Hz* FREQUENCIES & Hz

HEINRICHS GEOEXPLORATION COMPANY

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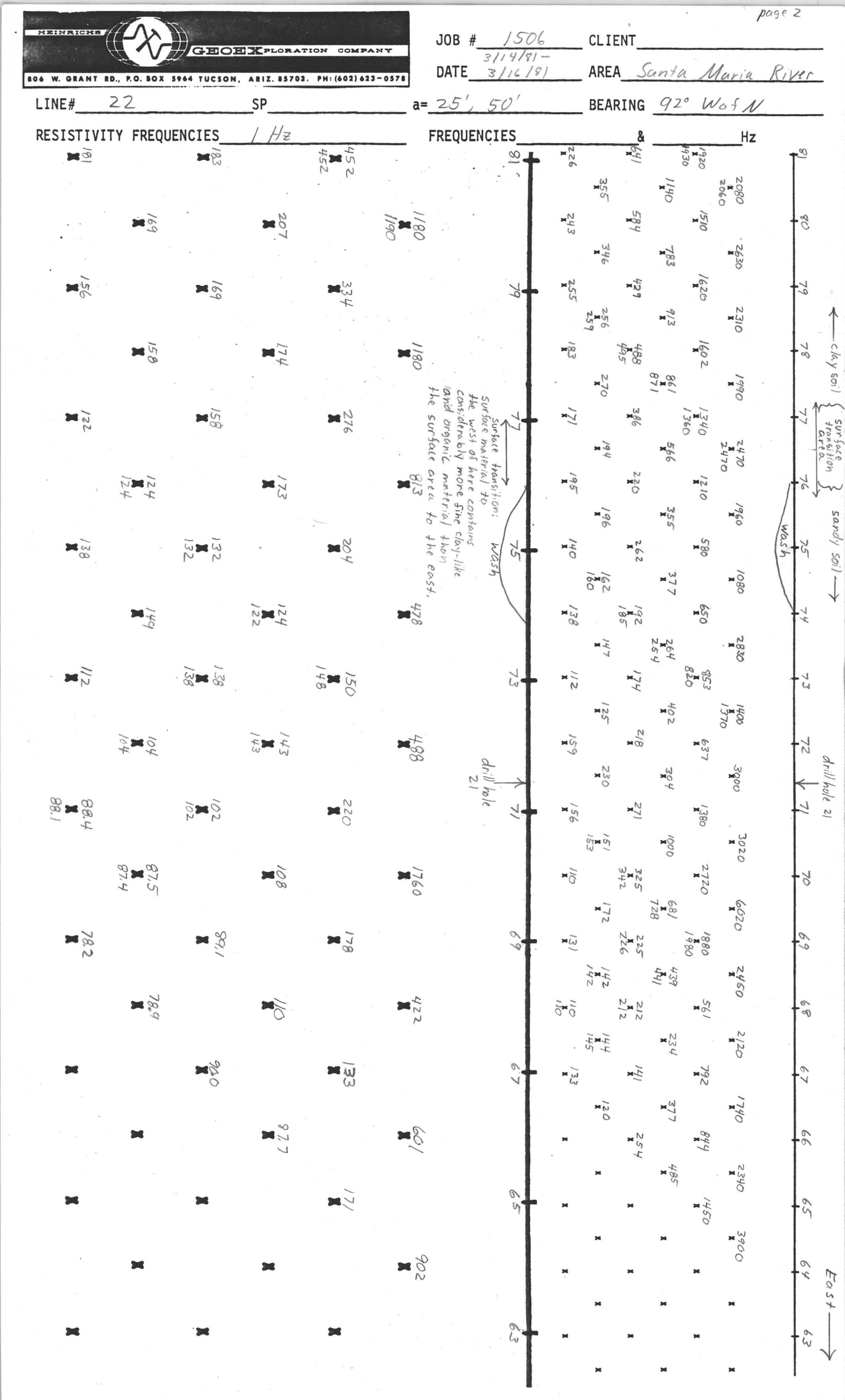
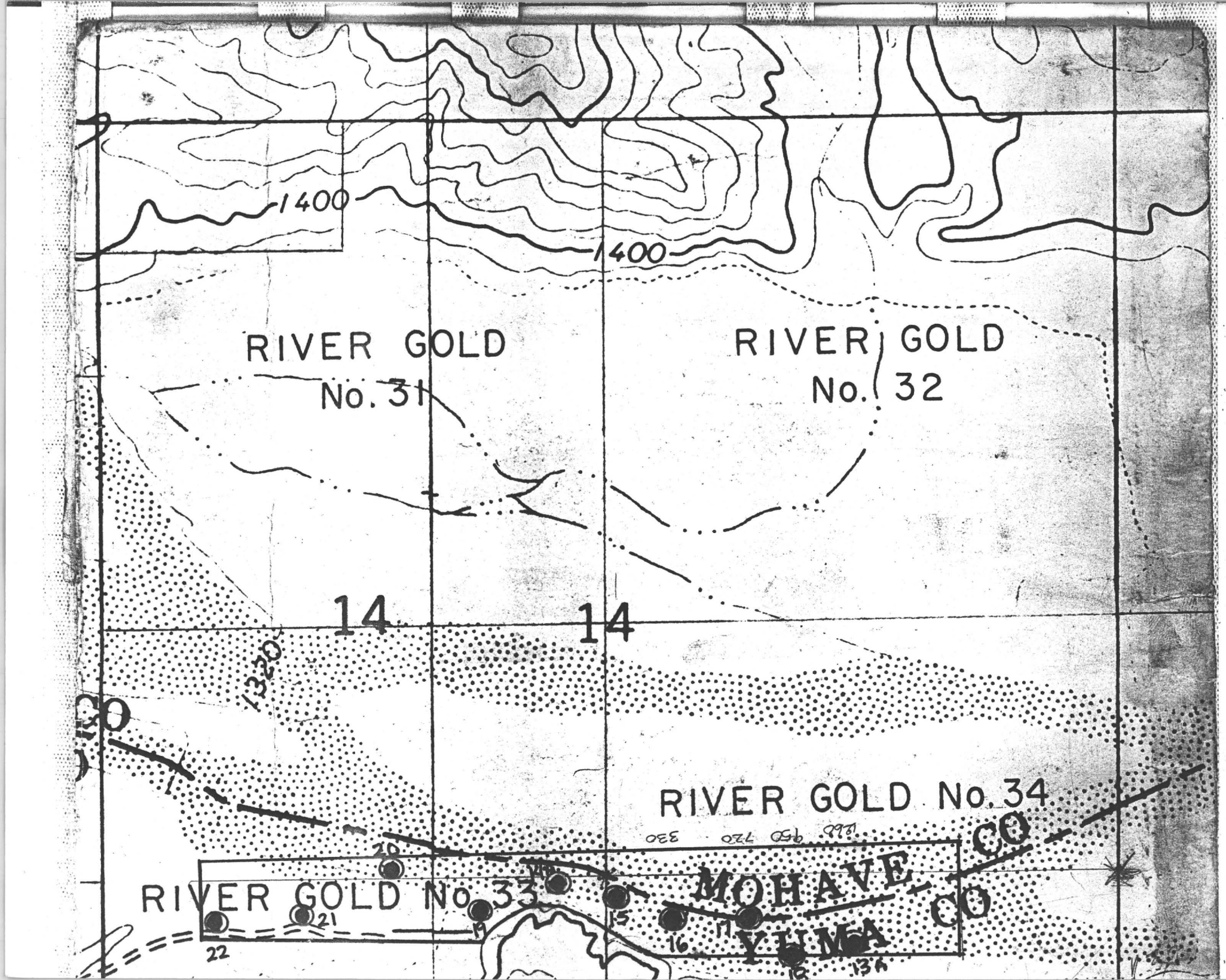
JOB # 1506 CLIENT

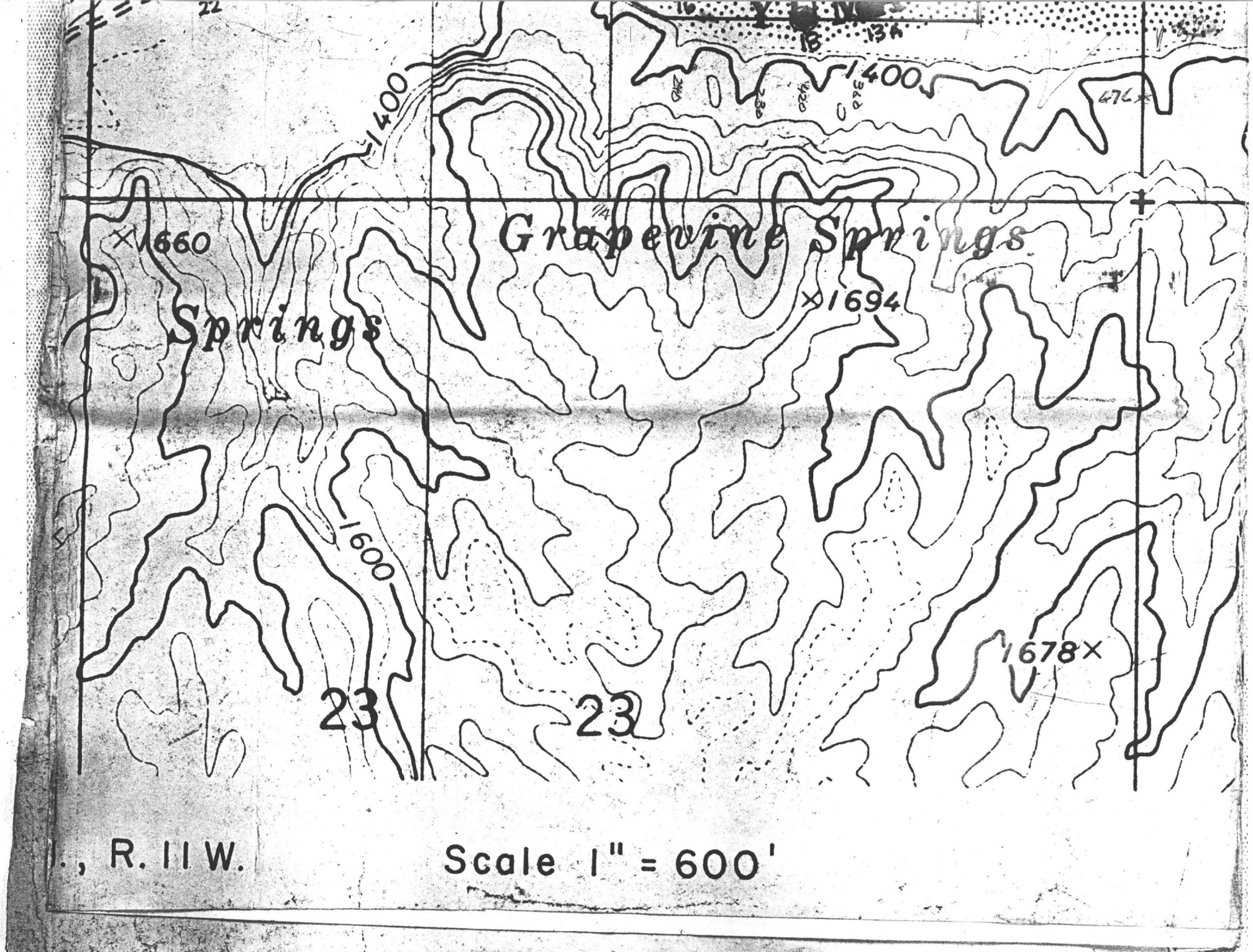
DATE 3/14/81 – 3/16/81 AREA Santa Maria River

