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I. P. SENDER NOTES

JOB No. 1071 AREA Mendoza Wash

LINE 2, HALF 3, SP. 1, DATE 5/1-3/76

HEINRICHS GEOEX

PAGE 1

SEND 11.5	5-6	5-6	6-7	4-5	4-5	5-6	6-7	3-4	3-4	4-5
RECEIVE	5N-5S	0-10S	→	5-15S	20-30S	→	→	15-25S	20-30S	→
RANGE	300 X20	300 X 20	300X20	300 X 20	300 X20	300 X 20	300X20	300X20	300 X 20	300 X20
VOLTAGE	380	380	430	400	400	380	430	450	450	400
CURRENT	6	6	6	6	6	6	6	6	6	6
SEND	5-6	6-7	2-3*	3-4	4-5	5-6	6-7	1-2	1-2	2-3
RECEIVE	→	→	30-40S	→	→	→	→	35-45S	40-50S	→
RANGE	300 X 20	300X20	300X20	300 X 20	300 X 20	300X20	300X20	300 X 20	300 X 20	300 X20
VOLTAGE	380	430	500	430	380	370	420	580	580	500
CURRENT	6	6	6	6	6	6	6	6	6	6

FREQUENCIES	
SENDER No. 267215	POWER UNIT ID
OPERATOR V.S	
RECEIVER No. 2505R	HOURS RUN
OPERATOR R. R.	

COMMENTS: 2-3.5 Reading on Pg 2

6-7 - 6 3-4 - 6

5-6 "

4-5 "

I. P. SENDER NOTES

JOB No. 1091 AREA Mendoza WASH

LINE 2, HALF E5, SP. 1, DATE

HEINRICHS GEOEX

PAGE 2

SEND	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6	1-2
RECEIVE	→	→	→	→	50-60s	→	→	→	→	60-70s
RANGE	300 X 20	→	→	→	→	→	→	→	→	→ 1
VOLTAGE	440	390	370	420	580	500	430	390	370	580
CURRENT	6	→	→	→	→	→	→	→	→	→ 1
SEND	2-3	3-4	4-5	1-2	2-3	3-4	2-3*	3-4	2-3	1-2
RECEIVE	→	→	→	70-80s	→	→	25-35s	CAL	CAL	CAL
RANGE	300 X 20	→	→	→	→	→ 1	300 X 20	200X10	200X10	200X10
VOLTAGE	500	430	390	580	500	430	500	150	170	200
CURRENT	6	→	→	→	→	→ 1	6	2	2	2

FREQUENCIES	
SENDER No.	POWER UNIT ID
OPERATOR	
RECEIVER No.	HOURS RUN
OPERATOR	

COMMENTS: * 2-3 FROM PG 1

3-4 - 150
2-3 - 170
1-2 - 200

I. P. SENDER NOTES

JOB No. 1091 AREA MENDOZA WASH

LINE 2, HALF N, SP. 1, DATE 5/6/76

HEINRICHS GEOEX

SEND	3-4	4-5	4-5	3-4	2-3	1-2	5-6	5-6	4-5	3-4
RECEIVE	5-15N	15-25N	20-30N	→	→	→	25-35N	30-40N	→	→
RANGE	20X300	→	→	→	▶1	20X250	20X300	20X400	20X400	20X350
VOLTAGE	440	390	390	440	510	600	380	500	510	510
CURRENT	6	→	→	→	▶1	5	6	8	8	7
SEND	2-3	1-2	6-7	6-7	5-6	4-5	3-4	2-3	1-2	6-7
RECEIVE	→	→	35-45N	40-50N	→	→	→	→	→	50-60N
RANGE	20X350	20X300	20X350	20X350	20X400	20X400	20X350	20X350	20X300	20X350
VOLTAGE	550	600	500	500	500	510	510	550	590	500
CURRENT	7	6	7	7	8	8	7	7	6	7

FREQUENCIES 1.0, 8.0, 0.3, 0.1, 1.0

SENDER No. 26721S

OPERATOR V-S

RECEIVER No. 5715R

OPERATOR R.R

POWER UNIT ID

HOURS RUN

COMMENTS:

I. P. SENDER NOTES

JOB No. 1091 AREA MENDOZA WASH

LINE 2, HALF N, SP. 1, DATE

HEINRICHS GEOEX

SEND	5-6	4-5	3-4	2-3	6-7	5-6	4-5	3-4	6-7	5-6
RECEIVE	→	→	→	→	60-70N	→	→	→	70-80N	→
RANGE	20x400	20x400	20x350	20x350	20x350	20x400	20x400	20x350	20x300	20x400
VOLTAGE	500	510	510	550	500	500	510	510	400	500
CURRENT	8	8	7	7	7	8	8	7	6	8
SEND	4-5	3-4	4-5	5-6	6-7					
RECEIVE	→	CAL	CAL	CAL	CAL					
RANGE	20X400	20X350	20x100							
VOLTAGE	510	500	160							
CURRENT	8	7	2							

FREQUENCIES 1.0, 3.0, .3, .1, 1.0

SENDER No. 267215 POWER UNIT ID

OPERATOR V.S

RECEIVER No. 25705R HOURS RUN

OPERATOR R.R

COMMENTS:

I. P. SENDER NOTES

JOB No. 1091 AREA MENDOZA WASH

LINE 2, HALF 5, SP. 1, DATE MAY 4, '76

HEINRICHS GEOEX

SEND	2-3	1-2	2-3	3-4	4-5	5-6	6-7	1-2	4-5	
RECEIVE	25-35S	40-50S	→	→	→	→	→	CAL	CAL	
RANGE	20X300	20X250	20X300	20-300	→	→	→	20X100	20X100	
VOLTAGE	500	480	510	430	390	380	420	210	140	
CURRENT	6	5	6	6	6	6	6	2	2	
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES 1.0, 3.0, .3, .1, 1.0

SENDER No. 26721S | POWER UNIT ID

OPERATOR VS

RECEIVER No. | HOURS RUN

OPERATOR RR

COMMENTS: SPECTRAL READINGS, 5TH. END LINE 2

5-6 = 390

I. P. RECEIVER NOTES, JOB No. 1091, AREA Mendoza Wash

PAGE 1

HEINRICHS GEOEX

LINE 2, HALF S, SP. 1, a = 1000', BEARING 90°S

SENDER STA. 0N-S = ELECTRODE No. 4, DATE ~~4/30/1965~~ 5-1-76

1.0 3.0 1.0 3.0

SEND	5-6	5-6	6-7	4-5	4-5	5-6	6-7	3-4	3-4	4-5
RECEIVE	5N-5S	0-10S	→	5-15S	10-20S	→	→	15-25S	20-30S	—
MULTIPLIER	10	1.0 / 1.0	0.1 / 0.1	10 / 10	1.0 / 1.0	0.1 / 0.1	0.1 / 0.1	10 / 10	1.0 / 1.0	0.1
PFE	1.2 / 0.1	1.3 / 1.8	1.6 / 1.5	1.2 / 1.2	1.5 / 2.0	1.9 / 4.1	2.7 / 7.8	.9 / .9	1.4 / 1.9	2.1 / 4.4
CUR. (AMPS)	6	6	6	6	6	6	6	6	6	6
POINT No.										
SEP. (n)	.5	1	2	.5	1	2	3	.5	1	2
H. F. Mv	196 / 179	38.9 / 38.6	6.00 / 5.85	194 / 193	44.1 / 43.7	7.00 / 6.80	2.26 / 2.14	191 / 190	41.8 / 41.3	7.68 / 7.47
DRIFT	0.1 / 0.0	0.0 / 0.0	0.0 / 0.0	0.0 / 0.0	0.1 / 0.0	0.0 / 0.0	0.0 / 0.2	0.0 / 0.0	0.0 / 0.1	0.1 / 0.1
1.0 PFE K_n/1000	1.8	5.75	23	1.8	5.75	23	57.5	1.8	5.75	23
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	55.1	38.0	22.2	57.3	42.0	26	21	56.5	39.5	28.4
DRIFT MCF	22.0	35.4	72	21.0	36.0	73.3	129	16.0	35.5	74
S. P.	3.7	1.00		0.0.1	04.5			3.7	40	
NOISE							3.2=22.4			
POT RES. 3.		36.4	22.1	57.0	41.3	25.2	20	56.2	39.1	28
CULT & CMTS		49.4	69.2	21.0	48.5	163.1	394	16.0	49.0	159

I. P. RECEIVER NOTES, JOB NO. 1091, AREA Mendoza Wash

LINE _____, HALF 1, SP. 1, a = 1000', BEARING 70° N-S

SENDER STA. 0 N-2 = ELECTRODE NO. 4 (vF+30'), DATE MAY 3, 76

PAGE 2

HEINRICHS GEOEX

SEND		5-6		6-7		2-3		2-3		3-4		4-5		5-6		6-7		1-2		1-2	
RECEIVE		→		→		25-35S		30-40S		→		→		→		→		35-45-S		40-50S	
MULTIPLIER		0.1	0.1	0.1	0.1	10	10	1.0	1.0	0.1	0.1	0.1	0.1	0.1	0.1	.01	-.01	10	10	1.0	1.0
PFE		3.1	7.9	3.2	13.5	0.8	0.8	1.1	1.8	1.8	4.8	3.2	8.2	4.0	12.5	2.4	16.9	0.8	0.8	2.5	3.4
CUR. (AMPS)		6		6		6		6		6		6		6		6		6		6	
POINT NO.																					
SEP. (n)		3		4		.5		1		2		3		4		5		.5		1	
H. F. MV		2.67	2.52	1.19	1.09	162	161	37.4	36.9	7.29	7.04	3.13	2.95	1.59	1.44	.839	.746	154	154	13.1	12.8
DRIFT		0.2	-0.1	-0.1	0.1	0.1	-0.1	0.0	0.1	-0.1	0.0	-0.1	0.0	-0.2	0.0	0.4	-0.2	0.0	0.0	0.1	0.1
1.0 PFE	K_n/1000	57.5		115		1.8		5.75		23.0		57.5		115		201		1.8		5.75	
0.3 PFE	ρ_{CAL}																				
0.1 PFE	PFE_c																				
3.0 MV	$\rho/2\pi$	25		22	21.0	48.1	48.0	35.3	35.0	27.5	27.0	29.5	28.0	30.0	27.2	28.1	25.1	45.5	45.5	12.4	12.1
DRIFT	MCF	125		145	656	17.0	17.0	31.2	52.1	65.4	180	108.3	294	133.2	460.1	87.1	686.4	18.1	18.0	202.1	281.3
S. P.				N1-2.4-3.8		11.3		9.9										-25.7		-20.2	
NOISE		1° 0-.4	3° 0-.6	D1:1.-.1										1-N1-2		D-4-.14					
POT RES.	3	23.3		N3.13-.14																	
CULT & CMTS		339		D3-0.6-0.8																	

3.

,1, Returned - RT

I. P. RECEIVER NOTES, JOB No. 1091, AREA MENDOZA WASH

LINE 2, HALF S, SR. 1, a = 1000', BEARING 90°S

SENDER STA. ON-S = ELECTRODE No. 4, DATE MAY 3, 76

F-150+

PAGE 3

HEINRICHS GEOEX

SEND	2-3		3-4		4-5		5-6		6-7		1-2		2-3		3-4		4-5		5-6				
RECEIVE											50-60S												
MULTIPLIER	0.1	0.1	0.1	0.1	0.1	0.1	.01	.01	.01	.01	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	.01	.01			
PFE	2.0	6.6	2.4	10.0	3.3	13.0	6.5	16.5	5.0	20.0	2.6	6.2	3.2	9.4	4.0	13.3	7.1	16.2	7.8	19.6			
CUR. (AMPS)	6		6		6		6		6		6		6		6		6		6				
POINT NO.																							
SEP. (n)	2		3		4		5		6		2		3		4		5		6				
H. F. MV	4.8	4.64	2.69	2.50	1.42	1.46	.935	.940	.555	.478	5.91	5.68	3.16	2.97	2.03	1.86	1.26	1.17	.709	.675			
DRIFT	0.2	0.0	0.1	0.0	0.4	0.2	0.2	0.2	0.6	0.2	0.2	0.0	0.4	0.1	0.2	0.1	0.5	0.1	0.1	0.2			
1.0 PFE K_n/1000	23.0		57.5		115		201		322		23.0		57.5		115		201		322				
0.3 PFE ρ_{CAL}																							
0.1 PFE PFE_c					3.5				4.9				3.0				6.9						
3.0 MV $\rho/2\pi$	18.4	17.5	25.4	24.0	31.0	28.1	31.0	28.0	29.3	21.5	22.3	21.5	30.0	28.0	38.3	35.1	42.0	39.0	41.0	36.1			
DRIFT MCF	109.0	277.0	94.5	424	114	471	211.0	595	160	289.0	116.5	289	101	335	104.3	379	166	419	192	546			
S. P.							$I_{+/-}$				24.7												
NOISE																							
POT RES.																							
CULT & CMTS																							

.1. Returned from RT side

I. P. Receiver Notes, Job No. 1091, Area MENDOZA WASH

Line 2, Half S, Sp. 1, a = 1000', Bearing 90°S

Sender Sta. 0.NS = Electrode No. 4, Date

Page 4

HEINRICHS GEOEX

Send		1-2		2-3		3-4		4-5		1-2		2-3		3-4		Cal		Cal		Cal	
Receive		60-70S		→		→		→		70-80S		→		→		3-4		2-3		1-2	
Multiplier		0.1	0.1	0.1	0.1	0.1	0.1	-.01	.01	0.1	0.1	0.1	0.1	.01	.01	10	10	10	10	10	10
PFE		5.6	10.0	2.9	14.3	4.8	16.5	4.4	21.3	4.5	13.5	12.3	18.0	6.8	23.0	0.2	-0.2	0.2		0.1	-0.1
Cur. (amps)		6		6		6		6		6		6		6		2		2		2	
Point No.																					
Sep. (n)		3		4		5		6		4		5		6							
H. F. Mv		3.16	2.95	2.03	1.91	1.34	1.21	.858	.741	2.13	1.94	1.45	1.30	.962	.828	201	201	203	201	201	201
Drift		0.2	-0.2	-0.2	0.0	0.2	-0.2	0.4	-0.2	-0.1	-0.1	0.6	-0.2	0.5	0.4	0.1	-0.1	0.0		0.0	0.0
1.0 PFE	K_n/1000	57.5		115		201		322		115		201		322							
0.3 PFE	ρ_{CAL}																				
0.1 PFE	PFE_c							4.2				11.7		6.3	22.8						
3.0 MV	$\rho/2\pi$	30.0	28.0	38.3	34.6	44.2	40.0	45.4	39.2	40.2	37.0	47.2	43.0	51.0	44.1						
Drift	MCF	188	359	76.0	418	108	413	93.0	544	112	368	248	419	124	521						
S. P.		24.0								20.3				10-2.3.							
Noise												10-2.+3		1N-5.8.0							
Pot Res.																					
Cult & Cmts																					

I. P. RECEIVER NOTES, JOB No. 1091, AREA MENDOZA WASH

LINE 2, HALF N, SR. 1, a = 1000', BEARING 90° N

SENDER STA. 0-NS = ELECTRODE No. 41, DATE

HEINRICHS GEOEX

SEND	SP	3-4	SP	4-5	4-5	3-4	2-3	1-2	5-6	5-6
RECEIVE	0-10N	5-15N	10-20N	15-25N	20-30N	→	→	→	25-35N	30-40N
MULTIPLIER		10		10	1.0	0.1	0.1	0.1	10	1.0
PFE		1.8	0.4		1.5	-0.4	0.9	-0.8	0.8	-1.9	2.2	-4.5	4.2	6.4	0.3	-1.0	.8
CUR. (AMPS)		0.9			0.6		0.3		.3		1.6		4.0		-0.2	
POINT NO.																
SEP. (n)		.5	1.8		.5	1.8	1	5.75	2	23.0	3	57.5	4	28.7	.5	1.8	1	5.75
H. F. MV		20.1			19.7		39.9		6.71		2.55		1.16		162		96.2	
DRIFT		0.1			0.0		-0.1		-0.2		0.1		0.4		-0.2		0.0	
1.0 PFE K_n/1000																		
0.3 PFE ~~REAL~~	cur	6			6		6		6		6		5		6		8	
0.1 PFE PFE_c																		
3.0 MV P/2π		58.3			57.1		37.0		25.0		24.0		6.4		47.1		32.1	
DRIFT MCF		31.1			26.3		24.0		32.2		93.2		65.3		6.4		25.0	
S. P.	4.3	8.1	15.2		19.8		11.3								5.1		1.0	
NOISE																		
POT RES.																		
CULT & CMTS																		

I. P. RECEIVER NOTES, JOB No. 1091, AREA MENDOZA WASH

LINE 2, HALF N, SR. 1, a = 1000', BEARING 90°N

SENDER STA. O-WS = ELECTRODE No. 4, DATE

PAGE 6

HEINRICHS GEOEX

SEND	4-5	3-4	2-3	1-2	6-7	6-7	5-6	4-5	3-4	2-3
RECEIVE	———	———	———	——→	35-45N	40-50N	———	———	———	———
MULTIPLIER	0.1	0.1	0.1	.01	10	1.0	0.1	0.1	0.1	.01
PFE	0.2	2.2	3.6	5.0	7.2	1.8	1.4	2.4	2.2	6.0
CUR. (AMPS)										
POINT NO.										
SEP. (n)	2/23	3/57.5	4/115	5/201	.5/1.8	1/6.75	2/23	3/57.5	4/115	5/201
H. F. MV	9.80	3.14	1.73	.969	19.6	20.3	74.4	32.3	15.2	.975
DRIFT	-0.4	0.2	-0.2	-0.3	-0.1	0.2	0.0	-0.4	-0.6	0.6
1.0 PFE K_n/1000										
0.3 PFE ρ_{CAL}	8	7	7	6	7	7	8	8	7	7
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	27.2	25.0	27.5	32.1	49.1	16.1	20.9	22.4	24.1	27.0
DRIFT MCF	7.3	88.3	131	159	25.0	11.2	7.1	11.1	9.1	22.2
S. P.					16.7	0.1				
NOISE										
POT RES.					O-Head					
CULT & CMTS					w.te 50's					

I. P. RECEIVER NOTES, JOB No. 1091, AREA MENDOZA WASH

LINE 2, HALF N, SR. 1, a = 1000', BEARING 90°N

SENDER STA. ON-S = ELECTRODE No. 4, DATE

HEINRICHS GEOEX

SEND	1-2	6-7	5-6	4-5	3-4	2-3	6-7	5-6	4-5	3-4
RECEIVE	→	50-60N	→	→	→	→	60-70N	→	→	→
MULTIPLIER	.01	0.1	0.1	0.1	.01	.01	0.1	0.1	0.1	.01
PFE	11.5	7.0	2.2	2.1	3.0	9.5	4.0	6.3	4.0	8.6
CUR. (AMPS)										
POINT NO.										
SEP. (n)	6/322	2/23	3/57.5	4/115	5/201	6/322	3/57.5	4/115	5/201	6/322
H. F. MV	.607	5.59	3.31	1.82	.969	.693	2.65	1.92	1.29	70.9
DRIFT	06	-0.1	-0.2	-0.4	-0.2	0.1	0.4	0.4	0.2	0.4
1.0 PFE K_n/1000										
0.3 PFE P_{CAL}	6	7	8	8	7	7	7	8	8	7
0.1 PFE PFE_C										
3.0 MV $P/2\pi$	32.0	16.0	25.1	25.3	27.1	31.1	21.0	27.1	31.3	31.5
DRIFT MCF	365	56.4	96.0	107	112	309	190	236	129	273
S. P.		9.2					10.3			
NOISE										
POT RES.		FAR-GRND								
CULT & CMTS		15'N								

2

I. P. RECEIVER NOTES, JOB NO. 1091, AREA MENDOZA WASH

LINE 2, HALF N, SP. 1, a = 1000', BEARING 90°N

SENDER STA. 0-NS = ELECTRODE NO. 41, DATE 4/30/76 \ 5-1-76

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HEINRICHS GEOEX

SEND	6-7	5-6	4-5	3-4	4-5	4-5	5-6	4-5	6-7	4-5
RECEIVE	70-80N	→	→	CAI	CAI	CAI	CAI	CAI	CAI	CAI
MULTIPLIER	0.1	0.1	.01		10			10		
PFE	8.6	2.2	2.6		0.2	0.1		0.1		-0.1
CUR. (AMPS)										
POINT NO.										
SEP. (n)	4/115	5/201	6/322							
H. F. MV	1.47	1.50	99.9		218	208		207		206
DRIFT	0.6	-0.5	-0.6		0.2	0.0		0.0		0.0
1.0 PFE K_n/1000										
0.3 PFE ~~PEAK~~	6	8	2							
0.1 PFE PFE_C										
3.0 MV $P/2\pi$	27.2	36.4	609							
DRIFT MCF	316	60.4	3.3							
S. P.	2.6									
NOISE										
POT RES.										
CULT & CMTS	TOO NOISY!									

