

CLIENT Cocorp
 PROSPECT SOCOANO PROVINCE _____
 COUNTY SOCOANO (STATE) NEW MEXICO
 DIGITAL REEL NUMBER 10

PAGE 1 OF 11 LINE NO. 3 DIR. E to W

PETTY-RAY GEOPHYSICAL INC.

DATE 19 d 12 m 76 y CREW NO. 0841

OBSERVERS REPORT

WEATHER CLEAR-MILD TERRAIN ACROSS COUNTRY

Form # PRG 105

DIG-REC NO.	SHOT/SWEEP/DROP/POINT	RECORD (split where applicable) STATIONS						TAPE NUMBER		DEAD TRACE NO.	Traces on An. Tape or Correlator Display	CDP SWITCH POS.	No. of Vib. / Thumps		TIME of SHOT	TAPE SPEED	AMP. INITIAL GAIN	AMP. FINAL GAIN	Drag Offset	REMARKS
		Tr. 1	Tr. 24	Tr. 25	Tr. 48	DIGITAL	ANALOG	Charge	Depth											
1	1	-4	1		24	25		48	10			1			11:10				WIND 0-5 MPH.	
2	2	-3	2		25	26		49	↓			2			11:30				RECH 900 15 SEC. ALL ONES	
3	SKIP	-2	3		26	27		50				3							ROUGH TERRAIN	
4	3	-1	4		27	28		51				4			12:10					
5	4	0	5		28	29		52				5			12:30					
6	5	1	6		29	30		53				6			12:50					
7	6	2	7		30	31		54				7			1:10					
8	7	3	8		31	32		55				8			1:30					
9	8	4	9		32	33		56				9			1:50					
10	9	5	10		33	34		57				10			2:10					
11	10	6	11		34	35		58				11			2:30					
12	11	7	12		35	36		59				12			2:50					
13	12	8	13		36	37		60				13			3:10					
14	13	9	14		37	38		61				14			3:30					
15	14	10	15		38	39		62				15			3:50				AN ANIMAL CHEWING CABLES	
16	15	11	16		39	40		63				16			4:40				COWS ON LINE CAUSING NOISE	
17	16	12	17		40	41		64				17			5:30				REPLANTING GEOPHONES	
18	17	13	18		41	42		65				18			5:50					
19	18	14	19		42	43		66				19			6:10					
20	19	15	20		43	44		67				20			6:30					

GEOPHONE TYPE EV-22B FREQ. 7.5 Hz. GEO. PER PATCH 32 PATCH PATTERN 2X16 @ 600 GEO. INTERVAL VARIS SOURCE PATTERN 4X16 @ 704'
 AMPLIFIER TYPE IEP TAPE TRANSPORT MTM-12 SHOTS / SWEEPS / DROPS PER POINT 16 TOTAL FOR DAY 4X 304
 STATION INTERVAL 440 SPREAD DIMENSIONS 0-2200-22880 CDP STACK 24 TOTAL SET-UPS _____ SURFACE COV. 1.666 Miles
 RECORD FILTER LOW-CUT 9Hz SAMPLE RATE 8MS RECORD LENGTH 50 SEC. SWEEP NUMBER _____ SWEEP FREQ. 10-32 Hz @ 25 SEC.
 DEPART CAMP _____ ARRIVE FIELD _____ DEPART FIELD _____ ARRIVE CAMP _____ TOTAL HOURS _____
 BREAKDOWN HOURS _____ 60 ~ NOTCH - In _____ Out OBSERVER SUNTJENS PAGE 1 of 1

CLIENT COCOAP
 PROSPECT SOCORRO PROVINCE _____
 COUNTY SOCORRO (STATE) NEW MEXICO
 DIGITAL REEL NUMBER 10

PETTY-RAY GEOPHYSICAL INC.