LINE# 22 SP a= 25', 50' BEARING 92° W of N

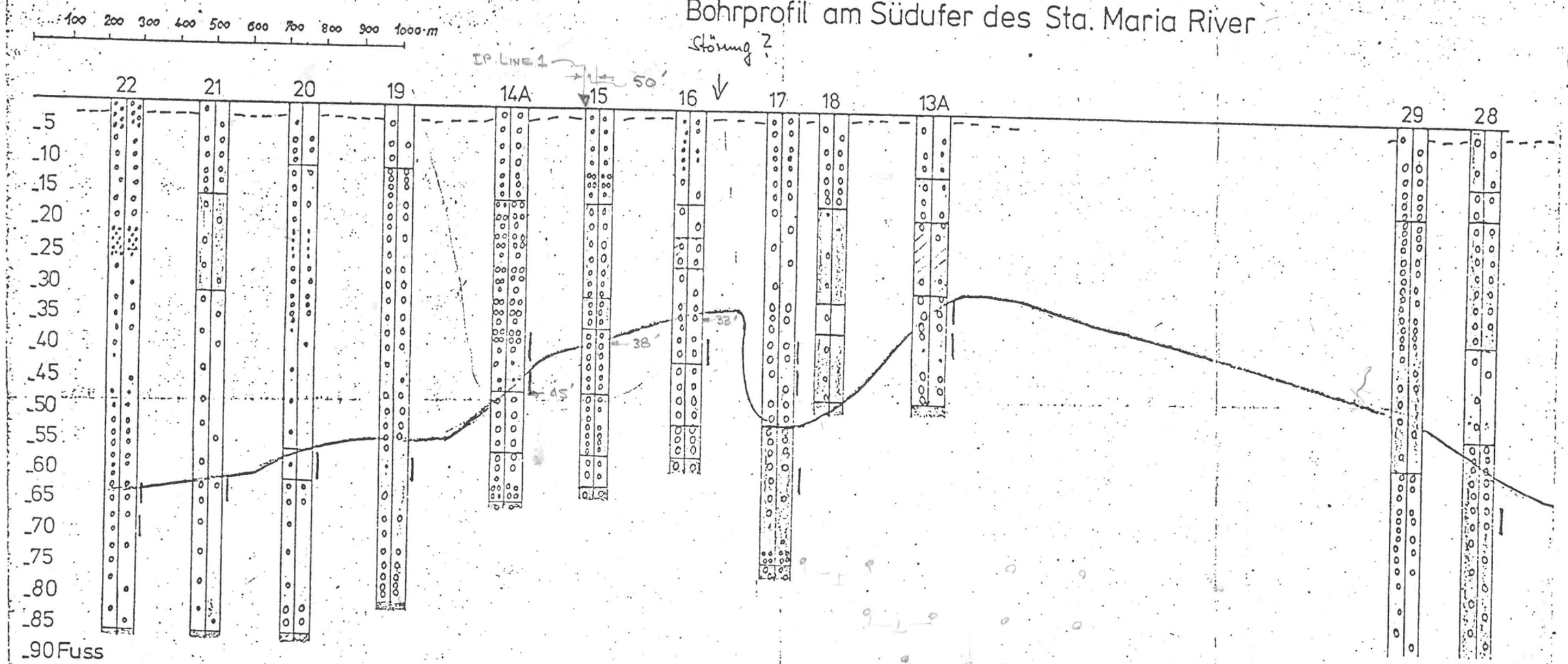
RESISTIVITY FREQUENCIES 1 Hz FREQUENCIES & Hz




1400
1400
RIVER GOLD
No. 31
RIVER GOLD
No. 32
14
14
1320
RIVER GOLD No. 34
RIVER GOLD No. 33
MOHAVE CO
YUMA CO
20
21
22
15
16
11
13
18


1400
1400
1660
Springs
Grapevine Springs
1694
1600
1678
23
23
., R. 11 W.
Scale 1" = 600'

Bohrprofil am Südufer des Sta. Maria River



LEGENDE

- gelber Sand
- bräunlicher Sand
- rötlicher Sand
- brauner Sand
- lehmiger Sand
- Bedrock
- 10% Geröll, jeder Punkt oder Kreis pro Quadrat bedeutet 5%
- --- Die gestrichelte Linie zeigt masstabgerecht die Tiefe der Bohrlöcher
- _____ mögl. Oberkante des löffigen Schicht

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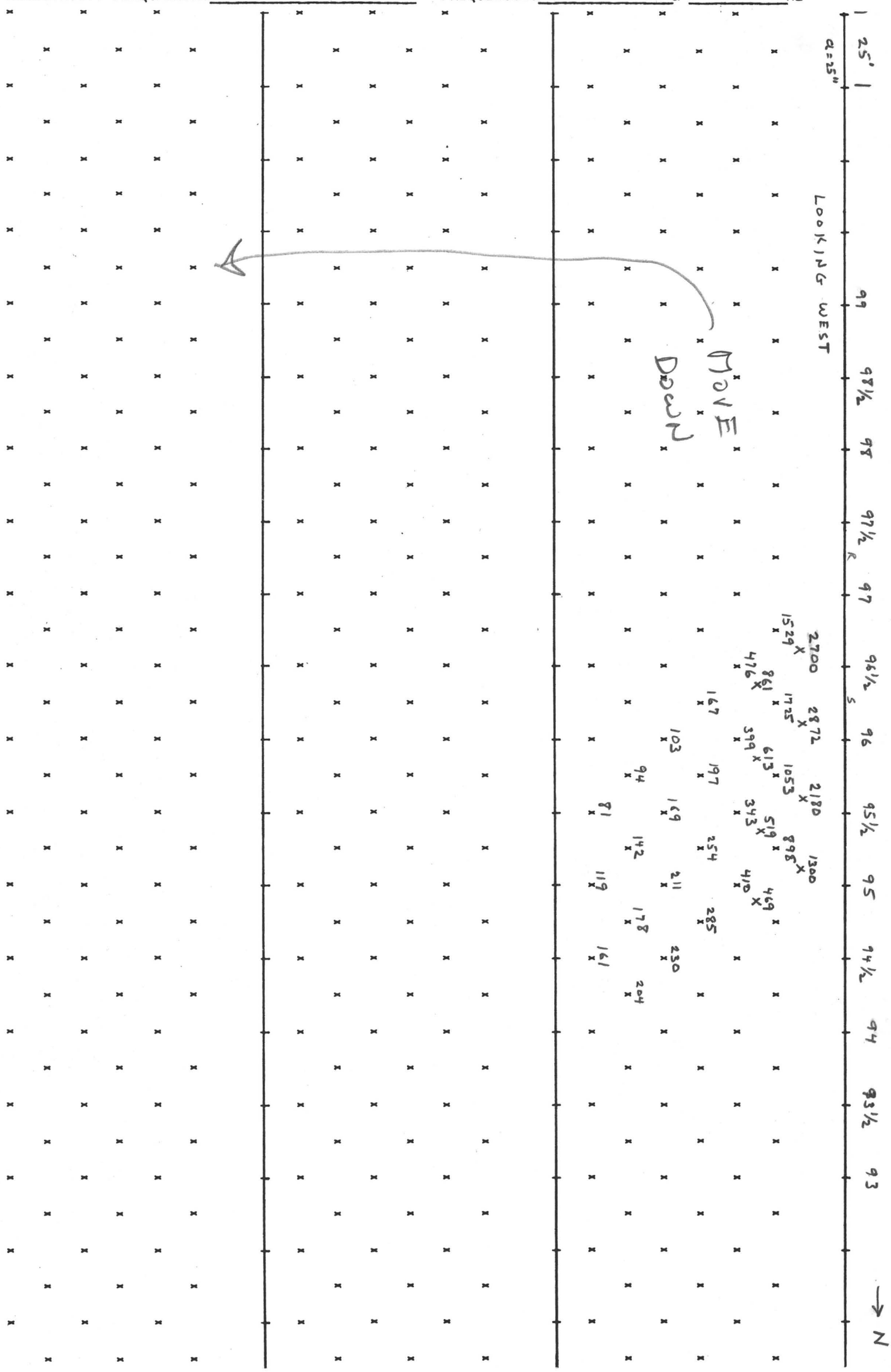
JOB # 1506 CLIENT

DATE AREA SANTA MARIA RIVER

LINE# 14 SP PG 14 a= 25' BEARING 0° (S-N)

RESISTIVITY FREQUENCIES 1.0 HZ FREQUENCIES & Hz



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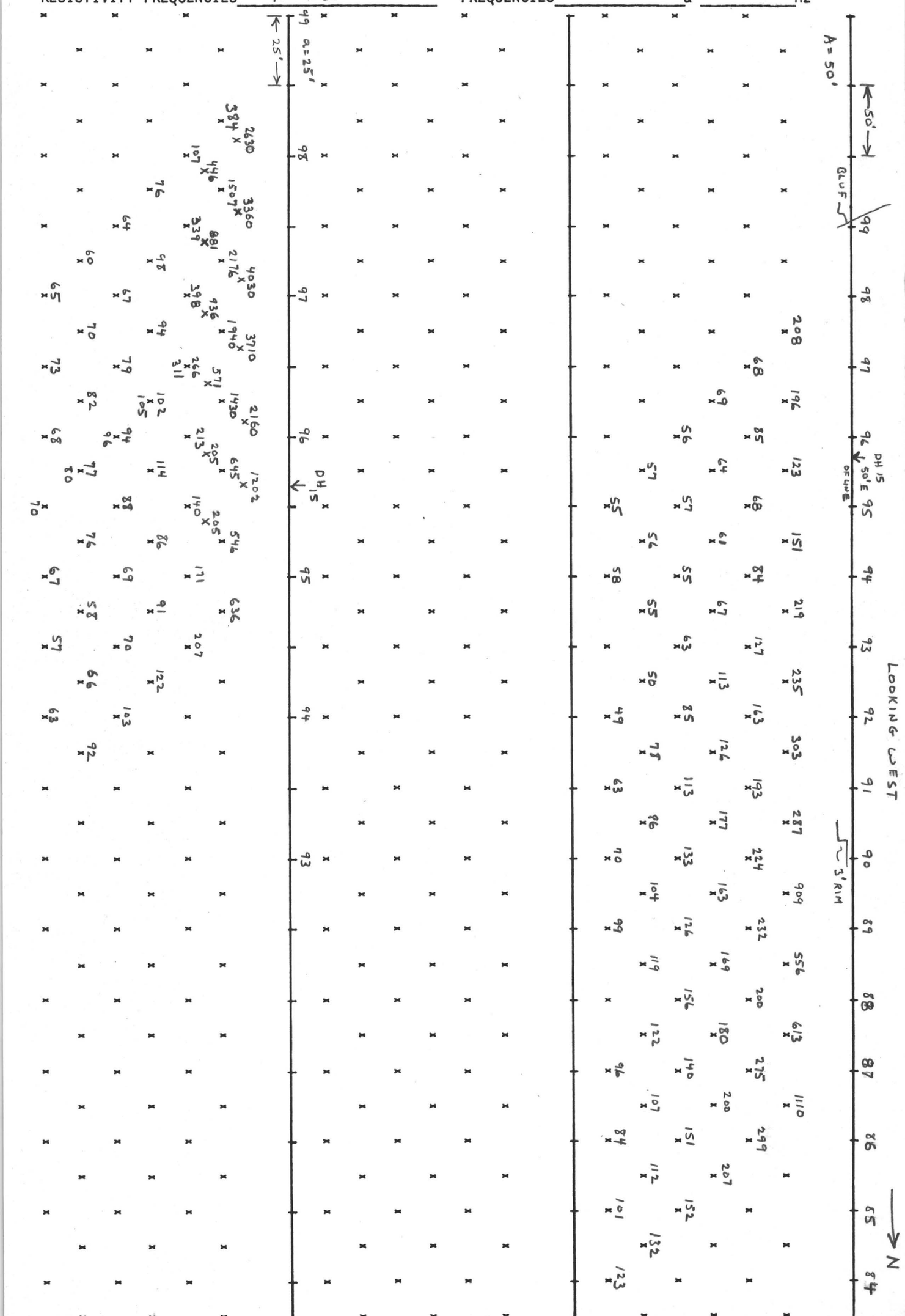
JOB # 1506 CLIENT

DATE 2/27/81 AREA SANTA MARIA RIVER

LINE# 15 PG 15 a= 50' AND 25' BEARING 0° (S-N)