Spectral Readings 5th end Line 2

I. P. Receiver Notes, Job No. 1091, Area Mendoza Wash, Page 9

Line 2, Half S, Sp. 1, a = 1000', Bearing 90°

Sender Sta. 0 = Electrode No. 4, Date May 4 '76 | 5-5-76

10.1 | 30.3

HEINRICHS GEOEX

Send	2-3	1-2	2-3	3-4	4-5	5-6	6-7	1-2 (5-4-76)	4-5 (5-4-76)	
Receive	25-35S	40-50S	→					CAL	CAL	
Multiplier	10	1.0	0.1	0.1	0.1	0.1	.01	10	10	
PFE	0.8 | -0.4	1.1 | -1.2	2.7 | -3.6	2.5 | -6.1	3.2 | -8.0	5.2 | -10.7	7.4 | -15.2	0.1 | -0.2	0.0 | -0.2	
Cur. (Amps)	0.4	.8	1.6	1.8	2.6	3.2	5.5			
Point No.										
Sep. (n)	.5/1.8	1/15.75	2/23	3/52.5	4/115	5/201	6/222			
H. F. Mv	169	28.9	7.11	3.39	1.95	1.15	.663	208	208	
Drift	0.0	0.0	0.2	0.0	0.1	0.2	0.4	0.0 | 0.6	0.0 | 0.0	
1.0 ~~PFE~~ Kn/1000	CUR 6	5	6	6	6	6	6			
0.3 PFE Pcal										
0.1 PFE PFEc										
3.0 MV P/2π	49.0 | 49.0	27.0 | 27.0	26.2 | 26.2	31.2 | 31.2	36.0 | 36.0	37.0 | 37.0	34.2 | 34.2			
Drift ~~MCF~~	49.0	27.0	26.2	31.2	36.0	37.0	34.2			
S. P.	17.2	3.5		5|5 22.8					1.0-2.2	
Noise										
Pot Res MCF	16.4 | -8.2	41.3 | -45.9	103 | H 37	80.0 | 195	89.0 | 222	167 | 29.1	216 | -444			
Cult & Cmts	8.2	30.9	61	58.0	72.3	86.4	161			

CHEQUE EXPLORATION COMPANY
106 W. GRANT RD., P.O. BOX 5964 TUCSON, ARIZ. 85703. PH: (602) 623-0578

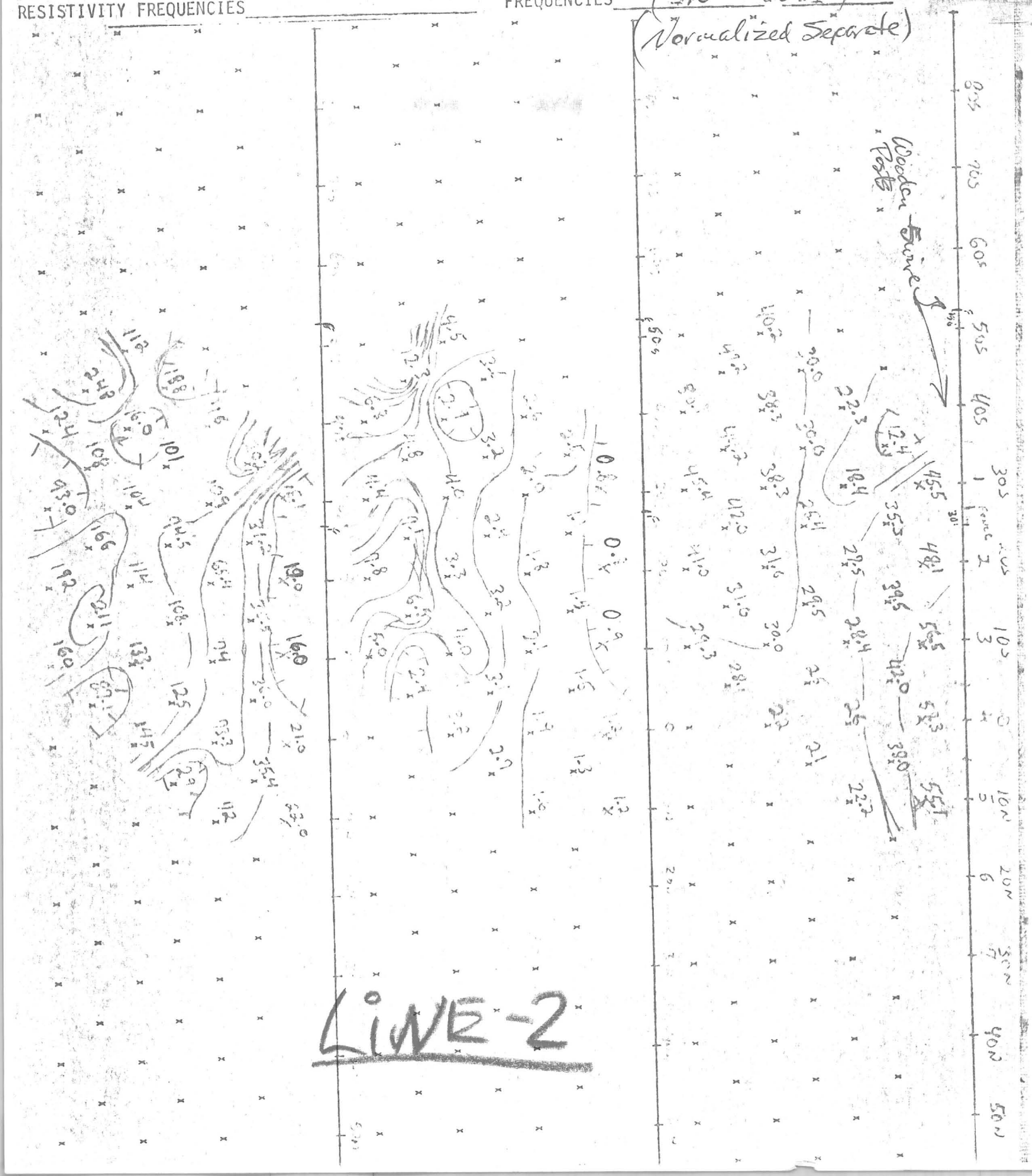
JOB # 1091 CLIENT St. Joe Min. Corp.

DATE May 3, 76 AREA Mendoza Wash

LINE# 2 SP 1 a= 1000' BEARING 70° N-S

RESISTIVITY FREQUENCIES FREQUENCIES (1.0 & 0.1) Hz

(Normalized Separate)



GEONEXPLORATION COMPANY

806 W. GRANT RD., P.O. BOX 5964 TUCSON, ARIZ. 85703. PH: (602) 623-0578

JOB # 1021 CLIENT St Joe Am. Corp.

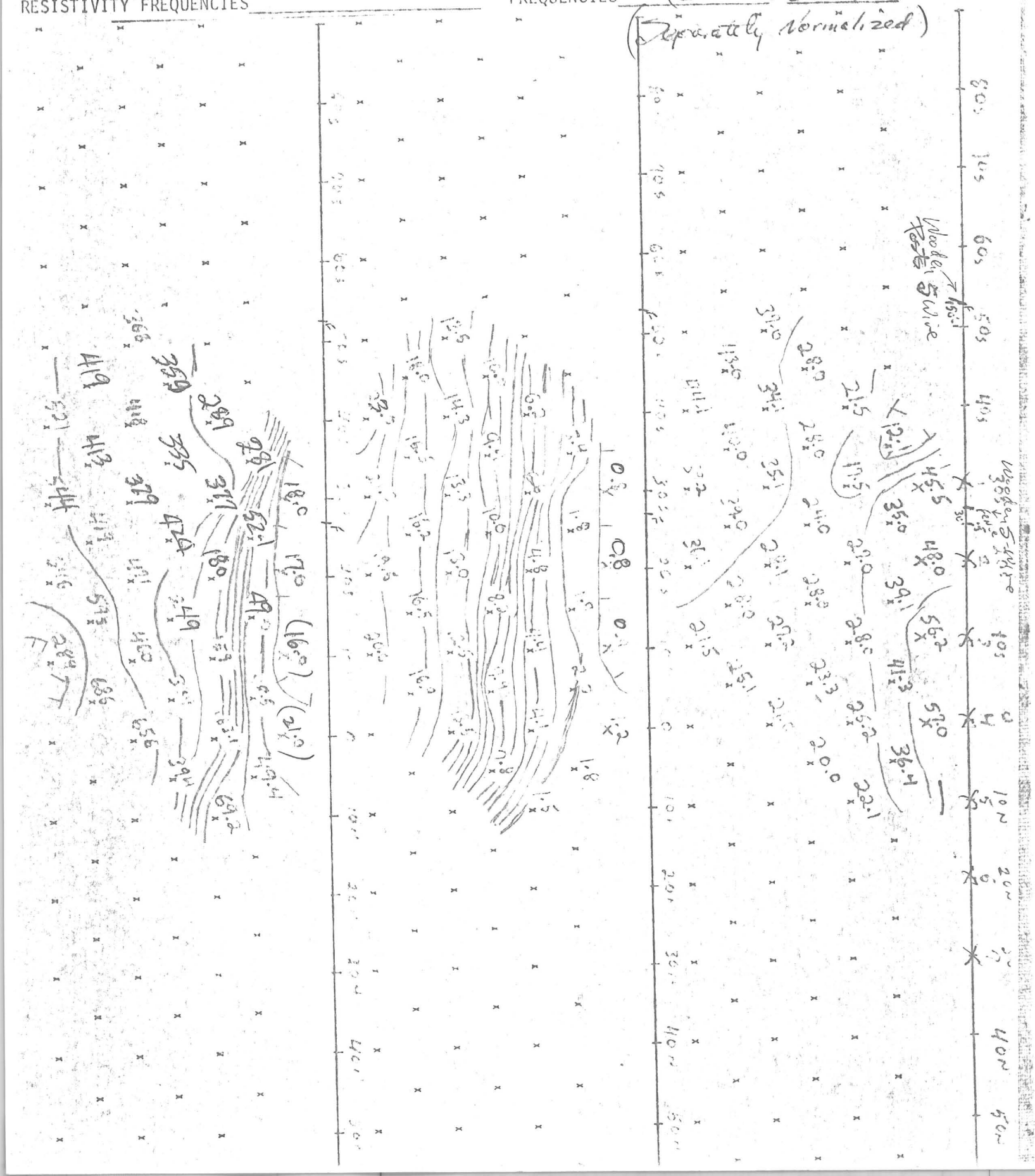
DATE MAY 3 '76 AREA Mendoza Wash

LINE# 2 SP 1 a= 1000' BEARING 90° N-S

RESISTIVITY FREQUENCIES

FREQUENCIES (3.0 & 0.3) Hz

(Separately Normalized)



HEINRICHS GEOEXPLORATION COMPANY

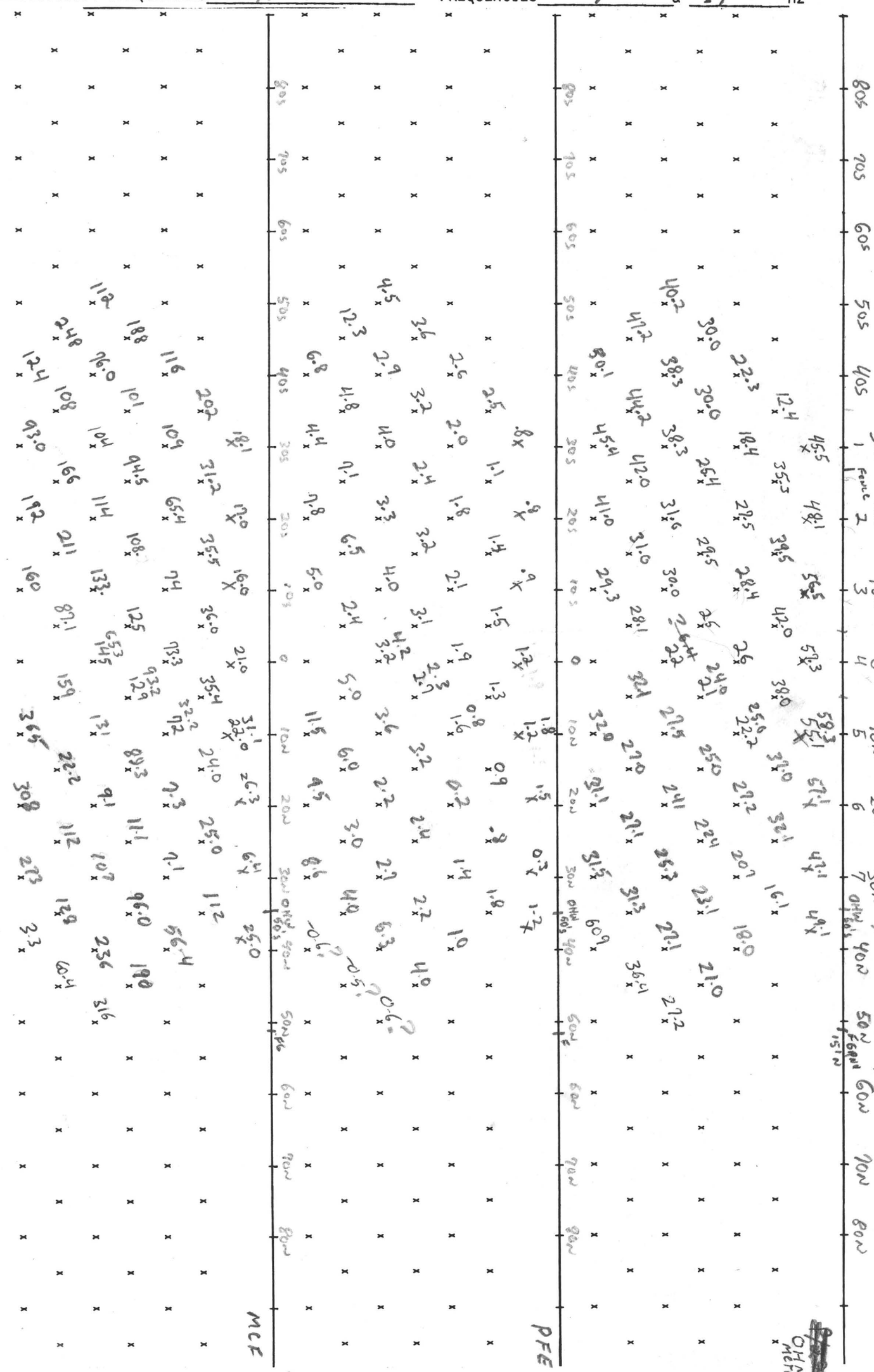
806 W. GRANT RD., P.O. BOX 5964 TUCSON, ARIZ. 85703. PH: (602) 623-0578

JOB # 1091 CLIENT ST. JOE AM. Corp.

