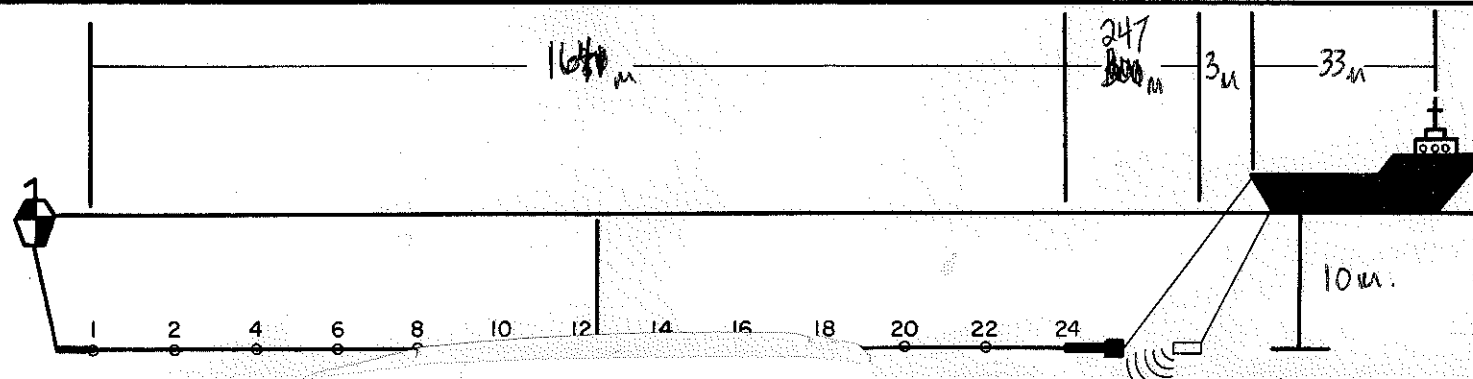


CRUISE	FMØ7-2	LINE	CS-38
START TIME	1123 Z 19 FEB 81.	END TIME	0505 Z 20 Feb 81
START LAT.	+27° 56.44' N	ENDING LAT.	27° 02.70 N
START LONG.	-093 10.68' W	ENDING LONG.	92 07.76 W
SOURCE	3 BOLT AIR GUNS	SOURCE CAPACITY	4500 in ³ .
SOURCE DEPTH	10 m.		
NO. OF TRACES	24	GROUP INTERVAL	70 m.
NEAR TRACE	200m 247 m.	FAR TRACE	1000m 1885
INSTRUMENT FILTERS:	LOW B HIGH 62 <u>NOTCH</u>	GAIN MODE	IFP
	LOW CUT ANN PULS.	SLOPE	18 dB/oct
		SLOPE	72 dB/oct.
		SLOPE	
DATA LENGTH	MIN. 8	SAMPLE RATE	4 ms.
NOMINAL FOLD	24.		
REMARKS	16 S REPETITION RATE - NOTE 4 GUNS ON LINE WITHIN LINE -		



CRUISE				LINE		AREA-PROJECT										DATE								
FM 07-2				CS-38		LA-TX SLOPES										19 FEB 81								
TIME	REEL	SH. PT	RECORD NO.	STRMER DEPTH						GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES			CONTINUITY OR LEAKAGE	REMARKS	OB INIT	
				1	2	3	4	5	6	INIT	RATE	FINL						33	37	41				
0319	0720003	0001	0001	48	53	56	35	44	-				8	24	16	65	33	37	41			FIRST PPEL - FIRST SHOT		
0744		55	67																			TIME SHOT		
1753		93	135																			"		
325	0720003	151	227																					
341	0720004	152	230										8	24	16							LAST - S		
552		198	306	51	54	56	35	48									35	-	-	33			FIRST SHOT -	
1216		297	451																				T SHOT - GUNS ERRATIC	
408	0720004	304	460																				T SHOT	
424	0720005	305	461										8	24	16								LAST	
528		309	465	51	53	56	35	49															PPEL -	
814		357	545													110	37	31	-	36			TS GUNS ERRATIC	
525		384	578																				T.S.	
846		434	662																				gun down shot 371 1302Z (ck shot)	
216		447	677														37	42	-	-			(2 guns working shot 380) (ck shot)	
607	0720005	454	706																					
523	0720006	455	707																					
751		468	724																					
127		519	1007																				TS	
342		565	1065																				TS	
527	0720006	608	1140														31	32	-	37			T.S Guns erratic	
44	0720007	609																					Last shot	
		629																					072007 bad tape	
115	0720008	641	1146																				missed 27 shots - 67	
330		684	1221																				first shot	
314																							ck shot	

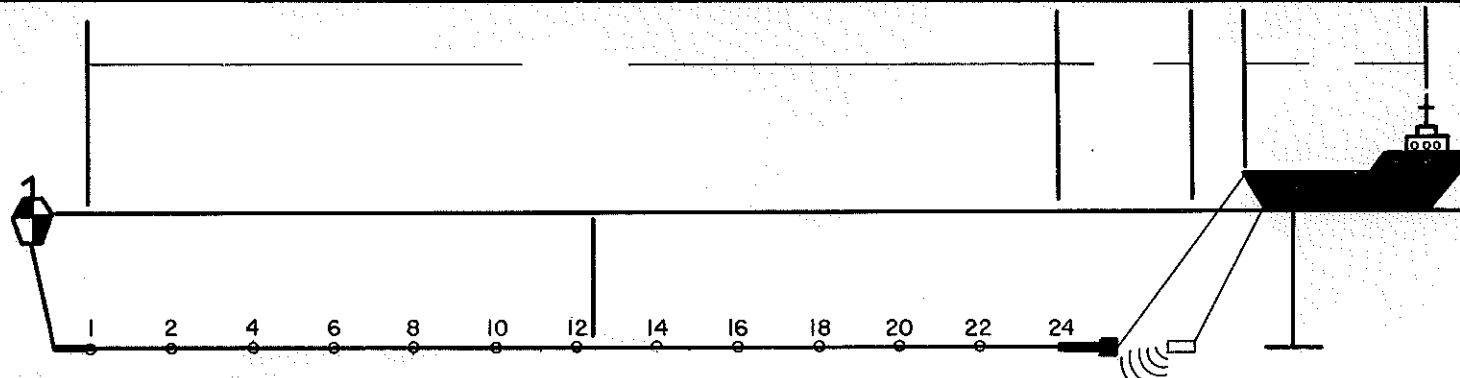
CRUISE				LINE				AREA-PROJECT												DATE														
FM 07-2				CS-38				TX-LA SLOPES												19 Feb 81														
TIME				REEL				SH. PT		RECORD NO.						STRMER		DEPTH		GAIN (db)		TRIP	REC.	FLD	REP.	WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
0	1	4	3	4	1	5	0	7	2	0	0	8	7	1	7	1	2	6	2	50	55	57	35	55										
1	4	5	3	4	8																													
2	4	5	4	0	4	0	7	2	0	0	9	7	9	1																				
1	5	1	0	0	0																													
2	1	5	2	0	1	7																												
1	5	2	1	1	5																													
3	1	5	3	2	0	5																												
1	5						0	7	2	0	1	1	0																					
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CRUISE				LINE		AREA-PROJECT										DATE																	
FM07-2				CS-38		TX-LA SLOPES										19 Feb 81																	
TIME				REEL		SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP		REC.		REP.		WATER		REL FIRE		CONTINUITY		REMARKS		OB					
1 2 3 4				5 6 7 8 9		10 11 12 13 14		15 16 17 18 19 20		1 2 3 4 5 6		INIT RATE FINL		DEL.		LGTH		FLD		RATE		DPH (Fm)		TIMES		OR LEAKAGE							
181556				072013		1549		2734		4952553544		IFP		8		24		16										last shot					
181611				072014		1550		2735														31		23		34		First shot					
181631						1606		3025														29		21		34		CR shot					
181644						1655		3102														28		40		34		1650 practice 1653, 1657, 1660, 1661, 1663, 1662 miss CR					
181646				072014		1701		3164																				CR shot					
181656				072015		1702		3145		4852553445												292 fms		30		35		38		First shot			
191174						1710		3303																37		39		38		CR shot			
191385						1852		3413																				last shot					
191317				072016		1853		3414		4853												37		42		36		First shot > BAD TAPES THREAD					
191319						1852		3414																				missed shots 1853-1890					
194704				072017		1892		3420		4952553445												38		45		37		First shot					
200331						1952		3516														39		40		39		CR shot					
200338						1954																											
201134						1996		3564														39		40		38		CR shot. 1664 error 3600					
202840				072018		2046		3654																				last shot					
202858				072018		2047		3655		5053553546												40		40		41		40		First shot.			
205016						2127		3775														520 fms		40		38		39		40		4 guns brought up. 1st record + 2080	
211136						2202		4115																				last shot					
211153				072019		2208		4116																				First shot					
211208						2214		4212		5054563560												42		38		39		41		CR shot CR 2040 port			
211514						2301		4347																				last shot					
211525				072020		2362		4350														42		41		41		42		First shot			
220440						2406		4424		5055563862												39		37		38		42		CR shot			
221728						2454		4503																				CR shot.					
223224						2510		4574																				last shot.					

CRUISE				LINE				AREA-PROJECT												DATE																													
FM07-2				CS-38				TX-LA SLOPE S												19 Feb 81																													
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB			
1 2 3 4				1 5 7 8 9 1				1 2 3 4 5 6				1 2 3 4 5 6				INIT RATE FINL				DEL.		LGTH				RATE																INI							
0223240				072021				2511				4575				5158594060				1FP						8		24		16		540		41353748								First shot							
0224752								2568				4666																														ck shot							
0230544								2635				4771				5256564260																40365145										ck shot							
0231330								2664				5026																														Last shot							
0231346				072022				2665				5027				5358574261														600		41385341												First shot					
0232752								2718				5113																														ck shot 2240 c/o 150'							
0234008								2764				5172				5055563658																40404039										ck shot							
0235537								2822				5264																														Last shot							
0235553				072023				2823				5265				5256563557														620		40423938												First shot					
0024009								2929				5437																														ck shot 0220/812							
003152								2958				5474				5055573760																39393839										ck shot 0033 c/o 135 3/4 min							
003536								2972				5512																												Last shot									
0085512				072024				2973				5513				5759614261														618		39383940												First shot					
005312								3038				5614																														ck shot							
0010736								3092				5702				5855563758																40403937										ck shot							
0017625								3125				5743																														Last shot							
0011641				072025				3126				5744				5059553653														708		40363838												First shot					
0013432								3193				6047																														ck shot							
0014152								3243				6131				5053553449																37353938										ck shot							
0015642								3276				6172																														Last shot							
0015658				072026				3277				6173				5051553551														37353331										First shot									
0021208								3334				6264																												ck shot									
0022649								3389				6353																																2 guns down 02212					
0023918								3435				6431																																4 guns working 02252 last shot					

[illegible]

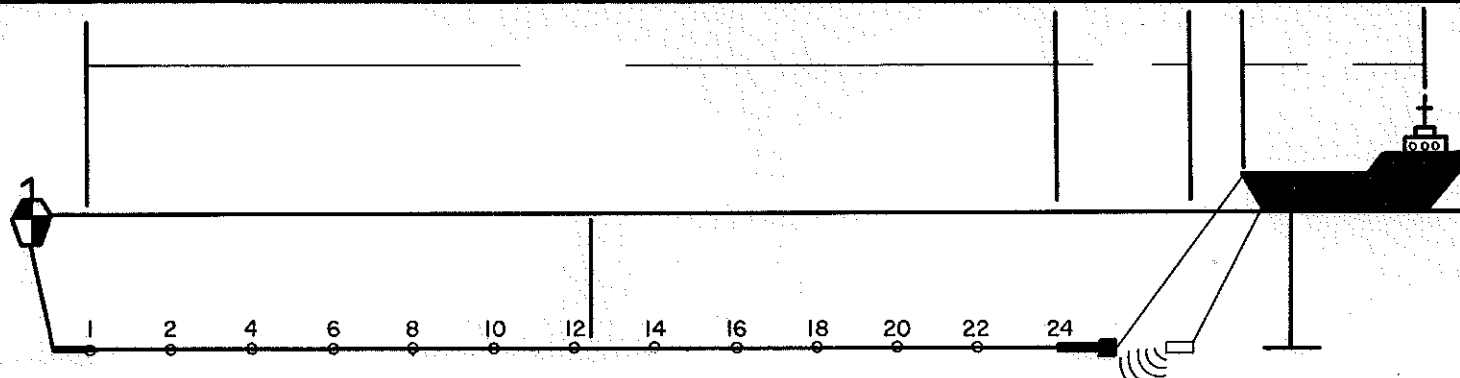
CRUISE FM 07-2	LINE CS-37
START TIME 0730Z 20 Feb 81 START LAT. 27 04.87 N START LONG. -92 05.37 W	END TIME 1625Z 20 Feb 81 ENDING LAT. 27 26.50 N ENDING LONG. -91 12.69 W
SOURCE 4 Bolt Air guns SOURCE DEPTH 10m	SOURCE CAPACITY 500 psi @.
NO. OF TRACES 24 NEAR TRACE	GROUP INTERVAL 70 m FAR TRACE
INSTRUMENT FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH	GAIN MODE IFP SLOPE 18 db/oct SLOPE 72 db/oct SLOPE
DATA LENGTH MIN. 8 MAX. NOMINAL FOLD 12	SAMPLE RATE 4 ms
REMARKS 23 sec rep rate	



CRUISE				LINE				AREA-PROJECT										DATE																							
FM 07-2				CS-37				TX-LA SLOPES										20 FEB 81																							
TIME				REEL				SH. PT		RECORD NO.		STRMER DEPTH				GAIN (db)		TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE		REMARKS				OB INIT			
1 2 3 4				5 6 7 8 9				10 11 12 13 14		15 16 17 18 19 20		21 22 23 24 25 26				27 28 29 30 31 32		33 34 35 36 37 38		39 40 41 42 43 44		45 46 47 48 49 50		51 52 53 54 55 56		57 58 59 60		61 62 63 64 65 66		67 68 69 70 71 72		73 74 75 76 77 78		79 80 81 82 83 84		85 86 87 88 89 90		91 92 93 94 95 96		97 98 99 100	
0730134				072032				0001		0777		4850563644				— JFP —				8		12		23		780		29 29 30 31						Shooting 12 Fdd data 3rd to 6 knots 4000 air guns 23 sec rep rate				121			
0757101								010710		0105																		29 29 30 30						ok shot							
0828130								01153		0231																								last - shot + rep. may be off by 1-2?							
0828150				072033				01154		0232																		29 30 29 29						first shot " " "							
0857135								02218		0343		48505735139																29 34 30 30						ok shot correct							
0928115								0308		0463																								last shot							
0928141				072034				0309		0464						— JFP —				8		12		23				29 30 30 30						first shot							
0952101								0370		0561		4850562536																27 30 28 -						3 guns from ~ 0930 time tomorrow							
1022142								0450		0701																								Timed shot.							
1028155				072034				0466		0721																															
102918				072035				0467		0722		5050583536				— JFP —				8		12		23		-															
11042113								0501		0764																								T.S.							
110159218								0546		11041																		29 29 30 -						Timed shot.							
111215019								06113		1144																															
111219140				072035				0625		1160																															
111301018				072036				0626		1161		4848562030				— JFP —				8		12		23		-		28 31 39 -													
111501005								0678		1124		5050583535																29 31 31						Timed -							
112110100								0730		1133																															
11211115								0775		1140																															
112130120				072036				0783		1141																															
112130142				072037				0784		1141						— JFP —				8		12		23		750															
112142112								0814		1145		4850583430																29 35 33													
113112016								0892		1167																		29 33 33													
11321858								0936		1164																															