LINE NO. 3 DIR. W to E

DATE 20 d 12 m 76 y CREW NO. 6841

OBSERVERS REPORT

WEATHER CLOUDY-COOL TERRAIN ACROSS COUNTRY

DIG-REC NO.	SHOT/SWEEP/DROP/POINT	RECORD (split where applicable) STATIONS							TAPE NUMBER		DEAD TRACE NO.	Traces on An. Tape or Correlator Display	CDP SWITCH POS.	No. of Vib. / Thumos.		TIME of SHOT	TAPE SPEED	AMP. INITIAL GAIN	AMP. FINAL GAIN	Drag Offset	REMARKS
		Tr. 1	Tr. 24	Tr. 25	Tr. 48	DIGITAL	ANALOG	Charge	Depth												
20	16	21		44	45			68	10			21				8:00					WIND 0-5MPH
SHIP	17	22		45	46			69	↓			22				'					SKIP (FENCE)
21	18	23		46	47			70				23				8:30					REPAIRING CABLE (LEAKAGE)
22	19	24		47	48			71				24				8:50					REPAIRING CABLE (LEAKAGE)
23	20	25		48	49			72				25				9:20					
24	21	26		49	50			73				26				9:40					
25	22	27		50	51			74				27				10:00					
26	23	28		51	52			75				28				10:40					REPLACING BAD CABLE
																					END OF TAPE REEL

PHONE TYPE EU-22B FREQ. 7.5 HZ. GEO. PER PATCH 32 PATCH PATTERN 2X16 @ 600 GEO. INTERVAL VADIS SOURCE PATTERN 4X16 @ 704'
 AMPLIFIER TYPE IFP TAPE TRANSPORT MTM-12 SHOTS / SWEEPS / DROPS PER POINT 16 TOTAL FOR DAY _____
 TATION INTERVAL 440 SPREAD DIMENSIONS 0-2200-22000 CDP STACK 24 TOTAL SET-UPS _____ SURFACE COV. _____ Miles
 RECORD FILTER LOW-CUT 9#2 ALIAS 31.25 HZ SAMPLE RATE 8MS RECORD LENGTH 50sec. SWEEP NUMBER _____ SWEEP FREQ. 10-32 HZ @ 253ER.
 DEPART CAMP _____ ARRIVE FIELD _____ DEPART FIELD _____ ARRIVE CAMP _____ TOTAL HOURS _____
 BREAKDOWN HOURS _____ 60 ~ NOTCH - In _____ Out OBSERVER SUNTJENS PAGE 1 of _____

CLIENT COCORP
 PROSPECT SOCORRO PROVINCE _____
 COUNTY SOCORRO (STATE) NEW MEXICO
 DIGITAL REEL NUMBER 11

PETTY-RAY GEOPHYSICAL INC.

LINE NO. 3 DIR. W to E

DATE 20 d 12 m 76 y CREW NO. 6841

OBSERVERS REPORT

WEATHER CLEAR-COOL TERRAIN ACROSS COUNTRY

DIG. REC NO.	SHOT/SWEEP/DROP/POINT	RECORD (split where applicable) STATIONS							TAPE NUMBER		DEAD TRACE NO.	Traces on An. Tape or Correlator Display	CDP SWITCH POS.	No. of Vib. / Thumos.		TIME of SHOT	TAPE SPEED	AMP. INITIAL GAIN	AMP. FINAL GAIN	Drag Offset	REMARKS
		Tr. 1		Tr. 24	Tr. 25		Tr. 48	DIGITAL	ANALOG	Charge				Depth							
27	24	29		52	53			76	11			29	4		11:00						
28	25	30		53	54			77	*			30	ψ		11:20						
29	26	31		54	55			78				31			11:40						
30	27	32		55	56			79				32			12:00						
31	28	33		56	57			80				33			12:20						
32	29	34		57	58			81				34			12:40						
33	30	35		58	59			82				35			1:00						
34	31	36		59	60			83				36			1:20						
35	32	37		60	61			84				37			1:40						
36	33	38		61	62			85				38			2:00						
37	34	39		62	63			86				39			2:20						
38	35	40		63	64			87				40			2:40						
39	36	41		64	65			88				41			3:00						
40	37	42		65	66			89				42			3:20						
41	38	43		66	67			90				43			3:40						
42	39	44		67	68			91				44			4:00						
43	40	45		68	69			92				45			4:20						
44	41	46		69	70			93				46			4:40						
45	42	47		70	71			94				47			5:00						
46	43	48		71	72			95				48			5:20						