RESISTIVITY FREQUENCIES 1.0 HZ FREQUENCIES & Hz



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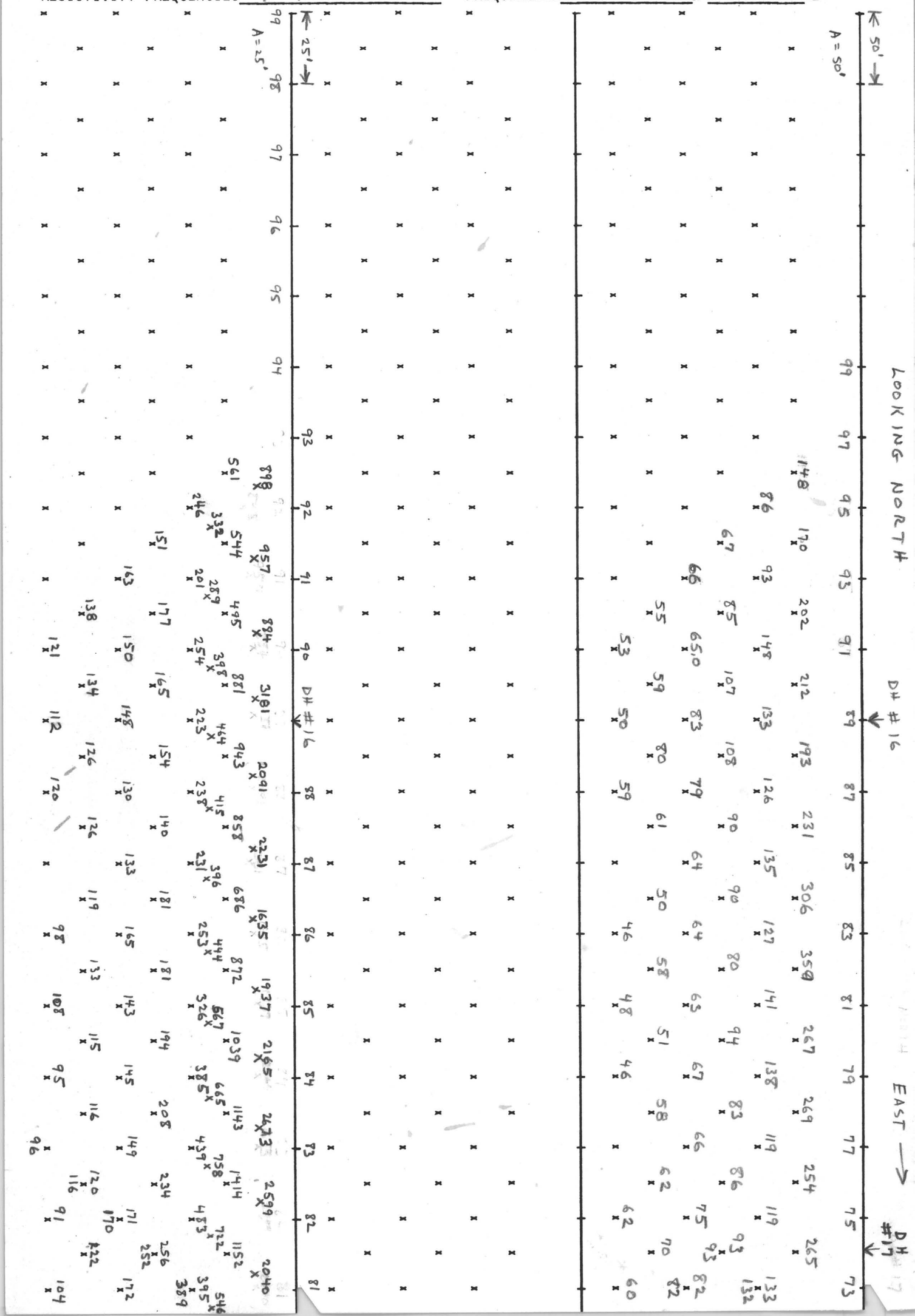
JOB # 1506 CLIENT

DATE 3/4-6/81 AREA SANTA MARIA RIVER

LINE# 16E (DH16,17) SP PAGE 16 A a= 50', 25' BEARING 90° (W-E)

RESISTIVITY FREQUENCIES 1.0 HZ FREQUENCIES & Hz



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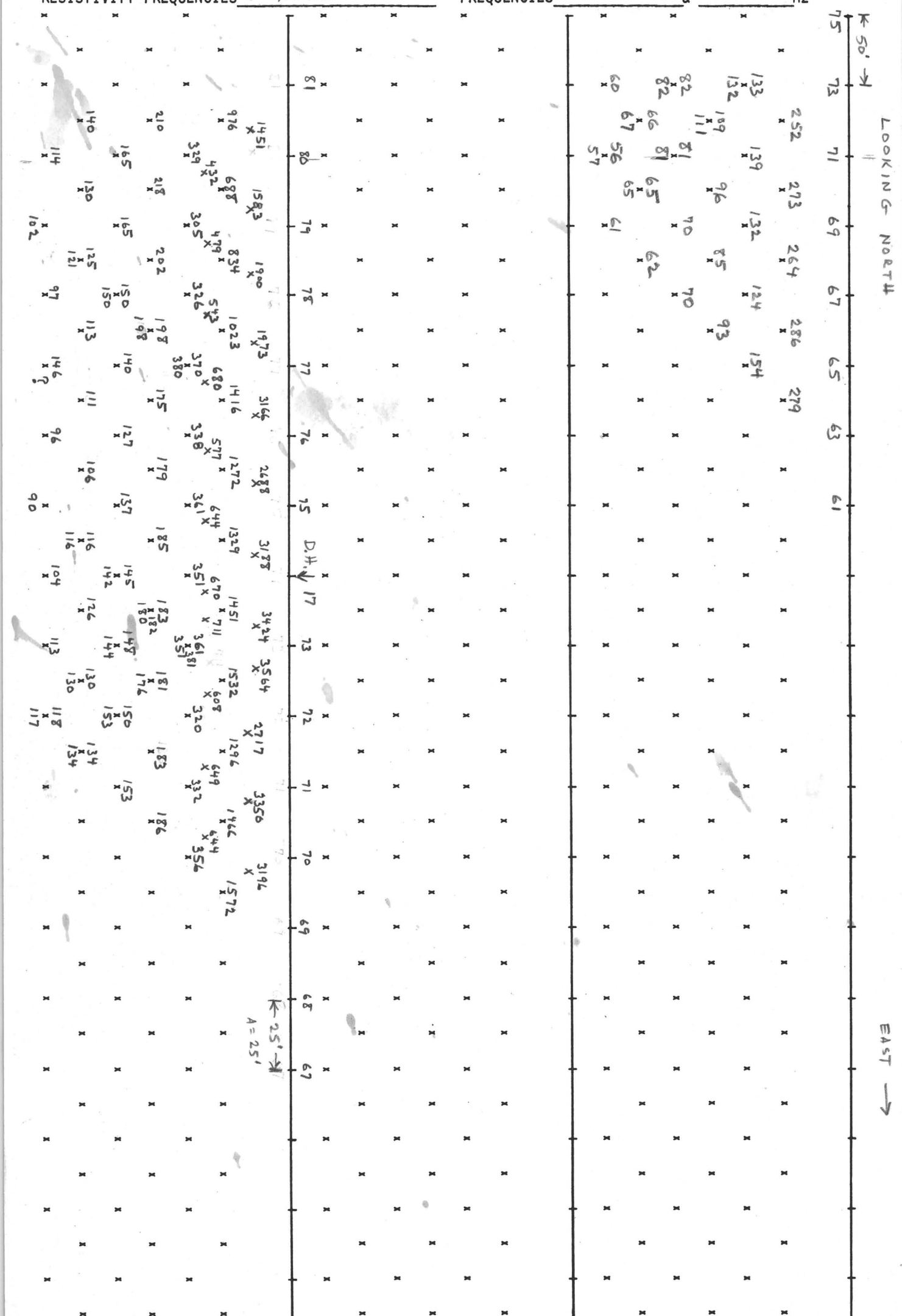
JOB # 1506 CLIENT

DATE 3/4-6/81 AREA SANTA MARIA RIVER

LINE# 16W (DH 16, 17) SP PAGE 16 B a= 50', 25' BEARING 90° (W-E)

RESISTIVITY FREQUENCIES 1.0 HZ FREQUENCIES & Hz



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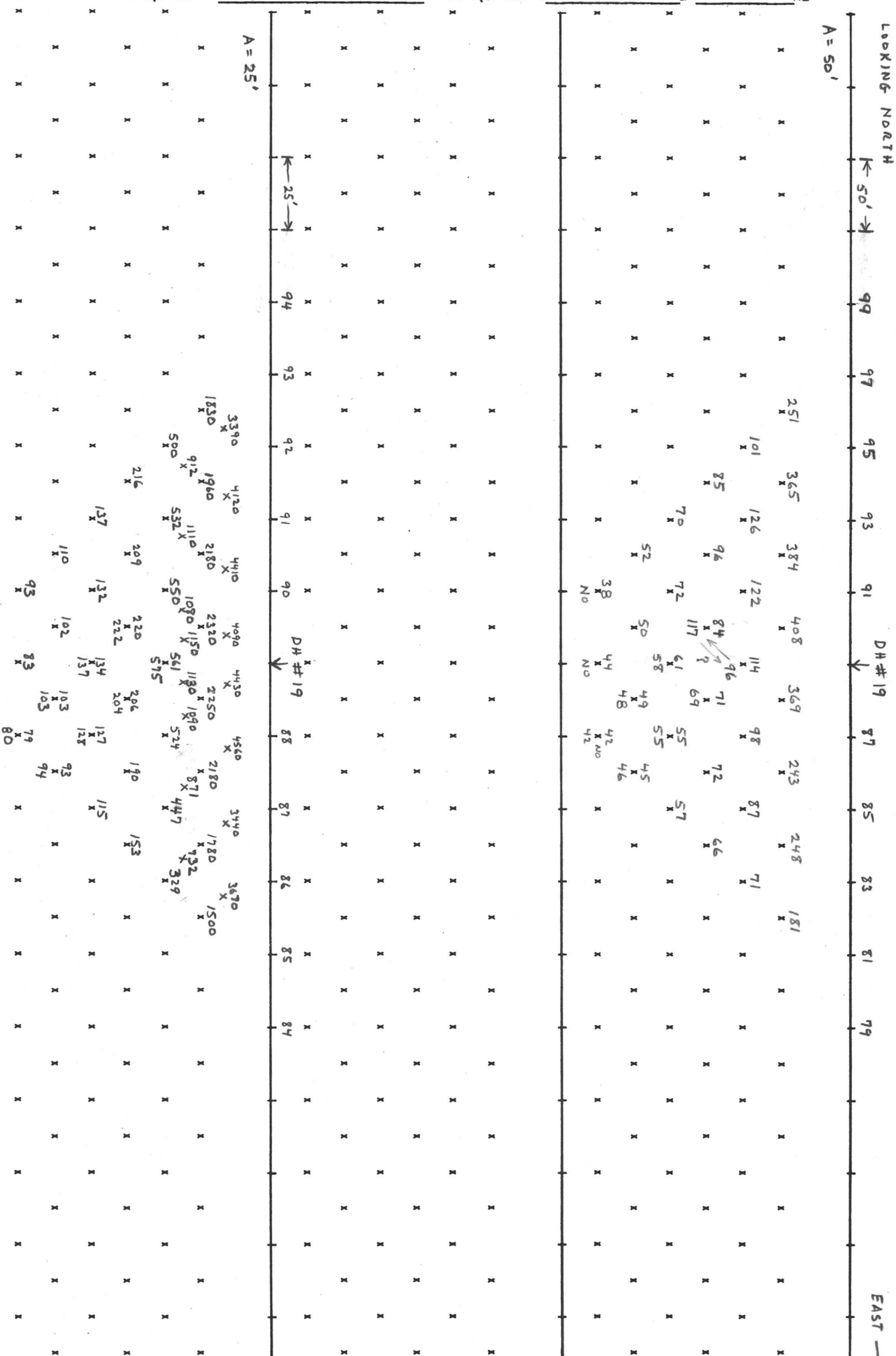
JOB # 1506 CLIENT