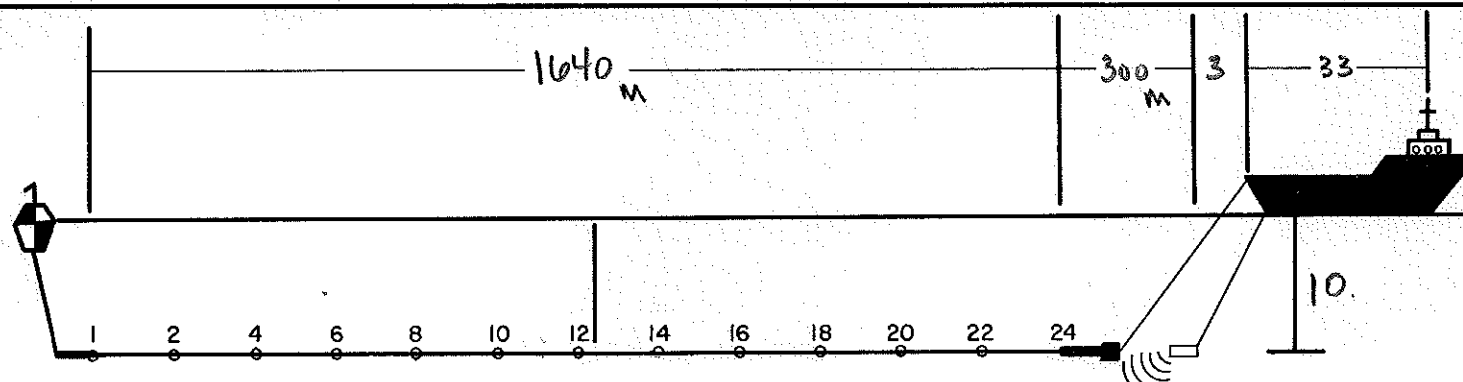
2236

CRUISE <u>FM 07-2</u>	LINE <u>CS-36</u>
START TIME <u>1625Z 20 Feb 81</u> START LAT. <u>27 26.50 N</u> START LONG. <u>- 91 12.69 W</u>	END TIME <u>2330Z 20 Feb 81</u> ENDING LAT. <u>26 53.00 N</u> ENDING LONG. <u>91 12.90 W</u>
SOURCE <u>3 BOLT AIR GUNS</u> SOURCE DEPTH <u>10 m</u>	SOURCE CAPACITY <u>4500 cu in</u>
NO. OF TRACES <u>24</u> NEAR TRACE	GROUP INTERVAL <u>70 m</u> FAR TRACE
INSTRUMENT FILTERS: <u>LOW 8 Hz</u> <u>HIGH 62 Hz</u> <u>NOTCH</u>	GAIN MODE <u>IFP</u> SLOPE <u>18 db/oct</u> SLOPE <u>72 db/oct</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. <u> </u> NOMINAL FOLD <u>12</u>	SAMPLE RATE <u>4 ms</u>
REMARKS <u>23 sec rep rate</u>	



2007

CRUISE <i>Fm 07-2</i>	LINE <i>CS 35</i>
START TIME <i>2330Z 02/20/81</i> START LAT. <i>26° 53.00' N</i> START LONG. <i>91° 12.90' W</i>	END TIME <i>2347 21 FEB 1981</i> ENDING LAT. ENDING LONG.
SOURCE <i>4 BOLT AIRGUNS</i> SOURCE DEPTH <i>10 m.</i>	SOURCE CAPACITY <i>ea @ 1500 m³</i> <i>6000 m³ room.</i>
NO. OF TRACES <i>24</i> NEAR TRACE <i>24</i>	GROUP INTERVAL <i>70 m</i> FAR TRACE <i>1 @</i>
INSTRUMENT FILTERS: <i>LOW 8 Hz</i> <i>HIGH 62 Hz</i> <i>NOTCH</i>	GAIN MODE <i>1EP</i> SLOPE <i>18 dB/oct</i> SLOPE <i>72 dB/oct</i> SLOPE
DATA LENGTH MIN. <i>8</i> MAX. NOMINAL FOLD <i>12</i>	SAMPLE RATE <i>4 ms</i>
REMARKS <i>23 sec. rep. rate</i>	



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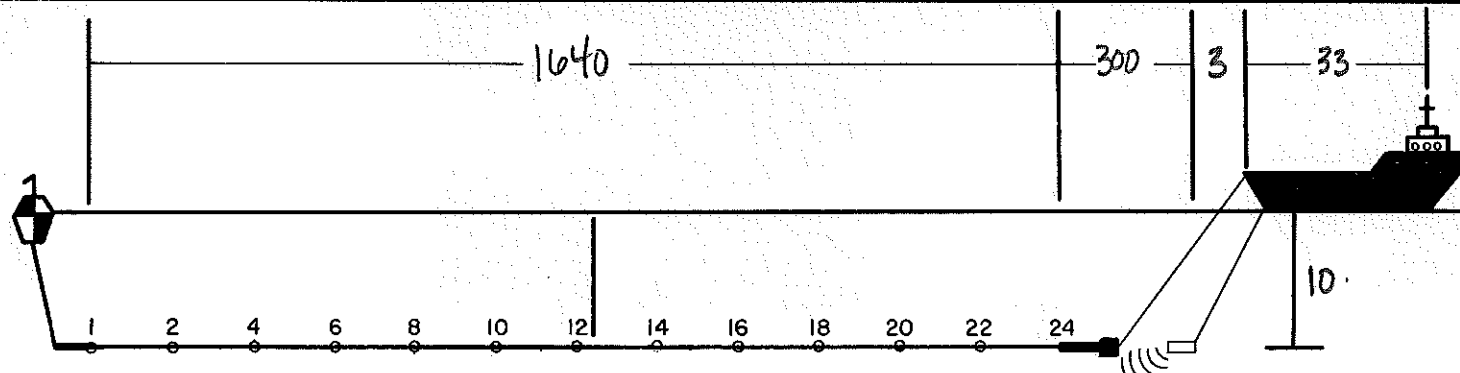
CRUISE				LINE				AREA-PROJECT												DATE																											
FM07-2				CS-35				TX-LA SLOPES												02/20/81/02/21/81																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT	
1 2 3 4				5 6 7 8 9				10 11 12 13				14 15 16 17 18 19 20				21 22 23 24 25 26				INIT RATE FINL				DEL.		LGTH				RATE				24 25 26 27 28 29 30 31													
0233002								2504				4706				4753 603042																24 25 26 27 28 29 30 31								Commence LINE 35							
0235434				072048				251618				5006																				24 25 26 27 28 29 30 31								Last shot							
0235500				072049				251619				5007				4653 603540				1FP				8		12		23		1060FM		28 26 28 23								First shot							
0101213								26114				5064																				24 26 28 23								ck shot				02/21/81 Z			
0103903								26184				5172				4653 603538																24 24 21 26								ck shot							
0053115								27121				5237																												Last shot							
0053337				0720510				27222				5240				4653 603541								8		12		23		1294		24 24 24 24								First shot							
0114119								27776				5326																												ck shot							
0151512								28174				5470																												Last shot							
0152116				072051				28715				5471				4852 603538																24 25 25 25								First shot							
022140								2951				5605																												ck shot							
0249100								31023				5715																												last shot							
0249123				072052				30214				5716																												first shot							
0311854								31101				6033																												ck shot							
0333656								31148				6112				5050 603642																24 25 25 24								ck shot							
034827								31718				6150																												LAST 5 HOT							
0348150				072053				31719				6151																												FIRST SHOT							
040541				072053				32123				6224				5053 603031																25 23 25 24								ck shot							
0444646								33310				64100																												last shot							
0444704				072054				33311				64101																												first shot							
050529								33719				64611				1950 603537														912		24 22 24 24								ck shot							
052633								34314				65510																												ck shot							
054411				072054				3480				6626																												LAST SHOT							

CRUISE				LINE				AREA-PROJECT												DATE													
FM 07-2				CS-35				LA TX SLOPES												2-21-81													
TIME		REEL		SH. PT		RECORD NO.		STRMER		DEPTH		GAIN (db)		TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
0	05	44	34	07	20	55	3481	66	27	48	50	58	36	42			8	12	23			984	26	20	26	24					FIRST SHOT		
1	16	16	46				3565	67	53														29	21	26	24					OK SHOT		
2	36	43	41	07	20	55	3635	70	61														24	23	24	25					LAST SHOT		
3	16	43	59	07	20	56	3636	70	62	50	52	60	34	35										24	23	25	26					FIRST SHOT	
4	17	10	49				3706	71	68	49	52	60	35	40								1120	24	25	25	26					OK SHOT		
5	17	41	06	07	20	56	3785	73	07														25	26	23	25					LAST SHOT		
6	17	41	29	07	20	57	3786	73	10	48	52	60	36	40									25	26	25	25					FIRST SHOT		
7	18	09	51				3860	74	22	48	53	60	35	25									26	26	21	25					OK SHOT		
8	18	39	22	07	20	57	3937	75	37	48	53	60	33	26	-								23	24	24	25					LAST SHOT		
9	19	37					4042	77	10														23	23	27	23					FIRST SHOT		
10	19	38	14	07	20	58	4092	77	72														23	24	25	23					OK SHOT		
11	19	39	11				4093	77	73	48	54	60	36	40	-									22	23	22	22					LAST SHOT	
12	10	36	16	07	20	59	4242	22	21														23	24	23	22					FIRST SHOT		
13	10	36	39	07	20	60	4243	22	22	48	54	60	34	34	-	-	IFP	-				8	12	23		25	22	22	21			LAST	
14	10	56	12				4294	30	05																							FIRST	
15	11	19	13				4354	40	01																							TIMED	
16	13	00	04	07	20	60	4398	45	55																								
17	13	03	32	07	20	61	4399	45	56	48	50	60	35	35	-	-	IFP	-				8	12	23		24	23	21	23			LAST SHOT	
18	11	55	14				4448	53	17																							FIRST SHOT	
19	12	25	55				4528	65	57																							TIMED SHOT	
20	12	35	30	07	20	61	4553	71	10																							" "	
21	12	35	53	07	20	62	4554	71	11	48	54	60	36	39			IFP					8	12	23		25	21	23	21			LAST	
22	12	45	51				4580	74	43																							FIRST	
23	11	23	15																														TS

CRUISE				LINE				AREA-PROJECT												DATE																															
FM 07-2				CS-35				LA-TX SLOPES												2-21-81																															
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				JOB INIT					
1 2 3 4				5 6 7 8 9				10 11 12 13 14				15 16 17 18 19				20 21 22 23 24				25 26 27 28 29				INIT		RATE		FINL		DEL.		LGTH		RATE		DPTH		26 27 28 29				26 27 28 29									
0130308								4625				11020																														TIMED SHOT									
0133346								47105				11140																														" "									
0133602				0720612				47111				11146																														LAST									
0133626				072063				47112				11147				475258 3535-				- 1PP -						8		12		23		26 18 30 26										FIRST									
0141909				072063				48211				1324				495360 3540				1PP						8		12		23		26 20 27 25										CHK SHOT									
0142400								4862				1375																														LAST SHOT									
0143423				0720614				4863				1376																														FIRST SHOT									
0145852								4927				1476				4850 60 37 40 -														634		26 27 26 26												CHK SHOT							
0151118								4959				1535				4853 60 35 38																26 29 26 25												LAST SHOT							
0153641				072064				5010				1621																														FIRST SHOT									
0153704				072065				5011				1622				4852 60 35 38 -																27 29 28 26												CHK SHOT							
0155125				072065				5018				1712				4853 60 36 40																27 31 26 27																			
01611618								51219				2010																														CHK SHOT									
0162748								51159				2046																														LAST SHOT									
0162811				072066				5160				2047																														FIRST SHOT									
0165633								5234				2161				4852 60 35 35 -																27 30 26 27												CHK SHOT							
01711302								5277				2234																														CHK SHOT									
0172347								5305				2270																														LAST SHOT									
0172409				072067				5306				2271				4853 59 34 35 -																27 30 27 26												FIRST SHOT							
0174601								5363				2362																														CHK SHOT									
0175816								5395				2422				5053 60 35 38 -																26 27 26 26												CHK SHOT							
0182226								5458				2521																														LAST SHOT									
0182248				072068				5459				2522																						27 26 28 27												FIRST SHOT					
0185156								5535				2636				4853 60 36 40 -																27 26 26 31												CHK SHOT							

CRUISE				LINE				AREA-PROJECT												DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
TMO7-2				CS-35				TX-LA SLOPES												21 Feb 81																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.				REC. LGTH				FLD				REP. RATE				WATER DPTH (Fm)				REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1 2 3 4				5 6 7 8 9				10 11 12 13 14				15 16 17 18 19				20 21 22 23 24				25 26 27 28 29				30 31 32 33 34				35 36 37 38 39				40 41 42 43 44				45 46 47 48 49				50 51 52 53 54				55 56 57 58 59				60 61 62 63 64				65 66 67 68 69				70 71 72 73 74				75 76 77 78 79				80 81 82 83 84				85 86 87 88 89				90 91 92 93 94				95 96 97 98 99				100 101 102 103 104				105 106 107 108 109				110 111 112 113 114				115 116 117 118 119				120 121 122 123 124				125 126 127 128 129				130 131 132 133 134				135 136 137 138 139				140 141 142 143 144				145 146 147 148 149				150 151 152 153 154				155 156 157 158 159				160 161 162 163 164				165 166 167 168 169				170 171 172 173 174				175 176 177 178 179				180 181 182 183 184				185 186 187 188 189				190 191 192 193 194				195 196 197 198 199				200 201 202 203 204				205 206 207 208 209				210 211 212 213 214				215 216 217 218 219				220 221 222 223 224				225 226 227 228 229				230 231 232 233 234				235 236 237 238 239				240 241 242 243 244				245 246 247 248 249				250 251 252 253 254				255 256 257 258 259				260 261 262 263 264				265 266 267 268 269				270 271 272 273 274				275 276 277 278 279				280 281 282 283 284				285 286 287 288 289				290 291 292 293 294				295 296 297 298 299				300 301 302 303 304				305 306 307 308 309				310 311 312 313 314				315 316 317 318 319				320 321 322 323 324				325 326 327 328 329				330 331 332 333 334				335 336 337 338 339				340 341 342 343 344				345 346 347 348 349				350 351 352 353 354				355 356 357 358 359				360 361 362 363 364				365 366 367 368 369				370 371 372 373 374				375 376 377 378 379				380 381 382 383 384				385 386 387 388 389				390 391 392 393 394				395 396 397 398 399				400 401 402 403 404				405 406 407 408 409				410 411 412 413 414				415 416 417 418 419				420 421 422 423 424				425 426 427 428 429				430 431 432 433 434				435 436 437 438 439				440 441 442 443 444				445 446 447 448 449				450 451 452 453 454				455 456 457 458 459				460 461 462 463 464				465 466 467 468 469				470 471 472 473 474				475 476 477 478 479				480 481 482 483 484				485 486 487 488 489				490 491 492 493 494				495 496 497 498 499				500 501 502 503 504				505 506 507 508 509				510 511 512 513 514				515 516 517 518 519				520 521 522 523 524				525 526 527 528 529				530 531 532 533 534				535 536 537 538 539				540 541 542 543 544				545 546 547 548 549				550 551 552 553 554				555 556 557 558 559				560 561 562 563 564				565 566 567 568 569				570 571 572 573 574				575 576 577 578 579				580 581 582 583 584				585 586 587 588 589				590 591 592 593 594				595 596 597 598 599				600 601 602 603 604				605 606 607 608 609				610 611 612 613 614				615 616 617 618 619				620 621 622 623 624				625 626 627 628 629				630 631 632 633 634				635 636 637 638 639				640 641 642 643 644				645 646 647 648 649				650 651 652 653 654				655 656 657 658 659				660 661 662 663 664				665 666 667 668 669				670 671 672 673 674				675 676 677 678 679				680 681 682 683 684				685 686 687 688 689				690 691 692 693			

