



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834 LINE NO. #14 LEAVE TOWN/CAMP. 7:00 ARRIVE TOWN/CAMP 7:00 TOTAL TR. TIME            DOWN TIME            WEATHER cloudy, wet, shoulder TRAIL CONDITIONS            DATE MONTH 4 DAY 9 YEAR 84 CLIENT Cocorp OB R. Patton PM L. Davis

FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
933	PULSE	1	-	6	sec		029	48								5	8	30%	73	990	B.O.T *024 900 10sec ALL ONES, 5 Vib, 1st Vib -44' Behind	
934	ELMT	2	-	"	"																FLAG, 41.25 MOVE UP, 50'S SPACING	
939	DRD	4	-	"	"																8 sweep, 32sec Record, 16sec	
953	slm test	2	-	"	"																sweep, 8ms sample RATE, 31.25	
961	N.R.J	2	-	"	"																Alias. sta #51 OPEN Due to	
932	similarity	1	-	16	sec	036									5	8	30%				Dirt Road.	
001	windstrip	1	-	32	sec	3									5	8	30%				Vibs working shoulder.	
002	1	5	-	99		3									5	8	30%				Vibs will stop vibrating, Due to	
003	2	5	-	100		4											30%				Very soft shoulder	

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FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE	
933	Pulse	1-	6	sec		024	48									8	30%	50	990	5	Vib, 1st Vib - 44' Behind	GEORGIA	
934	EIVT	2-	"	"																			Flag, 41.25 move up, 50' spac
936	DRD	4-	"	"																			8 sweep, 16 sec sweep, 32 sec
953	stem test	2-	"	"																			arrive field 9:30. Record, will be dump every sweep. NO NOISE Reject
961	N.R.S	2-	"	"																			
932	similar	1-	16	sec	236											5	30%		8:15				
004	windstrip	1-	32	sec	28	alias		62.5		4ms	sample												RATE.
005	3	6	-	101	28											5	30%		9:15				
006	3	6	-	101	28																		
007	3	6	-	101	28																		
008	3	6	-	101	28																		
009	3	6	-	101	28																		
010	3	6	-	101	28																		
011	3	6	-	101	28																		
012	3	6	-	101	28	024																	
013	4	7	-	102	29	025	windstrip																E.O.T #024, TAPE MKT
014	4	7	-	102	29																		
015	4	7	-	102	29																		
016	4	7	-	102	29																		
017	4	7	-	102	29																		
018	4	7	-	102	29																		
019	4	7	-	102	29																		
020	4	7	-	102	29																		
021	4	7	-	102	29																		
022	5	8	-	103	30																		
023	5	8	-	103	30																		
024	5	8	-	103	30																		
025	5	8	-	103	30																		
026	5	8	-	103	30																		
027	5	8	-	103	30																		
028	5	8	-	103	30																		
029	5	8	-	103	30	025																	E.O.T #025, TAPE MKT.



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CREW NO. 6834		LINE NO. #14		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS Shoulder		DATE MONTH 4 DAY 11 YEAR 84		CLIENT COCORP		OB R. Patten		PM L. Davis	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY TAPE	MEMORY Missed Sweeps	SHOOTING					N. UNITS	NO. SUMS	DRIVE	INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR						SIZE	TOP	BOT.	NO CAPS	U. H. T.								
061	10	13	-	108	35	027	48							5	8	30%	50	990					
062	10	13	-	108	35											30%							
063	10	13	-	108	35	027										30%							
064	11	14	-	109	36	028		WINAstrip								60%						E.O. + #027 TAPE MKT	
065	11	14	-	109	36											30%						B.O. + #028, 900 10 sec. ALL ONES	
066	11	14	-	109	36											36%							
067	11	14	-	109	36											30%							
068	11	14	-	109	36											30%							
069	11	14	-	109	36											30%							
070	11	14	-	109	36											30%							
071	11	14	-	109	36											30%							
072	11	14	-	109	36											30%							
073	12	15	-	110	37											30%							
074	12	15	-	110	37											30%							
075	12	15	-	110	37											30%							
076	12	15	-	110	37											30%							
077	12	15	-	110	37											30%							
078	12	15	-	110	37											30%							
079	12	15	-	110	37											30%							
080	12	15	-	110	37	028										30%						E.O. + #028, TAPE MKT	
SKIP	13	16	-	111	38	SKIP										SKIP						Due to Houses.	
SKIP	14	17	-	112	39	SKIP										SKIP						" " "	
SKIP	15	18	-	113	40	SKIP										SKIP						" " "	
081	16	19	-	114	41	029		WINAstrip								60%						B.O. + #029, 900 10 sec. ALL ONES.	
082	16	19	-	114	41											30%							
083	16	19	-	114	41											36%							
084	16	19	-	114	41											30%							
085	16	19	-	114	41											30%							
086	16	19	-	114	41											30%							
087	16	19	-	114	41											30%							
088	16	19	-	114	41											30%							
089	16	19	-	114	41											30%							

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FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS OF "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
090	17	20	-	115	42	029	48								5	8	30%	50					
091	17	20	-	115	42												30%						
092	17	20	-	115	42												30%						
093	17	20	-	115	42												30%						
094	17	20	-	115	42												30%						
095	17	20	-	115	42												30%						
096	17	20	-	115	42												30%						
097	17	20	-	115	42	029											30%						
098	18	21	-	116	43	030											30%						E.D.T #029, TAPE MKTS.
099	18	21	-	116	43												30%						B.O.T #030, 900 10sec ALL ONES.
100	18	21	-	116	43												30%						
101	18	21	-	116	43												30%						
102	18	21	-	116	43												30%						
103	18	21	-	116	43												30%						
104	18	21	-	116	43												30%						
105	18	21	-	116	43												30%						
106	18	21	-	116	43												30%						
107	19	22	-	117	44												30%						
108	19	22	-	117	44												36%						
109	19	22	-	117	44												30%						
110	19	22	-	117	44												30%						
111	19	22	-	117	44												30%						
112	19	22	-	117	44												30%						
113	19	22	-	117	44												30%						
114	19	22	-	117	44	030											30%						E.D.T #030, TAPE MKTS
115	20	23	-	118	45	031											30%						B.O.T #031, 900 10sec ALL ONES.
116	20	23	-	118	45												30%						
117	20	23	-	118	45												30%						
118	20	23	-	118	45												30%						
119	20	23	-	118	45												30%						
120	20	23	-	118	45												30%						
121	20	23	-	118	45												30%						

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FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
122	20	23	-	118	45	031	48								5	8	30%	50	990				
123	20	23	-	118	45												30%						
124	21	24	-	119	46												30%						
125	21	24	-	119	46												30%						
126	21	24	-	119	46												30%						
127	21	24	-	119	46												50%						Vibs WENT TO 50% DRIVE.
128	21	24	-	119	46												50%						
129	21	24	-	119	46												50%						
130	21	24	-	119	46												50%						
131	21	24	-	119	46	031											50%						E.O. #031, TAPE MKTS.
132	22	25	-	120	47	032	WINDSTRIPE										60%						B.O. #032, 900/10sec ALL ONES
133	22	25	-	120	47												50%						
134	22	25	-	120	47												50%						
135	22	25	-	120	47												50%						
136	22	25	-	120	47												50%						
137	22	25	-	120	47												50%						
138	22	25	-	120	47												50%						
139	22	25	-	120	47												50%						
140	22	25	-	120	47												50%						
141	23	26	-	121	48												50%						
142	23	26	-	121	48												50%						
143	23	26	-	121	48												50%						
144	23	26	-	121	48												50%						
145	23	26	-	121	48												50%						
146	23	26	-	121	48												50%						
147	23	26	-	121	48												50%						
148	23	26	-	121	48	032											50%						E.O. #032, TAPE MKTS.
149	24	27	-	122	49	033	WINDSTRIPE										60%						B.O. #033, 900/10sec ALL ONES
150	24	27	-	122	49												50%						
151	24	27	-	122	49												50%						
152	24	27	-	122	49												50%						
153	24	27	-	122	49												50%						

NOTE: TRAIN RUNNING ALONG LINE.