PHONE TYPE EV-22B FREQ. 7.5 Hz. GEO. PER PATCH 32 PATCH PATTERN 2x16 @ 600' GEO. INTERVAL VADIS SOURCE PATTERN 4x16 @ 1704'
 AMPLIFIER TYPE IEP TAPE TRANSPORT MTM-12 SHOTS / SWEEPS / DROPS PER POINT 16 TOTAL FOR DAY _____
 VATION INTERVAL 440 SPREAD DIMENSIONS 0-2200-22880 CDP STACK 24 TOTAL SET-UPS _____ SURFACE COV. _____ Miles
 RECORD FILTER LOW-CUT 9Hz SAMPLE RATE 8MS RECORD LENGTH 50SEC. SWEEP NUMBER _____ SWEEP FREQ. 10-32Hz @ 25SEC
 DEPART CAMP _____ ARRIVE FIELD _____ DEPART FIELD _____ ARRIVE CAMP _____ TOTAL HOURS _____
 BREAKDOWN HOURS _____ 60 ~ NOTCH - In _____ Out 1 OBSERVER SUNTJENS PAGE 2 of _____

CLIENT COCORP
 PROSPECT SOCORRO PROVINCE _____
 COUNTY SOCORRO (STATE) NEW MEXICO
 DIGITAL REEL NUMBER 11

LINE NO. 3 DIR. W to E
 DATE 20 d 12 m 76 y CREW NO. 0841

PETTY-RAY GEOPHYSICAL INC.

OBSERVERS REPORT

WEATHER CLEAR-COOL TERRAIN ACROSS COUNTRY

Form # PRG 105

No.	DIG. REC. NO.	SHOT/SWEEP/DROP/POINT	RECORD (split where applicable)						TAPE NUMBER		DEAD TRACE NO.	Traces on An. Tape or Correlator Display	CDP SWITCH POS.	No. of Vib. / Thumps		TIME of SHOT	TAPE SPEED	AMP. INITIAL GAIN	AMP. FINAL GAIN	Drag Offset	REMARKS	
			Tr. 1	Tr. 24	Tr. 25	Tr. 48	DIGITAL	ANALOG	Charge	Depth												
1	47	44	49		72	73		96	11			49	.4			5:40						
2	48	45	50		73	74		97	↓	48		50	↓			6:00						
3	999	ALL ONES (50 SEC REC.)							END OF TAPE REEL													RUNNING UST
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						

GEOPHONE TYPE EU-22B FREQ. 7.5 Hz. GEO. PER PATCH 32 PATCH PATTERN 2x16@600' GEO. INTERVAL VADIS SOURCE PATTERN 4x16@704
 AMPLIFIER TYPE 1FP TAPE TRANSPORT MTM-12 SHOTS / SWEEPS / DROPS PER POINT 16 TOTAL FOR DAY 4x ~~480~~ 480
 STATION INTERVAL 440 SPREAD DIMENSIONS 0-2200-22880 CDP STACK 24 TOTAL SET-UPS 30 SURFACE COV. 16.5 Miles
 RECORD FILTER ALIAS 31.25Hz Low-cut 9Hz SAMPLE RATE 8ms RECORD LENGTH 50sec SWEEP NUMBER _____ SWEEP FREQ. 10-32Hz @ 25sec
 DEPART CAMP _____ ARRIVE FIELD _____ DEPART FIELD _____ ARRIVE CAMP _____ TOTAL HOURS _____
 BREAKDOWN HOURS _____ 60 ~ NOTCH - In _____ Out ✓ OBSERVER SUNTJENS PAGE 3 of 3

CLIENT COCORP
 PROSPECT SOCOARAO PROVINCE _____
 COUNTY SOCOARAO (STATE) NEW MEXICO
 DIGITAL REEL NUMBER 12

LINE NO. 3 DIR. W to E
 DATE 21 d 12 m 76 y CREW NO. 6841
 WEATHER CLEAR - COOL TERRAIN ACROSS COUNTRY

PETTY-RAY GEOPHYSICAL INC.