CRUISE <u>FM07.2</u>	LINE <u>CS.34</u> (SEGMENTS A →
START TIME <u>2347</u> <u>21 FEB 1981</u> START LAT. START LONG.	END TIME ENDING LAT. ENDING LONG.
SOURCE <u>4 Bolt AIRGUNS.</u> SOURCE DEPTH <u>10 m.</u>	SOURCE CAPACITY <u>1500 IN³ @.</u> <u>6000 IN³ TOTAL.</u>
NO. OF TRACES <u>24.</u> NEAR TRACE <u>#24, 23 @ 300, 370</u>	GROUP INTERVAL <u>140</u> FAR TRACE <u>#2, #1 @ 1873, 1913.</u>
INSTRUMENT FILTERS: <u>LOW 8</u> <u>HIGH 62.</u> <u>NOTCH SW.</u>	GAIN MODE <u>IFP</u> SLOPE <u>18 dB/OCTAVE</u> SLOPE <u>72 " "</u> <u>SLOPE</u>
DATA LENGTH MIN. <u>8s</u> MAX. NOMINAL FOLD <u>12</u>	SAMPLE RATE <u>4ms.</u>
REMARKS <u>12 PDD DATA w/ 24 TRC RECORDING -</u>	



CRUISE				LINE		AREA-PROJECT														DATE													
FM07.2				CS-34A-D		TX-LA SLOPES														21 FEB 1981													
TIME				REEL		SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		JOB INIT			
1 2 3 4				5 6 7 8 9		10 11 12 13		14 15 16 17 18 19 20		1 2 3 4 5 6		INIT RATE FINL		DEL.		LGTH		FLD		RATE		DPTH		TIMES									
0234732				072073		6306		4244		4753602525		1FP		8		12		23				540		27 23 26 24						BEGIN CS 34A			
000702						6357		4324																						ck shot 22 FEB 1981			
0001528						6379		4352																						last shot			
0001552				072074		6380		4353		4953603532																				first shot			
0002134						6421		4424																						ck shot			
005000						6469		4504																						Begin turn onto line 34B			
011406						6532		4603																						last shot			
011438				072075		6533		4604		4753572222		Begin CS-34B												27 24 27 27						first shot, commence LINE 34B			
013036						6575		4656																						ck shot 0126Z			
015204						6634		4746		4952562435														28 25 28 24						ck shot			
021208						6683		5032																						last shot 0205Z begin turn to			
021228				072076		6684		5033																						first shot segment C			
021527						6692		5043				Begin CS-34C																		Begin segment 34 C 0215Z			
023305						6738		5120																						ck shot			
030127						6812		5233																						end of turn 0242Z		ck shot	
030950						6834		5261																						last shot			
0311016				072077		6835		5262		5052583025												407		28 25 28 23						first shot			
032817						6882		5341																						ck shot			
034935						6935		5427																						BEGIN TURN			
040941						6990		5515																						LAST SHOT			
041604				072078		6991		5516		4853602522														28 27 28 23						FIRST SHOT			
041330						7000		5527				Begin CS-34D																		Begin CS-34D			
042937						7042		5601																						check shot 0430 end of turn			
043958						7069		5634																						ck shot			

CRUISE				LINE		AREA-PROJECT												DATE														
FM07-2				CS-34D → G		TX - LA SLOPES												22 Feb 81														
TIME				REEL		SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT		
1	2	3	4	1	2	1	2	1	2	1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH	FLD	RATE	1	2	3	4	5	6	1	2	3	4
00	50	7	11	07	20	7	18	11	4	10	1	5	7	4	3	47	52	58	35	38												
00	50	7	34	07	20	7	19	7	1	4	11	1	5	7	4	4																
00	52	0	13					7	1	7	14	1	6	0	0	5																
00	53	0	11					7	2	10	10	1	16	0	3	7	48	53	60	35	32											
00	54	7	49					7	2	14	5	1	6	1	1	1																
00	56	0	7																													
00	56	0	83	07	20	7	19					16	1	6	5																	
00	56	8	54	07	20	8	10	7	3	0	10	1	6	1	6	6	49	53	60	35	42											
00	57	0	51	07	20	8	10	7	4	14	8	1	6	4	1	2																
00	57	0	53	07	20	8	11	7	4	14	9	1	6	4	1	3	48	52	56	25	38											
00	57	4	26					7	5	4	5	1	5	5	5	3																
00	58	0	13	07	20	8	11	7	6	10	10	1	6	6	4	2																
00	58	6	13	07	20	8	12	7	6	10	11	1	6	6	4	3																
00	58	4	01					7	6	19	6	1	7	0	0	2																
00	58	5	40					7	7	13	2	1	7	0	4	6																
00	59	0	21	07	20	8	12	7	7	5	3	1	7	0	7	3																
00	59	1	82	07	20	8	13	7	7	5	4	1	7	0	7	4	50	53	60	35	42											
00	59	1	18					7	7	19	6	1	7	0	4	6																
00	59	3	25					7	8	13	4	1	7	2	1	3																
00	59	4	04					7	8	15	1	1	7	2	13	5																
00	59	5	94	07	20	8	13	7	9	10	3	1	7	3	2	1																
00	60	0	03	07	20	8	14	9	9	10	4	1	7	3	2	2																
00	60	2	41					7	9	16	7	1	7	4	2	1	48	52	60	35	41											
00	60	2	84	07	20	8	14	7	9	17	8	1	7	4	3	4																
00	60	2	84																													
*072084 SHORT TAPE																																
MISSING SHOTS 7978-7985																																

155 154
154
156

CRUISE				LINE				AREA-PROJECT										DATE			
FM07-2				CS-34I,J,K,L				TX-LA SLOPES										22 Feb 81			
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP	REC.	FLU	REP.	WATER	REL FIRE	CONTINUITY	REMARKS				JOB			
1 2 3 4	5 6 7 8 9 10	11 12 13 14	15 16 17 18 19 20	21 22 23 24 25 26	27 28 29 30 31 32	INIT RATE FINL	DEL.	LGTH		RATE	DEPTH (Fm)	TIMES	OR LEAKAGE								
0153321	072090	8773	11060					8	12	23				first shot							
0155438		8830	1150											Begin turn 1554Z ckshot							
0161044		8871	1222											first shot of 34J 1610Z							
0162154	072090	8900	1257	4855582025-								25 26 25 23		End of Turn ck shot							
0162931	072090	8920	1303											last shot							
0162959	072091	8921	1304								552			first shot							
0165013		8974	1371	4650583225-								25 26 23 27		ck shot							
0171122	072091	9029	1458	5055603329-							500	25 26 25 26		ck shot							
0172637		9069	1535											last shot							
0172902	072092	9070	1531											first shot							
0174806		9125	1620	4851583125-							424	25 25 25 25		ck shot							
0175631		9146	1646									25 24 26 26		ck shot 1755Z Begin turn							
0181041		9167	1672											Begin CS-34K							
0182408		9219	1756	5031150116										9190-9220 - chamber malfunction							
0182431	072093	9220	1757									25 24 24 26		last shot							
0182626	072093	9225	1760											missed shots 9220-9225							
0183039		9236	1773											first shot							
0183805		9258	2021									26 24 25 30		ck shot end of turn							
0185012		9287	2056	4655592126-										ck shot - Begin turn							
0190532		9327	2126									25 24 25 27		first shot of 34L							
0190922		9337	2140									26 26 27 31		ck shot							
0192506		9378	2211											ck shot end of turn							
0192529	092094	9379	2212	4854512623-										last shot							
0195109		9446	2315									26 27 25 34		first shot							
												26 26 22 27		ck shot							
														possible 33Hz Hull Noise.							

CRUISE				LINE				AREA-PROJECT												DATE																							
FM07-2				CS-34				TX-LA Slopes												02 Feb 81 -																							
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS				OB INIT	
1 2 3 4				5 6 7 8 9				10 11 12 13 14				15 16 17 18 19 20				1 2 3 4 5 6				INIT RATE FINL				DEL.		LGTH		RATE															
20 21 49				072094				9526				2435																										last slot					
20 22 12				072095				9527				2436				4752541520				- IFP -						8		12		23				2526 2525				first slot					
20 50 57								9602				2551																				2626 2925				ck shot							
21 18 10								9673				2660																								last slot							
21 18 33				072096				9674				2461				5046311624				-												25272426				first slot							
21 53 26								97165				30114																								ck shot							
22 16 07				072096				9804				31107																								LAST - END CS-34 L							
22 16 25				072097				9825				31110				5050542525				- IFP -						8		12		23		24272625				FIRST BEGIN CS 34 M							
22 43 16								98195				32116																								TIMED SUR -							
23 03 06								9952				3307																								TIMED SHOT -							
23 14 32				072097				9976				3333																								LAST - ?							
																																				← DND BRG - MISSED 4? SHOTS -							
																																				(- FOUR SHOTS MISSING -)							
																																				9977 → 9980							
23 16 21				072098				9981				3340																								TIMED SHOT -							
23 17 04								9984				3343																								TIMED SHOT -							
23 23 30								0010				3363																								TIMED SHOT -							
23 56 52				1516				0087				3512																								Last shot							
00 16 25				072098				0138				3575																								First shot							
00 16 48				072099				0139				3576				5050573130														23262527				TIMED SHOT									
00 40 34								0201				3674																								Last shot							
00 59 43								0251				3756																								First shot							
				072099				288				4023				-?																				TIMED SHOT							
01 15 45				072100				290				4025																								Last shot							
01 54 54								0420				4230																								First shot							
02 02 54								0441				4254																								ck shot							
																																				0212 # Systems turned off for generator work							
																																				last slot				END LINE 34 M			

CRUISE				LINE				AREA-PROJECT												DATE																											
FM07-2				CS-34N				TX- LA SLOPES												23 Feb 81																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				DB	
1 2 3 4				5 6 7 8 9				10 11 12 13 14				15 16 17 18 19 20				21 22 23 24 25 26				INIT RATE FINL				DEL.		LGTH				RATE																	
0031004				0721011				1442				4255								Begin				CS-34N																		first shot of CS-34N					
0035959								1494				4341				5052563537																		28 23 25 30								ck shot					
0043537								1587				4476								IFP				8		12		23														03522 Ship steering out					
0043841				0721011				595				4506																						28 27 28 26								04002 steering back					
0043904				0721012				596				4507				4852573537								8		12		23		608		27 28 28 27								Last shot							
0050009								651				4576				4952573333														608		28 27 24 27								First shot							
0053657								747				4735																		605										check shot							
0053720				0721013				748				4736																		552										last shot							
0055133								785				5004				5050573535																27 27 27 26								first shot							
0063515				0721013				899				5166																												check shot							
0063538				0721014				910				5167																												last shot							
0065815								957				5262																												First shot							
0073331				7021014				1051				5416																				31 30 31 30								ck shot							
0073354				7021015				1052				5417				5051542035																31 30 31 30								last shot							
0074002								1065				5424																												first shot } tapes not recording							
0074547								1083				5431																												first shot } on tape drive B							
0075023				7021015				1095				5439																												First shot - Tape drive A - ok							
0084644				7021015				1242				5657																												last shot							
0085071				7021016				1252				5662																												first shot							
0090944				7021016				1302				5732																												702106 - Short tape							
0091007				7021017				1303				5733																												last shot							
0094365								1387				6061				5051563430																33 29 31 31								first shot							
0102312				1678121				21312				167121920																												ck shot							

702105 ok after double degaussing

Bad Box of tapes

702106 has parity errors - several first records

702107 - OK

 tapes not recorded
 parity error
 on tape drive B

CRUISE				LINE				AREA-PROJECT										DATE										
FM07-2				CS-34N				TX-LA SLOPES										23 FEB 81										
TIME				REEL				SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OBJ INIT
0100932				072107				1458		6166							8	12	23	404		33 32 34 31				Last shot		
0100955				072108				1459		6167		5051 563434														First shot		
0102056				072108				1506		6246																Timed shot		
0105256				072108				1571		6247		5051 563435										22 29 24 29				Timed shot		
0110943				072108				1615		6423																Last shot		
0111006				072109				1616		6424		5050563536								584		23 35 25 25				First shot		
0113243				072109				1675		6517																Timed shot		
0115301				072109				1728		6604		5252573334										23 29 39 46				Timed shot		
0121148				072110				1777		6665																Last shot		
0121211				072110				1778		6666		5050573030								416		24 24 23 25				First shot		
0122840				072110				1821		6741																Timed shot		
0124545				072110				1887		7043		5051563538										26 27 22 26				Timed shot		
01311246				072110				1936		7124																Last shot		
0131309				072111				1937		7125		4952603540										23 25 11 26				First shot		PARTIAL ERRORS
013161				072111						7160																		
01326133				072111						7161																		
0132710				072111						7170																		
0134739				072112				20217		7257		4952583538										22 24 29 29				Timed shot		
0141125				072112				2089		7354																Timed shot		
0141148				072112				2090		7355																last shot		
0141148				072112				2095		7356																first shot		
01411451				072112				2098		7361																missed several shots before this		
0142040				072113				2113		7376																ck shot		
0142040				072113				2113		7376																first shot		