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FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY Missed Sweeps	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
154	24	27	-	122	49	033	48									5	8	50%	50		990	NOTE: train along line.	
155	24	27	-	122	49													50%					
156	24	27	-	122	49													50%					
157	24	27	-	122	49													50%					
SKIP	25	28	-	123	50													SKIP					Due to Houses.
SKIP	26	29	-	124	51													SKIP					" " "
SKIP	27	30	-	125	52													SKIP					" " "
158	28	31	-	126	7													50%	96				Recorder moved up at 96-97.
159	28	31	-	126	7													50%					
160	28	31	-	126	7													50%					
161	28	31	-	126	7													50%					
162	28	31	-	126	7													50%					
163	28	31	-	126	7													50%					
164	28	31	-	126	7													50%					
165	28	31	-	126	7	033												50%					E.O.T #033 TAPE MKTS.
166	29	32	-	127	8	034	windskip											60%					B.O.T #034, 900 10sec All ones.
167	29	32	-	127	8													50%					NOTE: A logging track running
168	29	32	-	127	8													50%					along line.
169	29	32	-	127	8													50%					
170	29	32	-	127	8													50%					
171	29	32	-	127	8													50%					
172	29	32	-	127	8													50%					
173	29	32	-	127	8													50%					
174	29	32	-	127	8													50%					
175	30	33	-	128	9													50%					
176	30	33	-	128	9													50%					
177	30	33	-	128	9													50%					
178	30	33	-	128	9													50%					
179	30	33	-	128	9													50%					
180	30	33	-	128	9													50%					
181	30	33	-	128	9													50%					
182	30	33	-	128	9	034												50%					E.O.T #034 TAPE MKTS.

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FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS				
		TR	TR	TR	TR				TAPE	MEMORY Missed sweeps	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE			
183	31	34	-	129	10	035	48																		
184	31	34	-	129	10																				
185	31	34	-	129	10																				
186	31	34	-	129	10																				
187	31	34	-	129	10																				
188	31	34	-	129	10																				
189	31	34	-	129	10																				
190	31	34	-	129	10																				
191	31	34	-	129	10																				
192	32	35	-	130	11																				
193	32	35	-	130	11																				
194	32	35	-	130	11																				
195	32	35	-	130	11																				
196	32	35	-	130	11																				
197	32	35	-	130	11																				
198	32	35	-	130	11																				
199	32	35	-	130	11	035																			
200	33	36	-	131	12	036																			
201	33	36	-	131	12																				
202	33	36	-	131	12																				
203	33	36	-	131	12																				
204	33	36	-	131	12																				
205	33	36	-	131	12																				
206	33	36	-	131	12																				
207	33	36	-	131	12																				
208	33	36	-	131	12																				
209	34	37	-	132	13																				
210	34	37	-	132	13																				
211	34	37	-	132	13																				
212	34	37	-	132	13																				
213	34	37	-	132	13																				
214	34	37	-	132	13																				

B.D. + #035, 900 10sec ALL ONES

E.D. + #035, TAPE MKTS.  
R.D. + #036, 900 10sec ALL ONES

WIND STRIP

WIND STRIP

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FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY Missed Sweeps	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS					NO. SUMS
215	34	37	-	132	13	036	48							5	50%	96	990				
216	34	37	-	132	13	036									50%			E.O. #036, TAPE MKTS.			
217	35	38	-	133	14	037		WIND STRIP							60%			B.O. #037, 900 10sec ALONES			
218	35	38	-	133	14									4	50%			Vib #23652 Downy oil Leak			
219	35	38	-	133	14										50%						
220	35	38	-	133	14										50%						
221	35	38	-	133	14										50%						
222	35	38	-	133	14										50%						
223	35	38	-	133	14										50%						
224	35	38	-	133	14										50%						
225	35	38	-	133	14										50%						
226	36	39	-	134	15										50%						
227	36	39	-	134	15										50%						
228	36	39	-	134	15										50%						
229	36	39	-	134	15										50%						
230	36	39	-	134	15										50%						
231	36	39	-	134	15										50%						
232	36	39	-	134	15										50%						
233	36	39	-	134	15	037									50%			E.O. #037, TAPE MKTS			
234	37	40	-	135	16	038		WIND STRIP							60%			B.O. #038, 900 10sec ALONES			
235	37	40	-	135	16								5		50%			Vib #23652 BACK ON LINE			
236	37	40	-	135	16										50%						
237	37	40	-	135	16										50%						
238	37	40	-	135	16										50%						
239	37	40	-	135	16										50%						
240	37	40	-	135	16										50%						
241	37	40	-	135	16										50%						
242	37	40	-	135	16										50%						
SKIP	38	41	-	136	17										SKIP			Due to soft shoulder.			
243	39	42	-	137	18										50%						
244	39	42	-	137	18										50%						
245	39	42	-	137	18										50%						

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FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY Missed sweeps	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE					
246	39	42	-	137	18	038	48								5		30%	96					
247	39	42	-	137	18				1								30%						
248	39	42	-	137	18												30%						
249	39	42	-	137	18												30%						
250	39	42	-	137	18	038											30%						E.O.T #038, TAPE MKTS
251	40	43	-	138	19	039		WINDSTRIP									60%						B.O.T #039, 900 10sec ALL ONES.
252	40	43	-	138	19												30%						
253	40	43	-	138	19												30%						
254	40	43	-	138	19												30%						
255	40	43	-	138	19												30%						
256	40	43	-	138	19												30%						
257	40	43	-	138	19									4			30%						Vib #25874 Down,
258	40	43	-	138	19												30%						
259	40	43	-	138	19												30%						
SKIP	41	44	-	139	20												SKIP						Due to SOFT shoulder.
SKIP	42	45	-	140	21												SKIP						" " " "
SKIP	43	46	-	141	22												SKIP						" " " "
SKIP	44	47	-	142	23												SKIP						" " " "
260	45	48	-	143	24									5			50%						Vib #25874, BACK ON LINE.
261	45	48	-	143	24												50%						
262	45	48	-	143	24												50%						
263	45	48	-	143	24												50%						
264	45	48	-	143	24												50%						
265	45	48	-	143	24												50%						
266	45	48	-	143	24												50%						
267	45	48	-	143	24	039											50%						
SKIP	46	49	-	144	25	SKIP											SKIP						E.O.T #039, TAPE MKT
268	47	50	-	145	26	040		WINDSTRIP									60%						B.O.T #040, 900 10sec ALL ONES.
269	47	50	-	145	26												50%						
270	47	50	-	145	26												50%						
271	47	50	-	145	26												50%						
272	47	50	-	145	26												50%						



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 0834		LINE NO. 14		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Partly Cloudy		TRAIL CONDITIONS Shoulder		DATE MONTH 4 DAY 11 YEAR 84		CLIENT Cocorp		OB R. Patten		PM L. Davis	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY TAPE	MEMORY 255.55 or Sweets	SHOOTING				SUR. SOURCES		INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR						SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS					NO. SUMS	DRIVE	
299	64	67	-	162	43	041	48							5	8	80%	96	990					
300	64	67	-	162	43											50%							
301	64	67	-	162	43	041										50%			E.O.T #041, TAPE MKTS.				
SKIP	65	68	-	163	44	SKIP										SKIP			Due to House.				
302	66	69	-	164	45	042		WINDSKIP								60%			B.O.T #042, 900 10sec ALL ONES				
303	66	69	-	164	45											50%							
304	66	69	-	164	45											50%							
305	66	69	-	164	45											50%							
306	66	69	-	164	45											50%							
307	66	69	-	164	45											50%							
308	66	69	-	164	45											50%							
309	66	69	-	164	45											50%							
310	66	69	-	164	45											50%							
311	67	70	-	165	46											50%							
312	67	70	-	165	46											50%							
313	67	70	-	165	46											50%							
314	67	70	-	165	46											50%							
315	67	70	-	165	46											50%							
316	67	70	-	165	46											50%							
317	67	70	-	165	46											50%							
318	67	70	-	165	46	042										50%			E.O.T #042, TAPE MKTS.				
319	68	71	-	166	47	043		WINDSKIP								60%			B.O.T #043, 900 10sec ALL ONES.				
320	68	71	-	166	47											50%							
321	68	71	-	166	47											50%							
322	68	71	-	166	47											50%							
323	68	71	-	166	47											50%							
324	68	71	-	166	47											50%							
325	68	71	-	166	47											50%							
326	68	71	-	166	47											50%							
327	68	71	-	166	47											50%							
SKIP	69	72	-	167	48											SKIP			Due to House.				
SKIP	70	73	-	168	49											SKIP			" " "				