OBSERVERS REPORT

Form # PRG 105

STATION	DIG. REC. NO.	SHOT / SWEEP / DROP / POINT	RECORD (split where applicable)					TAPE NUMBER		DEAD TRACE NO.	Traces on An. Tape of Correlator Display	CDP SWITCH POS.	No. of Vib. / Thumps		TIME of SHOT	TAPE SPEED	AMP. INITIAL GAIN	AMP. FINAL GAIN	Drag Offset	REMARKS
			Tr. 1	Tr. 24	Tr. 25	Tr. 48	DIGITAL	ANALOG	Charge				Depth							
1	900	ALL ONES						12												WIND 0-5 MPH.
2	49	46	51		74	75		98			34	4		8:15						
3	50	47	52		75	76		99			35	↓		9:00						CHASING COWS OFF LINE
4	51	48	53		76	77		100			36			9:20						
5	52	49	54		77	78		101			37			10:00						CHASING COWS OFF LINE
6	53	50	55		78	79		102			38			10:20						WAITING ON NET
7	54	51	56		79	80		103			39			11:00						CHASING COWS OFF LINE
8	55	52	57		80	81		104			40			11:20						
9	56	53	58		81	82		105			41			11:40						
10	57	54	59		82	83		106			42			12:00						
11	58	55	60		83	84		107			43			12:20						
12	59	56	61		84	85		108			44			12:40						CHASING COWS OFF LINE
13	57	57	62		85	86		109			45			1:00						
14	999	ALL ONES																		END OF TAPE REEL
15																				PICK-UP LINE
16																				
17																				
18																				
19																				
20																				

GEOPHONE TYPE EU-22B FREQ. 7.5 Hz. GEO. PER PATCH 32 PATCH PATTERN 2x16 @ 600' GEO. INTERVAL VADIS SOURCE PATTERN 4x16 @ 704'
 AMPLIFIER TYPE IFP TAPE TRANSPORT MTM-12 SHOTS / SWEEPS / DROPS PER POINT 16 TOTAL FOR DAY 4x 160
 STATION INTERVAL 440 SPREAD DIMENSIONS 0-2200-22880 CDP STACK 24 TOTAL SET-UPS 10 SURFACE COV. 10 @ 833 Miles
 RECORD FILTER LOW-CUT 9HZ ALIAS 31.25 HZ SAMPLE RATE 845. RECORD LENGTH 50 SEC. SWEEP NUMBER _____ SWEEP FREQ. 10-32 HZ @ 25 SEC
 DEPART CAMP _____ ARRIVE FIELD _____ DEPART FIELD _____ ARRIVE CAMP _____ TOTAL HOURS _____
 BREAKDOWN HOURS _____ 60 ~ NOTCH - In _____ Out ✓ OBSERVER SWINTJENS PAGE 1 of 1

CLIENT COCOP
 PROSPECT SOCORNO PROVINCE _____
 COUNTY SOCORNO (STATE) NEW MEXICO
 DIGITAL REEL NUMBER 26

LINE NO. 3 DIR. W to E
 DATE 26 d 1 m 77 y CREW NO. 6841
 WEATHER CLEAR - COLD TERRAIN ACROSS COUNTRY

PETTY-RAY GEOPHYSICAL INC.

OBSERVERS REPORT

Form # PRG 105

DIG-REC NO.	SHOT/SWEEP/DROP/POINT	RECORD (split where applicable) STATIONS						TAPE NUMBER		DEAD TRACE NO.	Traces on An. Tape or Correlator Display	CDP SWITCH POS.	No. of Vib. / Thumps		TIME of SHOT	TAPE SPEED	AMP. INITIAL GAIN	AMP. FINAL GAIN	Drag Offset	REMARKS
		Tr. 1		Tr. 24	Tr. 25		Tr. 48	DIGITAL	ANALOG				Charge	Depth						
1	900	ALL ONES (5600 Pcs)						26												WIND 5-10 MPH
2	59	56	61		84	85		108	↓		2	5		9:00					OFFSET 200' SW. OF LINE	
3	60	57	62		85	86		109			3	↓		9:20					OFFSET 200' SW. OF LINE	
4	61	58	63		86	87		110			4			9:40						
5	62	59	64		87	88		111			5			10:00						
6	63	60	65		88	89		112			6			10:20						
7	64	61	66		89	90		113			7			10:40						
8	65	62	67		90	91		114			8			11:00						
9	66	63	68		91	92		115			9			11:20						
10	SKIP	64	69		92	93		116			10			11:40					SKIP - FENCE	
11	67	65	70		93	94		117			11			11:40						
12	68	66	71		94	95		118			12			12:00						
13	69	67	72		95	96		119			13			12:20						
14	70	68	73		96	97		120			14			12:40						
15	71	69	74		97	98		121			15			1:00						
16	72	70	75		98	99		122			16			1:20						
17	73	71	76		99	100		123			17			1:40						
18	74	72	77		100	101		124			18			2:00						
19	75	73	78		101	102		125			19			2:20						
20	76	74	79		102	103		126			20			2:40						