DATE 3/2-3/81 AREA SANTA MARIA RIVER

LINE# 19 PAGE 19 a= 50' AND 25' BEARING 86° W OF NORTH

RESISTIVITY FREQUENCIES 1.0 HZ FREQUENCIES & Hz



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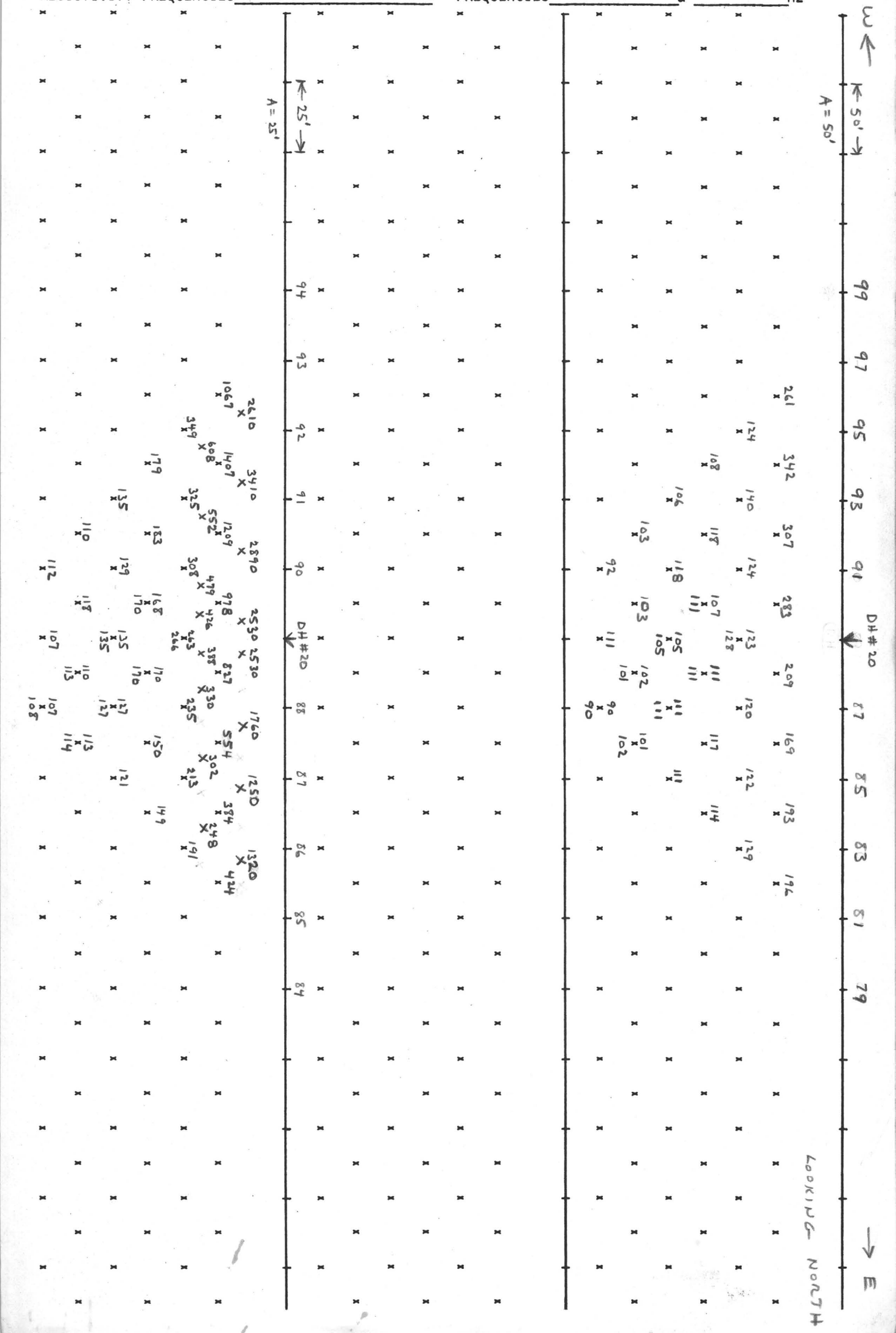
JOB # 1506 CLIENT

DATE 3-12-81 AREA SANTA MARIA RIVER

LINE# 20 PAGE 20 a= 25, 50 BEARING APP 90° (W-E)

RESISTIVITY FREQUENCIES 1.0 HZ FREQUENCIES & Hz



HEINRICHS GEOEXPLORATION COMPANY
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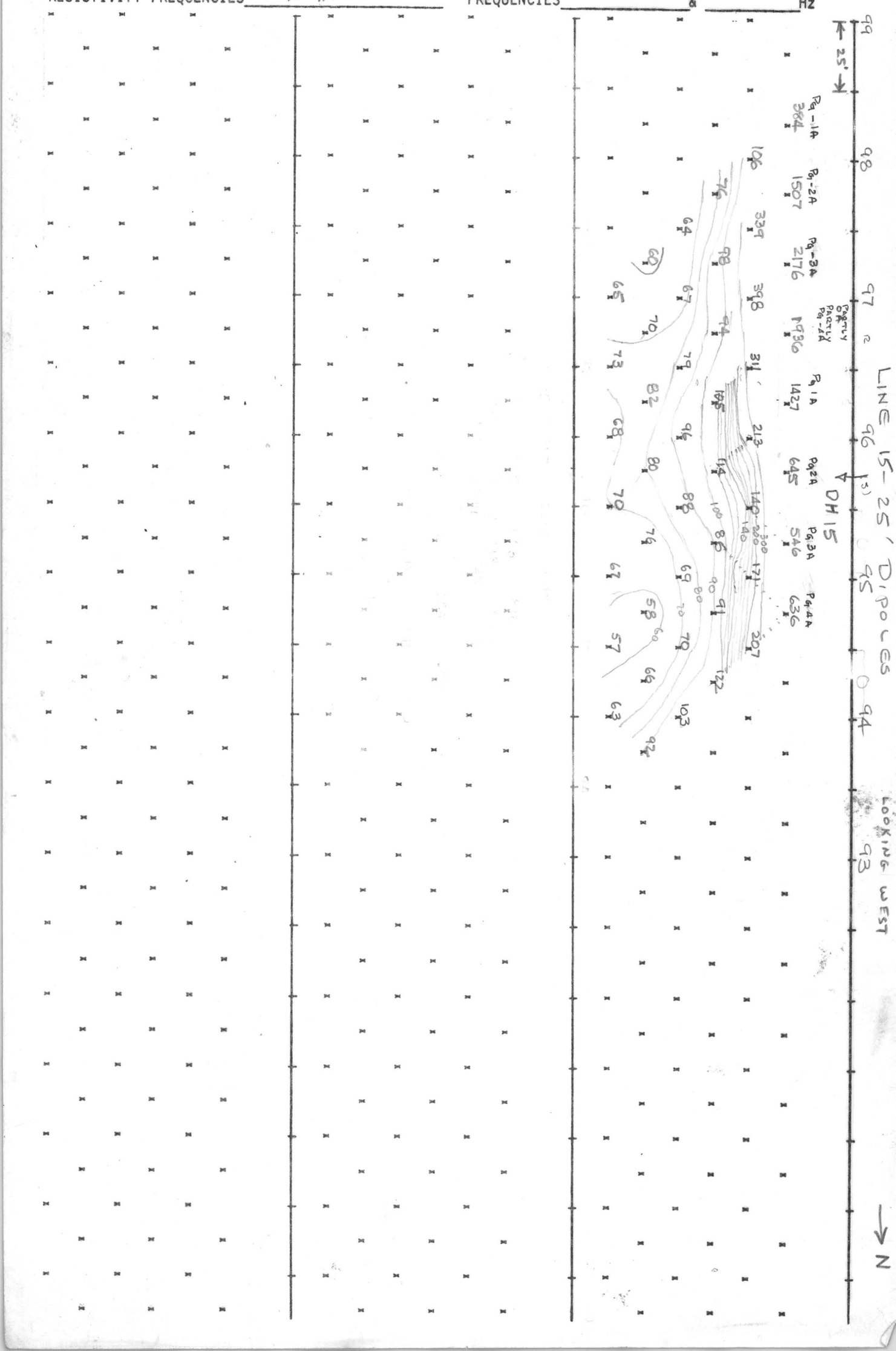
JOB # 1506 CLIENT

DATE 2/27/81 AREA SANTA MARIA RIVER

LINE# 15 (25') SP PAGE 15A a= 25' BEARING APP 0° (S-N)

RESISTIVITY FREQUENCIES 1.0 HZ FREQUENCIES & Hz



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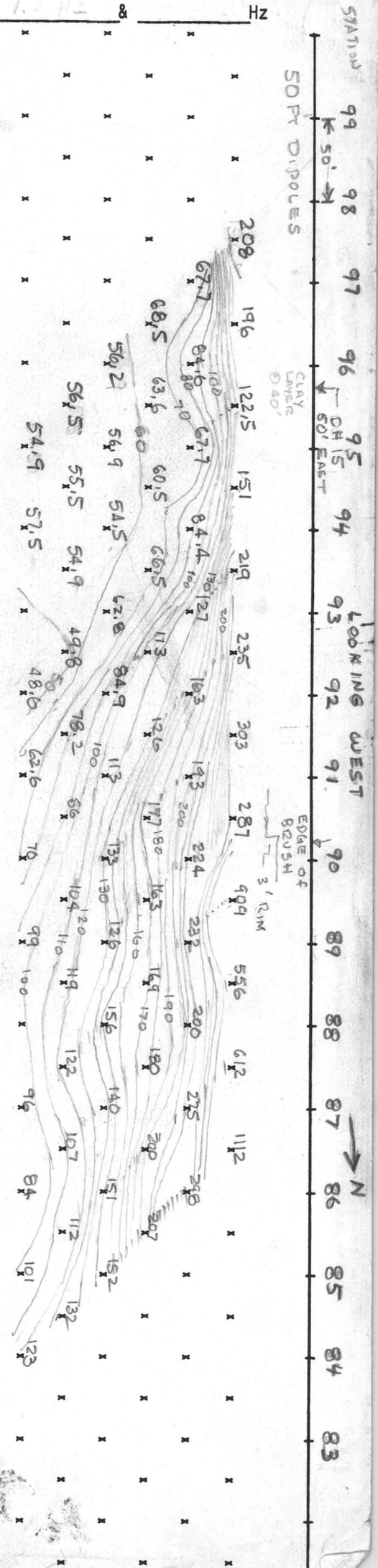
JOB # 1506 CLIENT

DATE 2/20-27/81 AREA SANTA MARIA RIVER

LINE# 15 (50') SP PAGE 15 B a= 50' BEARING APP 0° (S-N)

RESISTIVITY FREQUENCIES 1.0 HZ FREQUENCIES 1. & Hz



INSURED 744160 0 DOLS 00 CTS

HEINRICHS GEOEXPLORATION COMPANY

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

February 27, 1981

STATEMENT

Mr. Hale C. Tognoni, Esq.
Suite No. 1260 Del Webb's TowneHouse
100 W. Clarendon Avenue
Phoenix, AZ 85013

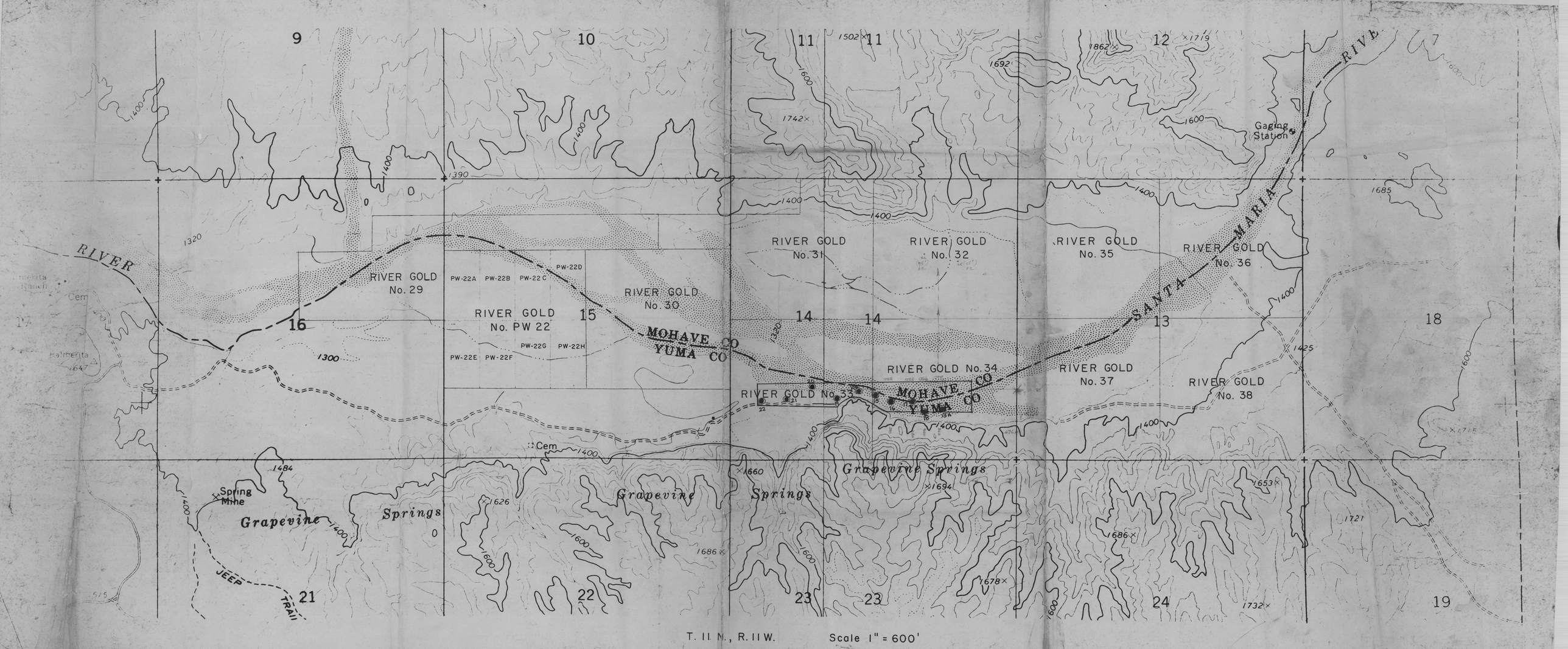
Re: Minerals Trust Corp.
River Gold Grubstake
T.11N., R.11W., GEOEX #1506