DATE MAY 3, '76 AREA MENDOZA WASH

LINE# 2 SP 1 a= 1000' BEARING 90° N-S

RESISTIVITY FREQUENCIES 1, 0.3 FREQUENCIES 1 & .1 Hz



(POINTS IN INK - High Noise & Probably INNaccurate)

HEINRICHS GEOEXPLORATION COMPANY

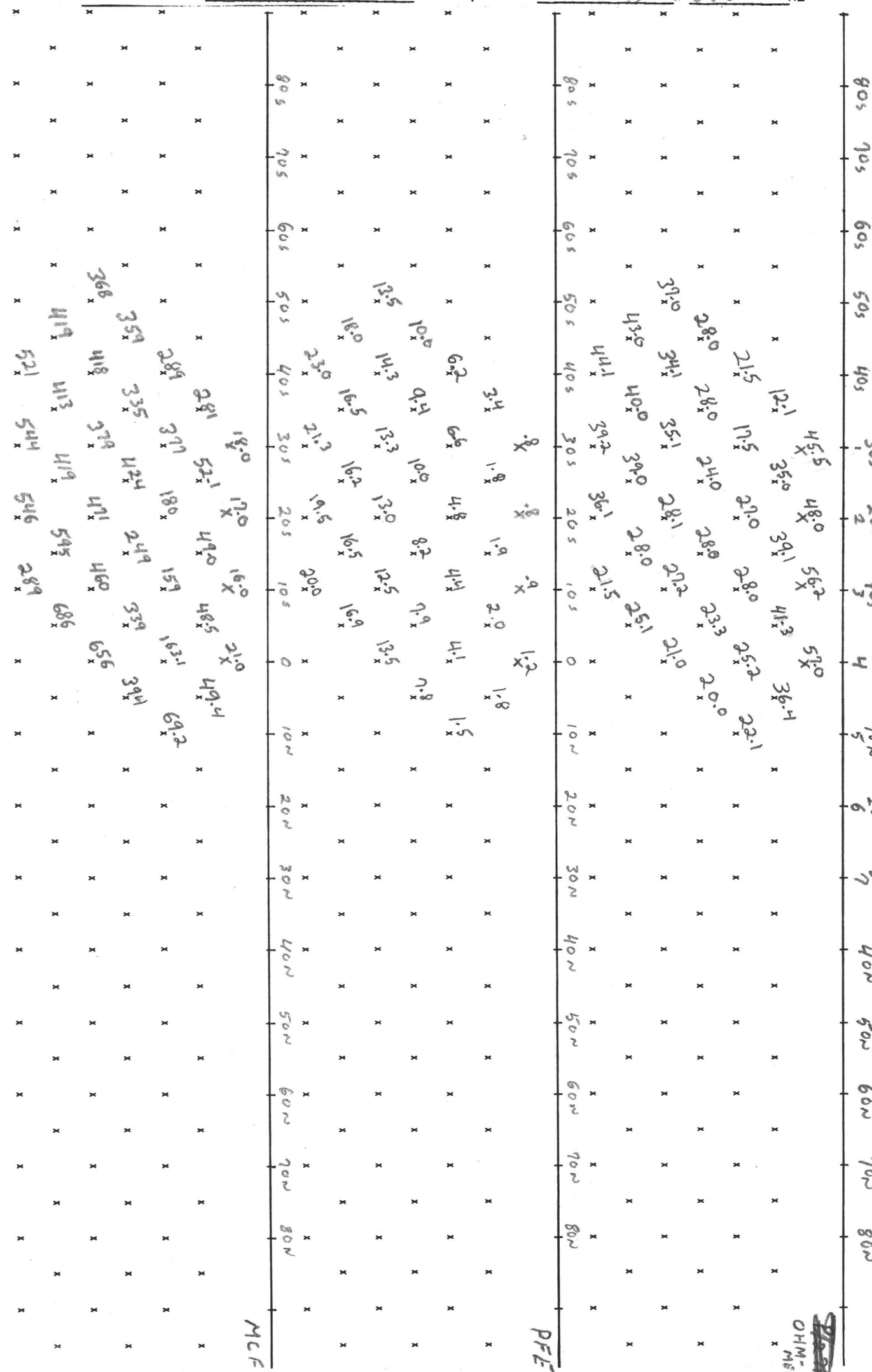
806 W. GRANT RD., P.O. BOX 5964 TUCSON, ARIZ. 85703. PH: (602) 623-0578

JOB # 1091 CLIENT St. Joe Am. Corp.

DATE May 3, '76 AREA Mendoza Wash

LINE# 2 SP 1 a= 1000' BEARING 90° N-S

RESISTIVITY FREQUENCIES 3.0 ? FREQUENCIES 3.0 & 0.3 Hz



HEINRICHS GEOEXPLORATION COMPANY
806 W. GRANT RD., P.O. BOX 5964 TUCSON, ARIZ. 85703. PH: (602) 623-0578

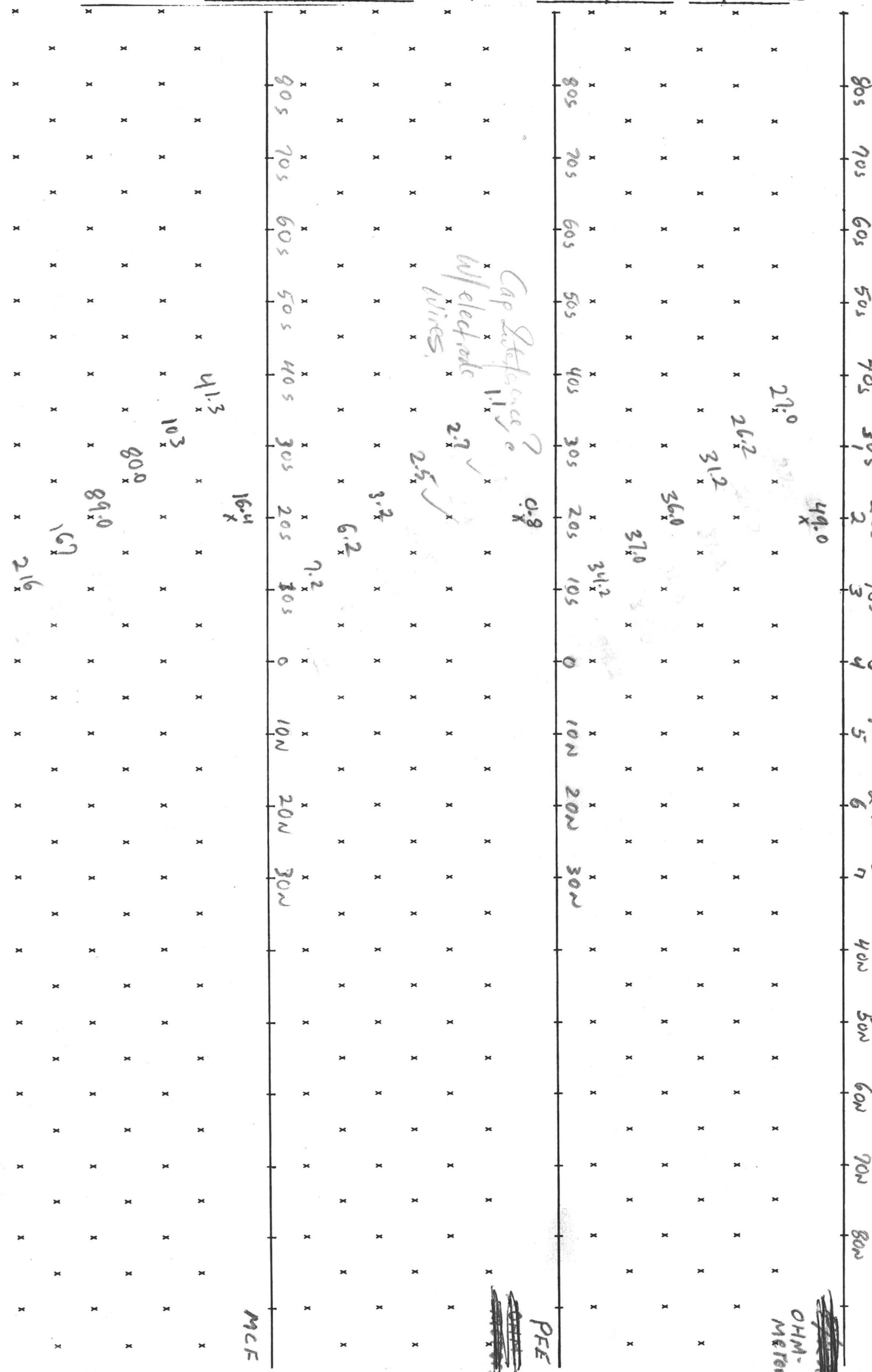
JOB # 1091 CLIENT St. Joe Am. Co.

DATE May 5, 1976 AREA Mendoza Wash

LINE# 2 SP 1 a= 1000' BEARING

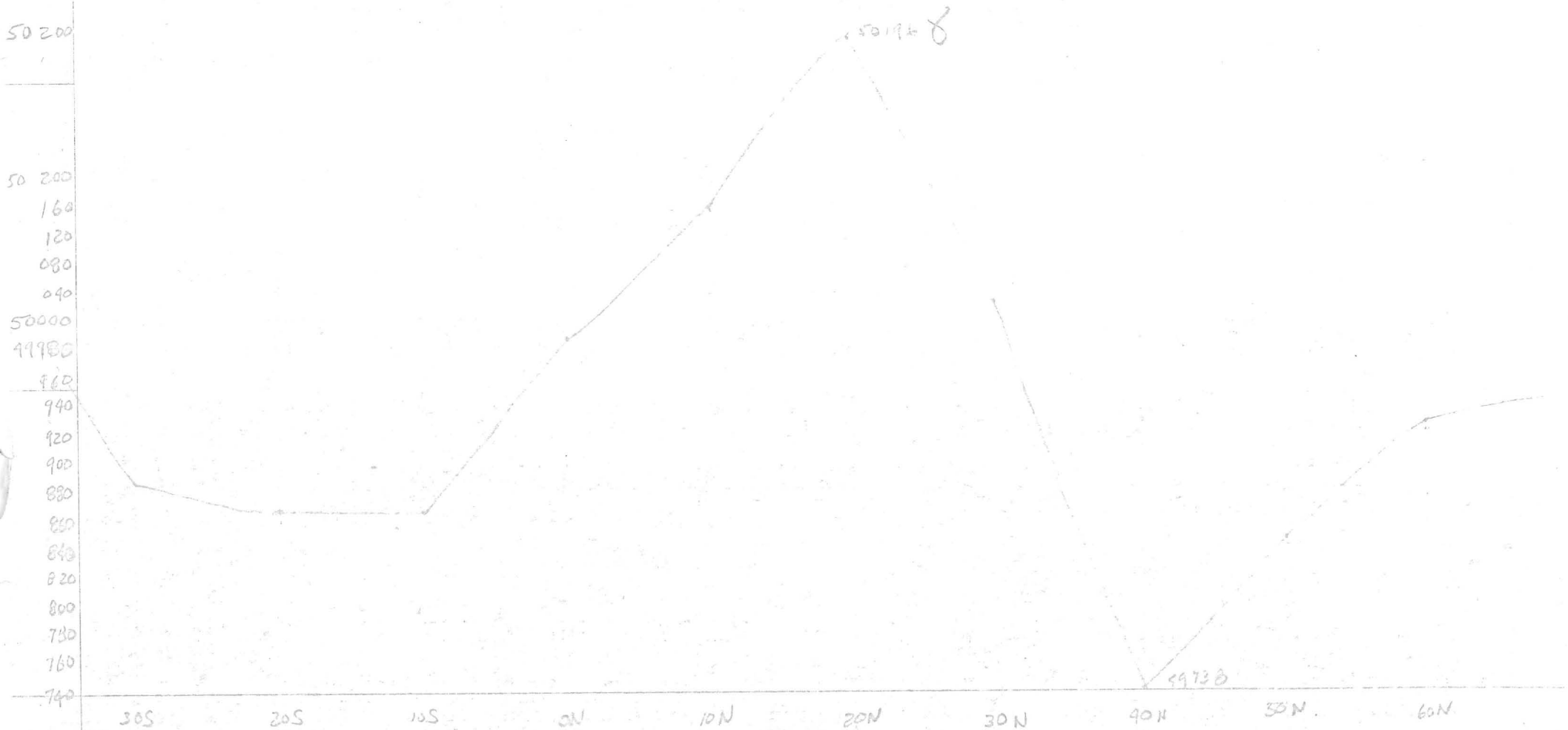
RESISTIVITY FREQUENCIES 1.0

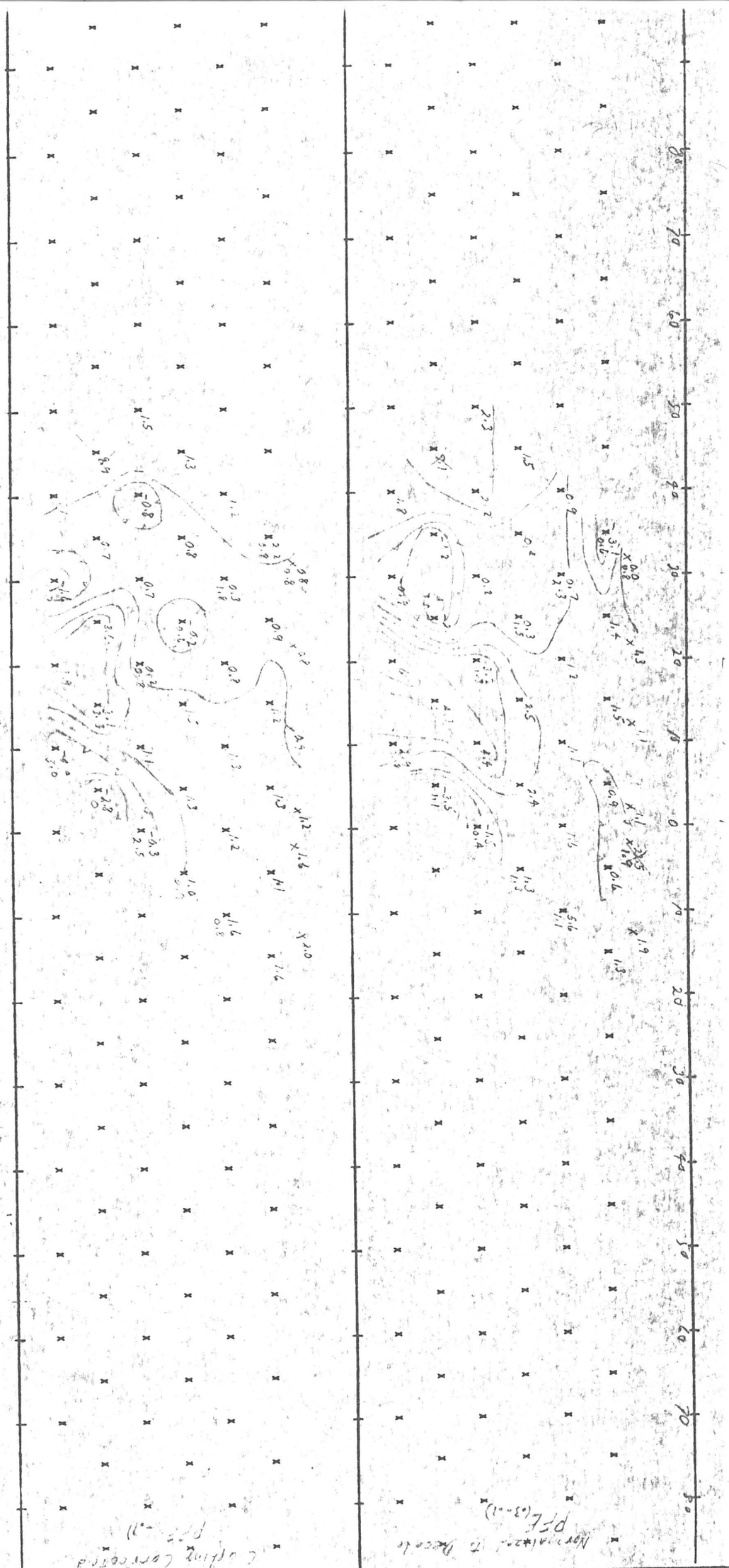
FREQUENCIES 1.0 & 0.1 Hz



Job #1091
LINE-2
Total Magnetic Intensity

HEINRICHS 5/7/76
GEOEXPLORATION CO.
[illegible] Tucson, Arizona 85703
Phone: (602) [illegible]-0578
Cable: GEOEX
V. Sargent.





Chargeability (ms)

Apparent Resistivity (ohm meters)