GEOPHONE TYPE EV-22B FREQ. 25 Hz. GEO. PER PATCH 32 PATCH PATTERN 2x16 @ 600' GEO. INTERVAL VADIS SOURCE PATTERN 5x16 @ 75'
 AMPLIFIER TYPE 1FP TAPE TRANSPORT MTM-12 SHOTS / SWEEPS / DROPS PER POINT 76 TOTAL FOR DAY _____
 STATION INTERVAL 440 SPREAD DIMENSIONS 0-2200 - 22880 CDP STACK 24 TOTAL SET-UPS _____ SURFACE COV. _____ Miles
 RECORD FILTER LOW-CUT 9Hz SAMPLE RATE 8MS RECORD LENGTH 50500 SWEEP NUMBER _____ SWEEP FREQ. 10-32 Hz @ 25 SEC
 DEPART CAMP _____ ARRIVE FIELD _____ DEPART FIELD _____ ARRIVE CAMP _____ TOTAL HOURS _____
 BREAKDOWN HOURS _____ 60 ~ NOTCH - In _____ Out _____ OBSERVER SUNTIEWS PAGE 1 of _____

CLIENT Cocora
 PROSPECT Socorro PROVINCE _____
 COUNTY Socorro (STATE) New Mexico
 DIGITAL REEL NUMBER 26

LINE NO. 3 DIR. W to E
 DATE 26 d 1 m 77 y CREW NO. 6841
 WEATHER Clear, Cool TERRAIN Across Country

PETTY-RAY GEOPHYSICAL INC.

OBSERVERS REPORT

Form # PRG 105

	DIG-REC-NO	SHOT/SWEEP/DROP/POINT	RECORD (split where applicable)						TAPE NUMBER		DEAD TRACE NO	Traces on An. Tape or Correlator Display	CDP SWITCH POS	No. of Vib. / Thumos.		TIME of SHOT	TAPE SPEED	AMP-INITIAL GAIN	AMP-FINAL GAIN	Drag Offset	REMARKS	
			Tr. 1	Tr. 24	Tr. 25	Tr. 48	DIGITAL	ANALOG	Charge	Depth												
1	77	75	80		103	104		127	26			21	5		3:00							
2	78	76	81		104	105		128	↓			22	↓		3:20							
3	79	77	82		105	106		129				23			3:40							
4	80	78	83		106	107		130				24			4:00							
5	SKIP	79	84		107	108		131				25			4:20						SKIP - FENCES	
6	81	80	85		108	109		132				26			4:30							
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						

GEOPHONE TYPE EV-22B FREQ. 9.5 Hz. GEO. PER PATCH 32 PATCH PATTERN 2X16 @ 60' GEO. INTERVAL 14015 SOURCE PATTERN 5X16 @ 292'
 AMPLIFIER TYPE IFP TAPE TRANSPORT MTH-12 SHOTS / SWEEPS / DROPS PER POINT 16 TOTAL FOR DAY 5X308
 STATION INTERVAL 440 SPREAD DIMENSIONS 0-2200-22080 CDP STACK 24 TOTAL SET-UPS 24 SURFACE COV. 20.000 Miles
 RECORD FILTER LOW-cut 9Hz ALIAS 31-25 Hz SAMPLE RATE 0.75 RECORD LENGTH 50 sec SWEEP NUMBER _____ SWEEP FREQ. 10-32 Hz @ 25 sec
 DEPART CAMP _____ ARRIVE FIELD _____ DEPART FIELD _____ ARRIVE CAMP _____ TOTAL HOURS _____
 BREAKDOWN HOURS _____ 60 ~ NOTCH - In _____ Out OBSERVER SUNTSEUS PAGE 2 of 2

