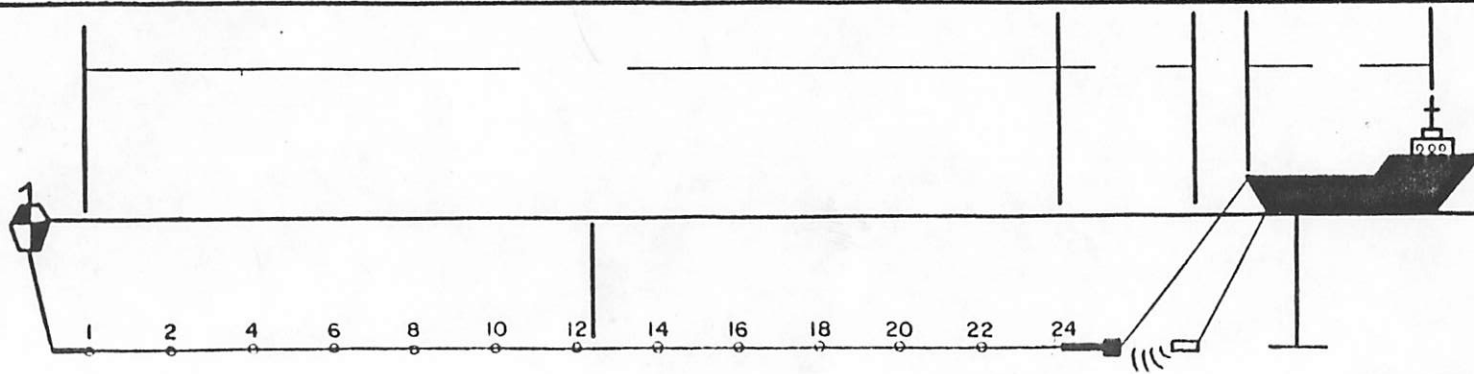


CRUISE FM 31	LINE 5C 80
START TIME 9:01:41.375 SHOT# 21 START LAT. 27 02.39 START LONG. 93 48.59 1-7-86	END TIME 01:32:53:589 SHOT# 2853 ENDING LAT. 26 01.88 262 ENDING LONG. 94 26.87 1-8-86
SOURCE Air Gun (2) SOURCE DEPTH 30 ft	SOURCE CAPACITY 1800 lb/in <sup>3</sup> (Total capacity 4000 /in <sup>3</sup> )
NO. OF TRACES 24 NEAR TRACE Channel 24	GROUP INTERVAL 30.5 FAR TRACE Channel 15
INSTRUMENT FILTERS: LOW 8 HIGH 62 NOTCH —	GAIN MODE SLOPE 36 dB SLOPE 36 dB SLOPE 36 dB
DATA LENGTH MIN. 12 sec MAX. NOMINAL FOLD 8 NOMINAL Speed 4.2 kt	SAMPLE RATE 4 ms rep rate 21 sec
REMARKS	



REEL NUMBER	TIME	SHOT #	RECORD #	REC LEN	REP. RATE	FLD	1	STREAMER DPTH				WATER DEPTH	REMARKS	OB init.
								2	3	4	5			
310001	9:01:41.37	21	21	12	21	8	50	30	40	35	25	52	START OF TAPE	M N
310001	9:41:20	138	0138	12	21	8	51	30	42	35	28	54	Midtape	M N
310001	10:23:56.359	256	256*	12	21	8	50	30	40	37	26	53	END TAPE	
310002	10:23:56.359	256	264*	12	21	8	50	30	40	37	26	53	START	
310002	11:10:56.580	0390	0391*	12	21	8	72	48	63	50	37	68	Midtape	L D
310002	11:...												Err on shot on 233	
310002	11:44:45.570	493	493	12	21	8	46	25	38	29	26	50	End tape	
310002	11:45:50.358	493	493	12	21	8	46	25	38	29	26	52	Start Tape	
310003	12:28:11.340	613	613	12	21	8	48	27	37	33	26	53	Midtape	M
310003	13:12:10	733	733	12	21	8	72	48	59	47	34	61	End Tape	M
310004	13:14:18	734	734	12	21	8	69	46	59	48	37	56	Start tape	
310004	13:54:55	859	859	12	21	8	43	22	33	36	25	50	MidTape	
310004	14:39:32	989	989	12	21	8	40	20	30	35	24	50	END TAPE	
310005	14:39:49	989	989	12	21	8	40	20	30	35	24	50	START TAPE	
310005	16:06:48	1234	1234	12	21	8	66	43	57	43	33	60	END TAPE	
310006	16:06:48	1235	1235	12	21	8	66	43	57	43	33	60	START TAPE	
310006	16:52:35	1365	1365	12	21	8	68	46	60	47	35	61	MID TAPE	