ST. JOE MINERALS CORP.
TUCSON, ARIZONA
PROJECT_____

Date_____

AREA Montosa Wash

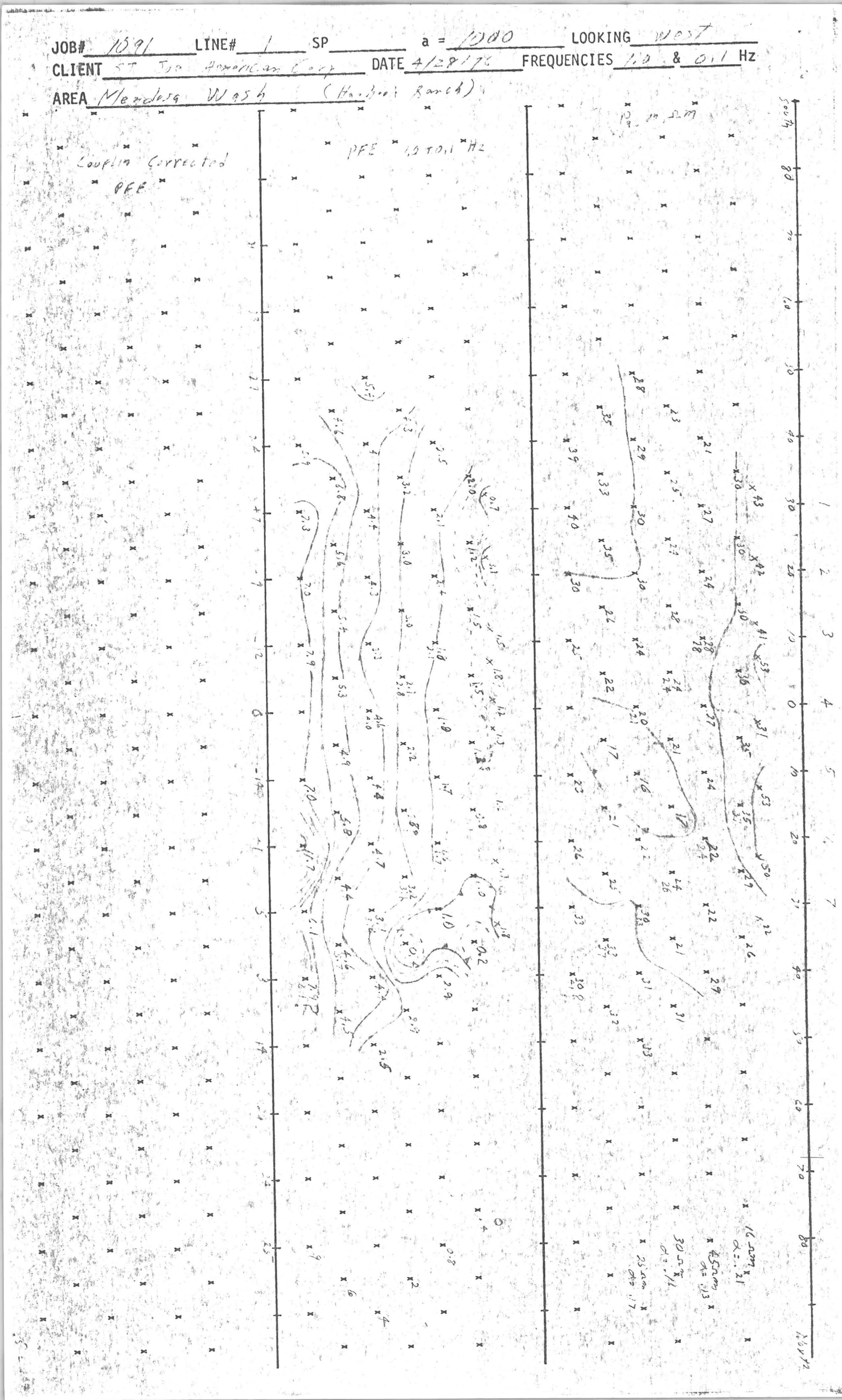
Line 2 Spread 1

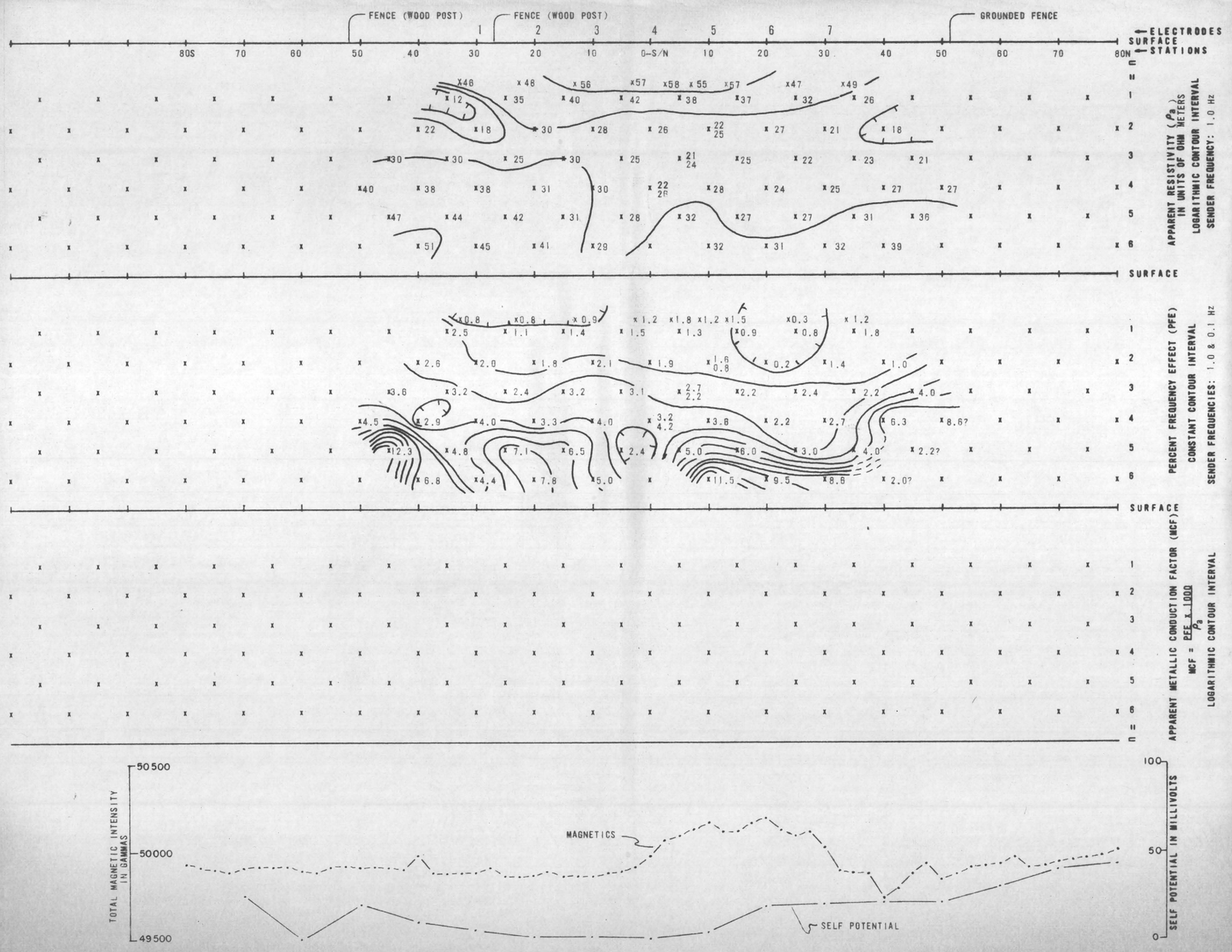
Bearing N "a" = 1000

JOB# 1091 LINE# 1 SP _____ a = 1000 LOOKING West

CLIENT ST Joe American Corp DATE 4/28/76 FREQUENCIES 1.0 & 0.1 Hz

AREA Mendosa Wash (Hawkeye Ranch)





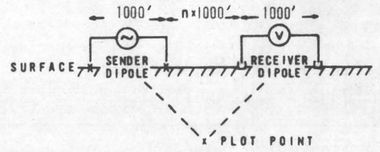
1091-76

LINE NO. 2
SPREAD(S) 1
BEARING N/S

INDUCED POLARIZATION TRAVERSE SECTIONAL DATA SHEET of MENDOZA WASH AREA for ST. JOE AMERICAN CORP.

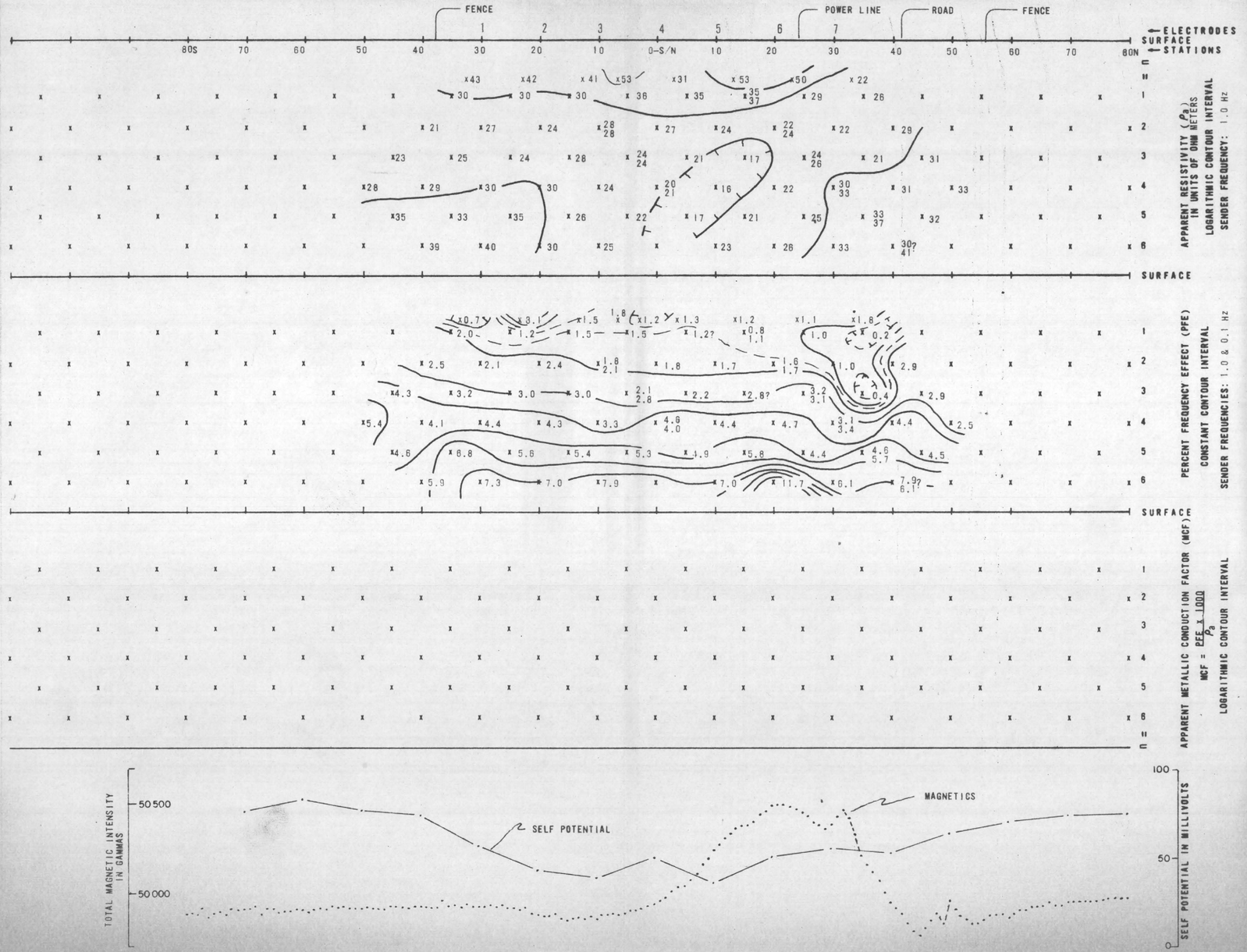
RELATIVE ANOMALY STRENGTH

DIPOLE-DIPOLE ELECTRODE ARRAY



DATE
MAY 1976

HEINRICHS GEOEXPLORATION COMPANY
806 W. GRANT ROAD, POST OFFICE BOX 5964, TUCSON, ARIZ., 85703, PHONE: (602)623-0578



1091-78

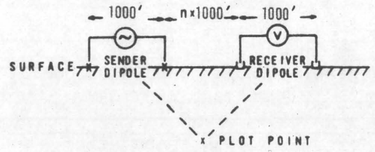
LINE NO. 1
SPREAD(S) 1
BEARING N-S

INDUCED POLARIZATION TRAVERSE SECTIONAL DATA SHEET of MENDOZA WASH AREA for ST. JOE AMERICAN CORP.

RELATIVE ANOMALY STRENGTH

VERY WEAK — WEAK — MODERATE — STRONG

DIPOLE-DIPOLE ELECTRODE ARRAY



DATE
MAY 1976

HEINRICHS GEOEXPLORATION COMPANY
806 W. GRANT ROAD, POST OFFICE BOX 5964, TUCSON, ARIZ., 85703, PHONE: (602)623-0578

JOB No. 1091 LINE No. 1 PAGE 1
AREA MENDOZA WASH DATE 4-30-76
INSTRUMENT MAG. 065 - V. Sargent

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1				+2			
2	L1, 0N	12:15	49946	91	0		49946
3	L2 0N	:19	982	4	-1		49982
4	L1 0N	:23	946	111	8		49946
5				+0			
6	L1 0N	:30	946		0	0	49946
7	1		960				960
8	2		982				982
9	3		50021				50021
10	4		036				036
11	5		046				046
12	6		081				081
13	7		113				113
14	8		168				168
15	10 N 9		199				199
16	10N		254				254
17	1		277				277
18	2	:38	307		8		307
19	3		347			+1	346
20	4		374				373
21	5		382				381
22	6	:40	393		10		392
23	7		418				417
24	8		459				458
25	9		473				472
26	20N		505				504
27	1		504				503
28	2		503				502
29	3	:45	498		15	+1	50497
30							

JOB No. 1091 LINE No. 1 PAGE 2
AREA DATE 4-30/76
INSTRUMENT

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1	4		50478			+1	50477
2	DWL 5		469				468
3	6		446				445
4	7		413				412
5	8		393				392
6	9		369			+2	367
7	30N	12:50	394		20	-2	392
8	1		446				444
9	2		472				470
10	3		436				434
11	4		343				341
12	5		223				221
13	6		168				166
14	7		127				125
15	8	12:55	082		25		080
16	9		008				50006
17	40N		49954			-3	49951
18	1		928				925
19	DWL 2		895				892
20	3		840				837
21	4		792				789
22	5		776				773
23	6	1:05	818		35		815
24	7		854				851
25	8		898				895
26	9		842				839
27	50N		965				962
28	1		926			+4	922
29	2	1:10	881		40	-4	49877
30							

JOB No. 1091 LINE No. 1 PAGE 3
AREA DATE 4/30/76
INSTRUMENT

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1	3		859			+ 4	49855
2	4		842				838
3	Fence 30'N 5		840				836
4	6		856				852
5	7		888				884
6	8		887				884
7	9		890				886
8	60N	1:15	872	45	45		868
9	1		889				885
10	2		909				905
11	3		909				905
12	4		927				923
13	5		934				930
14	6		940				936
15	7		958			- 5	953
16	8	1:20	944		50	- 5	939
17	9		946				941
18	70N		960				955
19	1		960				955
20	2		961				956
21	3		961				956
22	4		962				957
23	5		977				972
24	6		973				968
25	7	1:25	986		55		981
26	8		982				977
27	9		982				977
28	80N	1:27	991		57	+ 6	49985
29	ON	1:35	49953		65	+ 7	49946
30							

JOB No. 1091 LINE No. 1 PAGE 1
AREA MENDOZA WASH DATE 1/30/76
INSTRUMENT HAG

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1				-10			
2							
3	1 ION	1:45	49956	49946	0	0	49946
4	1		49947	937			937
5	2		931	921			921
6	3		917	907			907
7	4		916	906			906
8	5		897	887			887
9	6		894	884			884
10	7		897	887			887
11	8		888	878			878
12	9		890	880			880
13	10 S		871	861			861
14	11	1:50	885	875	5		875
15	12	1:50	866	856			856
16	13		874	864			864
17	14		871	861			861
18	15		861	851			851
19	16	1:55	872	862	10		862
20	17		900	890			890
21	18		885	875		-1	874
22	19		886	876			875
23	20 S		894	884			883
24	21		897	887			886
25	22		930	920			919
26	23 + 30'	FENCE	916	+ 906			905
27	24		930	920		-1	919
28	25		933	923			922
29	26	2:00	942	932	15		931
30	27		934	49924			49923

JOB No. 1091 LINE No. 1 PAGE 5
AREA DATE 4/30/76
INSTRUMENT

#	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1	28		948	49938		-1	49937
2	29		943	933			932
3	30S		940	930			929
4	31	2:05	943	933	20		932
5	32		953	943			942
6	33		934	924			923
7	34		945	935			934
8	35		938	928			927
9	36		972	962			961
10	37		935	925			924
11	38 -15' FENCE		934	924		-2	922
12	39		936	926			924
13	40S	2:10	939	929	25	-1	927
14	41		941	931			929
15	42		932	922			920
16	43		935	925			923
17	44		940	930			928
18	45		944	934			932
19	46		930	920		-2	918
20	47		926	916		-	914
21	48		932	922			920
22	49	2:15	936	926	30		924
23	50S		931	921			919
24	51		932	922			920
25	52 +30' FENCE		931	921			919
26	53		937	927			925
27	54		929	919			919
28	55		941	931			929
29	56		922	499 12		-2	49910
30				-10			

JOB NO. _____ LINE NO. 1 PAGE 6
AREA _____ DATE 4/30/76
INSTRUMENT _____ OBSERVER: V. Sargent

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1	57	2:20	49928	49918	35	-2	49916
2	58		921	911			909
3	59		911	901			899
4	60S		920	910		-3	907
5	61		928	918			915
6	62		910	900			897
7	63		910	900			897
8	64		900	890			887
9	65		928	918			915
10	66	2:25	930	920	40	-3	917
11	67		893	883		-3	880
12	68		939	929			926
13	69		921	911			908
14	70S		917	907		-3	906
15	71		914	904			901
16	72		927	917			914
17	73		888	878			875
18	74		906	896			893
19	75		896	886		-	883
20	76		876	866		-4	862
21	77		929	919			915
22	78		889	879			875
23	79		896	886			882
24	80S	2:34	901	49891	49	-4	49887
25	ON L1	2:48	49960	49950	63	-4	49946
26				+10			
27							
28							
29							
30							

Job No. 1091 Line No. 2 Page 1
Area MENDOZA WASH Date 5/7/76
Instrument MAG

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1	L2 ON	—	49982				
2				-10			
3	L2 ON	11:42	49992	49982	0	0	49982
4	2½		50069	50059			50059
5	5		107	097			097
6	7½	45	138	128	3		128
7	10 N		164	154			154
8	12½		122	112			112
9	15		127	117			117
10	17½	50	173	163	8		163
11	20N		206	196			196
12	22½		134	124			124
13	25		108	098			098
14	27½		126	116			116
15	30 N	:55	50033	50023	13	0	50023
16	32½		49905	49895			49895
17	35		895	885			885
18	37½		893	873			873
19	40N	12:00	748	738	18		738
20	42½		802	792			792
21	45		885	875			875
22	47½		940	930			930
23	50N	:05	855	845	23		845
24	52½		886	876			876
25	55	+30' FENCE	914	904			904
26	57½	:10	923	913	28		913
27	60N	12	49935	49925	30	0	49925
28							
29							
30							

JOB NO. _____ LINE NO. 2 PAGE 2
AREA MENDOZA WASH DATE 5/7/76
INSTRUMENT _____

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1				-10			
2	62½	12:13	49973	49963	31	+1	49964
3	65	:15	922	912	33		913
4	67½		936	926			927
5	70N		950	940			941
6	72½		960	950			951
7	75	:20	974	964	38		965
8	77½		987	49977		+1	49978
9	80N	12:23	50024	50014	41		50015
10	L2ON	12:38	49991	49981	56	+1	49882
11							
12				-10			
13	L2ON	12:47	49992		0	0	49982
14	2½		926	49916			916
15	5		892	882			892
16	7½	:50	887	877	3		877
17	10S		872	862			862
18	12½		874	864			864
19	15	:55	873	863	8		863
20	17½		904	894			894
21	20S		877	867			867
22	22½		871	861			861
23	25	+60' FENCE	873	863			863
24	27½	1:00	916	906	13	0	906
25	30S		895	885			885
26	32½		894	884			884
27	35	0:5	893	883	18		883
28	37½		894	884		0	884
29	40S	1:10	49914	49981	23	-1	49980
30							

JOB No. _____ LINE No. 2 PAGE 3
AREA HENDOZA WASH DATE 5/7/76
INSTRUMENT MAG

	STA.	TIME	READING	BASE CORR.	Δt	DRIFT CORR.	VALUE
1							
2				-10			
3	42 1/2	1:12	49912	49902	24	-1	49901
4	45		918	908			907
5	47 1/2		931	921			920
6	50S	1:15	920	910	27		909
7	52 1/2	+30' FENCE	929	919			918
8	55	:20	921	911	32	-1	910
9	57 1/2		902	892			891
10	60S	25	908	898	37		897
11	62 1/2		918	908			907
12	65		919	909			908
13	67 1/2		919	909			908
14	70S	1:30	913	903	42	-1	902
15	72 1/2		902	892			891
16	75		49911	901		-1	900
17	77 1/2	1:35	918	908	47	-2	906
18	80S	1:37	49950	49940	49		49939
19	L2 ON	1:53	49994	49984	65	-2	49982
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

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

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

SENDER STA._____ = ELECTRODE NO._____, DATE MAY 1, 1976

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. SENDER NOTES

JOB No. _____ AREA _____

LINE _____, HALF _____, SP. _____, DATE _____

PAGE _____

HEINRICHS GEOEX

SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES	
SENDER No.	POWER UNIT ID
OPERATOR	
RECEIVER No.	HOURS RUN
OPERATOR	

COMMENTS:

I. P. SENDER NOTES

JOB NO. _____ AREA _____

LINE _____, HALF _____, SP. _____, DATE _____

PAGE _____

HEINRICHS GEOEX

SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES	
SENDER NO.	POWER UNIT ID
OPERATOR	
RECEIVER NO.	HOURS RUN
OPERATOR	

COMMENTS:

I. P. SENDER NOTES

JOB NO. _____ AREA _____

LINE _____, HALF _____, SP. _____, DATE _____

PAGE _____

HEINRICHS GEOEX

SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES	
SENDER NO.	POWER UNIT ID
OPERATOR	
RECEIVER NO.	HOURS RUN
OPERATOR	

COMMENTS:

I. P. SENDER NOTES

JOB NO._____ AREA_____

LINE_____, HALF_____, SP._____, DATE_____

PAGE_____

SEND	6-7	5-6	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4
RECEIVE										
RANGE										
VOLTAGE	380	380	390	390	460	670	380	380	380	380
CURRENT										
SEND	2-3	6-7	5-6	4-5	3-4	6-7	5-6	4-5		
RECEIVE										
RANGE										
VOLTAGE	450	380	400	400	380	380	440	440		
CURRENT										