CLIENT COCORP
 PROJECT SOCORRO PROVINCE _____
 COUNTY SOCORRO (STATE) NEW MEXICO
 DIGITAL REEL NUMBER 26

PETTY-RAY GEOPHYSICAL INC.

LINE NO. 7 DIR. W to E
 DATE 27 d 1 m 77 y CREW NO. 6841
 WEATHER CLEAR - COOL TERRAIN ACROSS COUNTRY

OBSERVERS REPORT

DIG-REC NO.	SHOT/SWEEP/DROP/POINT	RECORD (split where applicable) STATIONS						TAPE NUMBER		DEAD TRACE NO.	Traces on An. Tape or Correlator Display	CDP SWITCH POS.	No. of Vib. / Thumps		TIME of SHOT	TAPE SPEED	AMP. INITIAL GAIN	AMP. FINAL GAIN	Drag Offset	REMARKS
		Tr. 1		Tr. 24	Tr. 25		Tr. 48	DIGITAL	ANALOG				Charge	Depth						
81	80	85		108	109			132	26			26	4		8:40					WIND 10-15 MPH
82	81	86		109	110			133	↓			27	5		9:00					STATS 131, 132, 133 NOISY (POWER LINE)
83	82	87		110	111			134				28	↓		9:20					
84	83	88		111	112			135				29			10:20					REPLACING NOISY STATS
EOF		89		112	113			136												
END OF TAPE REEL																				

GEOPHONE TYPE EV-22B FREQ. 25 Hz. GEO. PER PATCH 32 PATCH PATTERN 2X16 @ 60° GEO. INTERVAL VARIS SOURCE PATTERN 4X16 @ 70°
 AMPLIFIER TYPE IFP TAPE TRANSPORT MTT-12 SHOTS / SWEEPS / DROPS PER POINT 16 TOTAL FOR DAY _____
 STATION INTERVAL 490 SPREAD DIMENSIONS 0-2200-22880 CDP STACK 24 TOTAL SET-UPS _____ SURFACE COV. _____ Miles
 RECORD FILTER LOW CUT 9Hz SAMPLE RATE 8Hz RECORD LENGTH 505 sec SWEEP NUMBER _____ SWEEP FREQ. 10-32Hz @ 25 sec.
 DEPART CAMP _____ ARRIVE FIELD _____ DEPART FIELD _____ ARRIVE CAMP _____ TOTAL HOURS _____
 BREAKDOWN HOURS _____ 60 ~ NOTCH - In _____ Out OBSERVER SUNTIENS PAGE 1 of _____

CLIENT Cocopa
 PROJECT Socorro PROVINCE _____
 COUNTY Socorro (STATE) NEW MEXICO
 DIGITAL REEL NUMBER 27

PETTY-RAY GEOPHYSICAL INC.

LINE NO. 3 DIR. W to E

DATE 27 d 1 m 77 y CREW NO. 6841

OBSERVERS REPORT

WEATHER CLEAR-COLD TERRAIN Across Country

DIG-REC-NO.	SHOT/SWEEP/DROP/POINT	RECORD (split where applicable) STATIONS							TAPE NUMBER		DEAD TRACE NO.	Traces on An. Tape or Correlator Display	CDP SWITCH POS.	No. of Vib. / Thumps		TIME of SHOT	TAPE SPEED	AMP. INITIAL GAIN	AMP. FINAL GAIN	Drag Offset	REMARKS
		Tr. 1		Tr. 24	Tr. 25		Tr. 48	DIGITAL	ANALOG	Charge				Depth							
85	84	89		112	113			136	27			30	5			10:50				WIND 10-15 MPH.	
86	85	90		113	114			137	↓			31	↓			11:10					
87	86	91		114	115			138				32				11:30					
SKIP	87	92		115	116			139				33				12:00				SKIP - GULLY	
88	88	93		116	117			140				34				12:10				WIND 15-20 MPH	
89	89	94		117	118			141				35				12:30					
90	90	95		118	119			142				36				1:00					
91	91	96		119	120			143				37				1:20				SLOW VIB. (INTERMITTENT HIGH WINDS)	
92	92	97		120	121			144				38				2:10					
93	93	98		121	122			145				39				2:30					
94	94	99		122	123			146				40				2:50					
95	95	100		123	124			146				41				3:30					
SKIP	96	101		124	125			146				42								SKIP - GULLY	
96	97	102		125	126			146				43				4:00					
97	98	103		126	127			146				44				4:20					