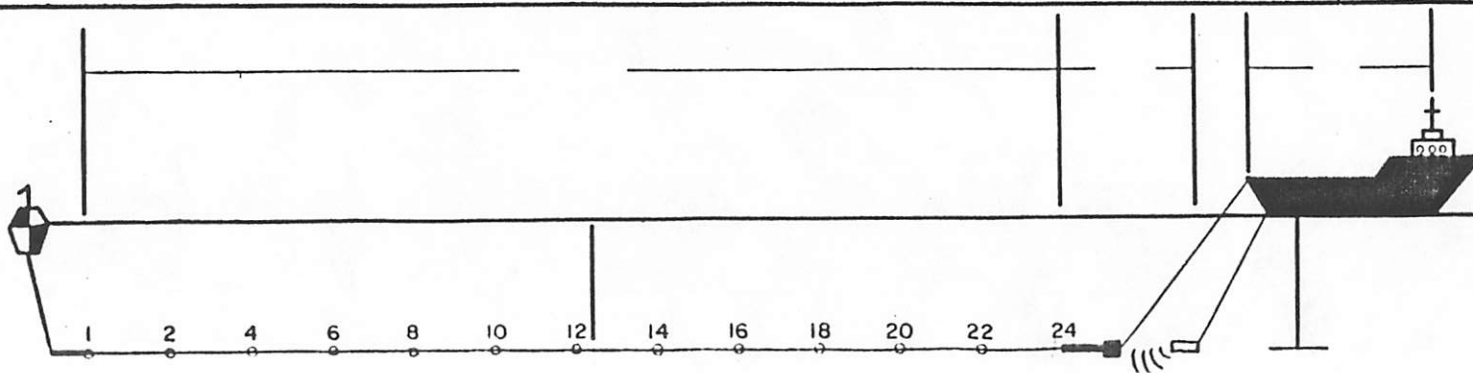
\* Shot record #  
Jumping around

CRUISE FM 31 LINE 5680PROJECT smPDATE 1/7/86 - 1/8/86

REEL NUMBER	TIME	SHOT #	RECORD #	REC LEN	REP. RATE	FLD		STREAMER DPTH				WATER DEPTH	REMARKS	OB init.
310006	17:33:57	1484	1484	12	21	8	65	41	54	46	33	59	End Tape	
310007	17:33:57	1485	1485	12	21	8	65	41	54	46	33	59	Start Tape	
310007	18:17:43	1609	1609	12	21	8	65	40	52	46	32	59	Mid tape	MN
310007	19:01:30	1735	1735	12	21	8	61	42	55	46	33	61	END reel	
310008	19:01:30	1735	1735	12	21	8	61	42	55	46	33	61	START reel	
310008	19:41:45	1849	1849	12	21	8	72	50	65	53	36	61	Mid reel	
310008	20:29:04	1984	1984	12	21	8	56	35	48	45	31	56	END reel	
310009	20:29:04	1985	1985	12	21	8	56	35	48	45	31	56	Start Tape	LC
310009	21:12:30	2109	2109	12	21	8	63	39	51	43	31	60	Mid Tape	
310009	21:56:18	2234	2234	12	21	8	58	35	48	43	31	57	End Tape	
310010	21:56:18	2235	2235	12	21	8	58	35	48	43	31	57	Start Tape	
310010	22:39:54	2359	2359	12	21	8	64	40	52	43	30	57	Mid Tape	
310010	23:23:45	2483	2483	12	21	8	77	52	68	55	36	61	End Tape	
310011	23:23:45	2484	2484	12	21	8	77	52	68	55	36	61	Start Tape	
310011 00	09:36:580	2615	2615	12	21	8	61	38	50	45	34	59	Mid tape	
310011 00	51:32:580	2735	2735	12	21	8	60	34	50	45	31	59	End Tape	
310012	00:51:32:580	2736	2736	12	21	8	60	34	50	45	31	59	Start Tape	
310012	01:32:53580	2853	2847	12	21	8	66	43	58	48	35	61	Last shot of line	

