

**OBSERVER'S REPORT
DIGITAL RECORDER**

Petty-Ray Geophysical, Inc.
Subsidiary of Geosource International Inc.

Client CO CORP	Area Prospect RIO GRANDE RIFT. LOS PINOS MOUNT	State New Mexico	County SOCORRO	Date 11-10-75			
Crew No. 6834	Terrain Cross Country	Weather	Leave Office	Arrive Field	Leave Field	Arrive Office	Line No. #2

Rec.No.	Sweep Point	Patch Location	CDP SW	NO VIB	Tape Reel	Amp Gain	REMARKS
1	932	Similarity 5 Vibrs		5/16	13		
2		1-24					Time
3	1	1-12	-10				CH 1-12 12-24 9:20
4	2	1-13	-9				1-13 12-24 9:35
5	3	1-14	-8				1- 11-24 9:48
6	4	1-15	-7				10-24 10:00
7	5	1-16	-6				9-24 10:11
8	6	1-17	-5				8-24 10:22
9	7	1-18	-4				7-48 10:35
10	8	1-19	-3				6-48 10:46
11	9	1-20	-2				5-48 11:00
12	10	1-21	-1				4-48 11:13
13	11	1-22	01				3-48 11:24
14	12	1-23	2				2-48 11:35
15	13	7-30 31 54	9				1-48 12:05
16	14	8-30 32 55	10				12:17
17	15	9-32 33 56	11				12:30
18	16	10-33 34 57	12				12:42
19	17	11-34 35 58	13				12:54
20	18	12-35 36 59	14				1:08
21	19	13-36 37 60	15				1:20
22	20	14-37 38 61	16				
23							
24							
25							

Sweep Frequency 10-32		Sweep Length 20 SEC		Record Time 40 SEC		Type Energy Source VIB		Sweep Pattern IN LINE		Sweeps Per Pattern 16	
Type Geophone EV 22 B	Freq. 7.5	Geophone per Patch 32		Patch Pattern VADDIS ARRAG		No. of Recording Patches 48		Station Interval 330		Sweep Pattern per Set Up 1	
Type Record System MDS-8 (101)			Type Amps ETL		Amp Operate Mode IFP		Filters Lo <input checked="" type="radio"/> In 9Hz Hi <input checked="" type="radio"/> Out 31Hz		Notch <input checked="" type="radio"/> In <input checked="" type="radio"/> Out		Type Vibrators 2x 4100 2x 4900
Lin Dir 1 to 48 S → N		Total Sweeps	Shots	Total Coverage	Fold 24	Observer JIM RICHARDS			Party Mgr.		

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Client Co Corp	Area Prospect Rio Grande Rift Los Pinos Mount	State NEW MEX	County SOCORRO	Date 11-11-75			
Crew No. 6834	Terrain	Weather	Leave Office	Arrive Field	Leave Field	Arrive Office	Line No. # 2

Rec.No.	Sweep Point	1 Patch Location	2	3	4	CDP SW	NO VIB	Tape Reel	Amp Gain	Time	REMARKS	
1	20	8	14	37	38	41	16	5/16	13	IFP	8:05	
2	21	9	15	38	39	62	17				8:35	
3	22	10	16	39	40	63	18				8:50	
4	23	11	17	40	41	64	19				9:03	
5	24	12	18	41	42	65	20				9:35	
6	25	13	19	42	43	66	21				10:05	
7	26	14	20	43	44	67	22				10:05	
8	27	15	21	44	45	68	23				10:18	
9	28	16	22	45	46	69	24				10:30	TRAIN
10	29	17	23	46	47	70	25				11:00	
11	30	18	24	47	48	71	26				11:20	
12	31	19	25	48	49	72	27				11:32	
13	32	20	26	49	50	73	28				11:46	
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												

EO T#13

Sweep Frequency 10-32	Sweep Length 20 SEC	Record Time 40 SEC	Type Energy Source VIBS	Sweep Pattern IN LINE	Sweeps Per Pattern 16
Type Geophone EV 22 B	Freq. 7.5	Geophone per Patch 32	Patch Pattern VADIS	No. of Recording Patches 48	Station Interval 330'
Type Record System MDS-8 (101)	Type Amps ETC	Amp Operate Mode IFP	Filters Lo <input checked="" type="checkbox"/> Out 9Hz	Hi <input checked="" type="checkbox"/> Out 31Hz	Notch <input checked="" type="checkbox"/> In <input type="checkbox"/> Out
Lin Dir 1 to 48 S → N	Total Sweeps 48	Shots	Total Coverage	Fold 24	Observer JIM RICHARDS
				Party Mgr.	Type Vibrators 2 41128 3 4900