GEOPHONE TYPE EV-22B FREQ. 2.5 Hz. GEO. PER PATCH 32 PATCH PATTERN 2x16 @ 600' GEO. INTERVAL VARIABLE SOURCE PATTERN 5x16 @ 792'
 AMPLIFIER TYPE 1FA TAPE TRANSPORT MTM-12 SHOTS / SWEEPS / DROPS PER POINT 16 TOTAL FOR DAY 5x 272
 STATION INTERVAL 440 SPREAD DIMENSIONS 0-2200 - 22880 CDP STACK 24 TOTAL SET-UPS 19 SURFACE COV. 1.583 Miles
 RECORD FILTER LOW-CUT 9Hz SAMPLE RATE 8MS RECORD LENGTH 50sec SWEEP NUMBER _____ SWEEP FREQ. 10-32Hz @ 25sec.
 DEPART CAMP _____ ARRIVE FIELD _____ DEPART FIELD _____ ARRIVE CAMP _____ TOTAL HOURS _____
 BREAKDOWN HOURS _____ 60 ~ NOTCH - In _____ Out OBSERVER SUNTIENS PAGE 2 of 2

CLIENT COCORA
 PROSPECT SOCORRO PROVINCE _____
 COUNTY SOCORRO (STATE) NEW MEXICO
 DIGITAL REEL NUMBER 27

PETTY-RAY GEOPHYSICAL INC.

DATE 28 d 1 m 77 y CREW NO. 6841

OBSERVERS REPORT

WEATHER CLEAR-COOL TERRAIN ACROSS COUNTRY

DIG. REC. NO.	SHOT/SWEEP/DROP/POINT	RECORD (split where applicable) STATIONS							TAPE NUMBER		DEAD TRACE NO.	Traces on An. Tape or Correlator Display	CDP SWITCH POS.	No. of Vib. / Thumps.		TIME of SHOT	TAPE SPEED	AMP. INITIAL GAIN	AMP. FINAL GAIN	Drag Offset	REMARKS
		Tr. 1		Tr. 24	Tr. 25			Tr. 48	DIGITAL	ANALOG				Charge	Depth						
98	99	104		127	128			146	27			45	5		8:30						WIND 5-10 M.P.H.
99	100	105		128	129			146	↓			46	↓		8:50						
100	101	106		129	130			146				47			9:10						
101	102	107		130	131			146				48			9:30						
102	103	108		131	132			146				49			9:50						
SKIP	104	109		132	133			146				50			10:10						SKIP - FENCES
103	105	110		133	134			146				51			10:20						
104	106	111		134	135			146				52			10:30						WIND 10-15 M.P.H.
SKIP	107	112		135	136			146				53									SKIP - GULLY
105	108	113		136	137			146				54			11:00						DOING VST
106	109	114		137	138			146				55			11:20						
107	110	115		138	139			146				56			11:40						WIND 5-10 M.P.H.
108	111	116		139	140			146				57			12:00						
109	112	117		140	141			146				58			12:20						
110	113	118		141	142			147				59			12:40						
									END OF TAPE REEL												

TELEPHONE TYPE EV-22B FREQ. 25 Hz. GEO. PER PATCH 32 PATCH PATTERN 2x16 @ 600' GEO. INTERVAL VADIS SOURCE PATTERN 5x16 @ 790'