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Partly cloudy		TRAIL CONDITIONS Shoulder		DATE MONTH 4 DAY 11 YEAR 84		CLIENT Cocorp		OB R. Patten		PM L. Davis	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SMLS	DRIVE					
328	71	74	-	169	50	043	48								5	8	30%	96	990				
329	71	74	-	169	50												30%						
330	71	74	-	169	50												30%						
331	71	74	-	169	50												30%						
332	71	74	-	169	50												30%						
333	71	74	-	169	50												30%						
334	71	74	-	169	50												30%						
335	71	74	-	169	50	043											30%						E.O.T #043, TAPE MKTS
																		4:50					

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER clear	TRAIL CONDITIONS shoulder	DATE MONTH 4 DAY 12 YEAR 84	CLIENT Cocorp	OB R. Patten	PM L. Davis									
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY	SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR					SIZE	TOP	BOT.	NO CAPS	U. N.T.	N. UNITS	NO. SUMS	DRIVE				
933	pulse		1	6	sec		044	48								5	8	50%	126	990	Schley Co. GEORGIA
934/935	FINT		2	"	"																B.D.T #044, 900 10sec ALL ONES
936/939	DRD		4	"	"																5 Vib, 1st Vib - 44' Behind Flag
953/954	Sum Test		2	"	"																50' spacing, 41.25 move up, Dump
960/961	NRS Test		2	"	"																every sweep, 8 sweep, 16sec
932	Similarity		1	16	sec	236										5		30%	7.50		Arrive Field 7.25
336	windstrip		1	32	sec	21	Alias	62.5	4ms	sample	RATE.										sweep, 32sec Record. NO NOISE
337	72	75	-	170		21										5		50%	8.20		Reflect.
338	"	"		"		21												50%			Cables across HI-WAY AT 145+146
339	"	"		"		21												50%			
340	"	"		"		21												50%			
341	"	"		"		21												50%			
342	"	"		"		21												50%			
343	"	"		"		21												50%			
344	72	75	-	170		21												50%			
345	73	76	-	171		22												50%			
346	"	"		"		22												50%			
347	"	"		"		22												50%			
348	"	"		"		22												50%			
349	"	"		"		22												50%			
350	"	"		"		22												50%			
351	"	"		"		22												50%			
352	"	"		"		22	044											50%			
353	74	77	-	172		23	045	windstrip										60%			E.D.T #044, TAPE MKTS
354	"	"		"		23												50%			B.D.T #045, 900 10sec ALL ONES.
355	"	"		"		23												50%			
356	"	"		"		23												50%			
357	"	"		"		23												30%			Vibs WENT TO LOW DRIVE 30%.
358	"	"		"		23												30%			
359	"	"		"		23												30%			
360	"	"		"		23												30%			
361	"	"		"		23												30%			



## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)		C. D. P.	DIGITAL REEL NO.	GAIN	PARITY	SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS				
		TR	TR	TR	TR	POSITION	REEL NO.	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
394	78	81		176		27	047	48								5	8	30%	126	990	
395	78	81		176		27															
396	79	82	-	177		28															
397	"	"		"		28															
398	"	"		"		28															
399	"	"		"		28															
400	"	"		"		28															
401	"	"		"		28															
402	"	"		"		28															
403	"	"		"		28	047														
404	80	83	-	178		29	048														E.O.#047, TAPE MKTS.
405	"	"		178		29															
406	"	"		"		29															
407	"	"		"		29															
408	"	"		"		29															
409	"	"		"		29															
410	"	"		"		29															
411	"	"		"		29															
412	"	"		"		29															
413	81	84	-	179		30															
414	"	"		"		30															
415	"	"		"		30															
416	"	"		"		30															
417	"	"		"		30															
418	"	"		"		30															
419	"	"		"		30															
420	"	"		"		30															
421	82	85	-	180		31															
422	82	85	-	180		31															
423	82	85	-	180		31															
424	82	85	-	180		31	048														
SKIP	83	86	-	181		32	SKIP														

E.O.#047, TAPE MKTS.  
B.O.#048, 900/0sec. ALLOWANCES

ON STA#82, 4 sweep ONLY  
DUE TO WATER WELL!

E.O.#048, TAPE MKTS.  
DUE TO HOUSE.

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB.	PM	REMARKS								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY TAPE	MEMORY	SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR					SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
SKIP	84	87	-	182	33	SKIP	48		Sweeps								SKIP	126		990		Due to House.
425	85	88	-	183	34	049			windstrip								20%					B.O. #049, 900 10sec ALL ONES.
426	"	"		"	34												30%					
427	"	"		"	34				1								"					
428	"	"		"	34												"					
429	"	"		"	34												"					
430	"	"		"	34												"					
431	"	"		"	34												"					
432	"	"		"	34												"					
433	"	"		"	34	0											"					
434	86	89		184	35												30%					SATA #184 OPEN, Due to A Bridge
435	"	"		"	35												"					
436	"	"		"	35												"					
437	"	"		"	35												"					
438	"	"		"	35												"					
439	"	"		"	35												"					
440	"	"		"	35												"					
441	"	"		"	35	049											"					E.O. #049, TAPE MKTS
442	87	90		185	36	050			windstrip								60%					B.O. #050, 900 10sec ALL ONES.
443	"	"		"	36												30%					
444	"	"		"	36												"					
445	"	"		"	36												"					
446	"	"		"	36												"					
447	"	"		"	36												"					
448	"	"		"	36												"					
449	"	"		"	36												"					
450	"	"		"	36												"					
SKIP	88	91		186	37												SKIP					Due to No shoulder.
451	89	92		187	38												50%					Vibs ON Dirt Road, 50% Drive.
452	"	"		"	38												"					
453	"	"		"	38												"					
454	"	"		"	38												"					

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM	REMARKS					
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)		C.D.P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY TAPE	MEMORY	SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR						SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS				
455	89	92	-	187	38	050	48							5	8	50%	126	990	
456	"	"		"	38											"			
457	"	"		"	38											"			
458	"	"		"	38	050										"			E.O.T #050, TAPE MKTS.
459	90	93		188	39	051	WINDSTRIP									50%			B.O.T #051, 900 10sec ALL ONES.
460	"	"		"	39											50%			
461	"	"		"	39											"			
462	"	"		"	39											"			
463	"	"		"	39											"			
464	"	"		"	39											"			
465	"	"		"	39											"			
466	"	"		"	39											"			
467	"	"		"	39											"			
468	91	94		189	40											50%			
469	"	"		"	40											"			
470	"	"		"	40											"			
471	"	"		"	40											"			
472	"	"		"	40											"			
473	"	"		"	40											"			
474	"	"		"	40											"			
475	"	"		"	40	051										"			E.O.T #051, TAPE MKTS
476	92	95		190	41	052	WINDSTRIP									50%			B.O.T #052, 900 10sec ALL ONES.
477	"	"		"	41											50%			
478	"	"		"	41											"			
479	"	"		"	41											"			
480	"	"		"	41											"			
481	"	"		"	41											"			
482	"	"		"	41											"			
483	"	"		"	41											"			
484	"	"		"	41											"			
485	93	96		191	42											30%			
486	"	"		"	"											30%			

NOTE: Replaced A cable, Due to leakage.

## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY	SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SLMS	DRIVE			
487	93	96	-	191	42	052	48			Sweeps						5	8	30%	126	990	Vibs in low drive, 30%.
488	93	"		"	42														"		
489	"	"	"	"	42														"		
490	"	"		"	42														"		
491	"	"		"	42														"		
492	"	"		"	42	052													"		
493	94	97	-	192	43	053			Wind strip										60%		E.O.T #052, TAPE MKTS
494	94	97	-	192	43														30%		BOT #053 +900 10sec All ones.
495	94	97	-	192	43														"		
496	"	"		"	43														"		
497	"	"		"	43														"		
498	"	"		"	43														"		
499	"	"		"	43														"		
500	"	"		"	43														"		
501	"	"		"	43														"		
502	95	98	-	193	44														30%		
503	"	"		"	44														"		
504	"	"		"	44														"		
505	"	"		"	44														"		
506	"	"		"	44														"		
507	"	"		"	44														"		
508	"	"		"	44														"		
509	"	"		"	44	053													"		E.O.T #053, TAPE MKTS
510	96	99	-	194	45	054			WIND strip										60%		B.O.T #054, 900 10sec ALL ONES
511	"	"		"	45														30%		
512	"	"		"	45														"		
513	"	"		"	45														"		
514	"	"		"	45														"		
515	"	"		"	45														"		
516	"	"		"	45														"		
517	"	"		"	45														"		
518	"	"		"	45														"		