FIRST FORWARDED BETWEEN THESE TWO RECORDS

Bad tape - parity errors
no data recorded

PARITY ERRORS

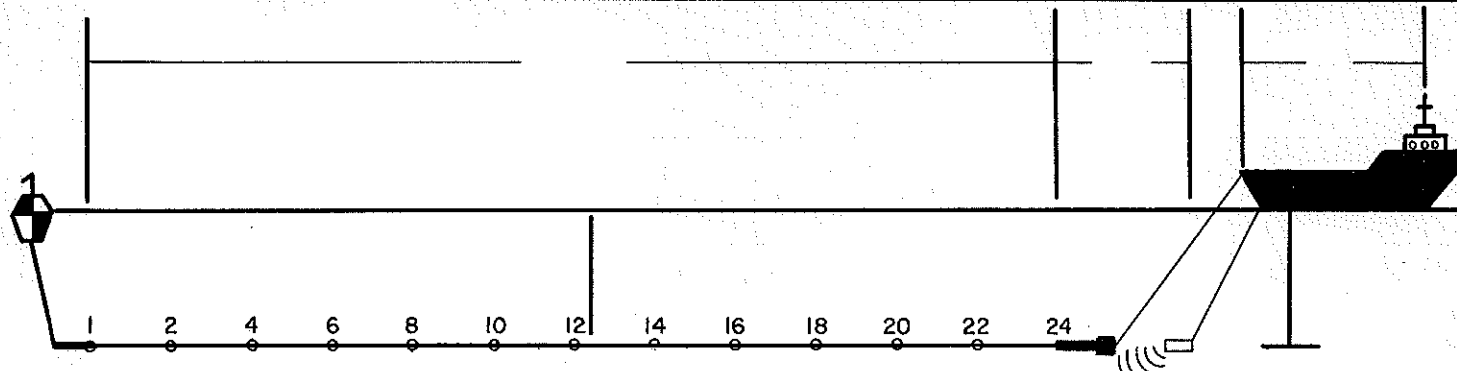
CRUISE				LINE				AREA-PROJECT										DATE											
Fm07-2				CS-34 N				TX - LA SLOPES										23 Feb 81											
TIME				REEL				SH. PT		RECORD NO.		STRMER		DEPTH		GAIN (db)		TRIP	REC.	FLU	REP.	WATER	REL FIRE		CONTINUITY		REMARKS		OB
1 2 3 4				5 6 7 8 9 10				11 12 13 14		15 16 17 18 19 20		21 22 23 24 25 26		INIT RATE FINL		DEL.	LGTH		RATE	DPTH (Fm)	TIMES		OR LEAKAGE						
0145039				072113				2191		75114		5053583540		— IFP —			8	12	23	652	24193127						chk skt		
03150833				072113				2238		7573		5053583540									24213328						chk skt		
0352047								2270		7632																	last shot missed shot after this		
0452151				072114				2273		7634																	first shot		
07155520				072114				2360		7763		5053583540									23242224						chk skt		
07411014				072114				2399		8033		5053583540									25262325						chk skt		
01621231								2413		01073																	Last shot		
01621253				072115				2432		01074		5054603540									20262233						first shot		Between 1650-1700
09451900								2557		0214																	(first shot)		DFS died missed shot
0711307								2563		0258																	chk skt		
072132				072115				2600		0325		5052583540									23282627						last shot		
072136				072116				2601		0326		5052583540									24282625						first shot		
0774822								2655		0418																	chk skt		
082447								2750		0553											26262426						last shot		
082510				072117				2751		0554		5054583540		—							26262626						first shot		
090027								2843		0710																	ok skt		
092548								2909		1012																	last shot		
092607				072118				2910		11013											28292526						first shot		
200147								3003		11150		5053573541		—							26262626						ok skt		
200732								3018		11167																	chk skt begin turn		
201036								3026		11177																	* end turn at spt. # 3034		
202401								3061		11242																	last shot		
202424				072119				3062		11243											26262433						first shot		
205938								3134		11377											27262727						chk skt		

2215



CRUISE				LINE				AREA-PROJECT												DATE																											
FM07-2				CS -33				TX - LA SLOPES												23 Feb 81																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLU		REP.		WATER		REL FIRE				CONTINUITY				REMARKS				OB	
1 2 3 4				5 6 7 8 9				10 11 12 13 14				15 16 17 18 19				20 21 22 23 24				INIT RATE FINL				DEL.		LGTH				RATE		DEPTH (FM)		TIMES				OR LEAKAGE								INIT	
0212237				0721119				3214				1473																																			
0212303				0721120				3215				1474				51 53 59 35 40				- 1FP -				8		12		23		520		24 22 26 24								last shot							
0214602								32174				1570																				25 27 27 27								first shot							
0221402								33148				1701																												ck shot							
0222140				0721120				33168				1725																												dried shot -							
0222205				0721121				33169				1726				50 55 60 35 40				- 1FP -				8		12		23		310 fm		23 27 27 30								last							
0225221								34148				2045																												jack.							
0230328								34177				2102																												dried.							
02311630								35111				2144																												dried							
0232220				0721121				3526				2163																												dried.							
0232243				0721122				3527				2164				50 54 60 35 40				- 1FP -				8		12		23		360 fm		25 24 27 25								LAST							
0235341								3608				2305																												FIRST							
0002053				0721122				3679				2414																												Tuned shot							
0002021				0721123				3680				2415				50 54 60 35 40				- 1FP -				8		12		23				24 24 27 26								LAST.							
0011933				0721123				3832				2645																												RMS							
0011957				0721124				3833				2646				52 53 60 36 37				1FP				8		12		23				24 27 28 30								LAST.							
0015959								3937				3016																												FIRST							
0021704								3982				3673																												ck shot							
0021727				0721125				3983				3074				52 54 58 33 36																25 28 28 26								last shot							
0024659								4060				3211																												first shot							
0030935				0721125				4119				3304																												ck shot							
02																																								02492 begin turn to CS-32							
03																																								Stopped shooting for							
04																																								maintenance of compressor							
05				1 2 3 4				5 6 7 8 9 10				11 12 13 14				15 16 17 18 19 20																															

CRUISE	FM07-2	LINE	CS-32
START TIME	0500Z 24 Feb 81	END TIME	1000Z 24 Feb 81
START LAT.	27 53.32 N	ENDING LAT.	27° 43.44' N
START LONG.	91 31.35 W	ENDING LONG.	91° 10.91' W
SOURCE	4 BOLT AIRGUNS	SOURCE CAPACITY	6000 cu in
SOURCE DEPTH	10 M		
NO. OF TRACES	24	GROUP INTERVAL	70 m
NEAR TRACE	24	FAR TRACE	1
INSTRUMENT	DPS IV	GAIN MODE	IFP
FILTERS:	LOW 8 HZ	SLOPE	18 db/oct
	HIGH 62 HZ	SLOPE	72 db/oct
	<u>NOTCH</u>	SLOPE	
DATA LENGTH	MIN. 8	MAX.	
NOMINAL FOLD	24	SAMPLE RATE	4 ms
REMARKS	16 sec rep rate		



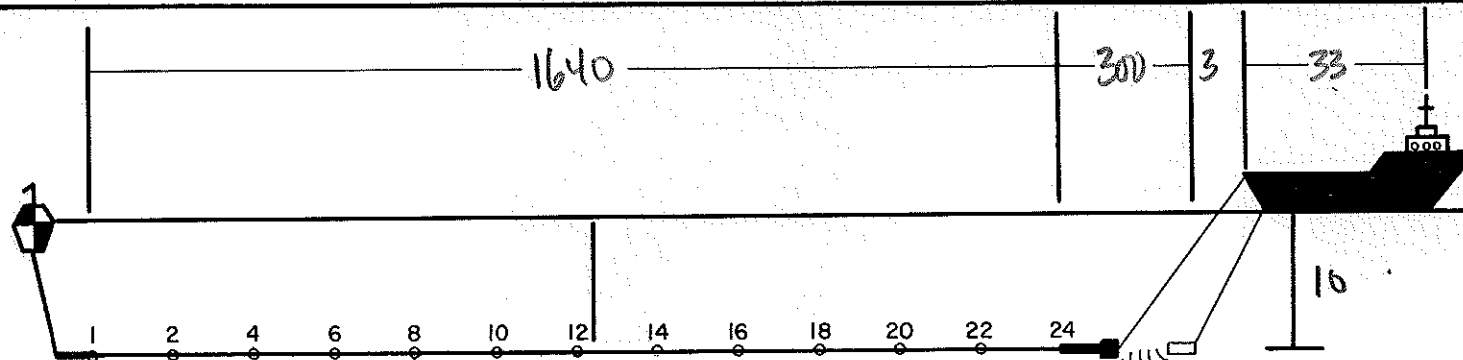
[illegible]

CRUISE <u>FMD7-2</u>	LINE <u>CS 31</u>
START TIME <u>1000 24 FEB 1981</u> START LAT. <u>27° 43.44' N</u> START LONG. <u>91° 10.91' W</u>	END TIME <u>1245 Z 24 FEB 1981</u> ENDING LAT. <u>27° 53.04' N</u> ENDING LONG. <u>91° 04.71' W</u>
SOURCE <u>4 BOAT AIR GUNS</u> SOURCE DEPTH <u>10 m</u>	SOURCE CAPACITY <u>1500 IN³ @</u> <u>6000 IN³ TOTAL</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: <u>LOW 8 dB</u> <u>HIGH 62</u> <u>NOTCH out</u>	GAIN MODE <u>IFP</u> SLOPE <u>8 dB/oct</u> SLOPE <u>72 dB/oct</u> SLOPE
DATA LENGTH MIN. <u>85</u> MAX NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4 ms</u>
REMARKS <u>REPRATE = 165.</u>	



CRUISE				LINE				AREA-PROJECT												DATE															
FM07-2				CS-31				TX-LA Slopes -												24 FEB 81															
TIME		REEL		SH. PT		RECORD NO.		STRMER		DEPTH		GAIN (db)		TRIP		REC.		FLD		REP.		WATER		REL FIRE		CONTINUITY		REMARKS		OB					
1 2 3 4		5 6 7 8 9		10 11 12 13 14		15 16 17 18 19 20		21 22 23 24 25 26		27 28 29 30 31 32		33 34 35 36 37 38		39 40 41 42 43 44		45 46 47 48 49 50		51 52 53 54 55 56		57 58 59 60 61 62		63 64 65 66 67 68		69 70 71 72 73 74		75 76 77 78 79 80		81 82 83 84 85 86		87 88 89 90 91 92					
01	000006					11	12	5				20	14	3				8	24	16															
01	02825	07	21	33		12	32					23	16																						
01	02841	07	21	34		12	33					23	17																						
01	111011	07	21	34		13	89					25	53																						
01	111030	07	21	35		13	90					25	54	52	52	58	35	57																	
01	119150	07	21	35		15	N5					30	07																						
01	115207	07	21	36		15	46					30	10																						
01	121133					16	19					31	21																						
01	123222	07	21	36		16	97					32	37																						
01	123238	07	21	37		16	98					32	40	52	57	61	44	61																	
01	124500					17	49					33	16																						
01																																			
01																																			
01																																			
01																																			
01																																			
01																																			
01																																			
01																																			

CRUISE <u>FM07-2</u>	LINE <u>CS 30</u>
START TIME <u>1245Z 24 FEB 1981</u> START LAT. START LONG. <u>27° 53.04 N</u> <u>91° 04.71 W</u>	END TIME <u>2251Z 24 FEB 81</u> ENDING LAT. <u>27° 24.35 N</u> ENDING LONG. <u>90° 29.15 W</u>
SOURCE <u>4 BAT AIR GUNS</u> SOURCE DEPTH <u>10 m</u>	SOURCE CAPACITY <u>1500 IN³ @</u> <u>6000 IN³ TOTAL</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DPS IV</u> FILTERS: LOW <u>— 8</u> HIGH <u>— 62</u> <u>NOTCH over.</u>	GAIN MODE <u>IFP</u> SLOPE <u>8 dB/oct.</u> SLOPE <u>72 dB/oct.</u> SLOPE
DATA LENGTH MIN. <u>8s</u> MAX. NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4ms</u>
REMARKS <u>REP RATE = 16s.</u>	

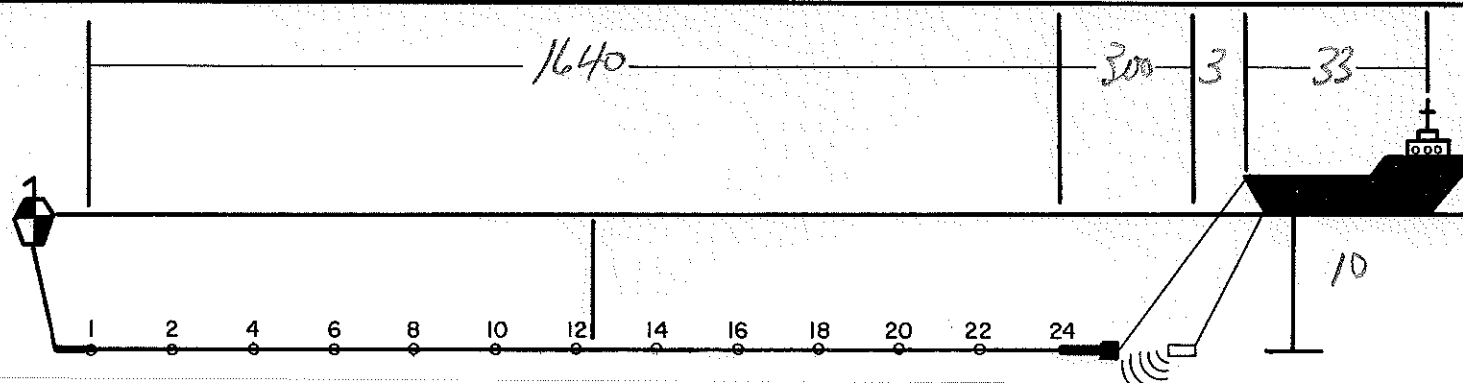


CRUISE				LINE				AREA-PROJECT												DATE																					
FM07-2				CS-30				TX-LA SLOPES												24 Feb 81																					
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLD		REP.		WATER		REL FIRE		CONTINUITY		REMARKS		OB	
1 2 3 4				5 6 7 8 9				10 11 12 13 14				15 16 17 18 19				20 21 22 23 24				INIT RATE FINL				DEL.		LGTH		RATE		DOPTH (Fm)		TIMES		OR LEAKAGE							
01245116								11745				3317								-1FP-						8		24		16								BEGIN CS-30			
01313110				072137				11850				3470																										11850 (last shot)			
01313206				072138				11851				3471				5254583858				1FP						8		24		16		23212524				11850 (first shot)					
01355011				072138				2007				3725																										LAST			
01355117				072139				2008				3726				5254583456				-1FP-						8		24		16		26212121				FIRST					
01411111				072139				2010				4048				5255583858				1FP						8		24		16		28252121				chk sh					
01434313				072139				2155				4151				5155583557				1FP						8		24		16		28272125				Last shot					
01434337				072140				2156				4152				5155583557				1FP						8		24		16		28272026				first shot					
01456517				072140				2239				4275				5255603858				1FP						8		24		16		25828292228				chk sh					
01510426				072140				2267				4331				5255603758				1FP						8		24		16		27228282036				chk sh					
01515335				072140				2308				4402				5255603860				1FP						8		24		16		32826272029				Last shot					
015115518				072141				213109				4403				5255603860				1FP						8		24		16		32827282128				first shot					
01533354				072141				2377				4507				5255583757				1FP						8		24		16		31327272329				chk sh					
01544439								2418				4560																										ck shot			
01554431								2455				4625																										last			
01554447				072142				2456				4626				5155583957														26242025				first							
0162303				072142				2562				5100				5356614067				1FP						8		24		16		28232225				ck shot					
0163259								2599				5045																										last			
0163315				072143				2600				5046																										first			
0165520				072143				2683				5171																514		27262323				chk sh							
0170719				072143				2728				5246																		28242221				chk sh							
0171342								2752				5276																								last					
0171358				072144				2753				5277				5558584467																				first					
0174200				072144				2858				5450				5255584065				1FP						8		24		16		24242424				chk sh					