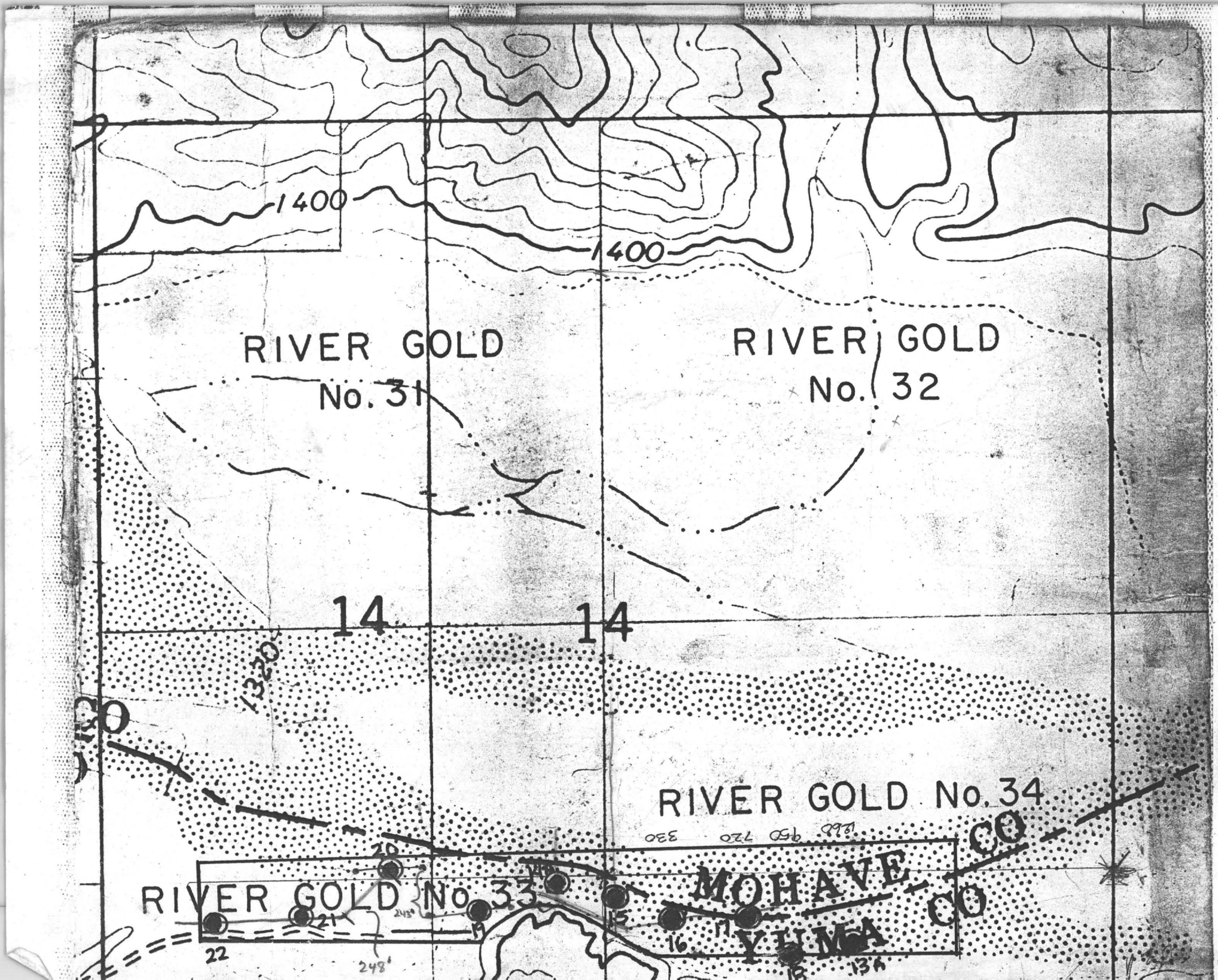
PROFESSIONAL FEES & SERVICES

Advance on account to be allocated
against future itemized billings----------$2,000.00

Check rec'd 2-26-81

(301)


9
10
11
11
12
7
RIVER
SANTA MARIA
RIVER
Gaging Station
RIVER GOLD No. 31
RIVER GOLD No. 32
RIVER GOLD No. 35
RIVER GOLD No. 36
RIVER GOLD No. 29
PW-22A PW-22B PW-22C PW-22D
RIVER GOLD No. 30
RIVER GOLD No. PW 22
PW-22E PW-22F PW-22G PW-22H
MOHAVE CO
YUMA CO
RIVER GOLD No. 34
RIVER GOLD No. 33
RIVER GOLD No. 37
RIVER GOLD No. 38
16
15
14
14
13
18
Cem
Spring Mine
Grapevine Springs
Grapevine Springs
Grapevine
JEEP TRAIL
21
22
23
23
24
19
T. 11 N., R. 11 W.
Scale 1" = 600'


1400
1400
RIVER GOLD
No. 31
RIVER GOLD
No. 32
14
14
1320
30
RIVER GOLD No. 34
RIVER GOLD No. 33
MOHAVE CO
YUMA CO
East

I. P. RECEIVER NOTES, JOB NO. _____, AREA line through dbis 21422

LINE 22, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

PAGE 200

HEINRICHS GEOEX

SEND		89-90	90-91	91-92	92-93	93-94	94-95				
RECEIVE		87-88	87-88	87-88	87-88	87-88	87-88				
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2120	456	129	40.6	16.1	25.25				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
DRIFT	MCF	3.40	3.33	3.18	2.98	2.82	2.55	109			
S. P.											
NOISE		I = 400 mA									
POT RES.											
CULT & CMTS											

pgs. 200-224, 230-242

line 22

25' dipoles

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h's 21+22

LINE 22, HALF _____, SR. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/91

HEINRICHS GEOEX

SEND		95-96	14-95	93-94	92-93	91-92	90-91				
RECEIVE		97-98	97-98	97-98	97-98	97-98	97-98				
MULTIPLIER											
PFE		8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2730	1604	209	57.9	19.5	6.70				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2214	2227	2450	1264	504	442				
DRIFT	MCF	3.51	3.91	3.39	3.13	2.91	2.65	109			
S. P.											
NOISE		I=400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.b's 21 & 22

LINE 22, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

PAGE 202

HEINRICHS GEOEX

SEND		94-95	93-94	92-93	91-92	90-91	89-90				
RECEIVE		96-97	96-97	96-97	96-97	96-97	96-97				
MULTIPLIER											
PFE		7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2940	769	195	61.0	19.0	7.16				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	464	3674	2297	1495	753	472				
DRIFT	MCF	3.54	3.56	3.36	3.16	2.89	2.67	109			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.l.'s 21+22

LINE 22, HALF _____, SR. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

HEINRICHS GEOEX

SEND		93-94	92-93	91-92	90-91	89-90	88-89				
RECEIVE		95-96	95-96	95-96	95-96	95-96	95-96				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2.00	578	154	44.7	14.8	4.98				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2995	2526	1514	1053	510	454				
DRIFT	MCF	3.47	3.40	3.26	3.02	2.79	2.66	1.00			
S. P.											
NOISE		I = 400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

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HEINRICHS GEOEX

SEND		92-93	91-92	90-91	89-90	88-89					
RECEIVE		94-95	94-95	94-95	94-95	94-95					
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2000	484	127	37.9	15.4					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2356	2281	1496	593	635					
DRIFT	MCF	3.37	3.36	3.17	2.95	2.80	log				
S. P.											
NOISE		I=400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h.s 21 & 22

PAGE 205

LINE 22, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

HEINRICHS GEOEX

SEND		85-86	86-87	87-88	88-89	89-90	90-91				
RECEIVE		83-84	82-84	83-84	82-84	82-84	83-84				
MULTIPLIER											
PFE		2-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1930	565	177	60.2	19.3	7.69				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2274	2662	2085	1418	796	507				
DRIFT	MCF	3.36	3.43	3.32	3.15	2.90	2.71	log			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h's 21 + 22

LINE 22, HALF _____, SR. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

HEINRICHS GEOEX

SEND		91-92	90-91	89-90	88-89	87-88	86-87				
RECEIVE		92-94	93-94	93-94	92-94	92-94	91-94				
MULTIPLIER											
PFE		2-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		21.20	5.83	1.50	24.9	16.4	6.90				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2087	2040	1767	1291	676	449				
DRIFT	MCF	3.49	3.44	3.25	3.11	2.83	2.65	1.0			
S. P.											
NOISE		I = 400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line threads 21+22

LINE 22, HALF _____, SR. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/91

HEINRICHS GEOEX

SEND		70-91	89-90	88-89	87-88	86-87	85-86				
RECEIVE		92-93	92-93	92-93	92-93	92-93	92-93				
MULTIPLIER											
PFE		1-5	2-7	3-8	4-5	5-9	6-10				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2360	498	154	408	145	84				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1190	2300	1814	961	610	451				
DRIFT	MCF	2.44	3.36	3.26	2.98	2.79	2.65	109			
S. P.											
NOISE		I=400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB No. _____, AREA line thru d.h's 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE No. _____, DATE 3/14/91

HEINRICHS GEOEX

SEND		89-90	88-89	87-88	86-87	85-86	84-85				
RECEIVE		91-92	91-92	91-92	91-92	91-92	91-92				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2200	570	133	43.2	17.5	7.26				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2592	2108	1517	1018	722	427				
DRIFT	MCF	3.40	3.48	3.20	3.01	2.86	2.68				
S. P.											
NOISE		I=400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d h's 21+22

LINE 22, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/91

HEINRICHS GEOEX

SEND		88-89	87-85	86-97	95-96	94-95					
RECEIVE		90-91	90-91	90-91	90-91	90-91					
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2270	433	124	45.2	16.6					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2674	2040	1461	1065	694					
DRIFT	MCF	3.43	3.31	3.16	3.03	2.84					
S. P.											
NOISE		400 MA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 21+22

LINE 22, HALF _____, SR. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

HEINRICHS GEOEX

SEND		81-82	82-83	83-84	84-85	85-86	86-87				
RECEIVE		79-80	79-80	79-80	79-80	79-80	79-80				
MULTIPLIER											
PFE		2-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1770	408	974	247	91	507				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2085	1923	1148	582	405	224				
DRIFT	MCF	3.32	3.28	3.06	2.76	2.61	2.52	bg			
S. P.											
NOISE		t=400ms									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h.s 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

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HEINRICHS GEOEX

SEND		87-88	86-87	85-86	84-85	83-84	22-83				
RECEIVE		89-90	89-90	89-90	89-90	89-90	89-90				
MULTIPLIER											
PFE		8-7	7-6	6-7	5-6	4-5	2-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2110	494	153	50.4	19.8	7.73				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2486	2228	1802	1188	816	510				
DRIFT	MCF	3.46	3.37	3.26	3.07	2.91	2.71				
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 21+22

LINE 22, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

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HEINRICHS GEOEX

SEND		86-87	85-86	84-85	83-84	82-83	81-82				
RECEIVE		88-89	88-89	88-89	88-89	88-89	88-89				
MULTIPLIER											
PFE		7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2116	560	169	662	21.0	556				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2493	2039	1971	1442	866	367				
DRIFT	MCF	3.40	3.42	3.30	3.16	2.94	2.56	log			
S. P.											
NOISE		I=400nA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dh = 21+22

LINE 22, HALF _____, SP. _____, a = 25, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

PAGE 213

HEINRICHS GEOEX

SEND		85-86	84-85	83-84	82-83	81-82	80-81				
RECEIVE		87-88	87-88	87-88	87-88	87-88	87-88				
MULTIPLIER		6-7									
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2190	541	177	54.4	12.0	6.21				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2586	2547	2045	1282	415	410				
DRIFT	MCF	3.41	3.41	3.32	3.11	2.69	2.61	109			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d h's 21 & 22

PAGE 214

LINE 22, HALF _____, SP. _____, a = 25', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

HEINRICHS GEOEX

SEND	84-85	83-84	82-83	81-82	80-81					
RECEIVE	86-87	86-87	86-87	86-87	86-87					
MULTIPLIER										
PFE	5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)										
POINT NO.										
SEP. (n)					13.2					
H. F. MV	2000	565	156	29.5	13.2					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	2396	266.2	1838	695.1	544.3					
DRIFT MCF	3.37	3.43	3.26	2.84	2.74	log				
S. P.										
NOISE	I=400 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 21422