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14		LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Dirt Road	DATE MONTH 4 DAY 12 YEAR 84	CLIENT Cocorp	OB R. Patten	PM L. Davis								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY		SHOOTING				SUR. SOURCES			INST SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS				
551	100	103	-	198	3	056	48							5	8	30%	172	990			
552	"	"		"	"											"					
553	101	104	-	199	4											30%					
554	"	"		"	"											"					
555	"	"		"	"											"					
556	"	"		"	"											"					
557	"	"		"	"											"					
558	"	"		"	"											"					
559	"	"		"	"											"					
560	"	"		"	"	056										"			E.O.T#056, TAPE MKFS		
561	102	105	-	200	5	057		WINDSTRIP								60%			B.O.T#057, 900/10sec ALL ONE'S		
562	"	"		"	"											30%					
563	"	"		"	"											"					
564	"	"		"	"											"					
565	"	"		"	"											"					
566	"	"		"	"											"					
567	"	"		"	"											"					
568	"	"		"	"											"					
569	"	"		"	"											"					
570	103	106	-	201	6											30%					
571	103	"		"	"											"					
572	"	"		"	"											"					
573	"	"		"	"											"					
574	"	"		"	"											"					
575	"	"		"	"											"					
576	"	"		"	"											"					
577	"	"		"	"	057										"			E.O.T#057, TAPE MKFS		
SKIP	104	107	-	202	7	SKIP										SKIP			Due to House.		
578	105	108	-	203	8	058		WINDSTRIP								30%			B.O.T#058, 900/10sec ALL ONE'S		
579	"	"		"	"											"					
580	"	"		"	"											"					
581	"	"		"	"											"					





OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 4 DAY 12 YEAR 84		CLIENT COCORP		OB R. Patton		PM L. Davis		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE						
646	113	116	-	211	16	062	48								5	8	700	172	990	B.O. T #062, 900 10sec ALLOWES				
647	"	116	-	211	11																			
648	"	116	-	211	11																			
649	"	"	"	"	"																			
650	"	"	"	"	"																			
651	"	"	"	"	"																			
652	"	"	"	"	"																			
653	"	"	"	"	"																			
654	"	"	"	"	"																			
655	114	117	-	212	17																			
656	"	"	"	"	"																			
657	"	"	"	"	"																			
658	"	"	"	"	"																			
659	"	"	"	"	"																			
660	"	"	"	"	"																			
661	"	"	"	"	"																			
662	"	"	"	"	13	062																		
663	115	118	-	213	18	063																		
664	"	"	"	"	"																			
665	"	"	"	"	"																			
666	"	"	"	"	"																			
667	"	"	"	"	"																			
668	"	"	"	"	"																			
669	"	"	"	"	"																			
670	"	"	"	"	"																			
671	"	"	"	"	"																			
672	116	119	-	214	19																			
673	"	"	"	"	"																			
674	"	"	"	"	"																			
675	"	"	"	"	"																			
676	"	"	"	"	"																			
677	"	"	"	"	"																			

E.O. T #062, TAPE MKTS.  
B.O. T #063, 900 10sec ALLOWES



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14		LEAVE TOWN/CAMP.	ARRIVE TOWN/CAMP.	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Dirt Road	DATE MONTH 4 DAY 12 YEAR 84	CLIENT Cocorp	OB R. Patton	PM											
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN DAMPS OR "K"	PARITY TAPE	MEMORY	SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR					SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE							
710	120	123	-	218	23	065	48								5	8	30%	172		990				
711	120	"		"	"													"						
712	"	"		"	"													"						
713	"	"		"	"	065												"						
714	121	124		219	24	066		windstrip										60%						E.O.T # 065, TAPE MKTS.
715	121	124		219	24													30%						B.O.T # 066, 900 10sec ALLONES
716	"	"		"	"													"						
717	"	"		"	"													"						
718	"	"		"	"													"						
719	"	"		"	"													"						
720	"	"		"	"													"						
721	"	"		"	"													"						
722	"	"		"	"													"						
723	122	125		220	25													30%						
724	"	"		"	"													"						
725	"	"		"	"													"						
726	"	"		"	"													"						
727	"	"		"	"													"						
728	"	"		"	"													"						
729	"	"		"	"													"						
730	"	"		"	"	066												"						E.O.T # 066, TAPE MKTS.
731	123	126		221	26	067		windstrip										60%						B.O.T # 067, 900 10sec ALLONES.
732	"	"		"	"													30%						
733	"	"		"	"													"						
734	"	"		"	"													"						
735	"	"		"	"													"						
736	"	"		"	"													"						
737	"	"		"	"													"						
738	"	"		"	"													"						
739	"	"		"	"													"						
740	124	127		222	27													30%						
741	124	127		222	27													30%						

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "X"	PARITY TAPE	MEMORY	SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR					SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
742	124	127	-	222	27	067	48		Sweep's						5	8	30%	172	990		
743	"	"		"	"													"			
744	"	"		"	"													"			
745	"	"		"	"													"			
746	"	"		"	"													"			
747	"	"		"	"	067												"			
748	125	128	-	223	28	068			WINDSTRIP									60%			E.O.T #067, TAPE MKTS.
749	"	"		"	"													30%			B.O.T #068, 90010sec ALLOWES.
750	"	"		"	"													"			
751	"	"		"	"													"			
752	"	"		"	"													"			
753	"	"		"	"													"			
754	"	"		"	"													"			
755	"	"		"	"													"			
756	"	"		"	"													"			
757	126	129	-	224	29													30%			
758	"	"		"	"													"			
759	"	"		"	"													"			
760	"	"		"	"													"			
761	"	"		"	"													"			
762	"	"		"	"													"			
763	"	"		"	"													"			
764	"	"		"	"	068												"			
765	WINDSTRIP	128	-	224	-32sec				WINDSTRIP									60%			NOISE test, E.O.T #068, TAPE MKTS



CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM	REMARKS							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)			C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR				TR	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS				
792	130	133	-	228	3	070	48								5	8	30%	202	990		
793	"	"		"	"												"				
794	"	"		"	"												"				
795	"	"		"	"												"				
796	"	"		"	"												"				
797	"	"		"	"												"				
798	"	"		"	"												"				
799	"	"		"	"	070											"				E.O.T #070, TAPE MKTS.
800	131	134	-	229	4	071	w/ wastrip										30%				B.O.T #071, 900 10sec ALL ONES.
801	"	"		"	"												30%				
802	"	"		"	"												"				
803	"	"		"	"												"				
804	"	"		"	"												"				
805	"	"		"	"												"				
806	"	"		"	"												"				
807	"	"		"	"												"				
808	"	"		"	"												"				
809	132	135		230	5												30%				
810	"	"		"	"												"				
811	"	"		"	"												"				
812	"	"		"	"												"				
813	"	"		"	"												"				
814	"	"		"	"												"				
815	"	"		"	"												"				
816	"	"		"	"	071											"				
817	133	136		231	6	072	w/ wastrip										60%				E.O.T #071, TAPE MKTS.
818	"	"		"	"												30%				B.O.T #072, 900 10sec ALL ONES.
819	"	"		"	"												"				
820	"	"		"	"												"				
821	"	"		"	"												"				
822	"	"		"	"												"				
823	"	"		"	"												"				



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 4 DAY 13 YEAR 84		CLIENT COCORP		OB R. Patten		PM L. Davis		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE						
856	137	140	-	235	10	074	48							5	8	30%	202	990						
857	"	"	-	235	10																			
858	"	"	-	"	10																			
859	"	"	-	"	10																			
860	138	141	-	236	"																			
861	138	"		"	"																			
862	"	"		"	"																			
863	"	"		"	"																			
864	"	"		"	"																			
865	"	"		"	"																			
866	"	"		"	"																			
867	"	"		"	"	074																	E.O.T# 274 TAPE MKTS	
868	139	142	-	237	12	075	wind strip																B.O.T# 075, 90010sec ALL ONES.	
869	"	"		"	"																			
870	"	"		"	"																			
871	"	"		"	"																			
872	"	"		"	"																			
873	"	"		"	"																			
874	"	"		"	"																			
875	"	"		"	"																			
876	"	"		"	"																			
877	140	143	-	238	13																			
878	"	"		"	"																			
879	"	"		"	"																			
880	"	"		"	"																			
881	"	"		"	"																			
882	"	"		"	"																			
883	"	"		"	"																			
884	"	"		"	"	075																		E.O.T# 075 TAPE MKTS
SKIP	141	144	-	239	14	SKIP																		Due to a CHICKEN BARN.
SKIP	142	145	-	240	15	SKIP																		" " " "
885	143	146	-	241	16	076	wind strip																	B.O.T# 076, 90010sec ALL ONES.



## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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GEO-252-D		CREW NO. 6834	LINE NO. 14	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Diff Road	DATE MONTH 4 DAY 13 YEAR 84	CLIENT Cocorp	OB R. Patten	PM L. Davis										
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
017	148	151	-	246	21	077	48							5	8	30%	202	990					
018	"	"		"	"										"	"							
019	"	"		"	"	077									8	30%							E.O.T #077 TAPE MKTS.
020	149	152	-	247	22	078										60%							B.O.T #078, 900 10sec ALL ONES
021	"	"		"	"											30%							
022	"	"		"	"											"							
023	"	"		"	"											"							
024	"	"		"	"											"							
025	"	"		"	"											"							
026	"	"		"	"											"							
027	"	"		"	"											"							
028	"	"		"	"											"							
029	150	153		248	23											30%							
030	"	"		"	"											"							
031	"	"		"	"											"							
032	"	"		"	"											"							
033	"	"		"	"											"							
034	"	"		"	"											"							
035	"	"		"	"											"							
036	"	"		"	"	078										"							E.O.T #078 TAPE MKTS.
037	151	154		249	24	079										60%							B.O.T #079, 900 10sec ALL ONES
038	"	"		"	"											30%							
039	"	"		"	"											"							
040	"	"		"	"											"							
041	"	"		"	"											"							
042	"	"		"	"											"							
043	"	"		"	"											"							
044	"	"		"	"											"							
045	"	"		"	"											"							
046	152	155		250	25											30%							
047	"	"		"	"											"							
048	"	"		"	"											"							

## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY	SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR			RAMPS or "K"	TAPE	MEMORY 771/5120	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
049	152	153	-	250	25	079	48								5	8	30%	202		990	
050	"	"		"	"													"			
051	"	"		"	"													"			
052	"	"		"	"													"			
053	"	"		"	"	079												"			
SKIP	153	156		251	26	SKIP												SKIP			
054	154	157		252	27	080		Windstrip										60%			
055	"	"		"	"													30%			
056	"	"		"	"													"			
057	"	"		"	"													"			
058	"	"		"	"													"			
059	"	"		"	"													"			
060	"	"		"	"													"			
061	"	"		"	"													"			
062	"	"		"	"													"			
063	155	158		253	28													30%			
064	"	"		"	"													"			
065	"	"		"	"													"			
066	"	"		"	"													"			
067	"	"		"	"													"			
068	"	"		"	"													"			
069	"	"		"	"													"			
070	"	"		"	"	080												"			
071	156	159	-	254	29	081		Windstrip										60%			
072	"	"		"	"													30%			
073	"	"		"	"													"			
074	"	"		"	"													"			
075	"	"		"	"													"			
076	"	"		"	"													"			
077	"	"		"	"													"			
078	"	"		"	"													"			
079	"	"		"	"													"			

E.O.T\*079, TAPE MKTS.  
Due to House.  
B.O.T\*080, 900/10sec. 7411 ONES.

E.O.T\*080, TAPE MKTS  
B.O.T\*081, 900/10sec. 7411 ONES.

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 4 DAY 13 YEAR 84		CLIENT Cocorp		OB R. Patton		PM L. Davis	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY TAPE/SWEEP	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE					
SKIP	157	160	-	255	30	081	48								5	8	SKIP 202	990			Due to Houses.		
SKIP	158	161	-	256	31												SKIP				"	"	"
SKIP	159	162	-	257	32												SKIP				"	"	"
080	160	163	-	258	33												30%						
081	160	163	-	258	33												"						
082	"	"		"	"												"						
083	"	"		"	"												"						
084	"	"		"	"												"						
085	"	"		"	"												"						
086	"	"		"	"												"						
087	"	"		"	"	081											"						E.O.T #081, TAPE MIXTS
088	161	164	-	259	34	082											60%						B.O.T #082, 900 10 sec. ALL ONES.
089	"	"		"	"												30%						
090	"	"		"	"												"						
091	"	"		"	"												"						
092	"	"		"	"												"						
093	"	"		"	"												"						
094	"	"		"	"												"						
095	"	"		"	"												"						
096	"	"		"	"												"						
097	162	165	-	260	35												30%						
098	"	"		"	"												"						
099	"	"		"	"												"						
100	"	"		"	"												"						
101	"	"		"	"												"						
102	"	"		"	"												"						
103	"	"		"	"												"						
104	"	"		"	"	082											"						E.O.T #082, TAPE MIXTS
105	163	166	-	261	36	083											60%						B.O.T #083, 900 10 sec. ALL ONES.
106	"	"		"	"												30%						
107	"	"		"	"												"						
108	"	"		"	"												"						



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 4 DAY 13 YEAR 84		CLIENT COCOPP		OB R. Patten		PM L. Davis			
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY	SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS				
		TR	TR	TR	TR					TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS					NO. SUMS	DRIVE		
137	170	173	-	268	43	084	48								5	8	30%	202					990		
138	"	"		"	"	084											30%							E.O. + #084 TAPE MKTS	
139	171	174	-	269	44	085		WINDSTRIP									60%							B.O. + #085, 900 10sec. ALLOWES	
140	"	"		"	"												30%								
141	"	"		"	"												"								
142	"	"		"	"												"								
143	"	"		"	"												"								
144	"	"		"	"												"								
145	"	"		"	"												"								
146	"	"		"	"												"								
147	"	"		"	"												"								
148	172	175	-	270	45												30%								
149	"	"		"	"												"								
150	"	"		"	"												"								
151	"	"		"	"												"								
152	"	"		"	"												"								
153	"	"		"	"												"								
154	"	"		"	"												"								
155	"	"		"	"	085											"								
156	173	176	-	271	46	086		WINDSTRIP									60%								E.O. + #085, TAPE MKTS B.O. + #086, 900 10sec. ALLOWES
157	"	"		"	"												30%								
158	"	"		"	"												"								
159	"	"		"	"												"								
160	"	"		"	"												"								
161	"	"		"	"												"								
162	"	"		"	"												"								
163	"	"		"	"												"								
164	"	"		"	"												"								
165	174	177	-	272	47												30%								
166	"	"		"	"												"								
167	"	"		"	"												"								
168	"	"		"	"												"								

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 4 DAY 13 YEAR 84		CLIENT COCORP		OB R. Patten		PM L. Davis			
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RANGES or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE							
169	174	177	-	272	47	086	48							5	8	30%	202	990							
170	"	"		"	"																				
171	"	"		"	"																				
172	"	"		"	"	086																		ED T#086, TAPE MKTS.	
173	175	178	-	273	48	087																		BD T#087, 900/0sec ALL ONES	
174	"	"		"	"																				30%
175	"	"		"	"																				
176	"	"		"	"																				
177	"	"		"	"																				
178	"	"		"	"																				
179	"	"		"	"																				
180	"	"		"	"																				
181	"	"		"	"																				
182	176	179	-	274	49																				
183	176	179	-	274	"																				
184	"	"		"	"																				
185	"	"		"	"																				
186	"	"		"	"																				
187	"	"		"	"																				
188	"	"		"	"																				
189	"	"		"	"	087																			E.O. T#087, TAPE MKTS.



## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM						
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)			C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY TAPE	MEMORY	SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR					SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE			
216	180	183	-	278	4	089	48							5	8	30%	251	990	
217	"	"		"	"											"			
218	"	"		"	"											"			
219	"	"		"	"											"			
220	"	"		"	"											"			
221	"	"		"	"											"			
222	"	"		"	"											"			
223	"	"		"	"	089										30%			EDT # 089 TAPE MKS.
224	181	184	-	279	5	090	WINDSTREP							5		100%			BOT # 090, 900 10SEC ALL ONES.
225	"	"		"	"											30%			
226	"	"		"	"											"			
227	"	"		"	"											"			
228	"	"		"	"											"			
229	"	"		"	"											"			
230	"	"		"	"											"			
231	"	"		"	"											"			
232	"	"		"	"											"			
233	182	185	-	280	6											30%			
234	"	"		"	"											"			
235	"	"		"	"											"			
236	"	"		"	"											"			
237	"	"		"	"											"			
238	"	"		"	"											"			
239	"	"		"	"											"			
240	"	"		"	"	090										"			EDT # 090, TAPE MKS.
241	183	186	-	281	7	091	WINDSTREP									100%			BOT # 091 900 10SEC ALL ONES.
242	"	"		"	"											30%			
243	"	"		"	"											"			
244	"	"		"	"											"			
245	"	"		"	"											"			
246	"	"		"	"											"			
247	"	"		"	"											"			

## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM									
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY TAPE	MEMORY	SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR					SIZE	TOP	BOT.	NO CAPS	U. N.T.	N. UNITS	NO. SUMS	DRIVE					
248	183	186	-	281	7	091	48									5	8	30%	251		990	
249	"	"		"	"													"				
SKIP	184	187	-	282	8																	SKIP DUE TO BRIDGE
250	185	188		283	9													30%				DOING LAST HALF OF STATION 185
251	"	"		"	"													"				
252	"	"		"	"													"				
253	"	"		"	"													"				
254	"	"		"	"													"				
255	"	"		"	"													"				
256	"	"		"	"													"				
257	"	"		"	"	091												"				EOT # 091, TAPE MKS
258	186	189	-	284	10	092	WINDSTRIP											60%				Bot # 092, 900 10SEC ALL ONES
259	"	"		"	"													30%				
260	"	"		"	"													"				
261	"	"		"	"													"				
262	"	"		"	"													"				
263	"	"		"	"													"				
264	"	"		"	"													"				
265	"	"		"	"													"				
266	"	"		"	"													"				
267	187	190	-	285	11													30%				
268	"	"		"	"													"				
269	"	"		"	"													"				
270	"	"		"	"													"				
271	"	"		"	"													"				
272	"	"		"	"													"				
273	"	"		"	"													"				
274	"	"		"	"	092												"				EOT # 092, TAPE MKS
275	188	191	-	286	12	093	WINDSTRIP											60%				Bot # 093, 900 10SEC ALL ONES
276	"	"		"	"													30%				
277	"	"		"	"													"				
278	"	"		"	"													"				

## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM									
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS OR "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
279	188	191	-	286	12	093	48			SWEEP						5	8	30%	251		990	
280	"	"		"	"													"				
281	"	"		"	"													"				
282	"	"		"	"					1								"				
283	"	"		"	"													"				
284	189	192	-	287	13													30%				
285	"	"		"	"													"				
286	"	"		"	"													"				
287	"	"		"	"													"				
288	"	"		"	"													"				
289	"	"		"	"													"				
290	"	"		"	"													"				
291	"	"		"	"	093												"				
292	190	193	-	288	14	094	WIND STOP											60%				
293	"	"		"	"													30%				
294	"	"		"	"													"				
295	"	"		"	"													"				
296	"	"		"	"													"				
297	"	"		"	"													"				
298	"	"		"	"													"				
299	"	"		"	"													"				
300	"	"		"	"					1								"				
301	191	194	-	289	15										5			30%				
302	"	"		"	"													"				
303	"	"		"	"													"				
304	"	"		"	"													"				
305	"	"		"	"													"				
306	"	"		"	"													"				
307	"	"		"	"													"				
308	"	"		"	"	094												"				
309	192	195	-	290	16	095	WIND STOP											60%				
310	"	"		"	"													30%				

EDT # 093, TAPE MARKS  
BOT # 094 900 10SEC ALL ONES

EDT # 094, TAPE MARKS  
BOT # 095 900 10SEC ALL ONES

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14	LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME	WEATHER CLEAR WINDY	TRAIL CONDITIONS		DATE MONTH 4 DAY 14 YEAR 84	CLIENT COCORP	OP R. PATTON	PM L. DAVIS				
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY	TAPE	MEMORY	SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR							SIZE	TOP	BOT.	NO CAPS	U.H.T.				
311	192	195	-	290	16	095	18						5	8	30%	251	990			
312	"	"		"	"										"					
313	"	"		"	"										"					
314	"	"		"	"										"					
315	"	"		"	"										"					
316	"	"		"	"										"					
317	"	"		"	"										"					
318	193	196	-	291	17										30%					
319	"	"		"	"										"					
320	"	"		"	"										"					
321	"	"		"	"										"					
322	"	"		"	"										"					
323	"	"		"	"										"					
324	"	"		"	"										"					
325	"	"		"	"	095									"			EDT #095, TAPE MARKS		
326	194	197	-	292	18	096	WINDSTREP								60%			BOT #096, 900 NUSEC ALLOWES		
327	"	"		"	"										30%					
328	"	"		"	"										"					
329	"	"		"	"										"					
330	"	"		"	"										"					
331	"	"		"	"										"					
332	"	"		"	"										"					
333	"	"		"	"										"					
334	"	"		"	"										"					
335	195	198	-	293	19										30%					
336	"	"		"	"										"					
337	"	"		"	"										"					
338	"	"		"	"										"					
339	"	"		"	"										"					
340	"	"		"	"										"					
341	"	"		"	"										"					
342	"	"		"	"	096									"			EDT #096, TAPE MARKS		



CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM									
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P.	DIGITAL REEL NO.	GAIN	PARITY	SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR	POSITION		RAMPS OR "K"	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE				
375	199	202	-	297	23	098	48									5	8	30%	251		990	
376	"	"		"	"	098												"				EDT # 098, TAPE MARKS
377	200	203	-	298	24	099		WINDSTRIP										60DB				BOT # 099, 900 10SEC ALL ONES
378	"	"		"	"													30%				
379	"	"		"	"													"				
380	"	"		"	"													"				
381	"	"		"	"													"				
382	"	"		"	"													"				
383	"	"		"	"													"				
384	"	"		"	"													"				
385	"	"		"	"													"				
386	201	204	-	299	25													30%				
387	"	"		"	"													"				
388	"	"		"	"													"				
389	"	"		"	"													"				
390	"	"		"	"													"				
391	"	"		"	"													"				
392	"	"		"	"													"				
393	"	"		"	"	099												"				EDT # 099, TAPE MARKS
394	202	205	-	300	26	100		WINDSTRIP										60DB				BOT # 100, 900 10SEC ALL ONES
395	"	"		"	"													30%				
396	"	"		"	"													"				
397	"	"		"	"													"				
398	"	"		"	"													"				
399	"	"		"	"													"				
400	"	"		"	"													"				
401	"	"		"	"													"				
402	"	"		"	"													"				
403	203	206	-	301	27													30%				
404	"	"		"	"													"				
405	"	"		"	"													"				
406	"	"		"	"													"				

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM											
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN FANPS OF "K"	PARITY TAPE	MEMORY	SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR					SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE							
407	203	206	-	301	27	100	48								5	8	30%	251				990		
408	"	"		"	"												"							
409	"	"		"	"												"							
410	"	"		"	"	100											"							
411	204	207	-	302	28	101	WINDSTRIP										60DB							EOI # 100, TAPE MARKS BOT # 101, 900 10SEC ALL ONES.
412	"	"		"	"												30%							
413	"	"		"	"												"							
414	"	"		"	"												"							
415	"	"		"	"												"							
416	"	"		"	"												"							
417	"	"		"	"												"							
418	"	"		"	"												"							
419	"	"		"	"												"							
420	205	208	-	303	29										5		30%							
421	"	"		"	"												"							
422	"	"		"	"												"							
423	"	"		"	"												"							
424	"	"		"	"												"							
425	"	"		"	"												"							
426	"	"		"	"												"							
427	"	"		"	"	101											"							
428	206	209	-	304	30	102	WINDSTRIP										60DB							EOI # 101, TAPE MARKS BOT # 102, 900 10SEC ALL ONES
429	"	"		"	"										5		30%							
430	"	"		"	"												"							
431	"	"		"	"												"							
432	"	"		"	"												"							
433	"	"		"	"												"							
434	"	"		"	"												"							
435	"	"		"	"												"							
436	"	"		"	"												"							
437	207	210	-	305	31												30%							DOING FIRST HALF OF STATION 207
438	"	"		"	"												"							

## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY	SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR			TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.N.T.	N. UNITS	NO. SUMS	DRIVE			
439	207	210	-	305	31	102	48		SKIPPED						5	8	30%	251	990	
440	"	"		"	"												"			
441	"	"		"	"												"			
442	"	"		"	"												"			
443	"	"		"	"												"			
444	"	"		"	"	102											"			EOT #102, TAPE MARKS
SKIP	208	211	-	306	32												SKIP			SKIP DUE TO HOUSE
445	209	212		307	33	103	WINDSTOP										6028			LAST HALF OF 209, Bot #103 900 NO SEC
446	"	"		"	"										5		30%			ALL ONES
447	"	"		"	"												"			
448	"	"		"	"												"			
449	"	"		"	"												"			
450	"	"		"	"												"			
451	"	"		"	"												"			
452	"	"		"	"												"			
453	"	"		"	"												"			
SKIP	210	213	-	308	34												SKIP			SKIP DUE TO HOUSES
SKIP	211	214	-	309	35												SKIP			" " " "
SKIP	212	215	-	310	36												SKIP			" " " "
454	213	216	-	311	37												30%			LAST HALF OF 213
455	"	"		"	"												"			
456	"	"		"	"												"			
457	"	"		"	"												"			
458	"	"		"	"												"			
459	"	"		"	"												"			
460	"	"		"	"												"			
461	"	"		"	"	103											"			EOT #103, TAPE MARKS
SKIP	214	217	-	312	38	SKIP											SKIP			
462	215	218	-	313	39	104	WINDSTOP								5		6028			Bot #104 900 NO SEC. ALL ONES
463	"	"		"	"												30%			LAST HALF OF 215.
464	"	"		"	"												"			
465	"	"		"	"												"			

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIRT ROAD		DATE MONTH 4 DAY 14 YEAR 64		CLIENT COCORP		OP. R. PATTEN		PM L. DAVIS	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)			C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS				
		TR	TR	TR				TAPE	MEMORY USED	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS					NO. SUMS	DRIVE		
466	215	218	-	313	39	104	48							5	8	30%	251	990					
467	"	"		"	"											"							
468	"	"		"	"											"							
469	"	"		"	"											"							
470	"	"		"	"	104										"							
SKIP	216	219	-	314	40	SKIP										SKIP							DUE TO HOUSE
471	217	220	-	315	41	104										30%							LAST HALF OF 217
472	"	"		"	"											"							
473	"	"		"	"											"							
474	"	"		"	"											"							
475	"	"		"	"											"							
476	"	"		"	"											"							
477	"	"		"	"											"							
478	"	"		"	"	104										"							EOT # 104, TAPE MARKS.
479	218	221	-	316	42	105	WINDSTRIP									600B							BOX # 105, 900 10 SEC ALL ONES
480	"	"		"	"									5		30%							
481	"	"		"	"											"							
482	"	"		"	"											"							
483	"	"		"	"											"							
484	"	"		"	"											"							
485	"	"		"	"											"							
486	"	"		"	"											"							
487	"	"		"	"											"							
488	219	222	-	317	43											30%							
489	"	"		"	"											"							
490	"	"		"	"											"							
491	"	"		"	"											"							
492	"	"		"	"											"							
493	"	"		"	"											"							
494	"	"		"	"											"							
495	"	"		"	"	105										"							EOT # 105, TAPE MARKS
496	220	223	-	318	44	106	WIND STRIP									600B							BOX # 106, 900 10 SEC ALL ONES



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS <sup>Shoulder</sup> <del>Trail Road</del>		DATE MONTH 4 DAY 14 YEAR 84		CLIENT COCORP		OB R. PATTON		PM L. DAVES		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS OR "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY RECORDED	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE						
527	225	228	-	323	49	107	48									5	8	30%	251	990				
528	"	"	-	"	"													"						
529	"	"	-	"	"	107												"					LOT # 107, TAPE MKS.	
SKIP	226	229	-	324		SKIP												SKIP					Hwy INTERSECTION	
SKIP	227	230	-	325		SKIP												SKIP					NARROW SHOULDER	
530	228	231	-	326	43	108		WINDSTRIP										60%	261	990			BOT # 108. 900 10 SEC. ALL ONES	
531	228	231	-	326	43													30%					STA 326 OPEN DUE TO BRIDGE	
532	229	232	-	327	44													30%					* GOING BACK TO DUMPING EVERY 8 SWEEPS	
SKIP	230	233	-	328		SKIP												SKIP					BEGINNING W/ STA 228. * FILE 531	
533	231	234	-	327	46													30%					DOING LAST HALF OF 229 DUE TO SOFT SHOULDER	
SKIP	232	235	-	330	47	SKIP										5		SKIP					TRAIL AT FRONT OF LINE. SKIPPING 229. FILE 531	
SKIP	233	236	-	331	48	SKIP												SKIP					STA 230 SKIP DUE TO NARROW SHOULDER	
534	234	237	-	332	49													4.	30%				LAST HALF STA 231. STACKING LAST 2 SWEEPS	
SKIP	235	238	-	333	50	SKIP																	STA. 232 + 233 SKIP DUE TO NARROW SHOULDER	
SKIP	236	239	-	334		SKIP																	LAST HALF 234. STACKING 4 SWEEPS.	
																								STA 235 SKIP DUE TO SOFT SHOULDER
																								STA 236 SKIP. STEEP GRADE.
																								END OF DAY 4:00

## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

PAGE 1 OF 3 PAGES

CREW NO. 6834		LINE NO. 14	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Shoulder	DATE MONTH 4 DAY 15 YEAR 84	CLIENT Cocope	OB R. Patton	PM P. Davis						
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP or "K"	PARITY	SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR					SIZE	TOP	BOT.	NO CAPS	U. N. T.				
933	Pulse		1	-	6	sec	108	48							306	990	MACON Co. Georgia.	
934/935	EINT		2	-	"	"											STA * 326 open Due to Bridge -	
936/937	DRD		4	-	"	"											5 Vib's 1st Vib starts 44' Behind Flag	
953/954	Sum TEST		2	-	"	"							ARRIVE FIELD	7:45			50' spacing, 41.25' move up. 16 sec Sweep	
960/961	NRJ TEST		2	-	"	"											8 sweeps 32 sec Record	
932	Similarity		1	-	16	sec	236								5	308	8:30	
535	wind strip		1	-	32	sec	6		4ms Sample Rate	Alais	62.5				600h			
SKIP	237	240	-	335		6											From 237 - 239 Due to narrow shoulder.	
536	240	243	-	338		9		1				5	8	308	9:40		Vibs on LEFT side of Road.	
537	241	244	-	339		10								308			Train on front of line.	
538	242	245	-	340		11		1						308				
SKIP	243	246	-	341		12								SKIP			Due to House.	
SKIP	244	247	-	342		13								SKIP			" " "	
SKIP	245	248	-	343		14								SKIP			Due to NO shoulder.	
539	246	249	-	344		15		1						308			Vibs Back on Right side of Road.	
SKIP	247	250	-	345		16								SKIP			Due to House.	
540	248	251	-	346		17		1						308			stacked last half	
SKIP	249	252	-	347		18								SKIP			Due to NO shoulder	
541	250	253	-	348		19		1						308			stacked last half	
SKIP	251	254	-	349		20								SKIP			Due to NO shoulder.	
542	252	255	-	350		21								308			stacked last half.	
SKIP	253	256	-	351		22								SKIP			Due to SOFT shoulder	
543	254	257	-	352		23		1						308				
544	255	258	-	353		24		1						308				
545	256	259	-	354		25								308			Stacked 1st half	
546	257	260	-	355		26	108		Vibs moved to LEFT side of Road.					308			stacked last half. EOT * 108 Tape MTS	
547	258	261	-	356		27	109		wind strip					600h			BOT * 109 * 900 10 sec All ones.	
548	258	261	-	356		27								308				
549	259	262	-	357		28								308			Stacked last half Vib's Back on Right side	
550	260	263	-	358		29								308			of Road.	
551	261	264	-	359		30		1						308				
552	262	265	-	360		31								308			Stacked 1st half	

## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE 14		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Shoulder		DATE MONTH 4 DAY 15 YEAR 84		CLIENT COCORP		OB. R. Patton		PM L. Dallis		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE						
SKIP	263	266	-	361	32	109	48									SKIP	306	990					SKIP Due TO House	
SKIP	264	267	-	362	33											SKIP							Due TO SOFT Shoulder	
553	265	268	-	363	34									5	8	308								
554	266	269	-	364	35											308							Stacked 1st half.	
SKIP	267	270	-	365	36											SKIP	From 267-270						Due TO houses.	
555	271	274	-	369	40											308							Stacked Last half	
556	272	275	-	370	41										4	308							4 sweeps ONLY 1st half.	
SKIP	273	276	-	371	42											SKIP							Due TO houses	
SKIP	274	277	-	372	43											SKIP							" " "	
557	275	278	-	373	44											308							Stacked last half	
558	276	279	-	374	45											308								
SKIP	277	280	-	375	46											SKIP							Due to houses	
SKIP	278	281	-	376	47											SKIP							" " "	
SKIP	279	282	-	377	48											SKIP							" " "	
559	280	283	-	378	49											308							Vibs Now ON Dist Road.	
560	281	284	-	379	16											308	340						Moved Recorder TO 340-341	
561	282	285	-	380	17											308								
562	283	286	-	381	18											308								
563	284	287	-	382	19											308								
564	285	288	-	383	20											308							STA* 383+384 open Due TO River.	
565	286	289	-	384	21											308								
566	287	290	-	385	22	109										308							Foot # 109 Tape MKK.	
567	288	291	-	386	23	110			windstrip							600							BOT # 110 *900 10sec All ones.	
568	288	291	-	386	23											308								
569	289	292	-	387	24											308								
570	290	293	-	388	25											308							wind picking up Blowing 12 to 14-	
571	291	294	-	389	26											308							MPH.	
572	292	295	-	390	27											308								
573	293	296	-	391	28											308								
574	294	297	-	392	29											308								
SKIP	295	298	-	393	30											SKIP								Due TO house
575	296	299	-	394	31											308								Stacked Last half.