CRUISE Fm07-2				LINE CS-30		AREA-PROJECT TX - LA SLOPES										DATE 24 Feb 81																						
TIME				REEL		SH. PT		RECORD NO.		STRMER		DEPTH		GAIN (db)		TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT						
1	1	7	5	5	7	2	9	0	7	2	1	4	4	2	9	0	7	5	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	7	5	5	7	2	9	0	7	2	1	4	5	2	9	0	8	5	6	3	2																	
1	1	8	2	1	5	8								3	0	0	8	5	6	7	6	5	1	5	6	5	9	4	1	6	3							
1	1	8	3	7	1	0								3	0	6	4	5	7	6	6																	
1	1	8	3	7	2	6		0	7	2	1	4	6	3	0	6	5	5	7	6	7																	
1	1	8	5	8	1	4								3	1	4	4	6	1	0	6	5	1	5	5	7	4	0	6									
1	1	8	9	1	9	0	2							3	2	2	2	6	2	2	4																	
1	1	8	9	1	1	8		0	7	2	1	4	7	3	2	2	3	6	2	2	5	5	1	5	6	5	8	4	0	6								
1	1	9	4	7	1	8								3	3	2	8	6	3	7	6																	
2	0	0	1	2	7			0	7	2	1	4	7	3	3	8	1	6	4	6	3																	
2	0	0	1	4	2			0	7	2	1	4	8	3	3	8	2	6	4	6	4	5	1	5	6	5	8	4	0	6								
2	0	0	9	1	0									3	4	1	0	6	5	2	0																	
2	0	2	2	4	6									3	4	6	1																					
2	0	3	6	1	4									3	4	8	9	6	6	3	6																	
2	0	4	3	1	8									3	5	3	8	6	7	2	0																	
2	0	4	3	3	4			0	7	2	1	4	9	3	5	3	9	6	7	2	1																	
2	1	0	5	2	6									3	6	2	1	7	0	4	3	5	2	5	7	6	0	4	1	6								
2	1	0	8	3	8									3	6	3	3	7	0	5	7																	

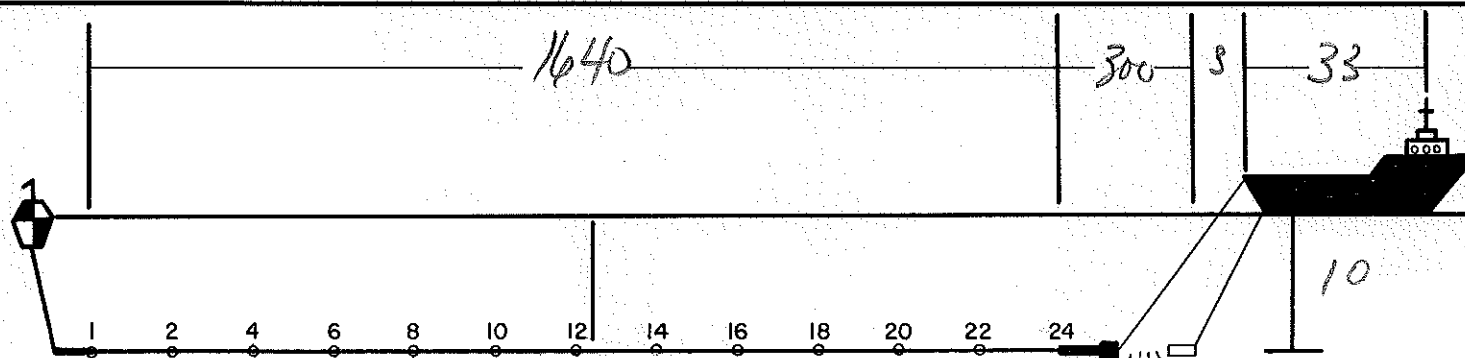
CRUISE				LINE		AREA-PROJECT										DATE														
FM 07-2				CS-30		TY-LA SLOPES										24 FEB '81														
TIME				REEL		SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP DEL.		REC. LGTH		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT		
0	2	2	2	0	7	2	1	3	9	0	7	7	5	0	1			8	24	16			24	28	30	33			Gun 3 intermittent 22228 begin turn	
0	2	2	4					3	9	7	6	7	6	0	6														Gun 3 still down	
0	2	2	5	0	7	2	1	4	0	1	8	7	6	6	0														Last shot END LINE 30	
0	2	2	5	0	7	2	1	4	0	1	9	7	6	6	1	55	60	63	46	69		680	30	25	80	30			Last shot. BEGIN LINE 29	
					</																									

CRUISE <i>Fm 07-2</i>	LINE <i>CS 29</i>
START TIME <i>2251 Z, 02/24/81</i> START LAT. <i>27° 27' 33 N</i> START LONG. <i>90° 27' 15 W</i>	END TIME <i>0040Z 25 FEB'81</i> ENDING LAT. <i>27° 29' 41 N</i> ENDING LONG. <i>90° 18' 76 W</i>
SOURCE <i>3 BOLT AIR GUNS</i> SOURCE DEPTH <i>10m</i>	SOURCE CAPACITY <i>1500 in³</i> <i>4500 in³ total</i>
NO. OF TRACES <i>24</i> NEAR TRACE <i>24</i>	GROUP INTERVAL <i>70</i> FAR TRACE <i>1</i>
INSTRUMENT <i>DPS IV</i> FILTERS: LOW - <i>8 Hz</i> HIGH - <i>62 Hz</i> <u>NOTCH</u>	GAIN MODE <i>1FP</i> SLOPE <i>8 dB/oct.</i> SLOPE <i>72 dB/oct</i> SLOPE
DATA LENGTH MIN. <i>8s</i> MAX. NOMINAL FOLD <i>24</i>	SAMPLE RATE <i>4m S</i>
REMARKS <i>REP. RATE = 16 m S</i>	



CRUISE				LINE				AREA-PROJECT												DATE																											
FM07-2				CS-29				TX-LA SLOPES												04 FEB '81																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40								
00	25	13	5	07	21	52		40	19			76	61	55	60	63	46	64		-	1	FP	-	8	24	16		680	30	25	30									START LINE 29 GUN 3 OUT							
23	08	06						40	81			77	57																											CHECK SHOT 2302							
23	23	50						41	40			00	53	51	56	60	40	64																						CHECK SHOT 2302							
23	35	19		07	21	52		41	83			01	20																											" GUN 3 DOWN							
23	35	35		07	21	53		41	84			01	21	51	58	61	42	65																						LAST SHOT DATA ERROR							
23	48	22						42	32			02	01																											First shot ↑↑ Parity error							
00	06	14						42	99			03	04																											CHECK SHOT ↓ SYNC PROBLEM							
00	16	55		07	21	53		43	39			03	54																											CHECK SHOT - ↓							
00	17	10		07	21	54		43	40			03	55	51	57	60	43	65																						LAST SHOT PARITY ERROR							
00	29	42						43	87			04	34																											First shot							
00	39	51						44	21			05	02																											CR SHOT BEGIN TURN							
00	40	07						44	26			05	03	51	55	60	43	60																						END CS-29							
																																								START CS-28A							

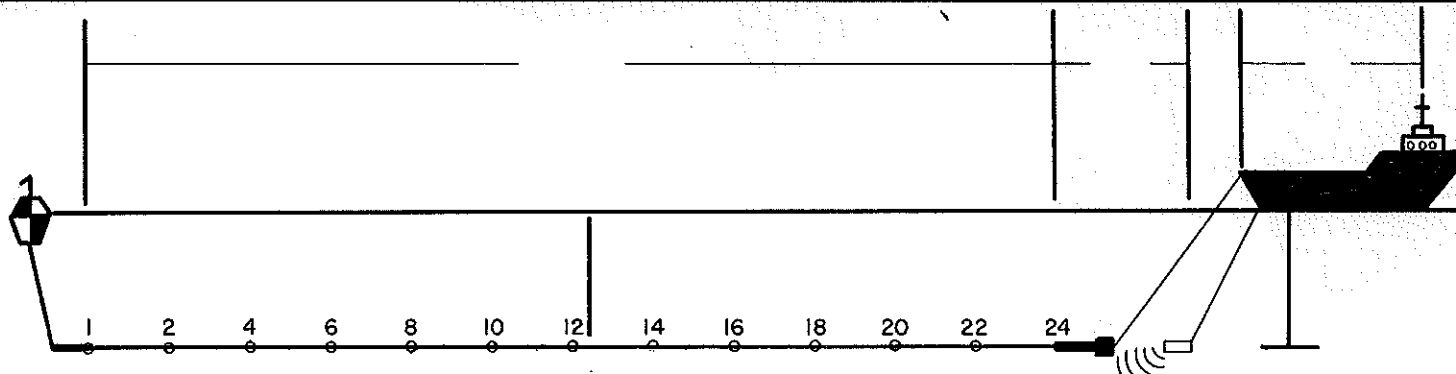
CRUISE <u>FM07-2</u>	LINE <u>CS 28 A</u>
START TIME <u>0040Z 25 FEB 81</u> START LAT. <u>27° 29.41' N</u> START LONG. <u>90° 18.76' W</u>	END TIME <u>0255Z 25 Feb 81</u> ENDING LAT. <u>27 34.79 N</u> ENDING LONG. <u>90 19.56 W</u>
SOURCE <u>3 BOLT AIRGUNS</u> SOURCE DEPTH <u>10 m</u>	SOURCE CAPACITY <u>1500 in³</u> <u>4500 in³ total</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: LOW <u>-8</u> HIGH <u>-62</u> NOTCH <u> </u>	GAIN MODE <u>1FP</u> SLOPE <u>18dB/oct</u> SLOPE <u>72dB/oct</u> SLOPE <u> </u>
DATA LENGTH MIN. <u>85</u> MAX. <u> </u> NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4mS</u>
REMARKS <u>REP. RATE - 16mS</u>	



[illegible]

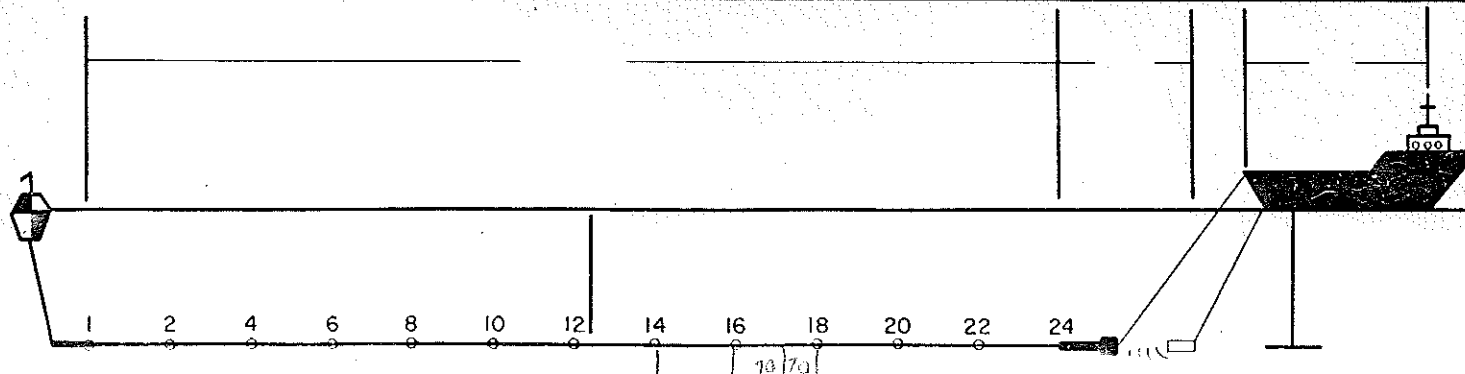
[illegible]

CRUISE <u>FM07-2</u>	LINE <u>CS-27</u>
START TIME START LAT. START LONG.	END TIME ENDING LAT. ENDING LONG.
SOURCE <u>4 BOLT AIRGUNS</u> SOURCE DEPTH <u>10 m</u>	SOURCE CAPACITY <u>6000 cu in</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: LOW <u>8 Hz</u> HIGH <u>62 Hz</u> <u>NOTCH</u>	GAIN MODE <u>IFP</u> SLOPE <u>18 db/oct</u> SLOPE <u>72 db/oct</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4 ms</u>
REMARKS <u>16 sec rep rate</u>	



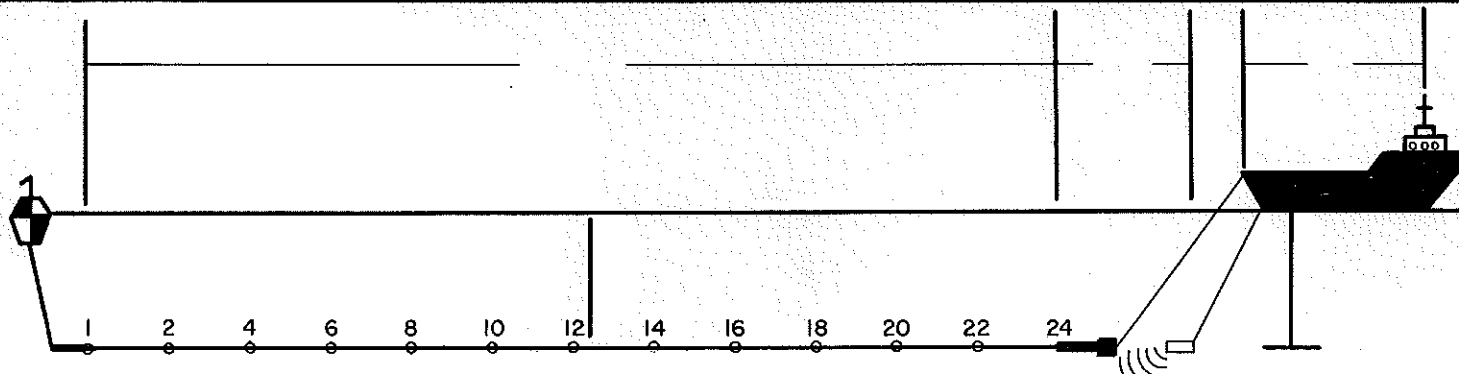
Bed in CS-28B

CRUISE <u>FM07-2</u>	LINE <u>CS-28-B</u>
START TIME <u>10 00 ²⁴</u> <u>25 FEB 81</u> START LAT. START LONG.	END TIME ENDING LAT. ENDING LONG.
SOURCE <u>4 BOLT AIR GUNS</u> SOURCE DEPTH <u>10m</u>	SOURCE CAPACITY <u>4 @ 1500 cu in</u> <u>6000 cu in</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: <u>LOW 8Hz</u> <u>HIGH 62Hz</u> <u>NOTCH</u>	GAIN MODE <u>IFP</u> SLOPE <u>18db/oct</u> SLOPE <u>72db/oct</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. SAMPLE RATE <u>4ms</u> NOMINAL FOLD <u>24</u>	
REMARKS <u>16 sec rep rate</u>	