FREQUENCIES	
SENDER NO.	POWER UNIT ID
OPERATOR	
RECEIVER NO.	HOURS RUN
OPERATOR	

COMMENTS:

I. P. SENDER NOTES

JOB NO._____ AREA_____

LINE_____, HALF_____, SP._____, DATE_____

PAGE_____

HEINRICHS GEOEX

SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES		COMMENTS:
SENDER NO.	POWER UNIT ID	
OPERATOR		
RECEIVER NO.	HOURS RUN	
OPERATOR		

I. P. Receiver Notes, Job No. _____, Area Airbase Ranch

Line _____, Half W, Sp. _____, a = _____, Bearing 90°-S

Sender Sta. ON = Electrode No. _____, Date 4-26-76

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

SENDER STA._____ = ELECTRODE NO._____, DATE_____

PAGE 2

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. 1091, AREA Highway Ranch

LINE 4, HALF N, SP. 1, a = 1000', BEARING 90° N

SENDER STA. 0 = ELECTRODE NO. 4, DATE 4-26-76

PAGE 3

HEINRICHS GEOEX

SEND	6-7	5-6	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4
RECEIVE	40-60S	→	→	→	→	→	50-60S	→	→	→
MULTIPLIER	1.0	0.1	0.1	0.1	.01	.01	0.1	0.1	0.1	.01
PFE	0.2	1.0	3.2	4.1	6.0	7.2	3.0	6.0	3.1	4.1
CUR. (AMPS)										
POINT NO.										
SEP. (n)	1	2	3	4	5	5	2	3	4	5
H. F. MV	24.4	8.2	3.3	1.0	.51	.51	7.1	9.1	1.01	
DRIFT	0.1	-0.1	-0.1	-0.2	0.2	0.4	0.2	0.0	0.0	-0.2
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.	11.2						6.1			
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. 1091, AREA [illegible]

LINE [illegible], HALF S, SP. 1, a = 1000', BEARING 90° S

SENDER STA. 0 = ELECTRODE NO. 4, DATE 4-26-76

PAGE 4

HEINRICHS GEOEX

SEND	2-3	6-7	5-6	4-5	3-4	6-7	5-6	[illegible]	SP	[illegible]
RECEIVE	→	60-70S	→	→	→	70-80S	→	→	[illegible]	[illegible]
MULTIPLIER	.01	0.1	0.1	0.1	0.1	0.1	0.1			
PFE	12	5.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
CUR. (AMPS)								7.9		
POINT NO.									-11.6	12.6
SEP. (n)	6	3	4	3.1	6	4	5	6		
H. F. MV	[illegible]	3.42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
DRIFT	0.6	0.4	0.2	0.4	0.8	0.2	-0.3	0.8		
1.0 PFE $K_n/1000$								-0.1		
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$										
DRIFT MCF										
S. P.		13.5				1.2			-11.6	12.6
NOISE	90-150		0.2							
POT RES.	-1.12	-2.78	-3.26							
CULT & CMTS										

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

LINE _____, HALF _____, SP. _____, a = _____, BEARING 90 S

SENDER STA. _____ = ELECTRODE No. _____, DATE 4-26-76

PAGE 5

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_____, 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_____, 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. 1091, AREA Haynock Ranch

LINE 1, HALF [illegible], SP. 1, a = 1000', BEARING 90° NS

SENDER STA. 0 = ELECTRODE NO. 4, DATE 4-26-78

PAGE 8

HEINRICHS GEOEX

SEND	2-3	3-4								
RECEIVE	→	→								
MULTIPLIER	.01	.01								
PFE	4.8	6.0								
CUR. (AMPS)	5	6								
POINT NO.										
SEP. (n)	5	6								
H. F. MV	41	44								
DRIFT	0.4	0.3								
1.0 PFE $K_n/1000$	201	222								
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c	4.6	5.4								
3.0 MV $\rho/2\pi$		54								
DRIFT MCF	133	152								
S. P.										
NOISE		40.5-66								
POT RES.										
CULT & CMTS										

Mendoza Ranch

I. P. RECEIVER NOTES, JOB No. 1091, AREA Haystack Ranch
LINE 1, HALF NW, SR. 1, a = 1000', BEARING 90° NS
SENDER STA. 0 = ELECTRODE No. 4, DATE 4-26-76

PAGE 1
HEINRICHS GEOEX

SEND		1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5	1-2
RECEIVE		50-60S	←	←	←	→	60-70S	←	←	→	70-80S
MULTIPLIER		0.1	0.1	0.1	0.1	.01	0.1	0.1	.01	.01	0.1
PFE		2.6	3.1	4.5	5.6	7.0	4.3	4.3	6.9	7.2	5.6
CUR. (AMPS)		5	5	6	8	8	5	5	6	8	5
POINT NO.											
SEP. (n)		2	3	4	5	6	3	4	5	6	4
H. F. MV		5.08	2.33	1.64	1.52	.816	2.46	1.39	1.054	1.082	1.31
DRIFT		0.2	-0.3	0.3	-0.1	0.0	0.1	0.4	0.3	-0.1	0.4
1.0 PFE	K_n/1000	23	57.5	28.7	20.1	32.2	57.5	115	80.4	32.2	115
0.3 PFE	P_{CAL}										
0.1 PFE	PFE_C		3.3	4.4				4.1	6.8		5.4
3.0 MV	P/2π	21	25	7	35	20	23	29	13	40	28
DRIFT	MCF	121	134	611	160	232	190	149	525	180	195
S. P.		6.7					-2.2				2.6
NOISE											
POT RES.					0.6-0.2	0.4-0.4		0.4-0.5	0.2-0.2		
CULT & CMTS											

I. P. RECEIVER NOTES, JOB No. 1091, AREA Haystack Ranch
LINE 1, HALF NS, SR. 1, a = 1000', BEARING 90° NS
SENDER STA. 0 = ELECTRODE No. 4, DATE 4-26-76

PAGE 2
HEINRICHS GEOEX

SEND		2-3	3-4								
RECEIVE		←	→								
MULTIPLIER		.01	.01								
PFE		4.8	6.0								
CUR. (AMPS)		5	6								
POINT NO.											
SEP. (n)		5	6								
H. F. MV		.941	.719								
DRIFT		0.4	0.3								
1.0 PFE	K_n/1000	20.1	32.2								
0.3 PFE	P_{CAL}										
0.1 PFE	PFE_C	4.6	5.9								
3.0 MV	P/2π	35	39								
DRIFT	MCF	133	152								
S. P.											
NOISE			-0.5-0.6								
POT RES.											
CULT & CMTS											

LINE - 1

I. P. RECEIVER NOTES, JOB NO. [illegible], AREA [illegible]
LINE 1, HALF S, SP. 1, a = 1000', BEARING 90° S
SENDER STA 0 = ELECTRODE NO. 4, DATE 4-29-76

PAGE 5

HEINRICHS GEOEX

SEND	4-5	3-4	3-[illegible]	[illegible]	[illegible]	[illegible]	2-3	[illegible]	[illegible]	[illegible]
RECEIVE	5-12.5	[illegible]	2[illegible]	—	—	—	2[illegible]	3[illegible]	—	—
MULTIPLIER	10	10	1.0	0.1	0.1	0.1	10	1.0	.1	.1
PFE	1.2	1.6	1.5	2.3	2.9	3.9	3.2	1.2	2.5	2.9
CUR. (AMPS)	8	5	6	6	6	6	6	5	6	8
POINT NO.										
SEP. (n)	.5	.5	1	2	3	4	.5	1	2	3
H.F. MV	196	12.5	34.6	8.07	2.22	1.18	157	28.9	6.78	4.23
DRIFT	0.1	-0.3	0.1	0.2	-0.2	-0.1	0.2	0.1	0.2	-0.2
1.0 PFE K_n/1000	2.9	201	5.7	23	57.5	115	2.9	5.7	23	57.5
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c		1.5								
3.0 MV $\rho/2\pi$	65	4610	30	28	24	21	68	30	24	28
DRIFT MCF	18	.33	50	81	121	188	47	40	105	104
S. P.	12.0	-5.1	0.07				23.0	17.4		
NOISE				0-0.4						
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB NO. 1091, AREA Mendoza Wash
LINE 1, HALF S, SP. 1, a = 1000', BEARING 90° S
SENDER STA. 0 = ELECTRODE NO. 11, DATE 4-28-76

PAGE 6

HEINRICHS GEOEX

SEND	5-6	6-7	1-2	1-2	2-3	3-4	4-5	5-6	6-7	8-2
RECEIVE	→	→	35-45.5	40-50.5	→	→	→	→	→	Cal
MULTIPLIER	0.1	0.1	10	1.0	0.1	0.1	0.1	0.1	.01	10
PFE	3.2	5.0	0.6	2.1	2.3	2.9	4.3	5.4	7.9	1.0
CUR. (AMPS)	8	6	5	5	5	6	8	8	6	2
POINT NO.										
SEP. (n)	4	5	.5	1	2	3	4	5	6	
H.F. MV	1.82	70.7	129.	28.9	5.50	2.78	2.26	1.14	.497	218
DRIFT	-0.2	-0.5	-0.2	0.2	0.3	-0.2	-0.1	-0.1	0.0	0.4
1.0 PFE K_n/1000	115	201	2.9	5.7	127	57.5	115	201	322	
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c		4.8			2.2					
3.0 MV $\rho/2\pi$	24	217	69	30	27	24	30	26	25	
DRIFT MCF	133	22	8.7	70	81	119	144	206	323	
S. P.			9.5	3.1						
NOISE		3.7-8.0								
POT RES.		-0.1-+0.2								
CULT & CMTS										

Freq. Spec.

I. P. RECEIVER NOTES, JOB No. 1091, AREA HAYHOOK RANCH
LINE 1, HALF N, SP. 1, a = 1000', BEARING 90° N
SENDER STA. 0 = ELECTRODE No. 4, DATE 4-26-76

PAGE 2
HEINRICHS GEOEX

SEND	2-3	3-4								
RECEIVE	→	→								
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)	5	6								
H. F. Mv										
DRIFT										
1.0 PFE / K_n/1000										
0.3 PFE / P_{CAL}										
0.1 PFE / PFE_c										
3.0 MV / P/2π										
DRIFT / MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB No. 1091, AREA HAYHOOK RANCH
LINE 1, HALF N, SP. 1, a = 1000', BEARING 90° N
SENDER STA. 2 = ELECTRODE No. 4, DATE 4-26-76

PAGE 1
HEINRICHS GEOEX

SEND	1-2	2-3	3-4	4-5	5-6	1-2	2-3	→	4-5	5-6
RECEIVE	50-60m	→	→	→	→	60-70m	→	→	→	70-80m
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)	2	3	4	5	6	3	4	5	6	1
H. F. Mv										
DRIFT										
1.0 PFE / K_n/1000										
0.3 PFE / P_{CAL}										
0.1 PFE / PFE_c										
3.0 MV / P/2π										
DRIFT / MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

I. P. RECEIVER NOTES, JOB No. ____, AREA ____
LINE ____, HALF ____, SP. ____, a = ____, BEARING ____
SENDER STA. ____ = ELECTRODE No. ____, DATE ____

PAGE 6
HEINRICHS GEOEX

SEND	5-6	6-7	1-2	1-2	2-3	3-4	4-5	5-6	6-1	1-2
RECEIVE	→	→	35-45m	40-50m	→	→	→	→	→	CAL
MULTIPLIER										
PFE										
CUR. (AMPS)										
POINT NO.										
SEP. (n)	4	5	1	2	3	4	5	6	1	
H. F. Mv										
DRIFT										
1.0 PFE / K_n/1000										
0.3 PFE / P_{CAL}										
0.1 PFE / PFE_c										
3.0 MV / P/2π										
DRIFT / MCF										
S. P.										
NOISE										
POT RES.										
CULT & CMTS										

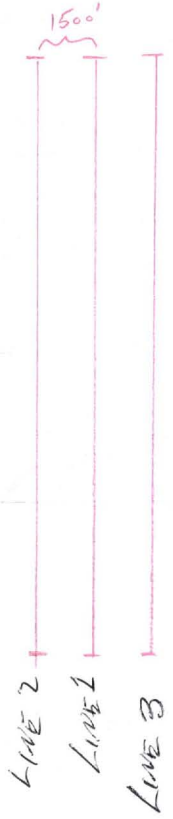
	6,15
	38,75
	1,79
	70
	10,08
	487,75
	323,03
	151,37
	16,20
	130,00
	120,00
	124,00
	262,50
	39,04
	18,00
	23,25
	1,752,61 T

1091 (No Per diem)

	1,752,61
	123,75
	262,50
	1,366,36 T

WEH out hours

no gas charges



Job #1091 St Joe (Mendoza WASH)
MAY 1976 (Hayhook Ranch) (Sub-division)
COCORAQUE BUTTE
Quad.

I. P. SENDER NOTES — Mendoza wash

JOB No. 1091 AREA ~~MAYhook RANCH~~

LINE 1, HALF N, SP. 1, DATE 4-26-76 (4-27-76)

PAGE 1

HEINRICHS GEOEX

SEND	2-3	2-3	1-2	3-4*	3-4	2-3	1-2	4-5	4-5	6-7
RECEIVE	5N-5N	0-10-N	→	5-15N	10-20N	→	→	15-25N	20-30N	NC AL
RANGE	10X400	10X400	10X400	10X300	10X200	10X400	10X400	20X300	20X300	10X200
VOLTAGE	420	425	210	520	620	400	220	120	120	140
CURRENT	4	4	4	3	2	4	4	6	6	2
SEND	3-4	2-3	1-2	5-6	5-6	4-5	3-4	2-3	1-2	6-7
RECEIVE	→	→	→	25-35N	30-40N	→	→	→	→	35-45N
RANGE	10X500	20X300	10X500	20X400	20X400	20X300	10X500	20X300	10X500	20X300
VOLTAGE	125	100	40	120	140	120	125	110	70	380
CURRENT	5	6	5	8	8	6	5	6	5	6

FREQUENCIES 1.0 — 0.1

SENDER No. 267215 | POWER UNIT ID

OPERATOR LANG |

RECEIVER No. | HOURS RUN

OPERATOR |

COMMENTS: * DROP IN AMPS TO 2 I. (PITS DRYING OUT)

I. P. SENDER NOTES

JOB No. 1091 AREA MENDOZA WASH

LINE 1, HALF N, SP. 1, DATE 4/28/76

HEINRICHS GEOEX

SEND	6-7	5-6	4-5	3-4	2-3	1-2	6-7	5-6[a]	4-5[b]	3-4
RECEIVE	40-50N						50-60N			
RANGE	20X300	20X400	20X400	20X300	20X300	10X500	20X300	20X400	20X300	20X300
VOLTAGE	380	380	390	390	460	670	380	380	360	390
CURRENT	6	8	8	6	6	5	6	8	6	6
SEND	2-3	6-7	5-6	4-5	3-4	6-7	5-6	4-5c		
RECEIVE		60-70N				70-80N				
RANGE	20X300	20X300	20X350	20X350	20X300	20X300	20X400	20X400		
VOLTAGE	450	380	400	400	390	380	440	450		
CURRENT	6	6	7	7	6	6	8	8		

FREQUENCIES 0.1 – 1.0

SENDER No. 26721 5 | POWER UNIT ID

OPERATOR LANE |

RECEIVER No. | HOURS RUN

OPERATOR |

COMMENTS: CAL 4-5 2I 110 V 10X200

*CHANGE ON VOLTAGE. a) DROP IN I to 6 AT 350V. LATER able to get 7I. c) couldn't hold 8 DOWN to 7I AT 400

b NOTICE CHANGE (DROP) IN 4-5

I Fluctuates

I. P. SENDER NOTES (GENERATOR STARTS (Surging) cutting out above 80% USAGE

JOB No. 1091 AREA HAYHOOK RANCH

LINE 1, HALF S, SP. 1, DATE 4-27-76
4-28-76

HEINRICHS GEOEX

SEND	4-5	3-4	3-4	4-5	5-6*	6-7	2-3	2-3	3-4	45
RECEIVE	5-15S	15-25S	20-30S	→	→	→	25-35S	30-40S	→	→
RANGE	20X400	10X500	20X300	20X300	20X300	20X300	20X300	10X500	20X300	20X400
VOLTAGE	100	290	190	300	315	220	125	220	180	70
CURRENT	8	5	6	6	6	6	6	5	6	8
SEND	56	6-7	1-2	1-2	2-3	3-4	4-5	5-6	6-7	1-2
RECEIVE	5	→	35-45S	40-50S	→	→	→	→	→	CAL
RANGE	20X400	20X300	10X500	10X500	10X500	20X300	20X400	20X400	20X300	10X200
VOLTAGE	90	225	60	60	220	190	100	110	220	540
CURRENT	8	6	5	5	5	6	8	8	6	2

FREQUENCIES 1.0 - 0.1

SENDER No. 26721S | POWER UNIT ID

OPERATOR D. LANG | ONAN

RECEIVER No. 2570S | HOURS RUN

OPERATOR B. ROLLINS

COMMENTS: STARTING SOUTH HALF BEFORE FINISHING NORTH DUE TO NOISE. LOWER "N" LESS NOISE. NOTICE INCREASE IN I ON 4-5 FROM 6 TO 8 USAGE 75% AND ABOVE. ALSO INCREASE IN I ON 3-4. (FLUCTUATION IN I)

*INPUT 760 OUTPUT 300 60% USAGE

I. P. SENDER NOTES

JOB No. 1091 AREA MENDOZA WASH

LINE 1, HALF 5, SP. 1, DATE 4-28-76

PAGE 14

HEINRICHS GEOEX

SEND	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5	1-2
RECEIVE	50-60S	→	→	→	→	60-70S	→	→	→	70-80S
RANGE	10X500	10X500	20X300	20X400	20X400	10X500	10X500	20X300	20X400	10X500
VOLTAGE	90	220	190	100	120	100	220	190	100	90
CURRENT	5	5	6	8	8	5	5	6	8	5
SEND	2-3	3-4								
RECEIVE	→	→								
RANGE	10X500	20X300								
VOLTAGE	220	200								
CURRENT	5	6								

FREQUENCIES 1.0 - 0.1

SENDER No. 26721 S | POWER UNIT ID

OPERATOR LANG

RECEIVER No. | HOURS RUN

OPERATOR

COMMENTS: USAGE ON 1-2 IS 85%, INPUT 720 (ON 7 MODE) OUTPUT 660
USAGE ON 2-3 IS 70%
INPUT 800 OUTPUT 400
EXCEPT FOR 1-2 ALL CURRENT ON 10 MODE