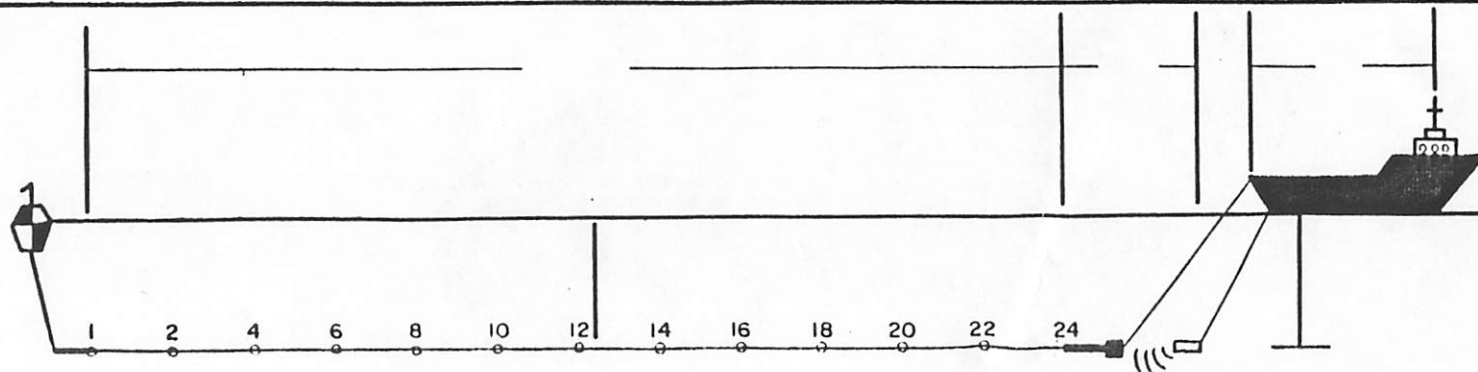
1-8-86

CRUISE <u>FM 31</u>	LINE <u>SC 81</u>
START TIME <u>07 07 033.629</u> SHOT# <u>3</u> START LAT. <u>26 01.20 N</u> START LONG. <u>94 59.90 W</u> <u>1-12-86</u>	END TIME <u>9:01:13.6</u> SHOT# <u>313</u> ENDING LAT. <u>28.08.95</u> ENDING LONG. <u>94 59.42</u> <u>1-12-86</u>
SOURCE <u>Air gun (2)</u> SOURCE DEPTH <u>30 ft</u>	SOURCE CAPACITY <u>1800 lb / in<sup>3</sup></u> <u>(Total capacity - 4000 lb / in<sup>3</sup>)</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>Channel 24</u>	GROUP INTERVAL <u>30.5</u> FAR TRACE <u>Channel 1</u>
INSTRUMENT FILTERS: LOW <u>8</u> HIGH <u>62</u> NOTCH <u>—</u>	GAIN MODE SLOPE <u>36dB</u> SLOPE <u>36dB</u> SLOPE <u>36dB</u>
DATA LENGTH MIN. <u>12 sec</u> MAX. NOMINAL FOLD <u>8</u>	SAMPLE RATE <u>4 ms</u>
<u>Nominal speed 4.2 knots rep rate 22 sec.</u>	
REMARKS	



[illegible]

CRUISE <u>FM 31</u>	LINE <u>SC 82</u>
START TIME <u>9:01:13.6</u> <sup>SHOT #314</sup> START LAT. <u>28 08.90</u> START LONG. <u>94.59.37</u> <u>1-12-86</u>	END TIME <u>19:05:29.6</u> <sup>SHOT 1961</sup> ENDING LAT. <u>26 08.99N</u> ENDING LONG. <u>94 12.77W</u> <u>1-12-86</u>
SOURCE <u>Twin Air guns.</u> SOURCE DEPTH <u>30 ft</u>	SOURCE CAPACITY <u>4000 in<sup>3</sup></u>
NO. OF TRACES NEAR TRACE <u>Channel 24</u>	GROUP INTERVAL <u>30.5</u> FAR TRACE <u>Channel 1</u>
INSTRUMENT FILTERS: LOW <u>8</u> HIGH <u>62</u> NOTCH <u>—</u>	GAIN MODE SLOPE <u>36 dB</u> SLOPE <u>36 dB</u> SLOPE <u>36 dB</u>
DATA LENGTH MIN. <u>15 s</u> , MAX. <u>4 ms</u> NOMINAL FOLD <u>8</u> NOMINAL Speed <u>4.2 knots</u> ; rep rate <u>22 s</u>	
REMARKS	