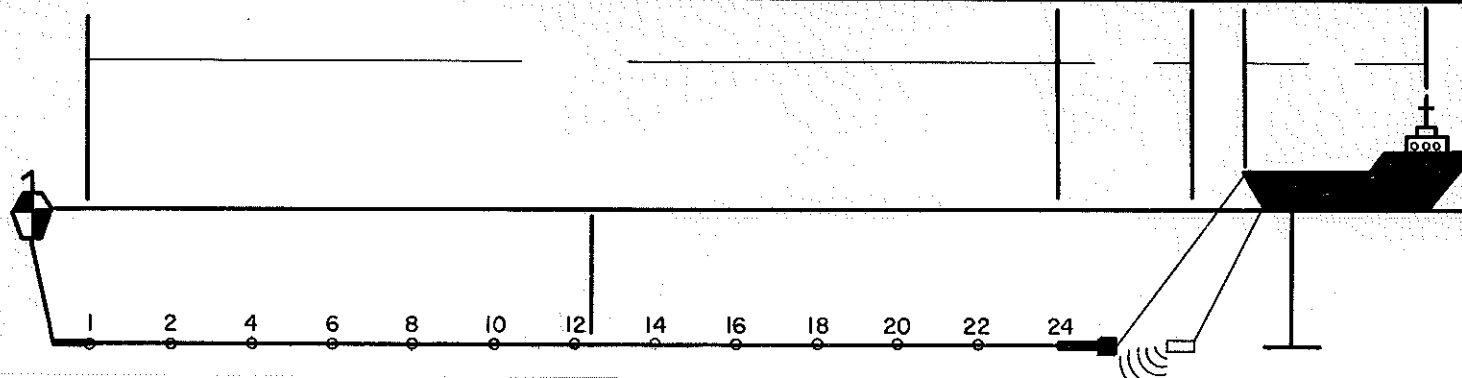
CRUISE				LINE				AREA-PROJECT																DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
FM 07-2				CS-28B				TX-LA SLOPES																25 FEB 81																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
0	1	0	4	0	2	3				0	7	2	1	6	8	6	6	7	7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

CRUISE <i>fm 07-2</i>	LINE <i>CS-27B</i>
START TIME <i>13 00</i> START LAT. <i>+27° 22.46' N</i> START LONG. <i>-090° 26.44' W</i>	END TIME <i>1643Z 25 Feb 81</i> ENDING LAT. <i>27° 36.48' N</i> ENDING LONG. <i>90° 25.13' W</i>
SOURCE <i>4 Bolt Air Guns</i> SOURCE DEPTH <i>10 m</i>	SOURCE CAPACITY <i>6000 m³</i>
NO. OF TRACES <i>24</i> NEAR TRACE # <i>24</i> <i>~ 300 m</i>	GROUP INTERVAL <i>70 m</i> FAR TRACE # <i>1</i> <i>1940 m (approx)</i>
INSTRUMENT <i>DFS IV</i> FILTERS: LOW <i>8+</i> HIGH <i>62</i> <u>NOTCH</u>	GAIN MODE <i>IFP</i> SLOPE <i>18 dB/oct.</i> SLOPE <i>72</i> <u>SLOPE</u>
DATA LENGTH MIN. <i>8s</i> MAX. NOMINAL FOLD <i>24</i>	SAMPLE RATE <i>4 ms</i>
REMARKS <i>16 sec Repetition Rate</i>	



CRUISE				LINE				AREA-PROJECT												DATE																											
FM 07-2				CS-27B				TX-LA SLOPES												25 FEB 81																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40								
0	13	00	06	07	2	1	7	2	0	1		60	32	53	62	54	72											685	29	31	28	28									1st shot line 27B						
0	13	06	59									60	63																30	31	25	30									ck shot						
0	13	18	06	07	2	1	7	2	6	8		61	35																												last shot						
0	13	18	07	07	2	1	7	3	2	6		61	36	53	86	60	42	63											30	32	24	29									1st shot						
0	13	32	07									62	22																29	28	24	29									ck shot						
0	13	47	55	07	2	1	7	3	8	0		63	15																29	27	25	25									ck shot						
0	13	56	07	07	2	1	7	3	4	1		63	54																												last shot						
0	13	56	23	07	2	1	7	4	1	2		63	55	52	55	68	40	62											29	30	21	29									1st shot						
0	14	11	08	07	2	1	7	4	8	6		64	67	53	54	65	42	60											30	31	26	30									chk shot						
0	14	33	45	07	2	1	7	4	5	1		65	70																												chk shot						
0	14	37	42									66	07																												last						
0	14	37	58	07	2	1	7	5	1	5		66	10	52	55	58	40	63											30	30	24	29									first						
0	14	51	35									66	14																												ck						
0	15	05	25	07	2	1	7	5	6	7		67	60	50	55	57	38	58											30	30	24	23									chk shot						
0	15	18	58									70	37																																		

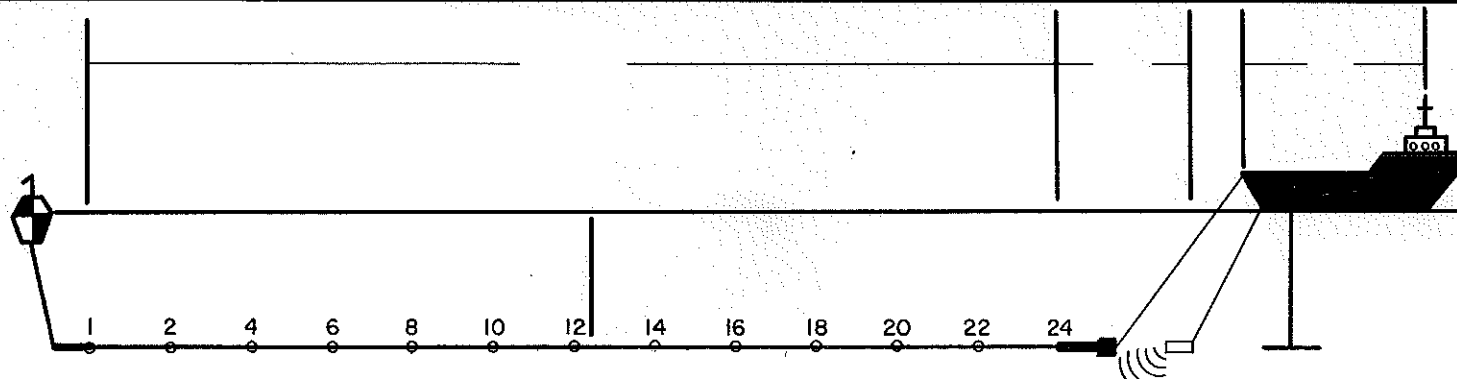
CRUISE <u>FM07-2</u>	LINE <u>CS-26</u>
START TIME <u>16432</u> <u>25 Feb 81</u> START LAT. <u>27 36.48 N</u> START LONG. <u>90 25.13 W</u>	END TIME ENDING LAT. ENDING LONG.
SOURCE <u>4 BOLT AIRGUNS</u> SOURCE DEPTH <u>10 M</u>	SOURCE CAPACITY <u>6000 cu in</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DPS IV</u> FILTERS: <u>LOW 8Hz</u> <u>HIGH 62Hz</u> <u>NOTCH</u>	GAIN MODE <u>7 FP</u> SLOPE <u>18 db/oct</u> SLOPE <u>92 db/oct</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4 ms</u>
REMARKS <u>16 sec rep rate</u>	



[illegible]

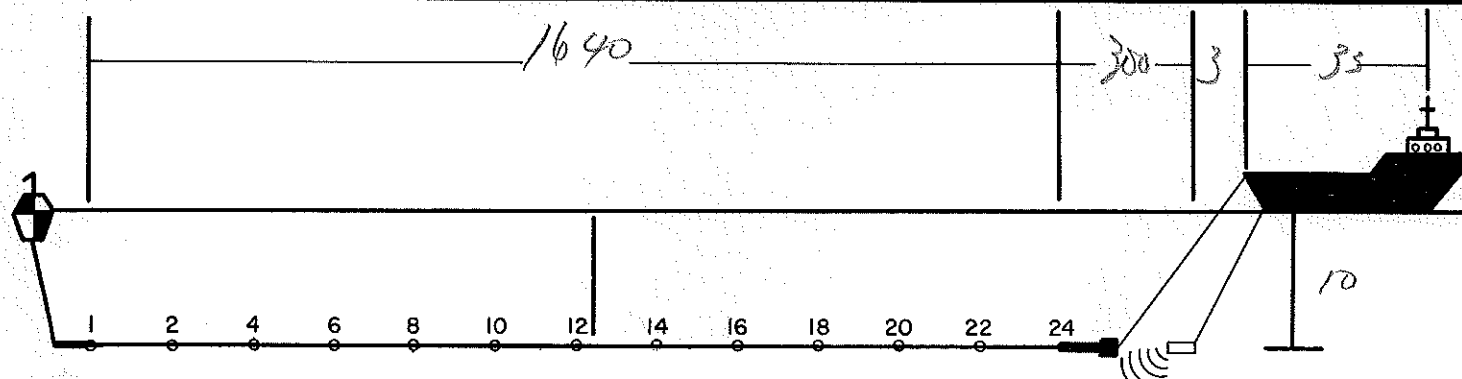
[illegible]

CRUISE <u>FM07-2</u>	LINE <u>CS-24</u>
START TIME <u>0018 26 FEB 1981</u> START LAT. <u>27 17.81</u> START LONG. <u>-90 46.77</u>	END TIME <u>071401 26 Feb 81</u> ENDING LAT. <u>27 17.25</u> ENDING LONG. <u>-91 35.02</u>
SOURCE <u>4 BOLT AIR GUNS -</u> SOURCE DEPTH <u>10.</u>	SOURCE CAPACITY <u>1500 m³ @</u> <u>6000 m³</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24/23</u>	GROUP INTERVAL <u>70M</u> FAR TRACE <u>2/1</u>
INSTRUMENT <u>DFSTV</u> FILTERS: <u>LOW 8</u> <u>HIGH 62</u> <u>NOTCH</u>	GAIN MODE <u>IFP</u> SLOPE <u>18</u> SLOPE <u>72</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. <u>12</u> NOMINAL FOLD	SAMPLE RATE <u>4</u>
REMARKS <u>23 SEC REP RATE - NOTE CHANGE IN REP RATE IN</u> <u>MIDDLE OF FIELD TAPE #072188</u>	



CRUISE		LINE		AREA-PROJECT														DATE	
FM07-2		CS-24		TX-LA SLOPES.														26 FEB 81	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	DATA (db)			TRIT	REC.	REP.	WATER	REL FIRE				CORRUPTION	REMARKS	CS
						INIT	RATE	FIRL	DEL.	LGTH	FLD	RATE	DOPT	FIR	TINES	OR LEAKAGE			INIT
002718	072189	9750	3016	54	57	36	47	-	-	1FP	-	-	8	12	23			first - (after CS-24 start)	
012035		9849	3231															lost	
012559	072189	9903	3247															lost	
012522	072190	9904	3250	50	54	57	35	45	-	1FP			8	12	23			lost	
014834	072190	9962	3342															first - HIGH PARITY ERRORS -	
014857	072191	9963	3343															lost - OUTSHOOT TARGET - MANY	
022437		0056	3500	50	54	56	36	43	-									PARITY ERRORS -	
024603		1111	3567										704	22	19	23	21	first	
024626	072192	1112	3570															ck	
032900		224	3759															last	
034507		266	4022										920	18	17	19	20	first	
034530	072193	1267	4023															ck	
041133		335	4127	50	53	58	36	44	-									last	
044018		1410	4242										840	18	22	15	19	first	
044041	072194	4111	4243															ck	parity errors
050012		488	4360	50	53	58	36	45	-									last	
053834		562	4472										732	18	23	16	17	FIRST	
053859	072195	563	4473	50	53	58	36	45	-									ck	
061826		666	4642															last	
063713	072195	714	4722															first	
063756	072196	715	4723	51	53	57	32	45										ck shot	
070254		782	5026															last	
071401		811	5063															first	
073608	072196	871	5156															begin turn to 144°	
																		Slow to 4.3 - to 16 sec replate	
																		last shot - end CS 24	

CRUISE	Fm 07-2		LINE	CS 23	
START TIME	0730Z 26 FEB. 81		END TIME	1952 Z, 26 FEB 1981	
START LAT.	27° 16' 32" N		ENDING LAT.	26° 52' 32" N	
START LONG.	91° 35' 84" W		ENDING LONG.	90° 42' 02" W	
SOURCE	4 BOLT AIRGUNS		SOURCE CAPACITY	1500 IN ³ EA.	
SOURCE DEPTH				TOTAL 6000 IN ³	
NO. OF TRACES	24		GROUP INTERVAL	70m	
NEAR TRACE	24		FAR TRACE	1	
INSTRUMENT	DFS IV		GAIN MODE	1PP	
FILTERS:	LOW 8		SLOPE	18	
	HIGH 62		SLOPE	72	
	NOTCH		SLOPE		
DATA LENGTH	MIN. 85	MAX.	SAMPLE RATE	4m 5	
NOMINAL FOLD	24				
REMARKS	16 sec REP RATE				



CRUISE			LINE		AREA-PROJECT										DATE	
FM07-2			CS-23		TX-LA SLOPES										26 Feb 81	
TIME	REEL	SH. PT	RECORD NO.	STIMER	DEPTH	GAIN (db)		TRIP DEL.	REC. LGTH	FLU	REP. RATE	WATER DEPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB. INET
				1	2	3	4	5	6	INIT RATE	FIRE					
736 12 11	0721 97	1872	5150	55	54	62	48	65					22 24 27 27		First shot - start 8s 23	
751 12		1950	5276										24 26 31 29		ck shot	
800 6 0		1983	5337												end of turn	
811 11 12	0721 97	1025	5411												last shot	
811 12 28	0721 98	1026	5412												First shot	
853 5 12	0721 98	1118 5	5651										32 33 29 30		last shot	
854 0 18	0721 99	1118 6	5652	53	53	59	36	55							First shot	
934 2 4	0721 99	1336	6101										24 27 27 28		last shot	
934 4 10	0722 00	1337	6102												First shot	
958 8 40		1428	6234	53	53	58	36	52					36 23 26 28		ck shot	
1012 48		1481	6321												ck shot	
1016 48	0722 00	1496	6340										32 24 27 30		Last shot	
1017 04	0722 01	1497	6341												First shot	
13 shots lost - TAPE BREAKAGE																
1020 49	0722 01	1511	6343												First good shot	
1027 44		1537	6375	57	52	57	35	48				1180	30 28 31 31		ck shot	
1039 44		1582	6452												ck shot	
1052 16		1629	6531												ck shot	
1059 46	0722 01	1664	6574										29 36 27 36		Last shot	
1101 52	0722 02	1665	6575	50	52	58	35	48				904	28 39 29 33		First shot	
1116 32		1720	6664												ck shot	
1131 28		1776	6754												ck shot	
1143 44	0722 02	1822	7032										30 33 28 33		Last shot	
1144 00	0722 03	1823	7033	51	52	58	35	48				1060	33 34 29 33		First shot	