LINE 22, HALF _____, SP. _____, a = 25, BEARING 92° WobN

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

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HEINRICHS GEOEX

SEND		77-78	78-79	79-80	80-81	81-82	82-83				
RECEIVE		75-76	75-76	75-76	75-76	75-76	75-76				
MULTIPLIER											
PFE		2-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2100	285	72.1	20.7	6.22	3.87				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2474	1243	866.2	487.7	256.5	255.3				
DRIFT	MCF	3.39	3.13	2.94	2.69	2.41	2.41	log			
S. P.											
NOISE			L=400 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

PAGE 216

HEINRICHS GEOEX

SEND		83-84	82-83	81-82	80-81	79-80	78-79				
RECEIVE		85-86	85-86	85-86	85-86	85-86	85-86				
MULTIPLIER											
PFE		8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1860	475	80.1	31.5	10.13	4.15				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2191	2238	943.7	742.8	417.7	273.8				
DRIFT	MCF	3.34	3.35	2.97	2.87	2.62	2.44	bg			
S. P.											
NOISE		I=400mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 21+23

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

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HEINRICHS GEOEX

SEND		82-83	81-82	80-81	79-80	78-79	77-78				
RECEIVE		84-85	84-85	84-85	84-85	84-85	84-85				
MULTIPLIER											
PFE		7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2050	274	92.9	25.2	8.43	2.43				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2415	1291	1094	593.8	347.6	226.3				
DRIFT	MCF	3.38	3.11	3.04	2.77	2.54	2.35	log			
S. P.											
NOISE		T=400mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° Wat N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

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HEINRICHS GEOEX

SEND		81-82	80-81	79-80	78-79	77-78	76-77				
RECEIVE		83-84	83-84	83-84	83-84	83-84	83-84				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		15.60	4.32	18.8	27.2	8.60	3.69				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	183.8	203.6	116.4	640.9	354.6	243.4				
DRIFT	MCF	3.26	3.31	3.07	2.81	2.55	2.39	log			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line three d.h's 21-23

LINE 22, HALF _____, SP. _____, a = 25, BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/51

HEINRICHS GEOEX

SEND		80-81	79-80	78-79	77-78	76-77					
RECEIVE		82-83	82-83	82-83	82-83	82-83					
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2210	910	96.5	24.0	0.39					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2819	1922	1197	584.3	245.5					
DRIFT	MCF	3.42	3.29	3.06	2.77	2.54	log				
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

Note transition of clay/sand around 76-77: clay>76, sand<76

I. P. RECEIVER NOTES, JOB NO._____, AREA line thru d.h's 21+22

LINE 22, HALF_____, SR._____, a = 25', BEARING 92° W of N

SENDER STA._____ = ELECTRODE NO._____, DATE 2/14/81

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HEINRICHS GEOEX

SEND		74-75	75-76	76-77	77-78	78-79	79-80				
RECEIVE		72-73	72-72	72-73	72-73	72-73	72-73				
MULTIPLIER									Note - reverse		71-72
PFE		2-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)									Sender start at		
POINT NO.									73.74 end 76-77		
SEP. (n)											
H. F. MV		1.00	1.81	2.21	3.14	3.93	2.16				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c	140.2	852.9	263.9	191.8	162.0	140.5				
3.0 MV	$\rho/2\pi$	7.00	11.4								
DRIFT	MCF	3.15	2.93	2.42	2.28	2.21	2.15	1.09			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h.s 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

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HEINRICHS GEOEX

SEND		79-80	78-79	77-78	76-77	75-76	74-75				
RECEIVE		81-82	81-82	81-82	81-82	81-82	81-82				
MULTIPLIER											
PFE		8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		175.0	321	66.5	18.2	6.29	2.78				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	206.2	15.13	743.4	429.8	259.4	183.4				
DRIFT	MCF	33.1	3.18	2.89	2.63	2.41	2.26	log			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h.s 21-22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 5/14/81

HEINRICHS GEOEX

SEND		78-79	77-78	76-77	75-76	74-75	73-74				
RECEIVE		80-81	80-81	80-81	80-81	80-81	80-81				
MULTIPLIER											
PFE		7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2230	3451	7715	2120	656	259				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	2477	1620	813.0	404.5	210.5	170.9				
DRIFT	MCF	3.42	3.71	2.96	2.69	2.43	2.23	109			
S. P.											
NOISE		T=400 n.1									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

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HEINRICHS GEOEX

SEND		77-78	76-77	75-76	74-75	73-74	72-73				
RECEIVE		79-80	79-80	79-80	79-80	79-80	79-80				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		146.0	340	73.9	16.4	4.70	2.96				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2309	1602	870.6	386.4	193.8	195.3				
DRIFT	MCF	3.36	3.20	2.94	2.59	2.29	2.29	log			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/19/81

HEINRICHS GEOEX

SEND		76-77	75-76	74-75	73-74	72-73					
RECEIVE		78-79	78-79	78-79	78-79	78-79					
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1610	2.89	49.0	9.36	4.75					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1991	1257	1145	2276	1959					
DRIFT	MCF	3.30	3.13	2.75	2.34	2.29	log				
S. P.		I=400 mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dis 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

PAGE 230

HEINRICHS GEOEX

SEND		69-70	70-71	71-72	72-73	73-74	74-75				
RECEIVE		67-68	67-68	67-68	67-68	67-68	67-68				
MULTIPLIER											
PFE		2-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2030	400	3.68	12.9	2.66	2.77				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c						156.4				
3.0 MV	$\rho/2\pi$	2450	1885	680.9	325.7	150.9	166.4				
DRIFT	MCF	3.39	3.28	2.83	2.51	2.18	2.19	log			
S. P.											
NOISE		I=400ma									
POT RES.											
CULT & CMTS											

Note Sender truck from start

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		75-76	74-75	73-74	72-73	71-72	70-71				
RECEIVE		77-78	77-78	77-78	77-78	77-78	77-78				
MULTIPLIER											
PFE		8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2100	257	30.1	11.1	3.57	2.09				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2474	1211	394.6	261.5	199.6	137.9				
DRIFT	MCF	3.39	3.09	2.55	2.42	2.20	2.14	log			
S. P.											
NOISE		I = 400 μA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 21 + 22

LINE 22, HALF _____, SP. _____, a = 25, BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

PAGE 232

HEINRICHS GEOEX

SEND		74-75	73-74	72-73	71-72	70-71	69-70				
RECEIVE		76-77	76-77	76-77	76-77	76-77	76-77				
MULTIPLIER											
PFE		7-8	6-7	5-6	4-5	4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1.66	1.23	32.0	7.85	3.57	1.69				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1965	5796	3770	185.0	1972	41.5				
DRIFT	MCF	3.29	2.76	2.58	2.27	2.17	2.05	log			
S. P.											
NOISE		I = 400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA Line thru P.h. 21+22

LINE 22, HALF_____, SP._____, a = 25', BEARING 92° W of N

SENDER STA._____ = ELECTRODE NO._____, DATE 3/15/81

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HEINRICHS GEOEX

SEND	73-74	72-73	71-72	70-71	69-70	68-69					
RECEIVE	75-76	75-76	75-76	75-76	75-76	75-76					
MULTIPLIER											
PFE	6.1	5.6	4.5	3.4	2	1.2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV	9.41	1.75	2.12	1.28	3.03	2.41					
DRIFT											
1.0 PFE K_n/1000											
0.3 PFE ρ_{CAL}											
0.1 PFE PFE_C											
3.0 MV $\rho/2\pi$	1045	650	2545	1739	1249	1890					
DRIFT MCF	3.04	2.81	2.41	2.24	2.10	2.20	log				
S. P.											
NOISE	E=40mV										
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dike 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/51

PAGE 234

HEINRICHS GEOEX

SEND		72-73	71-72	70-71	69-70	68-69					
RECEIVE		74-75	74-75	74-75	74-75	74-75					
MULTIPLIER											
PFE		6-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2400	179	34.1	9.25	5.7					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2827	820.0	401.7	217.9	229.7					
DRIFT	MCF	3.45	2.91	2.60	2.34	2.36	1.9				
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

Wash boiled between electrodes 74 & 76

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.b's 21122

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		65-66	66-67	67-68	68-69	69-70	70-71				
RECEIVE		63-64	63-64	63-64	63-64	63-64	63-64				
MULTIPLIER											
PFE		2-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		33.10	20.8	41.2	10.8	2.91	2.01				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	39.00	145.1	485.4	254.5	125.6	122.6				
DRIFT	MCF	3.59	3.16	2.69	2.41	2.08	2.12	Jos			
S. P.		T = 400 mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.b's 21 + 22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		66-67	67-68	68-69	69-70	70-71	71-72				
RECEIVE		64-65									
MULTIPLIER											
PFE		3-4	4-5	5-6	6-7	7-8	8-9				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1990	179	37.0	5.98	3.50	1.67				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2344	943.5	377.0	140.9	144.3	110.2				
DRIFT	MCF	3.37	2.93	2.58	2.15	2.16	2.04	log			
S. P.		I = 400 mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h's 21+22

LINE 23, HALF _____, SP. _____, a = 25', BEARING 92° West N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/25/81

HEINRICHS GEOEX

SEND		61-64	63-65	64-70	70-71	71-72					
RECEIVE		65-66	65-66	65-66	65-66	65-66					
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA Line thru d.h.'s 2K22

LINE 22, HALF_____, SR._____, a = 25', BEARING 92° W of N

SENDER STA._____ = ELECTRODE NO._____, DATE 3/15/81

HEINRICHS GEOEX

SEND		63-69	66-70	70-71	71-72						
RECEIVE		66-67	66-67	66-67	66-67						
MULTIPLIER											
PFE											
CUR. (AMPS)		5-6									
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF	3.33	2.75	2.69	2.35	1.09					
S. P.		T=4006 A									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dih's 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W 05 N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		71-72	70-71	69-70	68-69	67-68	66-67				
RECEIVE		73-74	73-74	73-74	73-74	73-74	73-74				
MULTIPLIER											
PFE		7-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1160	135	25.8	11.5	3.72	1.67				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	136.7	126.7	303.9	271.0	183.4	110.2				
DRIFT	MCF	3.14	2.80	2.48	2.43	2.19	2.04	log			
S. P.											
NOISE		E = 400	mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 21+22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

PAGE 240

HEINRICHS GEOEX

SEND	70-71	69-70	68-69	67-68	66-67	65-66				
RECEIVE	72-73	72-73	72-73	72-73	72-73	72-73				
MULTIPLIER										
PFE	7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	255.0	2.92	85.0	14.5	4.18	1.82				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	3004	1376	1001	341.6	172.4	130.6				
DRIFT MCF	3.48	3.14	3.00	2.53	2.24	2.12	log			
S. P.										
NOISE	I = 400	mA								
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 21 + 22

LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		69-70	68-69	67-68	66-67	65-66	64-65				
RECEIVE		71-72	71-72	71-72	71-72	71-72	71-72				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2560	5.27	61.8	9.59	3.45	1.67				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	3016	2719	728.1	226.0	142.3	110.2				
DRIFT	MCF	3.48	3.43	2.86	2.35	2.15	2.04	10g			
S. P.											
NOISE		I: 400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 21 & 22

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LINE 22, HALF _____, SP. _____, a = 25', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

HEINRICHS GEOEX

SEND		68-69	67-68	66-67	65-66	64-65					
RECEIVE		70-71	70-71	70-71	70-71	70-71					
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		5114	4.21	37.4	9.02	3.51					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	602.5	1484	440.6	212.5	144.7					
DRIFT	MCF	3.78	3.30	2.64	2.33	2.16	log				
S. P.											
NOISE		I: 400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA_____

LINE_____, HALF_____, SP._____, a = _____, BEARING_____

SENDER STA._____ = ELECTRODE NO._____, DATE_____

PAGE_____

HEINRICHS GEOEX

SEND											
RECEIVE											
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

pgs. 400-415
line 14
25' dipoles

I. P. RECEIVER NOTES, JOB NO. _____, AREA N.E. line through d.h. 14

LINE 14, HALF _____, SR _____, a = 25, BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

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HEINRICHS GEOEX

SEND		96-97	95-96	94-95	93-94	92-93	91-92				
RECEIVE		98-99	97-98	96-97	95-96	94-95	93-94				
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line through d.h. 14

LINE 14, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

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HEINRICHS GEOEX

SEND		95-96	94-95	93-94	92-93	91-92	90-91				
RECEIVE		97-98	97-98	97-98	97-98	97-98	97-98				
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	440.1	126.3	70.6	86.4	70.4	58.8				
DRIFT	MCF	2.69	2.10	1.96	1.94	1.85	1.77	log			
S. P.		I=300 ma									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line through d.6.14