CRUISE FM 31 LINE SC 82 PROJECT

DATE 1-12-86

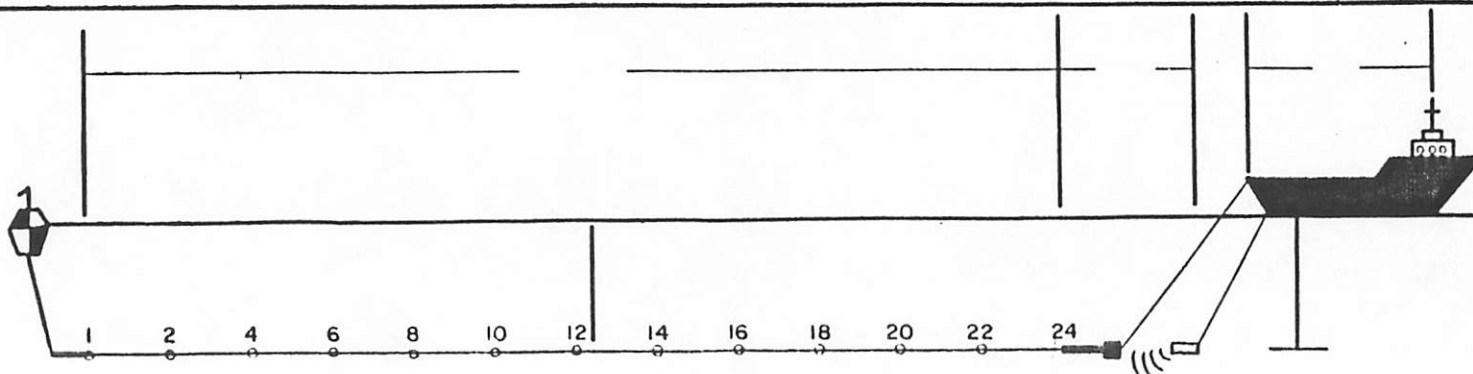
REEL NUMBER	TIME	SHOT #	RECORD #	REC LEN	REP. RATE	FLD	STREAMER DPTH					WATER DEPTH	REMARKS	OB init.
							1	2	3	4	5			
310014	9 01:13.6	313	313	15	22	8							New line sc 82	ym
310014	9 07:26.6	330	330	15	22	8	62	42	52	45	31	60		
310014	09 26:30.6	382	382	15	22	8	69	49	59	50	35	60	MID REEL	
310015	09 57:40.68	467											New REEL	
310015	09 59:30.6	472	472	15	22	8	68	46	59	53	36	60		
310015	10 36 47	572	572	15	22	8	73	50	63	53	37	62	MID REEL	
310015	11 09 11.6	662	662	15	22	8	75	54	63	51	36	61	END TAPE	
310016	11 09 11.6	662	662	15	22	8	75	54	63	51	36	61	NEW TAPE	
310016	11 34 56.63	787	787	15	22	8	71	52	61	49	39	61	MID TAPE	
310016	12 22 53.599	862	862	15	22	8	69	51	65	55	38	61	END TAPE	
310016	12 22 53.599	862	862	15	22	8		5	5	55	38	61	NEW TAPE	
310017	13 04:41	976	976	15	22	8	65	48	62	53	38	61	Mid Tape	
310017	13:32:11	1051	1051	15	22	8	62	45	60	54	36	61	End Tape	
<del>310017</del>	<del>13:32:11</del>	<del>1053</del>	<del>1043</del>										<del>End Tape</del>	
310016	13:32:11	1052	1052	15	22	8	62	45	60	54	36	61	New Tape	
310016	14:20:	1179	1179	15	22	8	62	43	52	47	33	58	Mid Tape	
310016	14 41.56	1242	1242	15	22	8	61	41	50	46	32	57	End Tape	

DATE 1-12-86

[illegible]