CRUISE			LINE		AREA-PROJECT														DATE																				
FM07-2			CS-23		TX-LA SLOPES														26 FEB 81																				
TIME		REEL		SH. PT		RECORD NO.		STAMER		DEPTH		GADP (db)		TRIP		RECD		REP.		WATER		REL FIRE		CONTINUITY		REMARKS		OS											
												INITI		RATE		FINE		DEL.		LGTH		FLD		RATE		UPTH		(Fm)		TIMES		OR LEAKAGE							
11 59 44		07 22 03		1882		71 26						1PF						8		24		16				37		31		30		34		ck shot					
12 15 12				1940		72 20																				33		33		32		33		ck shot					
12 24 48		07 22 03		1976		72 64																										last							
12 25 04		07 22 04		1977		72 65		57 53 58 35 48														1052		32		32		32		39		first							
12 51 28				2076		74 30																										ck shot							
1 30 6 24		07 22 04		2132		75 20																										last shot							
1 30 6 41		07 22 05		2133		75 21		56 56 63 36 55																936		33		35		36		31		first shot					
1 32 1 52				2190		76 12																										ck shot							
1 33 6 32				2245		77 01		55 56 63 36 55																		32		30		37		30		ck shot					
1 34 7 18		07 22 05		2286		77 52																										last shot							
1 34 7 44		07 22 06		2287		77 53		54 56 64 36 55														868		31		30		33		39		first shot							
1 35 8 40				2328		01025																										ck shot							
1 41 9 59				2408		0145		57 57 64 36 55																		33		29		32		32		check shot					
1 42 8 48				2440		0205																										last							
1 42 9 11		07 22 07		2441		0206		56 57 64 38 64																		31		26		33		33		first					
1 44 0 53				2482		0263		57 57 64 38 60																				29		25		32		32		ck shot			
1 45 9 12		07 22 07		2555		0370		57 58 65 38 62														1024		33		26		32		38		check shot							
1 50 9 05		07 22 07		2591		0434																										last shot							
1 50 9 21		07 22 08		2592		0435		58 58 65 38 60																		34		26		31		33		first shot					
1 52 3 28		07 22 08		2646		6523		59 60 65 40 65														880		33		32		30		33		check shot							
1 53 8 40		07 22 08		2703		0614		52 60 65 40 64																		33		32		31		32		check shot					
1 54 8 17		07 22 08		2742		0663																				33		33		29		34		last shot					
1 54 8 30		07 22 09		2743		0664		57 59 66 39 63																								first shot							
1 56 0 52				2820		11001																										ck shot							

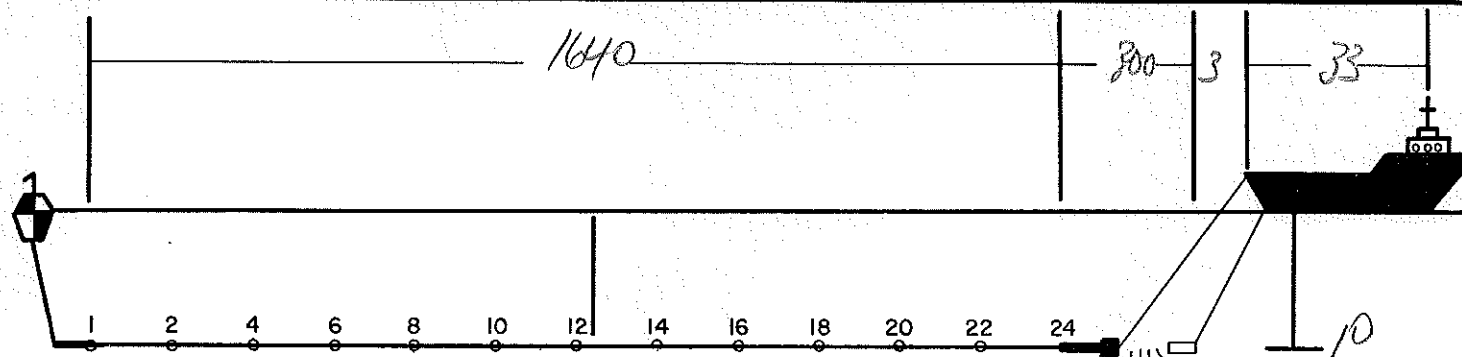
1701/1706

D.F.S. LOG

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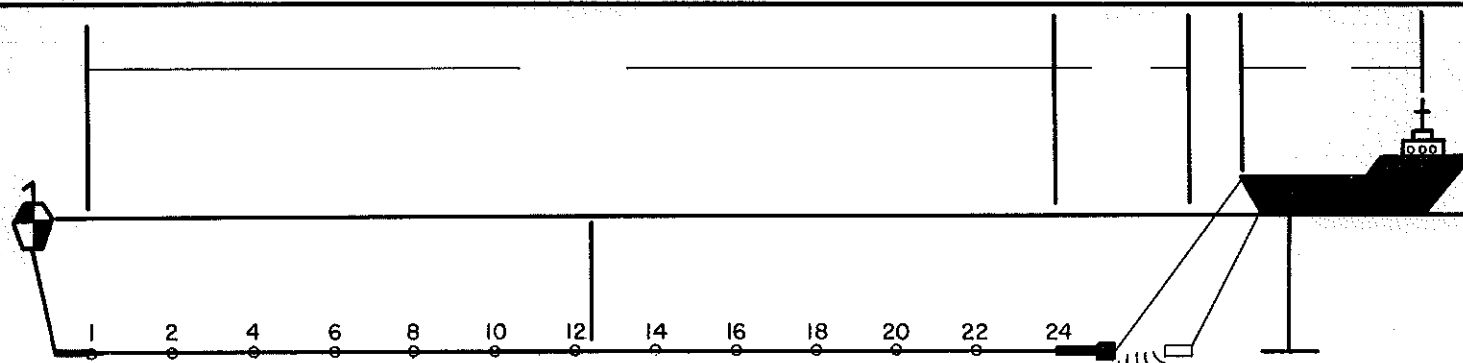
CRUISE <i>Fm07-2</i>	LINE <i>CS-22</i>
START TIME <i>0953Z, 26 FEB '81</i> START LAT. <i>26° 52' . 32 N</i> START LONG. <i>90° 42' . 02 W</i>	END TIME <i>0953Z, 27 FEB '81</i> ENDING LAT. <i>26° 59' . 82 N</i> ENDING LONG. <i>91° 51' . 16 W</i>
SOURCE <i>4 BOLT AIRGUNS</i> SOURCE DEPTH <i>10m</i>	SOURCE CAPACITY @ <i>1500 IN³</i> <i>TOTAL 6000 IN³</i>
NO. OF TRACES <i>24</i> NEAR TRACE <i>24</i>	GROUP INTERVAL <i>70m</i> FAR TRACE <i>1</i>
INSTRUMENT <i>DPSTV</i> FILTERS: LOW <i>8</i> HIGH <i>62</i> NOTCH	GAIN MODE <i>1F</i> SLOPE <i>18</i> SLOPE <i>72</i> SLOPE
DATA LENGTH MIN. <i>85</i> MAX. <i>24</i> NOMINAL FOLD	SAMPLE RATE <i>4m 5</i>
REMARKS <i>16 sec. REP. RATE</i>	



CRUISE				LINE				AREA-PROJECT												DATE																											
FMO 7-2				CS-22				TX-LA SCOPES												26 Feb 81																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLU		REP.		WATER		REL FIRE				CONTINUITY				REMARKS				OB	
1 2 3 4				5 6 7 8 9				10 11 12 13 14				15 16 17 18 19				20 21 22 23 24				INIT RATE FINL				DEL.		LGTH		RATE		DPTH (Fm)		TIMES				OR LEAKAGE								INIT			
0195248				072215				3656				2466				5456603757				- 1FP -						8		24		16				27 27 28 28								Begin CS-22					
0203008								3796				2702																				34 32 30 32								ck shot end turn							
0203424								38112				2722																												last shot							
0203440				072216				38113				2723				5558634779				-												33 33 31 32								first shot							
0210000								39018				3062				6061654980				-												34 36 21 43								ck shot							
02111736								3974				3164																												last shot							
02111752				072217				3975				3165																												first shot							
02111840								3978				3170				5860654979				-																				Final Shot - tape winds were out							
02139112								4055				3305																				32 39 35 29								ck shot - first good shot							
02159112								4130				3420																				32 47 33 30								ck shot							
0215928				072218				4131				3421																												last shot							
02241120				072218				4288				3656																				33 35 50 30								first shot							
02241136				072219				4289				3657				5157605790				- 1FP -				8		24		16				29 24 24 25								first							
02262240				072219				4413				4111																												LAST SHOT							
02322256				072220				4444				4112				5861656193				- 1FP -				8		24		16				25 29 32 30								FIRST SHOT							
030044312				072220				4600				4346																												LAST SHOT							
03004448				072221				4601				4347				6058605637				- 1FP -				8		24		16				30 33 28 31								FIRST SHOT							
0304502				072221				4752				4576																												LAST							
0304520				072222				4753				4577				6060665850				- 1FP -				8		24		16				30 34 36 41								first							
03012712				072222				49110				5034																												LAST							
03012728				072223				49111				5035				5158645831				- 1FP				8		24		16				34 33 28 20								first							
03020657								5059				5261																												LAST							
03020703				092224				5060				5262				6163665891																								first							
03023752								5175				5445																		1157		26 26 26 27								ck							
03030303				05713132				05713132																																							

CRUISE FM07-2				LINE CS-22		AREA-PROJECT TX-LA SLOPES										DATE 27 Feb 81			
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP	REC.	FLD	REP.	WATER	REL FIRE				CONTINUITY	REMARKS		OB
1 2 3 4	5 6 7 8 9	10 11 12 13	14 15 16 17 18	19 20 21 22	23 24 25 26	INIT RATE FINL	DEL.	LGTH		RATE	DEPTH (Fm)	1	2	3	4	OR LEAKAGE			INIT
0024900	072224	5213	5513			JFP		8	24	16							last		
0024816	072225	5214	5514														first		
0030400		5274	5607														ck		
0032816		5364	5742														last		
0032832	072226	5365	5743	60	58	63	55	86	-			32	40	24	28		first		
0034726		5436	6052									24	28	23	-		ck	0355Z gun #4 down	
0040846		5516	6172														last		
0040902	072227	5517	6173														first	short tape - partly errors	
0042016	072228	5559	6237														last	missed shots 5555-5558	
050046		5712	6471									25	29	31	-		first		
0501002	072229	5713	6472	58	60	65	55	85	-								last		
0512952		5820	6646								960	24	29	28	-		first		
0514255		5869	6727									24	26	23	-		ck	0537Z all 4 guns up	
0514311	072230	5870	6730									24	26	24	23		last		
0600100		5936	7032														first		
0607112		5960	7040	64	62	65	60	100									0600 compressor down ^{stop} tape		
063128	072230	6051	7173														0607 compressor up ^{start} tape		3
063144	072231	6052	7174														last shot 4 guns up		
0711304	072231	6207	7427														first shot		
0711320	072232	6208	7430														last shot ^{elastic maneuvers} to avoid vessel		
0718704		6297	7521	56	62	69	68	97									last shot back to course + speed		
075555	072232	6365	7665									21	20	21	23		ck shot		
075531	072233	6366	7666														last shot		
080222												23	25	25	23		first shot		

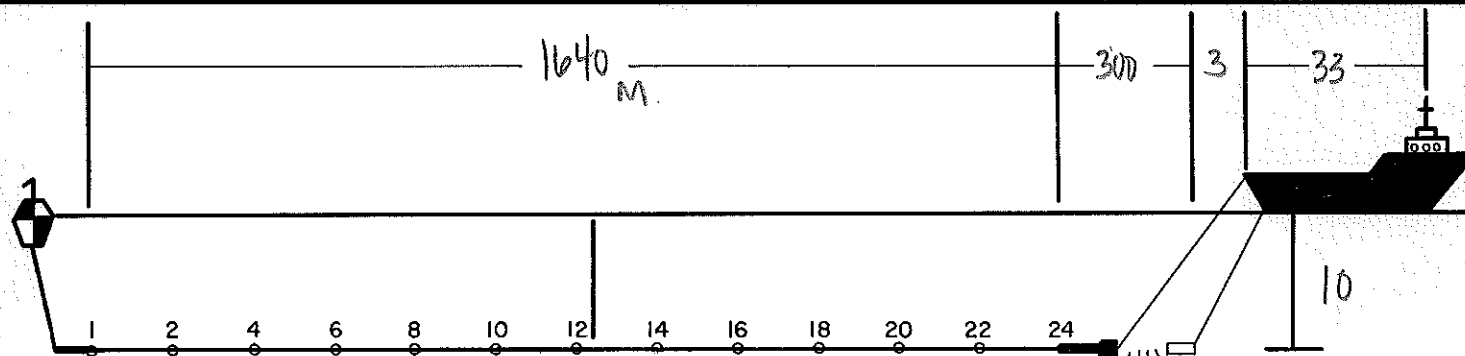
CRUISE <i>FMØ7-2</i>	LINE <i>CS-21</i>
START TIME <i>0953Z, 27 FEB 81</i> START LAT. <i>06° 59' 82" N</i> START LONG. <i>91° 51' 16" W</i>	END TIME <i>1134Z, 27 FEB 81</i> ENDING LAT. <i>06° 52' 54" N</i> ENDING LONG. <i>91° 55' 28" W</i>
SOURCE <i>4 BOLT AIRGUNS</i> SOURCE DEPTH <i>10 m</i>	SOURCE CAPACITY <i>1500 m³</i> <i>Total 6000 m³</i>
NO. OF TRACES <i>24</i> NEAR TRACE <i>24/23</i>	GROUP INTERVAL <i>70 m</i> FAR TRACE <i>2/1</i>
INSTRUMENT <i>DFS IV</i> FILTERS: LOW <i>8</i> HIGH <i>62</i> NOTCH	GAIN MODE <i>1PP</i> SLOPE <i>18</i> SLOPE <i>72</i> SLOPE
DATA LENGTH MIN. <i>8s</i> MAX. NOMINAL FOLD <i>24</i>	SAMPLE RATE <i>4m/s</i>
REMARKS <i>16 SEC. REP. RATE.</i>	