LINE 14, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

PAGE 403

HEINRICHS GEOEX

SEND		99-95	93-94	92-93	91-92	90-91	89-90				
RECEIVE		96-97	96-97	96-97	96-97	96-97	96-97				
MULTIPLIER											
PFE		1-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		3.50	2.06	2.24	2.55	1.14	.707				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	549.8	173.4	113.7	80.1	62.7	62.2				
DRIFT	MCF	2.74	2.24	2.06	1.90	1.80	1.79	1.09			
S. P.		I = 300 mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S Line through 41+14

LINE 14, HALF _____, SR. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/91

HEINRICHS GEOEX

SEND		93-94	92-93	91-92	90-91	89-90					
RECEIVE		95-96	95-96	95-96	95-96	95-96					
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c	636.2									
3.0 MV	$\rho/2\pi$										
DRIFT	MCF	2.80	2.39	2.14	1.98	1.96	1.05				
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru d.h. 14

LINE 14, HALF _____, SR _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

HEINRICHS GEOEX

SEND		92-93	91-92	90-91	89-90	28-89	87-88				
RECEIVE		94-95	94-95	94-95	94-95	94-95	94-95				
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		715	421	104	5.09	2.50	1.39				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c			171	166						
3.0 MV	$\rho/2\pi$			171	160	151	121				
DRIFT	MCF	2.91	2.42	2.23	2.20	2.1	2.1	1.09			
S. P.		I=300 mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru d.h/4

LINE 14, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

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HEINRICHS GEOEX

SEND		91-92	90-91	89-90	88-89	87-88	86-87				
RECEIVE		93-94	93-94	93-94	93-94	93-94	93-94				
MULTIPLIER											
PFE		7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		25.6	37.8	13.5	5.99	3.07	1.78				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF	2.75	2.38	2.33	2.27	2.23	2.20	log			
S. P.		I = 300 mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru d.h. 14

LINE 14, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

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HEINRICHS GEOEX

SEND		90-91	89-90	88-89	87-88	86-87	85-86				
RECEIVE		92-93	92-93	92-93	92-93	92-93	92-93				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		3.13	44.6	15.2	6.88	3.65	1.84				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$				218	201	162				
DRIFT	MCF	2.69	2.45	2.38	2.33	2.30	2.21	log			
S. P.		I = 300 mA									
NOISE											
POT RES.											
CULT & CMTS											

1.83

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru d.h. 14

LINE 14, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 2/17/81

PAGE 408

HEINRICHS GEOEX

SEND	82-84	84-85	85-86	86-87	87-88	88-89				
RECEIVE	81-82	81-82	81-82	81-82	81-82	81-82				
MULTIPLIER										
PFE	2-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	2.30	2.43	9.25	4.66	2.38	1.25				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	361.3	184.1	145.3	146.4	130.5	118.8				
DRIFT MCF	2.56	2.27	2.16	2.17	2.12	2.07	log			
S. P.	1-300mA									
NOISE										
POT RES.										
CULT & CMTS										

Edge of Brush "island" located at 82, edge of channel at 85

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru d.h. 14

LINE 14, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

PAGE 409

HEINRICHS GEOEX

SEND	84-85	85-86	86-87	87-88	88-89	89-90				
RECEIVE	82-83	82-83	82-83	82-83	82-83	82-83				
MULTIPLIER										
PFE	3-4	4-5	5-6	6-7	7-8	8-9				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	314	42.8	15.4	6.86	3.58	2.42				
DRIFT						2.20				
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	443.2	268.9	241.9	215.5	196.8	212.9				
DRIFT MCF	2.69	2.43	2.38	2.33	2.29	2.33	109			
S. P.										
NOISE	I = 300 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru d.h. 14

LINE 14, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

PAGE 410

HEINRICHS GEOEX

SEND		85-86	86-87	87-88	88-89	89-90					
RECEIVE		83-84	83-84	83-84	83-84	83-84					
MULTIPLIER											
PFE		4-5	5-6	6-7	7-8	8-9					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2.7	41.8	13.2	5.81	3.31					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	520.4	262.6	207.3	182.5	182.0					
DRIFT	MCF	2.72	2.42	2.32	2.26	2.26	log				
S. P.											
NOISE		I = 300 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru L.14

LINE 14, HALF _____, SR. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

HEINRICHS GEOEX

SEND		86-87	87-88	88-89	89-90						
RECEIVE		84-85	94-95	94-95	94-95						
MULTIPLIER											
PFE		5.6	4.7	7.3	4.9						
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		27	63.3	12.6	6.15						
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	425.3	240.6	119.9	148.2						
DRIFT	MCF	2.63	2.38	2.30	2.29	109					
S. P.		I=20ma									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru d.b. 14

LINE 14, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

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HEINRICHS GEOEX

SEND		89-90	88-89	87-88	86-87	85-86	84-85				
RECEIVE		91-92	91-92	91-92	91-92	91-92	91-92				
MULTIPLIER											
PFE		8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		217	38.1	13.5	6.28	2.91	1.99				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	340.9	239.4	212.1	197.3	160.0	175.0				
DRIFT	MCF	2.53	2.38	2.33	2.30	2.20	2.24	109			
S. P.											
NOISE		I=300mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru 0, 6, 14

LINE 14, HALF _____, SR. _____, a = 2.5, BEARING 14-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/51

HEINRICHS GEOEX

SEND		85-89	87-88	86-87	85-86	84-85	83-84				
RECEIVE		90-91	90-91	90-91	90-91	90-91	90-91				
MULTIPLIER											
PFE		1-2	2-1	3-2	4-3	5-4	6-5				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		3.12	2.63	12.5	4.98	3.01	1.04				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	3330	2218	1965	1565	1710	1619				
DRIFT	MCF	2.52	2.35	2.29	2.19	2.23	2.21	109			
S. P.											
NOISE		I=300MA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru dib. 14

LINE 14, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

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HEINRICHS GEOEX

SEND		87-88	86-87	85-86	84-85	83-84	82-83				
RECEIVE		89-90	89-90	89-90	89-90	89-90	89-90				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		234	36.9	11.3	6.12	3.30	2.24				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	367.6	231.8	177.5	192.2	181.4	197.0				
DRIFT	MCF	2.57	2.37	2.25	2.28	2.26	2.29	109			
S. P.											
NOISE		I - 200mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru d.h. 14

LINE 14, HALF _____, SP. _____, a = 25', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

HEINRICHS GEOEX

SEND		56-87	55-86	54-85	53-84	52-83					
RECEIVE		88-89	88-89	88-89	88-89	88-89					
MULTIPLIER											
PFE		5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		227	302	125	5.77	3.56					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	251.6	189.8	106.3	191.3	146.9					
DRIFT	MCF	2.55	2.28	2.29	2.26	2.29	log				
S. P.											
NOISE		I = 20 ma									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru dike 14

LINE 4, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/31

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HEINRICHS GEOEX

SEND		93-95	91-93	89-91	87-89	85-87	83-85				
RECEIVE		97-99	97-99	97-99	97-99	97-99	97-99				
MULTIPLIER											
PFE		[illegible]	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		82.5	9.99	1.75	.816	.421	.292				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	102.1	75.3	55.9	51.3	47.4	51.4				
DRIFT	MCF	2.01	1.88	1.75	1.71	1.68	1.71	log			
S. P.		I = 300 mA									
NOISE											
POT RES.											
CULT & CMTS											

pgs. 416-422
line 14
50' dipoles

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru dih. 14

LINE 14, HALF _____, SP. _____, a = 50', BEARING N-3

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

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HEINRICHS GEOEX

SEND		91-93	89-91	87-89	85-87	83-85	81-83				
RECEIVE		95-97	95-97	95-97	95-97	95-97	95-97				
MULTIPLIER											
PFE		7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		58.2	6.62	2.15	.584	.501	.289				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	182.8	83.2	67.5	55.5	55.1	41.8				
DRIFT	MCF	2.26	1.92	1.83	1.74	1.74	1.70	109			
S. P.		t=300									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru 26 - 14

LINE 14, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

PAGE 4/8

HEINRICHS GEOEX

SEND		89-91	87-89	85-87	83-85	81-83	79-81				
RECEIVE		93-95	93-95	93-95	93-95	93-95	93-95				
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		67.6	13.0	4.16	1.85	.84	.86				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	212.4	162.4	187.5	116.2	97.2	81.6				
DRIFT	MCF	2.33	2.21	2.11	2.07	1.99	1.91	1.69			
S. P.											
NOISE		I 300 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO._____, AREA N-S line thru St. 14

LINE 14, HALF_____, SP._____, a = 50', BEARING N-S

SENDER STA._____ = ELECTRODE NO._____, DATE 3/17/91

HEINRICHS GEOEX

SEND		87-89	85-87	83-85	81-83	79-81					
RECEIVE		91-93	91-93	91-93	91-93	91-93					
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF	2.37	2.27	2.24	2.17	2.09	109				
S. P.		I=300									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA N-S line thru d.h. 14

LINE 14, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

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HEINRICHS GEOEX

SEND	83-85	85-87	87-89	89-91	91-93	93-95				
RECEIVE	79-81	79-81	79-81	79-81	79-81	79-81				
MULTIPLIER										
PFE	3-4	4-5	5-6	6-7	7-8	8-9				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	121	16.4	5.85	2.17	1.11	.461				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	286.1	206.1	164.9	136.3	122.1	81.1				
DRIFT MCF	2.58	2.31	2.22	2.13	2.09	1.91	log			
S. P.	t = 3.0 mA									
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h. 14

LINE 14, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

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HEINRICHS GEOEX

SEND		85-87	87-89	89-91	91-93	93-95					
RECEIVE		81-83	81-83	81-83							
MULTIPLIER											
PFE		3-5	5-6	6-7	7-8	8-9					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		72.3	14.2	4.99	2.31	.896					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	227.8	173.4	156.8	145.1	97.9					
DRIFT	MCF	2.36	2.25	2.20	2.16	1.99	109				
S. P.		I = 300 mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 14

LINE 14, HALF _____, SP. _____, a = 50', BEARING N-S

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/17/81

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HEINRICHS GEOEX

SEND		87-89	89-91	91-93	93-95		89-91	91-93	93-95		
RECEIVE		83-85	83-85	83-85	83-85		85-87	85-87	85-87		
MULTIPLIER											
PFE		5-6	6-7	7-8	8-9		6-7	7-8	8-9		
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		29.0	14.4	15.47	1.84		65.9	14.7	4.00		
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	219.9	181.0	172.5	115.6		207.0	184.7	127.8		
DRIFT	MCF	2.34	2.26	2.24	2.06	log	2.32	2.27	2.10		
S. P.		I. 300mA									
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d-his 21+22

LINE 22, HALF _____, SP. _____, a = 50', BEARING 92° W-SN

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

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HEINRICHS GEOEX

SEND		81-83	83-85	85-87	87-89	89-91	91-93				
RECEIVE		77-79	77-79	77-79	77-79	77-79	77-79				
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		50.7	48.0	10.21	4.75	2.25	1.34				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	119.3	452.4	242.9	225.8	185.6	176.4				
DRIFT	MCF	2.07	2.66	2.39	2.35	2.27	2.25	109			
S. P.											
NOISE											
POT RES.		I 400 mA									
CULT & CMTS											

pgs. 225-229,
243-255
line 22
50' dipoles

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d h's 21+22

LINE 22, HALF _____, SR. _____, α = 50°, BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

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HEINRICHS GEOEX

SEND		93-95	91-93	89-91	87-89	85-87	83-85				
RECEIVE		97-99	97-99	97-99	97-99	97-99	97-99				
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1240	131	191	547	247	157				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	3040	1235	476.5	257.8	199.6	180.8				
DRIFT	MCF	3.48	3.09	2.63	2.41	2.30	2.26	109			
S. P.											
NOISE		T=400mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dhs 21+22

LINE 22, HALF _____, SP. _____, a = 50', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

PAGE 227

HEINRICHS GEOEX

SEND		91-93	89-91	87-89	85-87	83-85	81-83				
RECEIVE		95-97	95-97	95-97	95-97	95-97	95-97				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		977	94.9	16.8	4.93	2.38	1.37				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	2302	894.4	395.8	232.3	190.3	180.8				
DRIFT	MCF	3.36	2.95	2.60	2.37	2.29	2.26	log			
S. P.											
NOISE											
POT RES.		I = 400 mA									
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line Hwy dh's 21+22

LINE 22, HALF _____, SP. _____, a = 50', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/14/81

PAGE 225

HEINRICHS GEOEX

SEND		89-91	87-89	85-87	83-85	81-83	79-81				
RECEIVE		93-95	93-95	93-95	93-95	93-95	93-95				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		915	992	16.2	5.26	2.46	1.42				
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	2156	1349	361.7	247.9	202.9	184.7				
DRIFT	MCF	3.33	2.97	2.58	2.39	2.31	2.28	100			
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB No. _____, AREA line thru d.h. 21+22