CRUISE <u>FM 31</u> <u>shot # 1966</u>	LINE <u>SC 83</u>
START TIME <u>19:07:19.6</u> <u>1/12/86</u> START LAT. <u>26 09.03</u> START LONG. <u>94 12.68</u>	END TIME <u>1/12/86 22 49.53</u> <u>SHOT # 2572</u> ENDING LAT. <u>26 00.42</u> ENDING LONG. <u>94 23.66</u> <u>1-12-86</u>
SOURCE <u>one air gun (sometimes two)</u> SOURCE DEPTH <u>30 ft</u>	SOURCE CAPACITY <u>4000 in<sup>3</sup></u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>channel 24</u>	GROUP INTERVAL <u>30.5</u> FAR TRACE <u>channel 1</u>
INSTRUMENT FILTERS: LOW <u>8</u> HIGH <u>62</u> NOTCH <u>-</u>	GAIN MODE SLOPE <u>36 dB</u> SLOPE <u>36 dB</u> SLOPE <u>36 dB</u>
DATA LENGTH MIN. <u>12 sec</u> MAX. <u>15 sec</u> SAMPLE RATE <u>4 ms</u> NOMINAL FOLD <u>8</u> <u>speed 3.6 Kts, rep rate 22 sec</u>	
REMARKS	