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 14		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Partly Cloudy		TRAIL CONDITIONS Dirt Road		DATE MONTH 4 DAY 15 YEAR 84		CLIENT Cocorp		OB R. Patten		PM L. Davis			
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE							
576	297	300	-	395	32	110	48								5	8	30%	340							
577	298	301	-	396	33												30%								
578	299	302	-	397	34												30%								
579	300	303	-	398	35												30%								
580	301	304	-	399	36				1								30%								
SKIP	302	305	-	400	37												SKIP								Due to Houses
SKIP	303	306	-	401	38												SKIP								" " "
SKIP	304	307	-	402	39												SKIP								" " "
581	305	308	-	403	40												30%								
582	306	309	-	404	41												30%				4:00				

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB.	PM						
6834	14	7:00				Clear	Dirt Road	4	16	84	Cocorp	R. Patton	L. Davis						
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)		C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY	SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR			RAMPS or "K"	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE			
933	Pulse	1	6	sec	110	48		sweeps									381	990	MACON + TAYLOR CO. Georgia.
934/935	EINT	2	"	"															STA * 326 open due to Bridge.
936/939	DRD	4	"	"															STA * 383 + 384 open due to River.
953/954	Sum Test	2	"	"															5 Vib 1st Vib starts 44' Behind Flag
960/961	NRT Test	2	"	"															ARRIVE Field 7:45
932	Similarity	1	16	sec	236	110								5		308	8:20		50' spacing, 41.25 move ups. 16 sec sweep
583	Wind strip	1	32	sec	111			4 ms sample Rate								600b			8 sweeps, 32 sec Record. Alais 31.25
584	307	310	-	405	1									5	8	308	9:20		EOT * 110 Tape mKts
585	308	311	-	406	2											308			BOT * 111 * 900 10 sec All ones.
586	309	312	-	407	3											308			Highway 90 AT 340 1/2.
587	310	313	-	408	4											308			Replaced Bad Cable.
588	311	314	-	409	5			1								308			
589	312	315	-	410	6											308			
SKIP	313	316	-	411	7											SKIP			Due to house
590	314	317	-	412	8											308			Stacked last half.
591	315	318	-	413	9											308			
592	316	319	-	414	10											308			
593	317	320	-	415	11											308			STA * 415 open due to Drive way.
594	318	321	-	416	12											308			Wind Blowing 10 MPH.
595	319	322	-	417	13											308			
596	320	323	-	418	14											308			
597	321	324	-	419	15											308			AT 326 Vib had to go Round to
598	322	325	-	420	16											308			TON Bridge, 90 Round took 40 min.
599	323	326	-	421	17			1								308			
600	324	327	-	422	18			1								308			
601	325	328	-	423	19	111										308	11:45		EOT * 111 Tape mKts.
602	326	329	-	424	20	112		Wind strip								600b			BOT * 112 * 900 10 sec All ones
603	326	329	-	424	20											308	12:25		Stacked last half.
604	327	330	-	425	21			1								308			STA * 425 open due to Drive way.
SKIP	328	331	-	426	22											SKIP			Due to house.
SKIP	329	332	-	427	23											SKIP			" " "
605	330	333	-	428	24											308			Stacked last half

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM												
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY		SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS					
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE							
6834	14																								
606	331	334	-	429	25	112	48			1						5	8	302	381		990				
607	332	335	-	430	26					1								302							
608	333	336	-	431	27													4	302						Stacked 1st half 4 sweeps only.
SKIP	334	337	-	432	28														SKIP						
609	335	338	-	433	29					1									302						stacked last half
610	336	339	-	434	30														302						stacked 1st half,
SKIP	337	340	-	435	31														SKIP						Due to house
SKIP	338	341	-	436	32														SKIP						" " "
611	339	342	-	437	33														302						stacked last half,
612	340	343	-	438	34														302						stacked 1st half,
613	341	344	-	439	35														302						stacked last half,
614	342	345	-	440	36														302						
615	343	346	-	441	37														302						Replaced Bad Cable,
616	344	347	-	442	38														302						
617	345	348	-	443	39					1									302						
618	346	349	-	444	40														302						
619	347	350	-	445	41														302						Train on back of line,
620	348	351	-	446	42														302						
621	349	352	-	447	43														302						
622	350	353	-	448	44	112				1									302						EOT # 112 Tape mts.
623	351	354	-	449	45	113				wind strip									602h						BOT # 113 *900 10sec All ones,
624	351	354	-	449	45														302						wind picking up Blowing 10 TO
625	352	355	-	450	46														302						12 mph with Gust TO 18 mph.
626	353	356	-	451	47														302						
627	354	357	-	452	48														302						
628	355	358	-	453	49														302						Train on back of line,
629	356	359	-	454	16														302	415					moved Recorder TO 415-416
630	357	360	-	455	17														302						
631	358	361	-	456	18														302						
632	359	362	-	457	19														302		4:15				wind getting TO High with
																									Gust TO 22 mph.

## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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CREW NO. 6834		LINE NO. 14	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Partly Cloudy, Dist Road	TRAIL CONDITIONS	DATE MONTH 4 DAY 17 YEAR 84	CLIENT COCORP	OB R. Patton	PM L. Davis												
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP or "H"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE						
933	pulse		1	-	6	sec	113	48												415	990	Taylor Co. Georgia		
934/935	EINT		2	-	"	"																STA # 383 + 384 open due to River.		
936/939	DRD		4	-	"	"																STA # 415 + 425 open due to Drive ways		
953/954	sum test		2	-	"	"																5 Vib 1st vib starts 44' Behind Flag		
960/961	NRJ test		2	-	"	"																ARRIVE FIELD 7:50		
932	similarity		1	-	16	sec	235							4	30%					8:20		50' spacing, 41.25' move ups, 16 sec success		
633	wind strip		1	-	32	sec	20															4 ms Sample Rate Alais 62.5		
634	360	363	-	458		20								4	8	30%				8:45		4 Vib 1st vib starts 69' Behind Flag		
635	361	364	-	459		21										30%								
636	362	365	-	460		22										30%								
637	363	366	-	461		23										30%								
638	364	367	-	462		24										30%								
639	365	368	-	463		25	113									30%								
640	366	369	-	464		26	114	wind strip								60%						EOT # 113 Tape MLTs.		
641	366	369	-	464		26										30%						BOT # 114 * 900 10 sec All ones		
642	367	370	-	465		27										30%								
643	368	371	-	466		28										30%								
644	369	372	-	467		29										30%								
645	370	373	-	468		30										30%								
646	371	374	-	469		31										30%								
SKIP	372	375	-	470		32										SKIP							Due to house	
SKIP	373	376	-	471		33										SKIP							" " "	
647	374	377	-	472		34										30%							Stacked Last half.	
648	375	378	-	473		35										30%								
649	376	379	-	474		36										30%								
650	377	380	-	475		37										30%								
651	378	381	-	476		38										30%								
SKIP	382		385	476		38										SKIP								Due to High way.
652	386	381	383	389	476	38										30%								Vibs slow shaking through spread will
653	390	381	387	393	476	38										30%								vibrate every 4th station, will kill
654	394	381	391	397	476	38										30%								3 stations Each side of Vib, CDP
655	398	381	395	401	476	38										30%								will NOT move, Remain the same.
																								Stacked 1st Half.