LINE 22, HALF _____, SP. _____, a = 50', BEARING 92° W.S.N

SENDER STA. _____ = ELECTRODE No. _____, DATE 1/14/81

HEINRICHS GEOEX

SEND		87-89	85-87	83-85	81-83	79-81					
RECEIVE		91-93	91-93	91-93	91-93	91-93					
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		979	997	174	577	2.03					
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$	2116	895	410	2463	2086					
DRIFT	MCF	3.33	2.93	2.61	2.40	2.32	169				
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dh 21 & 22

LINE 22, HALF _____, SP. _____, a = ~~25~~ 50', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		73-75	75-77	77-79	79-81	81-83	83-85				
RECEIVE		69-71	69-71	69-71	69-71	69-71	69-71				
MULTIPLIER											
PFE		2-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		2.07	15.9	5.24	2.81	1.51	.925				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	48.67	149.9	123.5	132.4	124.9	122.1				
DRIFT	MCF	2.69	~~2.17~~	2.09	2.12	2.10	2.09	log			
S. P.			2.18								
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru Lh's 21+22

LINE 22, HALF _____, SP. _____, a = 50', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		85-87	83-85	81-83	79-81	77-79	75-77				
RECEIVE		89-91	89-91	89-91	89-91	89-91	89-91				
MULTIPLIER											
PFE		8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		8.24	10.2	16.3	4.87	2.23	1.27				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	194.2	944.4	381.7	229.5	183.9	167.6				
DRIFT	MCF	3.29	2.98	2.58	2.36	2.26	2.22	log			
S. P.											
NOISE		I = 400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h.s. 21 & 22

LINE 2, HALF _____, SP. _____, a = 5', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

PAGE 245

HEINRICHS GEOEX

SEND		83-85	81-83	79-81	77-79	75-77	73-75				
RECEIVE		87-89	87-89	87-89	87-89	87-89	87-89				
MULTIPLIER											
PFE		7-8	8-7	8-6	7-5	5-4	6-3				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		9.7	10.6	14.5	4.77	<40	1.37				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	22.78	231.2	348.7	224.5	197.9	180.8				
DRIFT	MCF	2.36	2.97	2.54	2.35	2.30	2.26	1 [illegible]			
S. P.											
NOISE		7-410 mA									
POT RES.											
CULT & CMTS											

I. P. Receiver Notes, Job No._____, Area line thru d.h. 21+22

Line_____, Half_____, Sp._____, α = 50°, Bearing 72° W of N

Sender Sta._____ = Electrode No._____, Date 3/15/81

HEINRICHS GEOEX

Send		21-22	19-21	17-19	15-17	13-15	11-13				
Receive		25-27	25-27	25-27	25-27	25-27	25-27				
Multiplier											
PFE											
Cur. (amps)											
Point No.											
Sep. (n)											
H. F. Mv											
Drift											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
Drift	MCF	3.25	2.75	2.38	2.26	2.23	2.19				
S. P.											
Noise											
Pot Res.											
Cult & Cmts											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h. 21+22

LINE 23, HALF _____, SP. _____, a = 50°, BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		79-81	77-79	75-77	73-75	71-73					
RECEIVE		83-85	83-85	83-85	83-85	83-85					
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		[illegible]	[illegible]	[illegible]	[illegible]	1.02					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	1529	457.4	206.9	168.7	158.3					
DRIFT	MCF	3.19	2.66	2.32	2.23	2.20	log				
S. P.											
NOISE		I = 400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 21 + 22

LINE 22, HALF _____, SP. _____, a = 50', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		65-67	67-69	69-71	71-73	73-75	75-77				
RECEIVE		61-63	61-63	61-63	61-63	61-63	61-63				
MULTIPLIER											
PFE		3-3	3-4	4-5	5-6	6-7	7-8				
CUR. (AMPS)											
POINT NO.											
SEP. (n)							.593				
H. F. MV		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	902.4	770.6	577	900	78.9	75.2				
DRIFT	MCF	2.96	2.23	1.94	1.95	1.90	1.89	109			
S. P.											
NOISE		I 400 mA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h's 21+22

LINE 22, HALF _____, SP. _____, a = 50', BEARING 92° W65N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		71-73	73-75	75-77	77-79						
RECEIVE		67-69	67-69	67-69	67-69						
MULTIPLIER											
PFE		5-6	6-7	7-8	8-9						
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		7.48	2.34	6.07	2.05						
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	176.2	220.5	143.0	138.1						
DRIFT	MCF	3.25	2.34	2.16	2.14	log					
S. P.											
NOISE		I-400 n A									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA _____

LINE _____, HALF _____, SR. _____, a = _____, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE _____

PAGE _____

HEINRICHS GEOEX

SEND											
RECEIVE											
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line 1610 Lb 21+22

LINE 22, HALF _____, SP. _____, a = 50, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

PAGE 1 of 2

HEINRICHS GEOEX

SEND		67-69	69-71	71-73	73-75	75-77	77-79				
RECEIVE		63-65	63-65	63-65	63-65	63-65	63-65				
MULTIPLIER											
PFE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		255	14.1	4.69	1.79	1.021	2.70				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	100.9	132.9	110.5	89.1	87.5	88.4				
DRIFT	MCF	2.78	2.12	2.04	1.95	1.94	1.95	log			
S. P.											
NOISE			I = 40 mA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line through 21 + 22

LINE 22, HALF _____, SP. _____, a = 50, BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

PAGE Pe-3

HEINRICHS GEOEX

SEND		77-79	75-77	73-75	71-73	69-71	67-69				
RECEIVE		81-83	81-83	81-83	81-83	81-83	81-83				
MULTIPLIER											
PFE		8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		5.06	30.4	7.40	8.36	1.50	1.049				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	119.2	333.6	174.4	158.3	123.7	138.4				
DRIFT	MCF	3.08	2.52	2.24	2.20	2.09	2.14	log			
S. P.											
NOISE		T = 400									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA L. Hardy

LINE 22, HALF _____, SR. _____, α = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/71

HEINRICHS GEOEX

SEND		75-77	73-75	71-73	69-71	67-69	65-67				
RECEIVE		77-81	77-81	75-81	73-81	71-81	69-81				
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dh. 21 x 22

LINE 22, HALF _____, SP. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

PAGE Ro 5

HEINRICHS GEOEX

SEND		73-75	71-73	69-71	67-69	65-67	63-65				
RECEIVE		77-79	77-79	77-79	77-79	77-79	77-79				
MULTIPLIER											
PFE		6-7	5-6	4-5	3-4	2-3	1-2				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		345	21.7	5.20	2.93	1.28	.668				
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c			122.5							
3.0 MV	$\rho/2\pi$	812.9	204.5	~~122.5~~	138.1	103.9	88.1				
DRIFT	MCF	2.91	2.31	2.09	2.14	2.02	1.95	bg			
S. P.											
NOISE		I = 400 nA									
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru dl 21+22

LINE 22, HALF _____, SP. _____, a = 50', BEARING _____

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/16/81

PAGE Re-6

HEINRICHS GEOEX

SEND	71-73	69-71	67-69	65-67	63-65					
RECEIVE	75-77	75-77	75-77	75-77	75-77					
MULTIPLIER										
PFE	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~					
CUR. (AMPS)	5-6	4-5	3-4	2-3	1-2					
POINT NO.										
SEP. (n)										
H. F. MV	[illegible]	15.7	6.07	2.17	1.06					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	478.3	148.0	143.0	102.3	37.4					
DRIFT MCF	2.68	2.17	2.16	2.01	~~[illegible]~~ 1.94	log				
S. P.										
NOISE	t = 400 mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru Sh 21+22

LINE 22, HALF _____, SP. _____, α = 50', BEARING 92°W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		67-69	69-71	71-73	73-75	75-77	77-79				
RECEIVE		63-65	65-67	63-65	65-67	65-67	63-65				
MULTIPLIER											
PFE											
CUR. (AMPS)											
POINT NO.											
SER. (n)											
H. F. MV											
DRIFT											
1.0 PFE	K_n/1000										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_C										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE		I=400 mA						See Remarks			
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dis 21 & 22

LINE 22, HALF _____, SP. _____, a = 50', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

PAGE 250

HEINRICHS GEOEX

SEND		69-71	71-73	73-75	75-77	77-79					
RECEIVE		65-67	65-67	65-67	65-67	65-67					
MULTIPLIER											
PFE		4-5	5-6	6-7	7-8	8-9					
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		1.6	19.4	4.64	2.19	1.26					
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}								Redone		
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF								see retak		
S. P.											
NOISE			I = 400 MA								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru dih. 21 x 22

LINE 22, HALF _____, SP. _____, a = 50', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND		77-77	75-77	73-75	71-73	69-71	67-69				
RECEIVE		81-83	81-83	81-83	81-83	81-83	81-83				
MULTIPLIER											
PFE		8-9	7-8	6-7	5-6	4-5	3-4				
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		~~[illegible]~~	~~[illegible]~~	~~7.5~~	~~3.39~~	~~[illegible]~~	1.05				
DRIFT		5.14	36.5	7.48	3.37	1.50					
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE		I 400 mA									
POT RES.											
CULT & CMTS											

Redone

See plate 3

I. P. RECEIVER NOTES, JOB NO. _____, AREA line they dehis 21+22

LINE 22, HALF _____, SP. _____, a = 50', BEARING 92° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

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HEINRICHS GEOEX

SEND	75-77	73-75	71-73	69-71	67-69	65-67				
RECEIVE	79-81	79-81	79-81	79-81	79-81	79-81				
MULTIPLIER										
PFE	7-8	6-7	5-6	4-5	3-4	2-3				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	5.20	20.6	7.47	2.86	1.87	1.38				
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$										
DRIFT MCF										
S. P.										
NOISE	I=400mA									
POT RES.										
CULT & CMTS										

transpose wires, wrong reading see re-4

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line thru d.h.'s 21-22

LINE 22, HALF _____, SR. _____, a = 50', BEARING 22°W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 7/15/51

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HEINRICHS GEOEX

SEND	72-75	71-72	69-71	67-69	65-67	63-65				
RECEIVE	77-79	77-79	77-79	77-79	77-79	77-79				
MULTIPLIER										
PFE	6.7	5.0	4.5	3.0	2.1	1.2				
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	3.20	2.27	5.27	2.99	1.93	1.70				
DRIFT										
1.0 PFE K_n/1000										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$										
DRIFT MCF										
S. P.										
NOISE	7-400 μv									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA line thru d.h. 21+22

PAGE 25

LINE 22, HALF _____, SP. _____, a = 50, BEARING 22° W of N

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/15/81

HEINRICHS GEOEX

SEND	71-73	69-71	67-69	65-67	63-65					
RECEIVE	75-77	75-77	75-77	75-77	75-77					
MULTIPLIER										
PFE	5-6	4-5	3-4	2-3	1-2					
CUR. (AMPS)										
POINT NO.										
SEP. (n)										
H. F. MV	208	15.9	6.09	3.26	1.06					
DRIFT										
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$										
DRIFT MCF										
S. P.										
NOISE	I=400mA									
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. _____, AREA Line 20 through RH 20

LINE 20, HALF _____, SP. _____, a = 25', BEARING E-W

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/11/81

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HEINRICHS GEOEX

SEND		87-88	88-89	89-90	90-91	91-92		91-88		88-89	
RECEIVE		85-86	85-86	85-86	85-86	85-86		85½-86½		85½-86½	
MULTIPLIER											
PFE		1.63	22.6	6.36	2.22	1.03		1.760			
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		354.1	213	149.7	127.2	109.7		1251.7		301.5	
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$										
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB NO. _____, AREA F-W line through Drill 20

LINE 20, HALF _____, SP. _____, a = 25', BEARING F-W

SENDER STA. _____ = ELECTRODE NO. _____, DATE 3/1/81

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HEINRICHS GEOEX

SEND		88-89	89-90	90-91	91-92		88-89	89-90			
RECEIVE		86-87	86-87	86-87	86-87		86½-87½		86½-87½		
MULTIPLIER											
PFE	elect	3-4	4-5	5-6	6-7		3-4	4-5	4-5		
CUR. (AMPS)											
POINT NO.											
SEP. (n)											
H. F. MV		235	24.9	7.23	2.86		282-90	64.1	64.1		
DRIFT											
1.0 PFE	$K_n/1000$										
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c										
3.0 MV	$\rho/2\pi$	253.7	234.7	170.4	134.8		175.7	232.4	220.4		
DRIFT	MCF										
S. P.											
NOISE											
POT RES.											
CULT & CMTS											