## UT-INSTITUTE FOR GEOPHYSICS DFS LOG

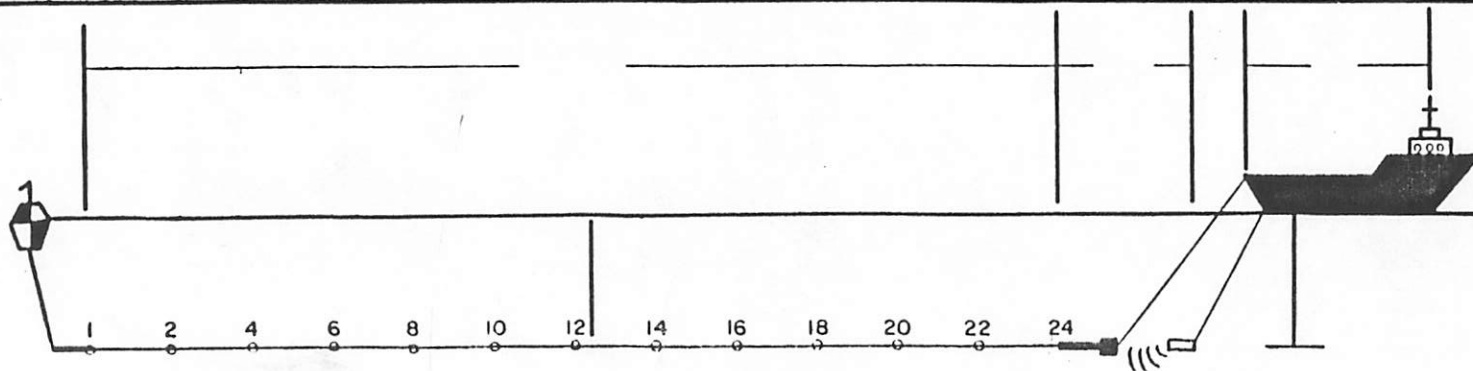
CRUISE FM31 LINE 5C83 PROJECT

PAGE 2 of 2  
DATE 1/12/86

REEL NUMBER	TIME	SHOT #	RECORD #	REC LEN	REP. RATE	FLD	1	STREAMER DPTH				WATER DEPTH	REMARKS	OB init.
								2	3	4	5			
310023	19:07:19	1966	1966	15	22	8	50	30	40	40	24	50	Start new tape	
310023	19:28:34	2023	2023	15	22	8	50	30	40	30	24	50	Tape ERROR	
310023	19:38:20	2050	2050	15	22	8	53	32	42	33	25	55	Both guns are firing	
310023	19:45:28	2068	2068	15	22	8							INTERNAL TIME BREAK	
310023	19:46:04	2070	2070	15	22	8							INTERNAL TIME BREAK	
310023	19:47:21	2074	2074	15	22	8							TAPE ERROR	
310023	19:52:43	2089	2089	15	22	8	53	32	45	35	29	54	MID TAPE	
310023	20:01:51	2114	2114	15	22	8							TAPE ERROR	
310023	20:30:27	2192	2192	15	22	8	63	43	56	43	32	57	END OF TAPE	
310024	20:30:33	2193	2193	15	22	8	63	43	56	43	32	57	Start new tape	
310024	21:06:12	2290	2290	15	22	8	50	30	35	40	25	50	MID TAPE	
310024	21:40:05	2382	2382	15	22	8	53	32	44	43	27	53	END OF TAPE	
310025	21:40:28	2383	2383	15	22	8	52	32	44	43	27	53	Start new tape	
310025	22:16:00	2478	2478	15	22	8	51	30	40	40	28	53	Mid tape	
310025	22:49:56	2573	2573	15	22	8	56	36	47	35	28	57	End tape	
310026	22:49:56	2574	2574	12	22	8	56	36	47	35	28	57	Start new tape	
310026	23:24:21	2667	2667	12	22	8	56	37	45	44	30	54	Mid tape	

New  
line 5C84

CRUISE <u>FM31</u>	LINE <u>SC84</u>
START TIME <u>22 50:14 49' 53.5"</u> <sup>SHOT# 2573</sup>	END TIME <u>12 53:14 52' 51.5"</u> <sup>SHOT# 4872</sup>
START LAT. <u>26 00 44</u>	ENDING LAT. <u>26 30.11 N</u>
START LONG. <u>94 23 67</u> <u>1-12-86</u>	ENDING LONG. <u>93 53 42 W</u> <u>1-13-86</u>
SOURCE <u>TWO BOLT AIR GUNS</u>	SOURCE CAPACITY
SOURCE DEPTH <u>10M</u>	<u>2-2000m<sup>3</sup></u>
NO. OF TRACES <u>24</u>	GROUP INTERVAL <u>30.5</u>
NEAR TRACE <u>24</u>	FAR TRACE <u>1</u>
INSTRUMENT FILTERS: LOW <u>8</u> HIGH <u>62</u> NOTCH <u>—</u>	GAIN MODE SLOPE <u>36 dB</u> SLOPE <u>36 dB</u> SLOPE <u>36 dB</u>
DATA LENGTH MIN. <u>8</u>	MAX. <u>12s</u> SAMPLE RATE <u>4 MILL</u>
NOMINAL FOLD <u>8</u> NOMINAL speed of <u>4.2 kt</u>	
REMARKS	



REEL NUMBER	TIME	SHOT #	RECORD #	REC LEN	REP RATE	FLD		STREAMER DPTH					WATER DEPTH	REMARKS	OB init.
								1	2	3	4	5			
31 0026	22 17	2826	2826	12	22	8	56	35	42	31	26	53		End tape	
310027	22 17	2826	2826	12	22	8	56	35	42	31	26	53		Start of tape	
310027	01:07:00	2947	2947	12	22	8	55	35	43	34	28	53		Mid tape	
310027	01:52:50	3072	3072	12	22	8	57	35	43	37	29	52		End tape	
310030	01:52:50	3084	3084	12	22	8	57	35	43	37	29	52		Start new tape	
310030	02:43:04	3209	3209	12	22	8	53	34	42	40	28	53		Mid Tape	
310030	03:24:01	3320	3320	12	22	8	51	30	37	33	28	52		End Tape	
310031	03:24:02	3320	3320	12	22	8	51	30	37	33	28	52		Start Tape	
310031	04:09:39	3445	3445	12	22	8	51	34	44	40	27	52		Mid Tape	
310031	04:50:36	3556	3556	12	22	8	51	35	44	43	29	54		End Tape	
310032	04:50:38	3556	3556	12	22	8	51	35	44	43	29	54		Start New Tape	
310032	04:57:16			12	22	8								Tape Error missed shot	
310032	05:34:40	3675	3675	12	22	8	55	36	44	35	30	54		Mid-Tape	
310032	6:17:26	3793	3793	12	22	8								End Tape	
310033	6:17:26	3793	3793	12	22	8	55	35	45	41	27	53		New Tape	
310033	7:04:00	3915	3915	12	22	8	50	32	42	40	27	51		Mid-Tape	
310033	7:49:00	4043	4043	12	22	8	49	29	40	37	26	52		End Tape	

LOST SHOTS @ REEL CHANGE TAPE  
TAPES MOVING

[illegible]