I. P. RECEIVER NOTES, JOB No. 1091, AREA MENDOZA WASH

LINE 1, HALF N, SR 1, a = 1000', BEARING 70°S

SENDER STA. 0 = ELECTRODE No. 4, DATE 4-26-76

PAGE 2

HEINRICHS GEOEX

SEND	2-3	1-2	5-6	5-6	4-5	3-4	2-3	1-2	6-7	6-7
RECEIVE	→	→	25-35 N	30-40 N	→	→	→	→	35-45 N	CAL
MULTIPLIER	.1	.01	10	1	.1	.1	.01	.01	10	10
PFE	2.3	4.6	1.1	1.1	1.6	2.2	4.0	5.6	1.9	3.7
CUR. (AMPS)	6	5	8	8	6	5	6	5		0.1
POINT NO.										
SEP. (n)	3	4	.5	1	2	3	4	5	.5	221
H. F. MV	2.34	.934	240	44.9	6.26	1.64	906	.464	151	213
DRIFT	0.2	0.0	0.0	0.2	0.1	-0.6	-0.4	0.7	0.1	3.8/0.1
1.0 PFE K_n/1000	57.5	115	2.9	5.7	23	57.5	115	201		4-5
0.3 PFE ρ_{CAL}										CAL
0.1 PFE PFE_c						2.5		5.3		10
3.0 MV $\rho/2\pi$	21	20	80	29	22	17	16	17		213
DRIFT MCF	112	233	14	38	73	145	251	317		2.7
S. P.			4.5	-2.0					1.9	12.6 (6.3)
NOISE		4.3-4.8				2.0-2.4	3.6-5.5			
POT RES.		-0.1-+0.1				-0.-+0.4	-1.-+0.6	-0.3-+1.4		
CULT & CMTS										

I. P. RECEIVER NOTES, JOB No. 1091, AREA Mendoza Wash

LINE 1, HALF N, SR. 1, a = 1000', BEARING 90° N

SENDER STA. 0 = ELECTRODE No. 4, DATE 4-26-86

HEINRICHS GEOEX

PWR LOSS

SEND	6-7	5-6	4-5	3-4	2-3	1-2	6-7	5-6	4-5	3-4
RECEIVE	40-50 N	→	→	→	→	→	50-60 N	→	→	→
MULTIPLIER	1.0	0.1	0.1	0.1	.01	.01	0.1	0.1	0.1	.01
PFE	0.2	1.0	3.2	4.4	6.0	7.2	3.0	0.4	3.1	4.0
CUR. (AMPS)										
POINT NO.										
SEP. (n)	1	2	3	4	5	6	2	3	4	5
H. F. MV	29.4	8.30	3.53	1.20	.662	.381	7.99	3.11	1.67	.801
DRIFT	0.1	-0.1	-0.1	-0.3	0.5	0.4	0.2	0.0	0.0	-0.2
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.	11.0						6.1			
NOISE				3.5-5.0	2.5-7.4	-1-+11	2.1 4.0			
POT RES.				-0.7+0.9	-1.3-+1.6	-2-+28				
CULT & CMTS										

I. P. RECEIVER NOTES, JOB No. 1091, AREA Mendoza Wash

LINE 1, HALF SN, SP. 1, a = 1000', BEARING 90°-S

SENDER STA. 0 = ELECTRODE No. 4, DATE 4-26-76

PAGE 4

HEINRICHS GEOEX

SEND	2-3	6-7 (FENCE-700')	5-6	4-5	3-4	6-7	5-6	4-5	SP 1	SP 5
RECEIVE	→	60-70S	←	←	→	70-80S	→	→	0-10N	10-20N
MULTIPLIER	.01	0.1	0.1	0.1	.01	0.1	0.1	.01		
PFE	12	3.1	4.3	4.8	6.2	2.6	4.4	7.9		
CUR. (AMPS)										
POINT NO.									-11.6	18.6
SEP. (n)	6	3	4	5	6	4	5	6		
H. F. MV	.509	3.42	1.98	1.23	.645	1.83	1.34	.8		
DRIFT	0.6	0.4	0.2	0.4	0.2	0.2	-0.3	-0.1		
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.		3.5				1.3			-11.6	18.6
NOISE	9.0-15.0		0.-7.							
POT RES.	-1.+2.	-2-+8.	-8-+6							
CULT & CMTS										

I. P. RECEIVER NOTES, JOB No. 1091, AREA HAYHOOK RANCH

LINE 1, HALF S, SP. 1, a = 1000', BEARING 90° S

SENDER STA. 0 = ELECTRODE No. 4, DATE 4-27-76

HEINRICHS GEOEX

SEND		4-5	3-4 (SP)	3-4	4-5	5-6	6-1	2-3	2-3	3-4	4-5
RECEIVE		5-15 S	15-25 S	20-30 S	→	→	→	25-35 S	30-40 S	—	—
MULTIPLIER		10	10	1.0	0.1	0.1	0.1	10	1.0	.1	.1
PFE		1.2	1.6	1.5	2.3	2.9	3.9	3.2	1.2	2.5	2.9
CUR. (AMPS)		9	5	6	6	6	6	6	5	6	8
POINT NO.											
SEP. (n)		.5	.5	1	2	3	4	.5	1	2	3
H. F. MV		196	125	34.6	8.07	2.72	1.18	157	28.9	6.78	4.23
DRIFT		0.1	0.3	0.1	0.2	0.2	-0.1	0.3	0.1	0.2	-0.2
1.0 PFE	K_n/1000	2.9	2.01	5.7	23	57.5	115	2.9	5.7	23	57.5
0.3 PFE	P_{CAL}										
0.1 PFE	PFE_C		1.5								
3.0 MV	$\rho/2\pi$	65	4610	30	28	24	21	68	30	24	28
DRIFT	MCF	18	.33	50	81	121	188	47	40	105	104
S. P.		12.0	-5.1	0.07				23.0	17.4		
NOISE					0-0.4						
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB No. 1091, AREA MENDOZA Wash

LINE 1, HALF S, SR. 1, a = 1000', BEARING 90° S

SENDER STA. 0 = ELECTRODE No. 4, DATE 4-28-76

HEINRICHS GEOEX

SEND	5-6	6-7	1-2	1-2	2-3	3-4	4-5	5-6	6-7	1-2
RECEIVE	→	→	35-45S	40-60S	→	→	→	→	→	Cal
MULTIPLIER	0.1	0.1	10	1.0	0.1	0.1	0.1	0.1	0.01	10
PFE	3.2	5.0	0.6	2.1	2.3	2.9	4.3	5.4	7.9	1.0
CUR. (AMPS)	8	6	5	5	5	6	8	8	6	2
POINT NO.										
SEP. (n)	4	5	.5	1	2	3	4	5	6	
H. F. MV	1.82	.707	129.	2.89	5.50	2.78	2.26	1.14	.497	218
DRIFT	-0.2	-0.5	-0.2	0.2	0.3	-0.2	-0.1	-0.1	0.0	0.4
1.0 PFE K_n/1000	115	201	2.9	5.7	127	57.5	115	201	322	
0.3 PFE P_{CAL}										.92174
0.1 PFE PFE_C		4.8			2.2					
3.0 MV $P/2\pi$	24	217	69	30	27	24	30	26	25	
DRIFT MCF	133	22	8.7	70	81	119	144	206	323	
S. P.			9.5	3.1						
NOISE		3.7-8.0								
POT RES.		-0.8-+0.2								
CULT & CMTS										

? (23 correct)

Mendoza Ranch

I. P. Receiver Notes, Job No. 1091, Area ~~HA / Look Ranch~~

Line 1, Half ~~N~~S, Sp. 1, a = 1000', Bearing 90° ~~R~~S

Sender Sta. 0 = Electrode No. 4, Date 4-26-76

Page 7

HEINRICHS GEOEX

Send	1-2	2-3	3-4	4-5	5-6	1-2	2-3	3-4	4-5	1-2
Receive	50-60S	→	→	→	→	60-70S	→	→	→	70-80S
Multiplier	0.1	0.1	0.1	0.1	.01	0.1	0.1	.01	.01	0.1
PFE	2.6	3.1	4.5	5.6	7.0	4.3	4.3	6.9	7.2	5.6
Cur. (amps)	5	5	6	8	8	5	5	6	8	5
Point No.										
Sep. (n)	2	3	4	5	6	3	4	5	6	4
H. F. Mv	5.08	2.33	1.64	1.52	.816	2.16	1.39	1.054	1.082	1.31
Drift	0.2	-0.3	0.3	-0.1	0.0	0.1	0.4	0.3	-0.1	0.4
1.0 PFE $K_n/1000$	23	57.5	28.7	201	322	57.5	115	80.4	322	115
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c		3.3	4.4				4.1	6.8		5.4
3.0 MV $\rho/2\pi$	21	25	7	35	30	23	29	13	40	28
Drift MCF	121	134	611	160	232	190	149	525	180	195
S. P.	6.7					-2.3				2.6
Noise										
Pot Res.				-0.6 -0.2	-0.4 -0.4		~~-0.8 -1.2~~	-0.8 +1.2		
Cult & Cmts										

I. P. RECEIVER NOTES, JOB No. 1091, AREA Haystack Ranch

LINE 1, HALF NS, SR. 1, a = 1000', BEARING 90° NS

SENDER STA. 0 = ELECTRODE No. 4, DATE 4-26-76

HEINRICHS GEOEX

SEND		2-3	3-4								
RECEIVE		→	→								
MULTIPLIER		.01	.01								
PFE		4.8	6.0								
CUR. (AMPS)		5	6								
POINT NO.											
SEP. (n)		5	6								
H. F. MV		.941	.79								
DRIFT		0.4	0.3								
1.0 PFE	K_n/1000	201	322								
0.3 PFE	ρ_{CAL}										
0.1 PFE	PFE_c	4.6	5.9								
3.0 MV	$\rho/2\pi$	35	39								
DRIFT	MCF	133	152								
S. P.											
NOISE			-0.5-.6								
POT RES.											
CULT & CMTS											

I. P. RECEIVER NOTES, JOB No. 1091, AREA Haybook RANCH Mendoza

LINE 1, HALF SN, SP 1, a = 1000, BEARING 90°-S Wash

SENDER STA. ON = ELECTRODE No. 4, DATE 4-26-76

PAGE 1

HEINRICHS GEOEX

SEND	2-3	2-3	1-2	3-4	3-4	2-3	1-2	4-5	4-5	3-4
RECEIVE	5-15N	0-10N	→	5-15N	10-20N	→	→	15-25N	20-30N	→
MULTIPLIER	10	1	.1	1.0	1.	.1	.1	10	1.	.1
PFE	12.6	27.8	5.23	56.2	13.0	5.15	1.81	192	39.9	5.67
CUR. (AMPS)	4	4	4	3	2	4	4	6	6	5
POINT NO.										
SEP. (n)	-5	1	2	.5	1	2	3	.5	1	2
H. F. MV	1.9	1.5	1.9	1.6	1.9	2.0	2.1	1.2	1.7	1.8
DRIFT	0.2	0.0	0.1	0.3	0.7	0.2	0.0 *	0.1	0.9	0.1
1.0 PFE K_n/1000	2.9	5.7	23	2.9	5.7	23	57.5	2.9	5.7	23
0.3 PFE P_{CAL}										
0.1 PFE PFE_C				1.5	1.5				.8	
3.0 MV P/2π	84	36	28	50	18	27	24	85	35	24
DRIFT MCF	23	41	69	30	84	74	88	14	49	95
S. P.	-4.0	-13.8		10.2	14.2			-2.2	4.3	
NOISE						1.8-2.2	2.0-2.4			
POT RES.							-0.4-0.6			
CULT & CMTS										

I. P. SENDER NOTES

JOB No. 1091 AREA Mendota West

LINE 1, HALF A, SR. 3, DATE May 2, 1976

PAGE 1

HEINRICHS GEOTECH

SEND	4-5	4-6	4-6	4-5	4-2	4-5					
RECEIVE	20-30	30-40	40-50	50-60	60-70	70-80					
RANGE	25x400					01					
VOLTAGE	440					01					
SEND											
RECEIVE											
RANGE											
VOLTAGE											

FREQUENCIES 19.1	
SENDER No. 26721S	POWER UNIT ID
OPERATOR V.S	
RECEIVER No. 25705R	HOURS RUN
OPERATOR RP	

COMMENTS:

I. P. RECEIVER NOTES, JOB No. 1091, AREA Mendota West

LINE 1, HALF B1, SR. 2, a = 100', BEARING SW

SENDER STA. 4 = ELECTRODE No. 0, DATE May 4, 1976

PAGE 1

HEINRICHS GEOTECH

SEND	4-5	4-6	4-6	4-5	4-6	4-5	4-5				
RECEIVE	20-30	30-40	40-50	50-60	60-70	70-80	2.71				
MULTIPLIER	1.0	0.1	0.1	0.1	0.1	0.1	10				
CUR. (AMPS)	3	9	8	.8	6	7	4				
POINT No.											
SER. (n)	1533	2123	1906	1715	1201	1522					
DRIFT	0.0	0.1	0.2	0.2	-0.2	0.2	0.1				
1.0 PFE %/1000											
0.3 PFE FCAL											
0.1 PFE PFEc											
2.0 AV	32.3	70			5.0	4					
DRIFT MCF	20.4	76.0	116.	171	152	1478					
S.P.	18.9	23.5	3.1	12.5	1.9	19.9					
NOISE											
POT RES.											
CULT & CMTS											

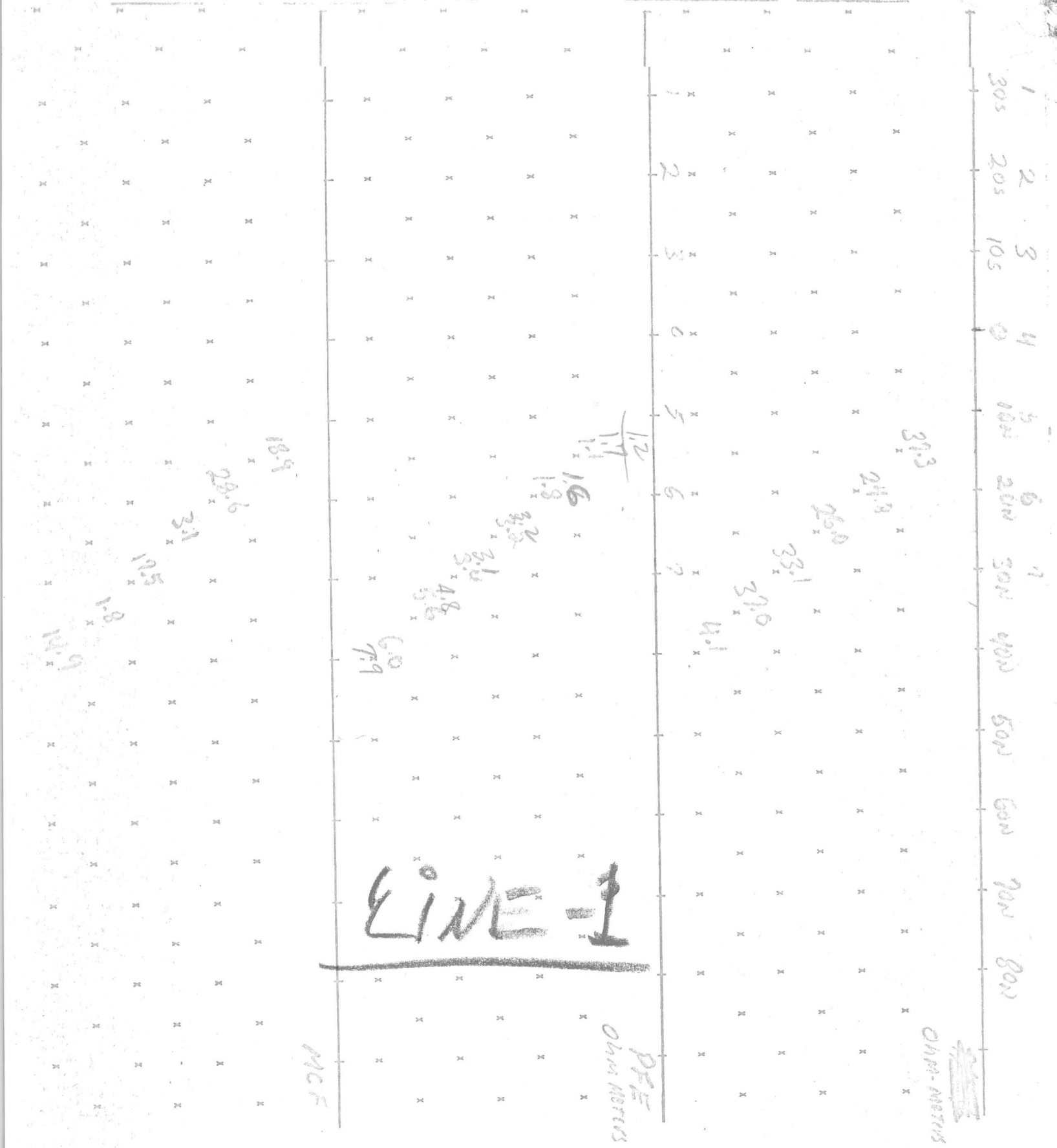
GEOEXPLORATION COMPANY
806 W. GRANT RD., P.O. BOX 5964 TUCSON, ARIZ. 85703. PH: (602) 623-0578

JOB # 1091 CLIENT St. Joe Am. Co.