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Petty-Ray Geophysical, Inc.
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Client CO CORP		Area Prospect RIO GRANDE RIST- LOS PINOS			State NEW MEXICO		County SOLORRO		Date 11-17-75
Crew No. 6834	Terrain		Weather		Leave Office	Arrive Field	Leave Field	Arrive Office	Line No. 2

Rec.No.	Sweep Point	Patch Location		CDP SW	NO VIB	Tape Reel	Amp Gain	Time	REMARKS
1	33	21	27-50 51-74	29	5/16	14	IFP	11:58	
2	34	22	28-51 52-75	30					
3	35	23	29-52 53-76	31					
4	36	24	30-53 54-77	32					
5	37	25	31-54 55-78	33					
6	38	26	32-55 56-79	34					
7	39	27	33-56 57-80	35					
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sweep Frequency		Sweep Length		Record Time		Type Energy Source		Sweep Pattern		Sweeps Per Pattern		
Type Geophone	Freq.	Geophone per Patch		Patch Pattern		No. of Recording Patches		Station Interval		Sweep Pattern per Set Up		
Type Record System			Type Amps		Amp Operate Mode		Filters Lo In Out		Hi In Out		Notch In Out	Type Vibrators
Lin Dir 1 to 48		Total Sweeps		Shots	Total Coverage		Fold		Observer		Party Mgr.	

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Petty-Ray Geophysical, Inc.
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Client Co Corp	Area Prospect RIO GRANDE RIFT, LOS PINOS	State NEW MEX	County SOCORRO	Date 11-12-75			
Crew No. 6834	Terrain CROSS COUNTRY	Weather	Leave Office	Arrive Field	Leave Field	Arrive Office	Line No. #2

Rec.No.	Sweep Point	Patch Location	CDP SW	NO VIB	Tape Reel	Amp Gain	REMARKS
1	932	51-58 SIMILARITY		4	14	IFP	OB AT 70/71
2	40	28	34-57	58-81	12		8:50
3	41	29	35-58	59-82	13		9:05
4	42	30	36-59	60-83	14		9:19 TRAIN
5	43	31	37-60	61-84	15		9:38
6	44	32	38-61	62-85	16		10:00
7	45	33	39-62	63-86	17		10:15
8	46	34	40-63	64-87	18		10:27
9	47	35	41-64	65-88	19		10:40
10	48	36	42-65	66-89	20		11:05
11	49	37	43-66	67-90	21		11:18
12	50	38	44-67	68-91	22		11:30
13	51	39	45-68	69-92	23		11:45
14	52	40	46-69	70-93	24		12:00
15	53	41	47-70	71-94	25		12:11
16	54	42	48-71	72-94	26		12:22
17	55	43	49-72	73-94	27		12:40
18	56	44	50-73	74-94	28		12:53
19	57	45	51-74	75-94	29		13:07
20	58	46	52-75	76-94	30		13:20
21	59	47	53-76	77-94	31		13:33
22	60	48	54-77	78-94	32		13:46
23	61	49	55-78	79-94	33		13:58
24	62-50						
25	DOT 14						

Sweep Frequency 10-32	Sweep Length 20 SEC	Record Time 40 SEC	Type Energy Source VIB	Sweep Pattern IN LINE	Sweeps Per Pattern 14
Type Geophone 22 B	Freq. 7.5	Geophone per Patch 32	Patch Pattern VADIS	No. of Recording Patches 48	Station Interval 330
Type Record System MDS-8 (101)	Type Amps ETL	Amp Operate Mode IFP	Filters Lo <input checked="" type="checkbox"/> 9 Hz Out	Hi <input checked="" type="checkbox"/> 31 Hz Out	Notch <input checked="" type="checkbox"/> In <input type="checkbox"/> Out
Lin Dir 1 to 48 S → N	Total Sweeps	Shots	Total Coverage	Fold 24	Observer JIM RICHARDS
				Party Mgr.	Type Vibrators 24 900 24 1100

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Petty-Ray Geophysical, Inc. 79
Subsidiary of Geosource International Inc.