AMPLIFIER TYPE IFP TAPE TRANSPORT MTM-12 SHOTS / SWEEPS / DROPS PER POINT 16 TOTAL FOR DAY _____

STATION INTERVAL 440 SPREAD DIMENSIONS 0-2200 . 22880 CDP STACK 24 TOTAL SET-UPS _____ SURFACE COV. _____ Miles

RECORD FILTER LOW-CUT 31.25 Hz SAMPLE RATE 8 Ms RECORD LENGTH 50 sec. SWEEP NUMBER _____ SWEEP FREQ. 10-32 Hz @ 25 sec

DEPART CAMP _____ ARRIVE FIELD _____ DEPART FIELD _____ ARRIVE CAMP _____ TOTAL HOURS _____

BREAKDOWN HOURS _____ 60 ~ NOTCH - In _____ Out OBSERVER SUNTJENS PAGE 10 of _____

CLIENT Cocorp
 PROJECT SOCORRO PROVINCE _____
 COUNTY SOCORRO (STATE) NEW MEXICO
 DIGITAL REEL NUMBER 28

PETTY-RAY GEOPHYSICAL INC.

LINE NO. 3 DIR. W to E
 DATE 28 d 1 m 77 y CREW NO. 6841
 WEATHER CLEAR-COOL TERRAIN ACROSS COUNTRY

OBSERVERS REPORT

DIG-REC NO.	SHOT/SWEEP/DROP/POINT	RECORD (split where applicable) STATIONS						TAPE NUMBER		DEAD TRACE NO.	Traces on An. Tape or Correlator Display	CDP SWITCH POS.	No. of Vib. / Thumos.		TIME of SHOT	TAPE SPEED	AMP. INITIAL GAIN	AMP. FINAL GAIN	Drag Offset	REMARKS
		Tr. 1	Tr. 24	Tr. 25	Tr. 48	DIGITAL	ANALOG	Charge	Depth											
111	114	119		142	143		144	28			60	5		1:00					WIND 0-5 MPH	
112	115	120		143	144		145	↓			61	↓		1:20					STATS 131, 132, 133, NOISE (POWER LINE)	
113	116	121		144	145		146				62			1:40						
114	118	122		145	146				20		63			2:00						
SKIP	118	123		146							64			2:20					SKIP - GULLY	
115	119	124		146							65			2:30					REPLACING BAD CABLE	
SKIP	120	125		146							66							←	WIND 5-10 MPH	
116	121	126		146							67			3:00					SKIP - GULLY	
SKIP	122	127		146							68								SKIP - GULLY	
117	123	128		146							69			3:30						
118	124	129		146							70			3:50						
SKIP	125	130		146							71								SKIP - GULLY	
119	126	131		146							72			4:20						
120	127	132		146							73			4:40						
SKIP	128	133		146							74								SKIP - GULLY	
121	129	134		146							75			5:10						
122	130	135		146							76			5:30					STARTED ON FIRST HALF (GULLY)	
999	ALL ONS.																		END OF TAPE REEL	
																			END OF LINE #3	

GEOPHONE TYPE EV-22A FREQ. 7.5 Hz. GEO. PER PATCH 32 PATCH PATTERN 2X16 @ 600' GEO. INTERVAL VADIS SOURCE PATTERN 5X16 @ 792'
 AMPLIFIER TYPE IFP TAPE TRANSPORT MTM-12 SHOTS / SWEEPS / DROPS PER POINT 16 TOTAL FOR DAY 5X400
 GATION INTERVAL 440 SPREAD DIMENSIONS 0-2200-22880 CDP STACK 24 TOTAL SET-UPS 32 SURFACE COV. 2.666 Miles
 RECORD FILTER ALIAS 31.25 Hz LOW-CUT 9Hz SAMPLE RATE 8MS. RECORD LENGTH 50 SEC. SWEEP NUMBER _____ SWEEP FREQ. 10-32 Hz @ 25 SEC.
 DEPART CAMP _____ ARRIVE FIELD _____ DEPART FIELD _____ ARRIVE CAMP _____ TOTAL HOURS _____
 BREAKDOWN HOURS _____ 60 ~ NOTCH - In _____ Out ✓ OBSERVER SUNTSENS PAGE 2 of 2