DATE Mar 7 '76 AREA Mendoza Wells

LINE# 1 SP 2 a= 1000' BEARING 0° N/S

RESISTIVITY FREQUENCIES _____ FREQUENCIES 1.0 & 0.1 Hz



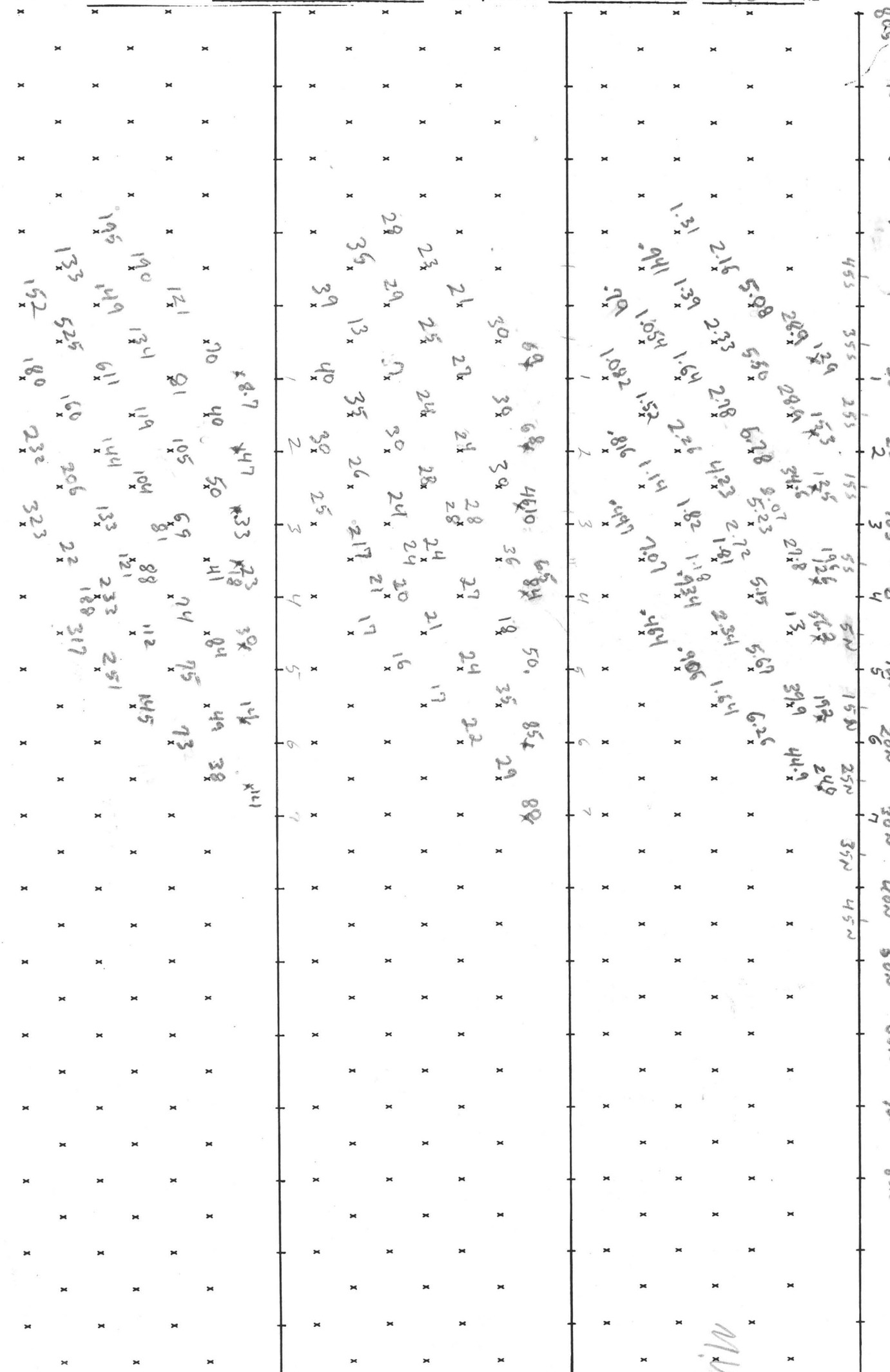
HEINRICHS GEOEXPLORATION COMPANY
806 W. GRANT RD., P.O. BOX 5964 TUCSON, ARIZ. 85703. PH: (602) 623-0578

JOB # 1091 CLIENT St. Joe Am. Corp.

DATE APRIL 28-76 AREA McNeal 2A Wash Pima Co. AZ

LINE# 1 SP 1 a= 1000' BEARING N-S

RESISTIVITY FREQUENCIES 1 FREQUENCIES 0.1 & 1.0 Hz



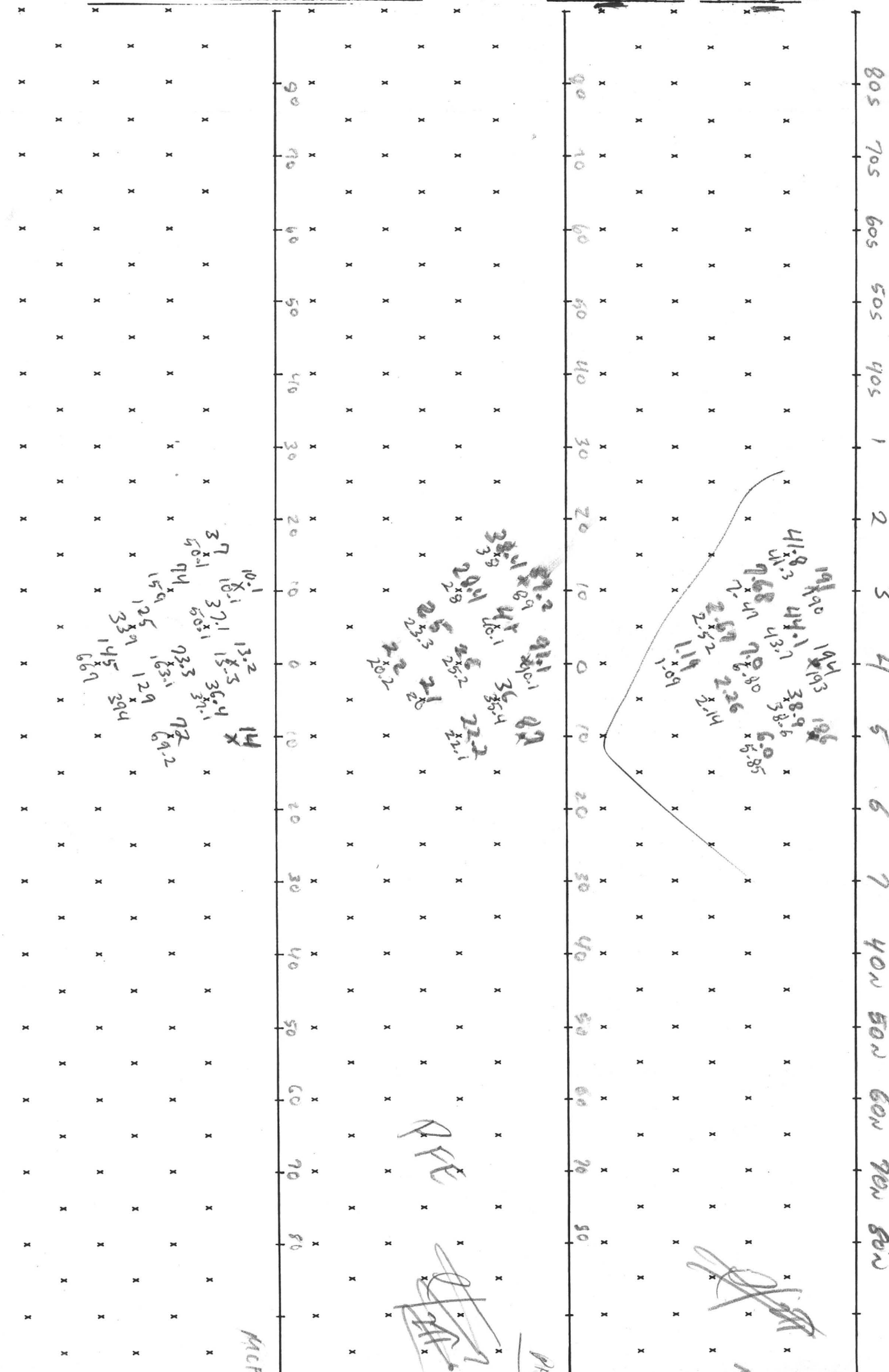
HEINRICHS GEOEXPLORATION COMPANY
806 W. GRANT RD., P.O. BOX 5964 TUCSON, ARIZ. 85703. PH: (602) 623-0578

JOB # 1091 CLIENT St. Joe.

DATE Nov 2, 76 AREA Mendoza Wash

LINE# 2 SP 1 a= 1000' BEARING N-S 90°

RESISTIVITY FREQUENCIES [illegible] FREQUENCIES 1 & 3 & 0.1 0.3 Hz

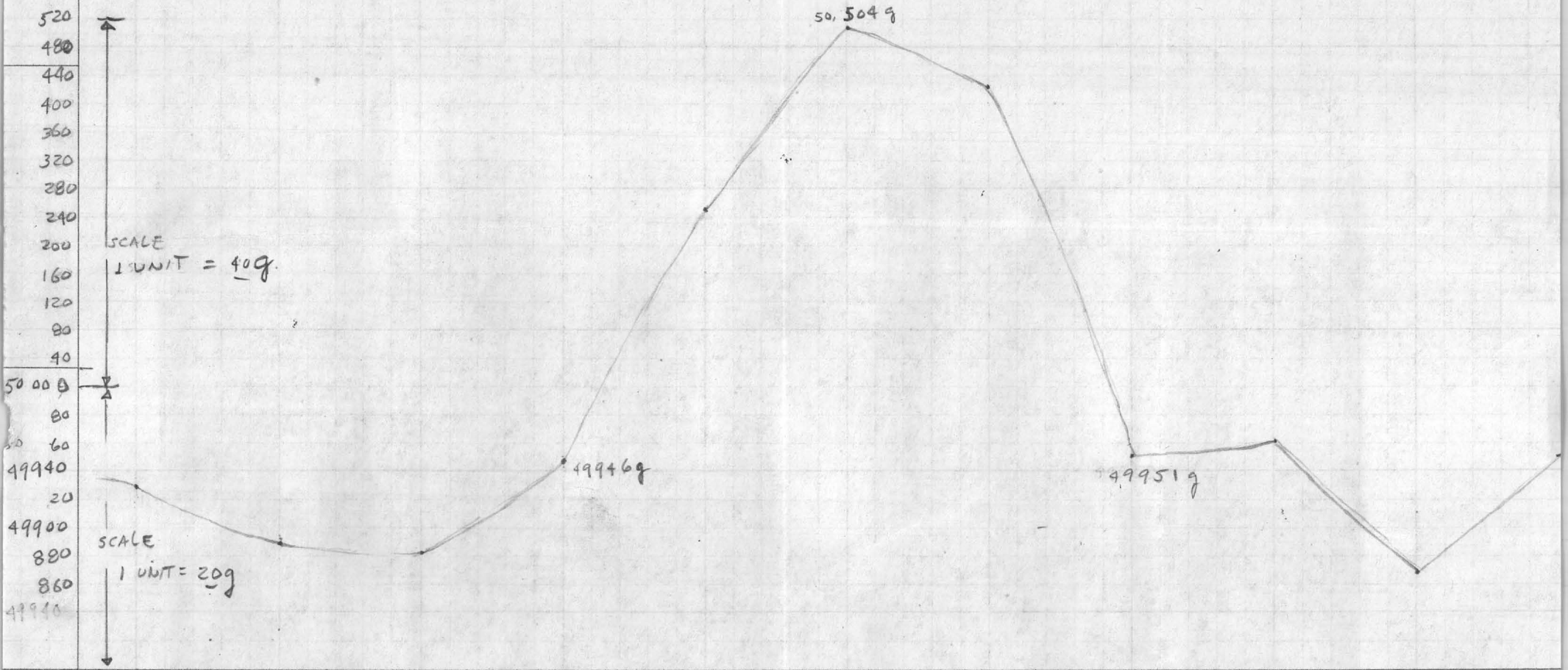


MENDOZA WASH
LINE 1

HEINRICHS GEOEXPLORATION CO.
Box 5964 Tucson, Arizona 85703
Phone: (602) 623-0578
Cable: GEOEX

4/30/76

J06 # 1091 - V.S.



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

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. 1091, AREA Mrwdoza Wash

LINE V, HALF S, SP. 1, a = 100, BEARING 90°N

SENDER STA. 0 = ELECTRODE NO. 1, DATE MAY 3/76

PAGE 2

HEINRICHS GEOEX

SEND	5-6	6-7	2-3	2-3	3-4	4-5	5-6	6-7	1-2	1-2
RECEIVE	→	→	25-35	30-40	→	→	→	→	35-45	40-50
MULTIPLIER	0.1/0.1	0.1/0.1	0.1/10	1.0/1.0	0.1/0.1	0.1/0.1	0.1/0.1	0.1/0.1	0.1/10	0.1/10
PFE	3.1/4.9	3.2/13.5	1.8/0.8	1.1/1.8	2.8/4.0	3.2/8.2	1.0/1.2	0.4/16.0	0.3/3.5	0.5/3.4
CUR. (AMPS)	6	6	6	6	6	6	6	6	6	6
POINT NO.										
SEP. (n)	3	4	.5	1	2	3	4	5	.5	1
H. F. MV	2.6/2.2	1.19/1.04	1.6/1.6	37.4/36.9	2.9/7.04	3.13/2.95	1.5/1.4	1.3/1.4	5.4/5.0	3.1/3.0
DRIFT	0.2/0.1	0.1/0.1	0.1/0.1	0.0/0.1	0.1/0.0	0.1/0.0	0.2/0.1	0.4/0.2	0.0/0.0	0.1/0.1
1.0 PFE $K_n/1000$	57.5	115	1.8	5.75	23.0	57.5	115	201	1.8	5.75
0.3 PFE ρ_{CAL}										
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	25	25	240/140	25.2/25.1	29.9/27	29.9/27	30.9/27	28.1/25	45.4/45	12.9/12
DRIFT MCF	135.	21.4/6.5	17.0/12.	31.2/52.	65.4/180.	104.2/274.	133.2/460.	187.1/686.	118.1/18.	202.1/281.
S. P.		1.2/4.3/8	11.3/1	9.9					25.7	2.2
NOISE	10.4/3.6	1.1/1.1					2	4/14		
POT RES.	23.3	13.13/14								
CULT & CMTS	339.	03-0.6-0.8								

I. P. RECEIVER NOTES, JOB NO. 1091, AREA MENDOZA WASH

LINE 2, HALF S, SP. 1, a = 1000', BEARING 90°

SENDER STA. ONS = ELECTRODE NO. 4, DATE

PAGE 3

HEINRICHS GEOEX

SEND	2 3	3-4	4 5	5 6	6 7	1-2	2 3	3 4	4 5	5 6
RECEIVE						5 6				
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. 1091, AREA MENDOZA W. Sh

LINE 2, HALF 5, SP. 1, a = 1000', BEARING 90°S

SENDER STA. 0-NS = ELECTRODE NO. 4, DATE

PAGE 4

HEINRICHS GEOEX

SEND	1-2	2-3	3-4	4-5	1-2	2-3	3-4	Cal	Cal	Cal
RECEIVE	60 70S	→	→	→	70 80S	→	→	3-4	2-3	1-2
MULTIPLIER	0.1 0.1	0.1 0.1	0.1 0.1	0.01 0.01	0.1 0.1	0.1 0.1	0.1 0.1	1.0 1.0	1.0 1.0	1.0 1.0
PFE								0.3	0.3	0.3
CUR. (AMPS)	6	6	6	6	6	6	6	3	2	1
POINT NO.										
SEP. (n)	3	4	5	6	4	5	6			
H. F. MV										
DRIFT								0.1 0.1	0.0	0.0 0.0
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. 1091, Area Mendoza Wash

Line 2, Half N, Sp. 1, a = 1000, Bearing 90° N

Sender Sta. ONS = Electrode No. 4, Date

HEINRICHS GEOEX

Send		SP	3-4	SP	4-5	4-5	3-4	2-3	1-2	5-6	5-6
Receive		0-10N	5-15N	10-20N	15-25N	20-30N				25-35N	30-40N
Multiplier			10		10	10	0.1	0.1	0.1	10	10
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. 1091, AREA Mendoza Wash

LINE 12, HALF N, SR 1, a = 1000', BEARING 90° N

SENDER STA. 0+00 = ELECTRODE NO. 4, DATE

PAGE 6

HEINRICHS GEOEX

SEND	4-5	3-4	2-3	1-2	6-7	6-7	5-6	4-5	3-4	2-3	
RECEIVE	→	→	→	→	33-45N	40-50N	→	→	→	→	
MULTIPLIER	0.1	0.1	0.1	0.1	10	1.0	0.1	0.1	0.1	0.1	
PFE	0.9	2.2	3.9	5.0	7.9	1.2	1.1	2.4	3.2	5.1	
CUR. (AMPS)											
POINT NO.											
SEP. (n)	2	3	4	5	6	1	2	3	4	5	
H. F. MV	4.00	3.14	1.73	.969	1.46	2.03	1.14	2.23	1.62	.995	
DRIFT	-.24	8.2	4.2	5.3	-0.1	1.2	4.0	-3.4	4.6	6.0	
1.0 PFE K_n/1000											
0.3 PFE ρ_{CAL}	8	7	7	6	7	7	8	8	7	7	
0.1 PFE PFE_C											
3.0 MV $\rho/2\pi$	212	210	215	151	141	164	204	214	171	214	
DRIFT MCF	23	98.3	131	155	35.0	11.2	2.1	11.1	44.1	25.7	
S. P.					16.7	0.1					
NOISE											
POT RES.					0.4kΩ						
CULT & CMTS					W.C.S.R.						

I. P. RECEIVER NOTES, JOB NO. 1091, AREA Mendoza Wash

PAGE 7

LINE 2, HALF N, SP. 1, a = 1000', BEARING 90°N

SENDER STA. ONS = ELECTRODE NO. 4, DATE

HEINRICHS GEOEX

SEND	1-2	6-7	5-6	4-5	3-4	2-3	6-7	5-6	4-5	3-4
RECEIVE	→	50-60N	→	→	→	→	50-70N	→	→	→
MULTIPLIER	0.01	0.1	0.1	0.1	.01	.01	0.1	[illegible]	[illegible]	[illegible]
PFE	11.5	9.8	2.2	2.7	3.7	9.5	[illegible]	[illegible]	[illegible]	[illegible]
CUR. (AMPS)										
POINT NO.										
SEP. (n)	[illegible]	2/2.2	3/3.3	4/4.7	5/8.1	6/6.4	7/5.5	7/4	12.01	[illegible]
H. F. MV	[illegible]	[illegible]	3.31	1.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DRIFT	0.6	-2.1	-0.2	-0.4	-0.2	0.1	8.4	14.4	5	6
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}	6	7	8	9	7	7	1	8	8	1
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DRIFT MCF	206	55.2	96.0	10.1	21.2	39.2	190	235	1.2	21
S. P.		9.2					12.3			
NOISE										
POT RES.		Fine Sand								
CULT & CMTS		15°N								

I. P. RECEIVER NOTES, JOB NO. 1091, AREA Mendoza Wash

PAGE 8

LINE 2, HALF N, SP. 1, a = 100 m, BEARING 90° N

SENDER STA. 0 NS = ELECTRODE NO. 4, DATE

HEINRICHS GEOEX

SEND	6-7	5-6	4-5	3-4	4-5	4-5	5-6	4-5	6-7	[illegible]
RECEIVE	20 BON	→	→	CAL	CAL	CAL	CAL	CAL	CAL	CAL
MULTIPLIER	0.1	0.01	.01		.10			.10		
PFE	8.6	2.2	-1.8		0.2	0.1		0.1		-0.1
CUR. (AMPS)										
POINT NO.										
SEP. (n)	4115	5551	6622							
H. F. MV	1.07	1.50	2.00		218	208		207		206
DRIFT	4.6	-6.5	-6.6		0.2	0.0		0.0		0.0
1.0 PFE $K_n/1000$										
0.3 PFE ρ_{CAL}	6	8	2							
0.1 PFE PFE_c										
3.0 MV $\rho/2\pi$	27.2	36.4	6.3							
DRIFT MCF	316	60.4	.3							
S. P.	2.6									
NOISE										
POT RES.	TOC	Noisy								
CULT & CMTS										