Client COCORP		Area Prospect Rio Grande Riet - Los Pinos			State New Mexico		County Socorro		Date 11-12-75	
Crew No. 6834		Terrain			Weather		Leave Office	Arrive Field	Leave Field	Arrive Office
Line No. 2										

Rec.No.	Sweep Point	Patch Location	CDP SW	NO VIB	Tape Reel	Amp Gain	REMARKS
1	86	76	82-94	60	4/16	15	TEP 19:55
2	87	77	83-94	61			20:15
3							
4							
5							
6	EOL						
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

Sweep Frequency		Sweep Length		Record Time		Type Energy Source		Sweep Pattern		Sweeps Per Pattern		
Type Geophone	Freq.	Geophone per Patch		Patch Pattern		No. of Recording Patches		Station Interval		Sweep Pattern per Set Up		
Type Record System			Type Amps		Amp Operate Mode		Filters Lo In Out		Hi In Out		Notch In Out	Type Vibrators
Lin Dir 1 to 48		Total Sweeps		Shots	Total Coverage		Fold	Observer <i>Jim Richards</i>			Party Mgr.	

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Client CO CORP	Area Prospect RIO GRANDE RIFT - LOS PINOS MOUNT	State New Mexico	County SOCORRO	Date 11-12-75			
Crew No. 6834	Terrain	Weather	Leave Office	Arrive Field	Leave Field	Arrive Office	Line No. 2

Rec.No.	Sweep Point	Patch Location		CDP SW	NO VIB	Tape Reel	Amp Gain	REMARKS	
1	62	50	56-79	80-94	34	4/16	15	TFP	14:13 CH 1-39
2	63	51	57 80	81- 95 35					14:30 CH. 1-38
3	64	52	58 81	82- 96 36					14:47 CH. 1-37
4	65	53	59 82	83- 97 37					15:00 CH. 1-36
5	66	54	60 83	84- 98 38					15:15 CH 1-35
6	67	55	61 84	85- 99 39					15:30 CH 1-34
7	68	56	62 85	86- 100 40					15:45 CH 1-33
8	69	57	63 86	87- 101 41					16:00 CH. 1-32
9	70	58	64 87	88- 102 42					16:22 CH 1-31
10	71	59	65 88	89- 103 43					16:42 CH 1-30
11	72	60	66 89	90- 104 44					16:55 CH 1-29
12	73	61	67 90	91- 105 45					17:07 CH 1-28
13	74	62	68 91	92- 106 46					17:20 CH 1-27
14	75	63	69 92	93- 107 47					17:31 CH 1-26
15	76	64	70 93	94- 108 48					17:45 CH 1-25
16	77	65	71 94	95- 109 49					17:57 CH 1-24
17	78	66	72 95	110- 110 50					18:09 CH 1-23
18	79	67	73-94		51				18:20 1-22
19	80	68	74-94		52				18:36 1-21
20	81	69	75-94		53				18:50 1-20
21	82	70	76-94		54				19:02 1-19
22	83	71	77-94		55				19:16 SKIP VP 71, DITCH
23	83	73	79-94		57				19:17 1-16
24	84	74	80-94		58				19:30 1-15
25	85	75	81-94		59				19:43 1-14

Sweep Frequency 10.32		Sweep Length 20 SEC		Record Time 40 SEC		Type Energy Source Vib		Sweep Pattern IN LINE		Sweeps Per Pattern 16		
Type Geophone EV22B	Freq. 95	Geophone per Patch 32		Patch Pattern VADIS ARRAY		No. of Recording Patches 48		Station Interval 330'		Sweep Pattern per Set Up		
Type Record System MD28 #101			Type Amps 1		Amp Operate Mode TFP		Filters Lo <input checked="" type="checkbox"/> 9		Hi <input checked="" type="checkbox"/> 31		Notch <input checked="" type="checkbox"/> Out	Type Vibrators
Lin Dir 1 to 48 S → N		Total Sweeps	Shots	Total Coverage	Fold	Observer Jim Richards			Party Mgr.			