SPECTRAL Readings 5th end Line 2

I. P. RECEIVER NOTES, JOB No. 1091, AREA MENDOZA #1ASH

LINE 2, HALF S, SR. 1, a = 1000', BEARING 90°

SENDER STA. 0 = ELECTRODE No. 4, DATE MAY 4 '76

PAGE 9

HEINRICHS GEOEX

SEND	2-3	1-2	2-3	3-4	4-5	5-6	6-7	1-2	4-5	
RECEIVE	25-35	40-50S						CAL	CAL	
MULTIPLIER	10	1.0	0.1	0.1	0.1	0.1	.01	10	10	
PFE	0.9	1.1	1.2	1.5	1.8	2.0	2.2	1.9	0.1	0.01	
CUR. (AMPS)	0.1	1.0	1.6	1.8	2.6	3.2	5.5				
POINT NO.											
SEP. (n)	.5/1.8	1/3.5	2/3.5	3/3.5	4/3.5	5/3.5	6/3.5				
H. F. MV	1.9	3.0	2.1	3.9	1.5	1.5	0.8	2.0	2.0		
DRIFT	0.0	0.0	0.2	0.0	0.1	0.3	0.4	0.0	0.0		
1.0 PFE K_n/1000	CUR 6	5	6	6	6	6	6				
0.3 PFE ρ_{CAL}											
0.1 PFE PFE_C											
3.0 MV $\rho/2\pi$	140	220	262	312	361	320	342				
DRIFT MCF	140	218	262	312	361	320	342				
S. P.	17.2	3.5		22.2					1.0-17.2		
NOISE											
POT RES.	16.4	41.3	46.2	80.195	590	169	216				
CULT & CMTS	8.2	38	16	58.0	172	86.4	16				

I. P. SENDER NOTES

JOB No. _____ AREA _____

LINE _____, HALF _____, SP. _____, DATE _____

HEINRICHS GEOEX

PAGE 1

SEND	5-6	5-6	6-7	4-5	4-5	5-6	6-7	3-4	3-4	4-5
RECEIVE										
RANGE	300 X 20									01
VOLTAGE							430	450	450	400
CURRENT	6									01
SEND	5-6	6-7	2-3	3-4	4-5	5-6	6-7	1-2	1-2	2-3
RECEIVE										
RANGE	300 X 20									4
VOLTAGE	380	430	500	430	390	370	420	580	580	500
CURRENT	6									4

FREQUENCIES	
SENDER No.	POWER UNIT ID
OPERATOR	
RECEIVER No.	HOURS RUN
OPERATOR	

COMMENTS:

I. P. SENDER NOTES

JOB No. 1091 AREA Mendoza Wash

LINE 2, HALF ES, SP. 1, DATE 1/7

PAGE _____

HEINRICHS GEOEX

SEND	3-4	4-5	5-6	6-7	1-2	2-3	3-4	4-5	5-6	1-2
RECEIVE					50-60					60-70
RANGE	300 x 20									
VOLTAGE	440	390	370	420	580	500	430	390	370	580
CURRENT	6									
SEND	2-3	3-4	4-5	1-2	2-3	3-4	2-3	3-4	2-3	1-2
RECEIVE				70-80			25-35	25-60	50-60	50-60
RANGE	300 x 20						300 x 20	150	170	2[illegible]
VOLTAGE	500	430	390	580	500	430	500			
CURRENT	6						6			

FREQUENCIES	
SENDER No.	POWER UNIT ID
OPERATOR	
RECEIVER No.	HOURS RUN
OPERATOR	

COMMENTS: x 23-5 FROM P1

I. P. SENDER NOTES

JOB NO. 1091 AREA Mendoza Wash

LINE 2, HALF N, SP. 1, DATE 5/6/76

PAGE 3

HEINRICHS GEOEX

SEND	3-4	4-5	4-5	3-4	2-3	1-2	5-6	5-6	4-5	3-4
RECEIVE	5-15N	15-25N	20-30N	→	→	→	25-35N	30-40N	→	→
RANGE	20 x 300				1-1	20 x 300	20 x 300	20 x 400	20 x 400	20 x 350
VOLTAGE	440	390	390	440	510	580	380	500	510	510
CURRENT										
SEND	2-3	1-2	6-7	6-7	5-6	4-5	3-4	2-3	1-2	6-7
RECEIVE	→	→	35-45N	40-50N	→	→	→	→	→	50-60N
RANGE	20 x 350	20 x 300	20 x 350	20 x 350	20 x 400	20 x 400	20 x 350	20 x 350	20 x 300	20 x 350
VOLTAGE	550	600	500	500	500	510	510	550	590	500
CURRENT		6	7	7	8	8	7			

FREQUENCIES	1.0, 6.0, 0.3, 0.1, 1.0		COMMENTS:
SENDER NO.	267215	POWER UNIT ID	
OPERATOR	V.S		
RECEIVER NO.	5705 R	HOURS RUN	
OPERATOR	P.R		

I. P. SENDER NOTES

JOB NO. 1091 AREA Mendoza Wash

LINE 2, HALF N, SP. 1, DATE

PAGE 4

HEINRICHS GEOEX

SEND	5-6	4-5	3-4	2-3	6-7	5-6	4-5	3-4	6-7	5-6
RECEIVE	→	→	→	→	60 TON	→	→	→	70 SON	→
RANGE	20x400	20x400	20x350	20x350	20x350	20x400	20x400	20x350	20x300	20x400
VOLTAGE	500	510	510	550	500	500	510	510	400	500
CURRENT	8	8	7	7	7	8	8	7	6	8
SEND	4-5	3-4	4-5	5-6	6-7					
RECEIVE	→	CAL	CAL	CAL	CAL					
RANGE	20x400	20x350	20x400	20x350						
VOLTAGE	510	500	460		500	10				
CURRENT	8	8	8	8						

FREQUENCIES	1.0, 3.0, .3, .1, 1.0		COMMENTS:
SENDER NO.	267 21 S	POWER UNIT ID	
OPERATOR	V. S		
RECEIVER NO.	25705 R	HOURS RUN	
OPERATOR	R.R		

I. P. SENDER NOTES

JOB No. 1091 AREA MENDOZA WASH

LINE 2, HALF S, SP. 1, DATE MAY 4 '96

PAGE 5

HEINRICHS GEOEX

SEND	2-3	1-2	2-3	3-4	4-5	5-6	6-7	1-2	4-5	
RECEIVE	25-35	40-50					→	CAL	CAL	
RANGE	20x300	20x250	20x300	20-300				20x10	20x10	
VOLTAGE	500	480	510	430	390	360	450	210	140	
CURRENT										
SEND										
RECEIVE										
RANGE										
VOLTAGE										
CURRENT										

FREQUENCIES 1.0, 2.0, 3.0, 4.0

SENDER No. 26721S	POWER UNIT ID
OPERATOR VS	
RECEIVER No.	HOURS RUN
OPERATOR KR	

COMMENTS:

SPECTRAL Readings,

5th end-line 2

Special Readings 5th and Line 2

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I. P. Receiver Notes, Job No. 1091, Area Mendoza Wash

Line 2, Half 5, Sp. 1, a = 1002', Bearing 90°

Sender Sta. 0 = Electrode No. 4, Date May 4 '76

	19.1 / 22.3							5-4-76	5-4-76	
Send	2-3	1-2	2-3	3-4	4-5	5-6	6-7	8-2	9-5	
Receive	25-35S	40-50S						CAL	CAL	
Multiplier	10	1.0	0.1	0.1				10	10	
PFE	0.8 / 0.4	1.1 / 1.2	2.7 / 3.6	3.0				0.1 / 0.2	0.0 / 0.2	
Cur. (amps)	0.4	.8	1.6							
Point No.										
Sep. (n)	.5 / 1.8	1 / 5.75	2 / 23	3 / 52.5	4 / 115	5 / 201	6 / 322	208	208	
H. F. Mv	169	28.9	7.11	3.41				0.0 / 0.6	0.0 / 0.0	
Drift	0.0	0.0	0.2							
1.0 PFE / Kn/1000	Cur	5								
0.3 PFE / PCAL										
0.1 PFE / PFEc										
3.0 MV / P/2π									1.0 - 2 - 2	
Drift / MCF										
S. P.	17.2	3.5								
Noise										
Pot. Res.										
Cult & Cmts										

Line - 2

1.0 0.1 - 0.3

1.0 - 2 Spectral P.F.E.

1.0 — 3.0 — (−) Small

— 0.3 — (Small)

— 0.1 — Large

1.0

SPECTRAL Readings Sth end Line 2

I. P. RECEIVER NOTES, JOB No. 1091, AREA Mendoza Wash — PAGE 9

LINE 2, HALF S, SP. 1, a = 1000', BEARING 90°

SENDER STA. 0 = ELECTRODE No. 4, DATE MAY 4 '76 | 5-5-76

HEINRICHS GEOEX

	10.1	20.3								5-4-76	5-4-76	
SEND	2-3		1-2	2-3	3-4	4-5	5-6	6-7		1-2	4-5	
RECEIVE	25-35S		40-50S							CAL	CAL	
MULTIPLIER	10		1.0	0.1	0.1	0.1	0.1	.01		10	10	
PFE	0.8	-0.4	1.1	-1.2	2.7	-3.6	0.5	-6.1	3.2	-8.0	5.2	-10.7	7.4	-15.2	0.1	-0.2	0.0	-0.2
CUR. (AMPS)		0.4		1.8		1.6		1.8		2.6		3.2		5.5				
POINT No.																		
SEP. (n)	.5	1.8	1	5.75	2	23	3	57.5	4	115	5	201	6	322				
H.F. MV	169		22.9		7.11		3.39		1.95		1.15		.553		208		208	
DRIFT	0.0		0.0		0.2		0.0		0.1		0.2		0.4		0.0	0.6	0.0	0.0
1.0 ~~PFE~~ $K_n/1000$	CUR 6		5		6		6		6		6		6					
0.3 PFE ρ_{CAL}																		
0.1 PFE PFE_c																		
3.0 MV $\rho/2\pi$	49.0	49.0	27.0	27.0	26.2	26.2	31.2	31.2	36.0	36.0	37.0	37.0	34.2	34.2				
DRIFT ~~MCP~~		49.0		27.0		26.2		31.2		36.0		37.0		34.2				
S.P.	17.2		3.5				5/5	22.8									1.0	-:2 -:2
NOISE																		
POT RES MCF	16.4	-8.2	41.3	-45.9	103	-137	80.0	195	89.0	222	167	371	216	-444				
CULT & CMTS		8.2		30.9		61		58.0		72.3		86.4		161				

PAGE 5

HEINRICHS GEOEX

I. P. SENDER NOTES

JOB No. 1091 AREA Mendoza Wash

LINE 2, HALF S, SP. 1, DATE MAY 4, '76

SEND	2-3	1-2	2-3	3-4	4-5	5-6	6-7	1-2	4-5
RECEIVE	25-35S	40-50S						CAL	CAL
RANGE	20x300	20x250	20x300	20-300				20x100	20x100
VOLTAGE	500	480	510	430	390	380	420	210	140
CURRENT									
SEND									
RECEIVE									
RANGE									
VOLTAGE									
CURRENT									

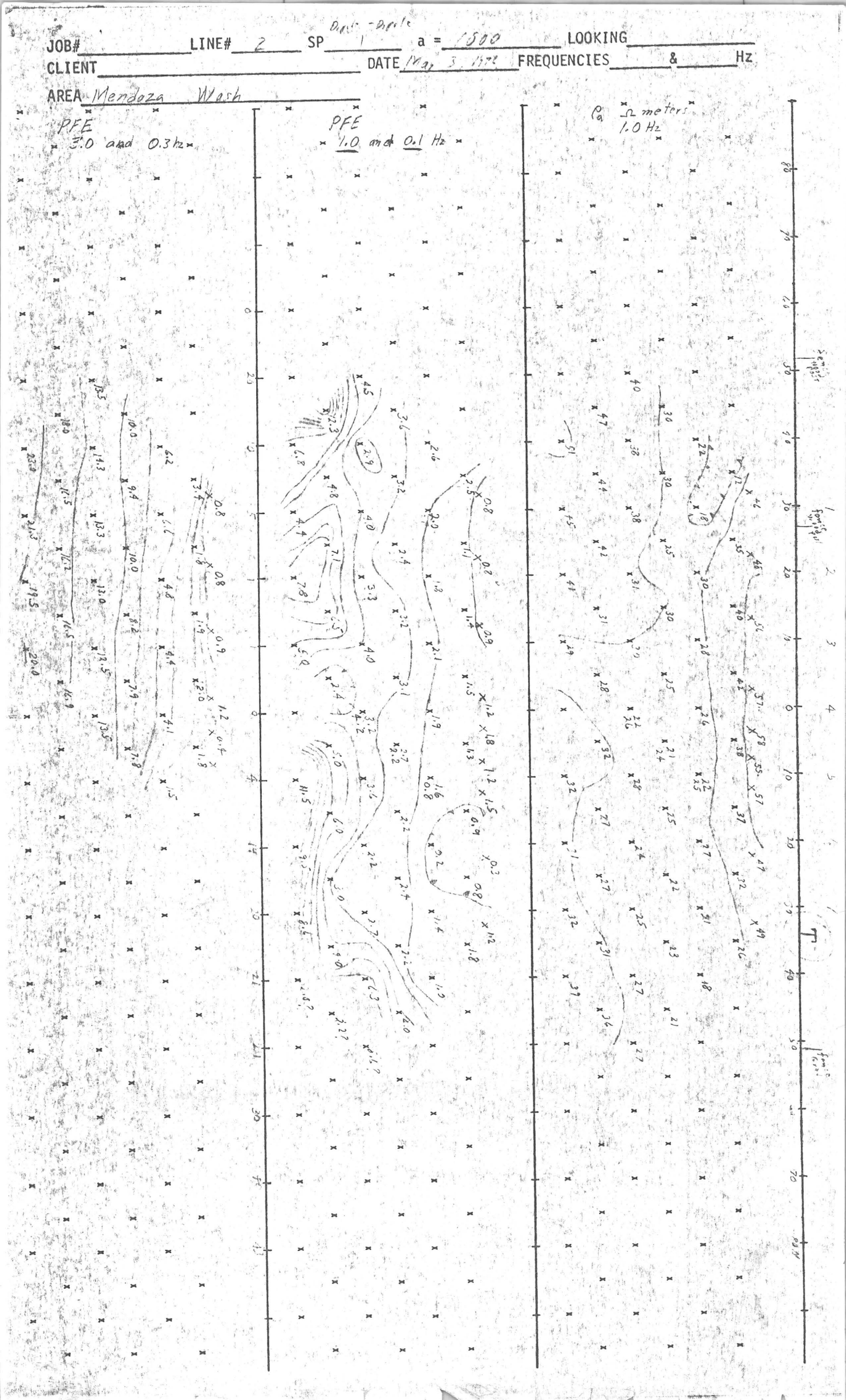
FREQUENCIES	1.0, 3.0, 0.3, 0.1, 1.0
SENDER No.	26721S
OPERATOR	VS
RECEIVER No.	
OPERATOR	R.R
POWER UNIT ID	
HOURS RUN	

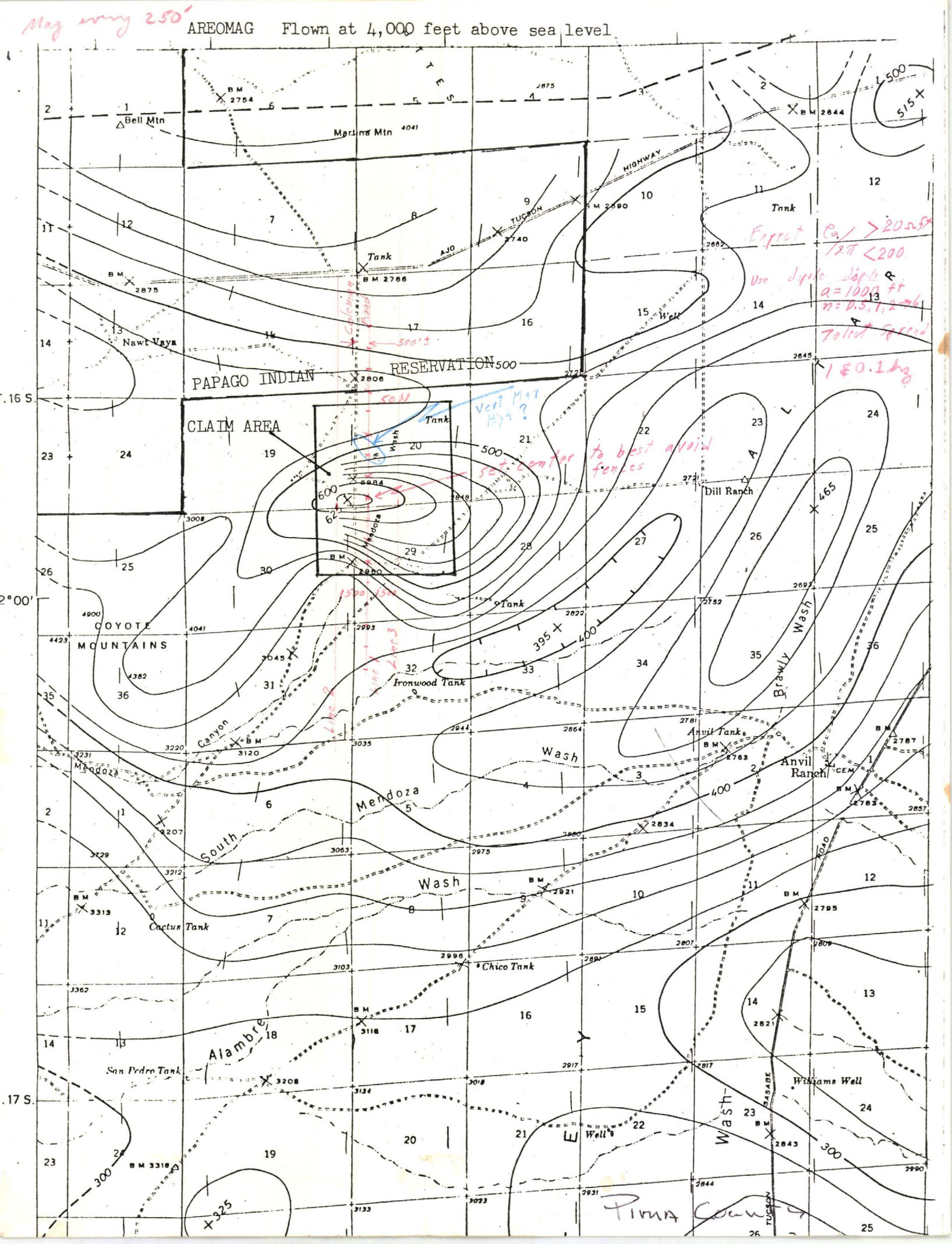
COMMENTS: SPECTRAL Readings, Sth end Line 2

JOB# _____ LINE# 2 SP Dipole-Dipole 1 a = 1500 LOOKING _____

CLIENT _____ DATE May 3 1978 FREQUENCIES _____ & _____ Hz

AREA Mendoza Wash



Mag every 250'

AREOMAG Flown at 4,000 feet above sea level