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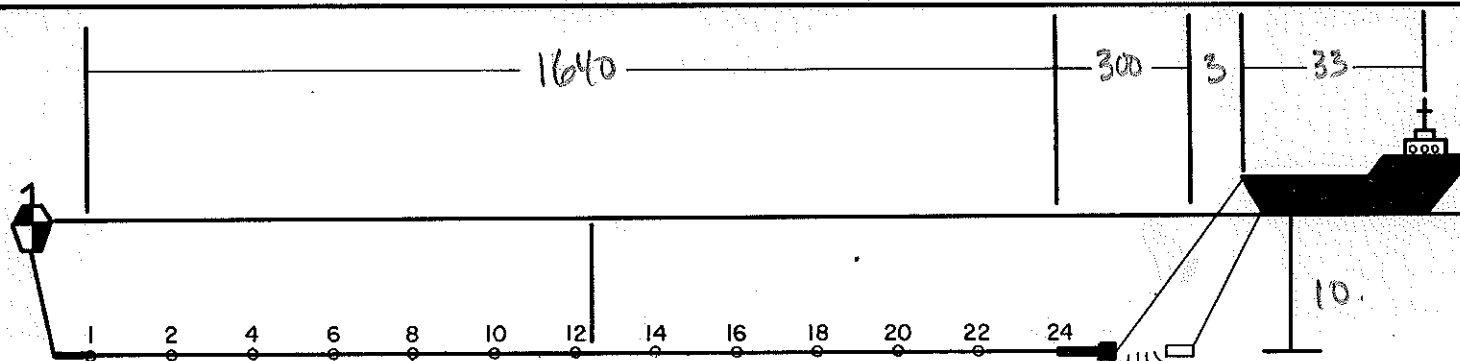
CRUISE FM 07-2				LINE CS 21		AREA-PROJECT TX-LA SLOPES										DATE 27 FEB '81																		
TIME				REEL				SH. PT		RECORD NO.		STRMER DEPTH				GAIN (db)		TRIP DEL.		REC. LGTH		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT		
01	13	40	3	07	22	39	71	86	13	34							- 1/2		8	24	16				22	24	38	21					Lant	
02	13	4																													Begin			
03	13	4																													manoeuvring for stream			
04	13	4																													partly obscured			
05	13	4																													speed to 6 KTS			
06	13	4																													c/c			
07	13	4																																
08	13	4																																
09	13	4																																
10	13	4																																
11	13	4																																
12	13	4																																
13	13	4																																
14	13	4																																
15	13	4																																
16	13	4																																
17	13	4																																
18	13	4																																
19	13	4																																
20	13	4																																
21	13	4																																
22	13	4																																
23	13	4																																
24	13	4																																

CRUISE FM07-2	LINE CS-20
START TIME 2025 27 FEB 1981 START LAT. 26° 52.84' N START LONG. 91° 58.35' W	END TIME 2315Z 27 FEB 1981 ENDING LAT. 27° 05.14' N ENDING LONG. 92° 11.70' W
SOURCE 4 BOLT AIR GUNS - SOURCE DEPTH 10 M.	SOURCE CAPACITY 1500 IN ³ @ 6000 IN ³ .
NO. OF TRACES 24 NEAR TRACE 24/23	GROUP INTERVAL 140 FAR TRACE 2/1
INSTRUMENT DPS IV FILTERS: LOW 8 HIGH 62 NOTCH	GAIN MODE 11FP SLOPE 18 SLOPE 72 SLOPE
DATA LENGTH MIN. 8s MAX. NOMINAL FOLD 12	SAMPLE RATE 4ms
REMARKS 23s REP RATE. <u>NOTE</u> PROBLEMS WITH TIME BREAKS WITH TAPE DRIVE A - PWS ADDITION OF 100MS TO MASTER DELAY -	



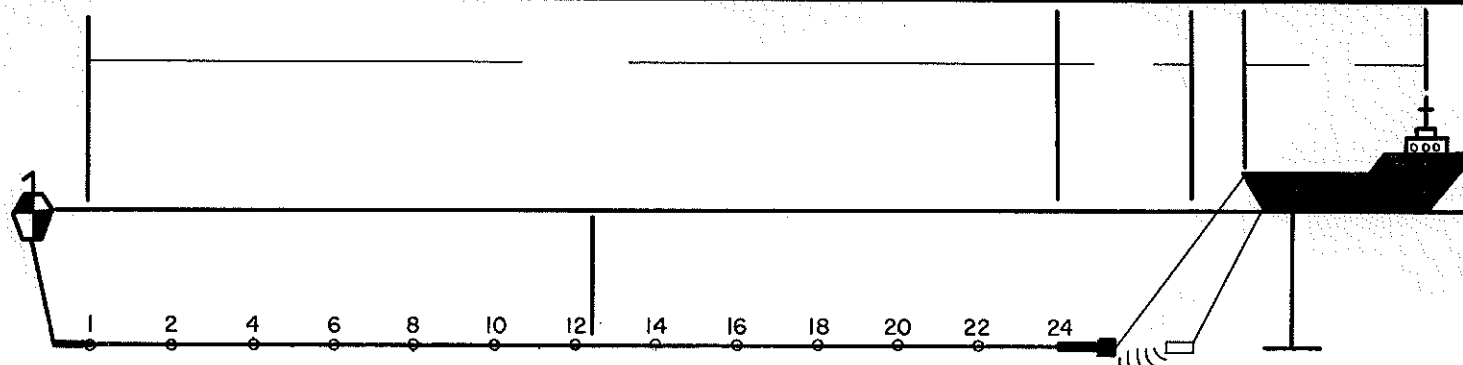
CRUISE				LINE				AREA-PROJECT												DATE															
FM 97-2				CS-20				TX-LA SLOPES												27 FEB '81															
TIME				REEL				SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP DEL.		REC. LGTH		FLU		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT			
1 2 3 4				5 6 7 8 9 10				11 12 13 14		15 16 17 18 19 20		21 22 23 24 25 26		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE							
0207213				072240				91139		1335								8		12		23								First Shot 3 guns					
0202336								91140		1363		5354612240												20		-2121				2nd shot					
0202554								91146		1371																				OK shot Begin CS-20					
0204550								911918		1455																				OK shot 2 guns - gun #3 pre-20					
0205221								912115		1476		5456664443												22		-8024				OK shot 10 shots.					
0212215								912193		1614																22		-1719				3gun back up. - OK shot.			
0212238				072241				912194		1615		5456664243																		last shot					
0214905								91303		1722																22		-1921				first shot			
0215450								91378		1741																22		-1922				OK shot			
022118								91447		2046																						one gun preceded by ~30 shots of			
022141				072242				91448		2047																						one gun then back to 3 guns			
0231150								915218		2167																						OK			
0231150								91541		2204																						JUNK			
0231150								91588		2263																						NOTE LATE TIME BREAKS CORRECTED			
0231150																																ADD 100MS MASTER DELAY			
0231150																																ITB			
0231150																																END CS-20			

CRUISE <u>FMØ7-2</u>	LINE <u>CS-19</u>
START TIME <u>2315Z 27 FEB 81</u> START LAT. <u>27° 05.14' N</u> START LONG. <u>92° 11.70' W</u>	END TIME <u>0602Z 28 Feb 81</u> ENDING LAT. <u>26 42.58 N</u> ENDING LONG. <u>92 46.15 W</u>
SOURCE <u>4 BOLT AIR GUNS</u> SOURCE DEPTH <u>10 M</u>	SOURCE CAPACITY <u>1500 IN³ @</u> <u>6000 IN³</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24/23</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE <u>2/1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: <u>LOW 8</u> <u>HIGH 62</u> <u>NOTCH</u>	GAIN MODE <u>IFP</u> SLOPE <u>8</u> SLOPE <u>72</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. <u>12</u> NOMINAL FOLD <u>12</u>	SAMPLE RATE <u>4 ms.</u>
REMARKS <u>23s RCP RATE</u>	



CRUISE FMØ7-2					LINE CS-19					AREA-PROJECT TX-LA SLOPES										DATE 27-28 FEB 1981				
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP	REC.	FLD	REP.	WATER	REL FIRE	CONTINUITY	REMARKS		OB								
							DEL.	LGTH		RATE	DEPTH	TIMES	OR LEAKAGE			INIT								
											(Fm)													
0231545		915819	2264																					
02311823	0722412	915916	2073											Begin CS-19										
02311846	0722413	915917	2274	54	56	66	43	40		189				last										
0231321		916315	2342						8	12	23	21	20	23	23	first								
02011726	0722413	9171510	2525											check shot										
02011749	0722414	9171511	2526	54	56	65	43	45				19	19	20	19	last								
02013613		9171919	2606											first										
02114516	0722414	919010	2753											ck shot										
0211520	0722415	919011	2754	54	56	64	42	44		189				last										
02213112		0101512	3203						8	12	23	17	18	18	18	first								
0221335	0722416	0101512	3204	55	56	65	43	44						last										
02243106		111310	3321									19	19	19	19	first								
02211020		121011	3430											ck										
02211043	0722417	121012	3431								768			last										
0233536		21617	3532	54	55	62	42	38						first										
0240921		31515	3662									21	20	20	22	check shot								
02409144	0722418	31516	3663	54	55	62	44	44						last 0405Z Sonobuoy deployed										
0244219		41411	4010									20	21	20	21	first								
0250846		5110	4116								984			ck										
02509109	0722419	5111	4116	54	54	62	42	42				19	23	20	22	last								
0253854		51816	4231											first										
0260312		6132	4333											Begin turn 0520Z										
														0534 Sonobuoy 5/6. lost										
														ck shot										
														End turn begin CS 18B										

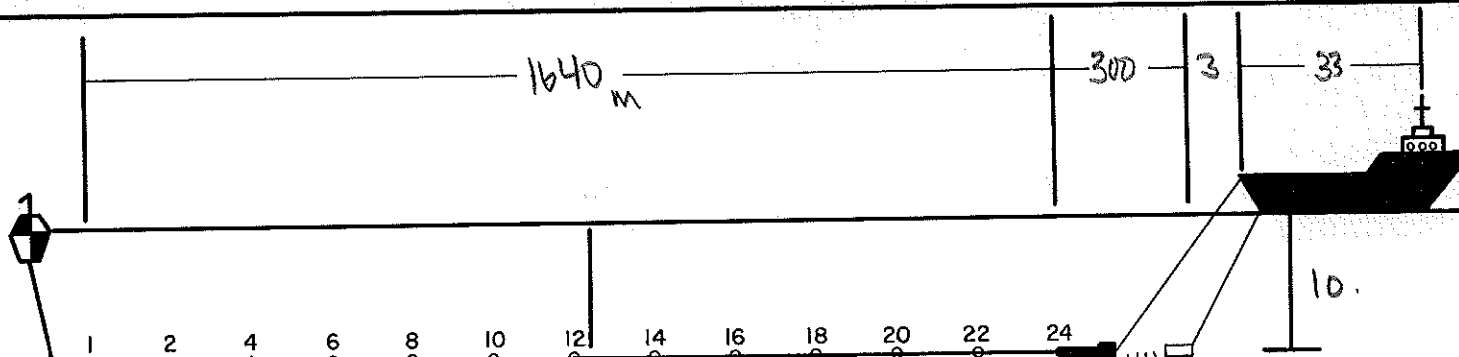
CRUISE <u>FM07-2</u>	LINE <u>CS-18B</u>
START TIME <u>0602 Z 28 Feb 81</u> START LAT. <u>26 42.58 N</u> START LONG. <u>92 46.15 W</u>	END TIME <u>1315 Z 28 Feb 81</u> ENDING LAT. <u>27° 24.92 N</u> ENDING LONG. <u>92° 59.28 W</u>
SOURCE <u>4 BOLT AIRGUNS</u> SOURCE DEPTH <u>10M</u>	SOURCE CAPACITY <u>6000 cu in</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>20m</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: <u>LOW 8HZ</u> <u>HIGH 62 HZ</u> <u>NOTCH</u>	GAIN MODE <u>IFP</u> SLOPE <u>18 db/oct</u> SLOPE <u>92 db/oct</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. <u> </u> NOMINAL FOLD <u>12</u>	SAMPLE RATE <u>4ms</u>
REMARKS <u>23 sec rep rate</u>	



CRUISE				LINE		AREA-PROJECT										DATE							
FM 07-2				CS 188		TXCA slopes										28 Feb 81							
TIME		REEL		SH. PT	RECORD NO.		STRMER		DEPTH		GAIN (db)		TRIP	REC.	FLU	REP.	WATER	REL FIRE		CONTINUITY		REMARKS	DB
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
01	606	19	072249	660	4343											23						lost slot	
02	606	35	072250	661	4344	55	55	60	43	40								20	21	20	21	lost slot	
03	609	55	072250	753	4500													20	20	20	20	lost slot	
04	703	00	072250	808	4567																	lost slot	
05	703	23	072251	809	4570																	first slot	
06	804	26	072251	918	5022																	lost slot	
07	804	43	072252	969	5032	56	55	63	42	46								20	20	20	20	first slot	
08	835	46		1050	5151													21	21	21	21	lost slot	
09	902	36	072253	1128	5257													20	20	20	20	lost slot	
10	902	59	072253	1121	5266																	first slot	
11	936	43	072253	1209	5410													20	20	20	20	lost slot	
12	10012	47	072253	1277	5514																	lost slot	
13	10012	09	072254	1278	5515																		
14	10105	00		1298	5536	55	55	63	42	43								22	22	22	22	first shot - missed shot max tape kept raw in dry chet	
15	10410	07		1372	5655	54	55	62	42	44								18	18	21	18	lost slot	
16	10521	14		1406	5712																	lost slot	
17	10344	04	072254	1436	5750																	lost slot	
18	10407	07	072255	1437	5751	51	55	62	42	45								23	22	21	24	lost slot	
19	11732			1472	6014																	first slot	
20	11370	05		1523	6077	54	55	63	42	45								24	20	20	18	lost slot	
21	12020	00	072255	1580	6200																	lost slot	
22	12022	23	072256	1589	6201	53	55	63	42	42								16	16	16	16	lost slot	
23	12211	00		1638	6262																	lost slot	
24	12441	00		1698	6350	54	55	61	42	43								19	19	20	19	lost slot	

[illegible]

CRUISE <u>FM07-2</u>	LINE <u>CS-18A</u>
START TIME <u>1315Z 28 FEB 1981</u> START LAT. <u>27 24.92 N</u> START LONG. <u>92 59.28 W</u>	END TIME ENDING LAT. ENDING LONG.
SOURCE <u>4 BOLT AIR GUNS.</u> SOURCE DEPTH <u>10 m</u>	SOURCE CAPACITY <u>1500 IN³</u> <u>6000 IN³ TOTAL</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70 M.</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: <u>LOW 8</u> <u>HIGH 62</u> <u>NOTCH</u>	GAIN MODE <u>IFP</u> SLOPE <u>18</u> SLOPE <u>72</u> SLOPE <u> </u>
DATA LENGTH MIN. <u>8s</u> MAX. <u> </u> NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4s.</u>
REMARKS <u>16s REP RATE -</u>	



CRUISE

FM07-2

LINE

CS-18A

AREA-PROJECT

TX-LA SLOPES

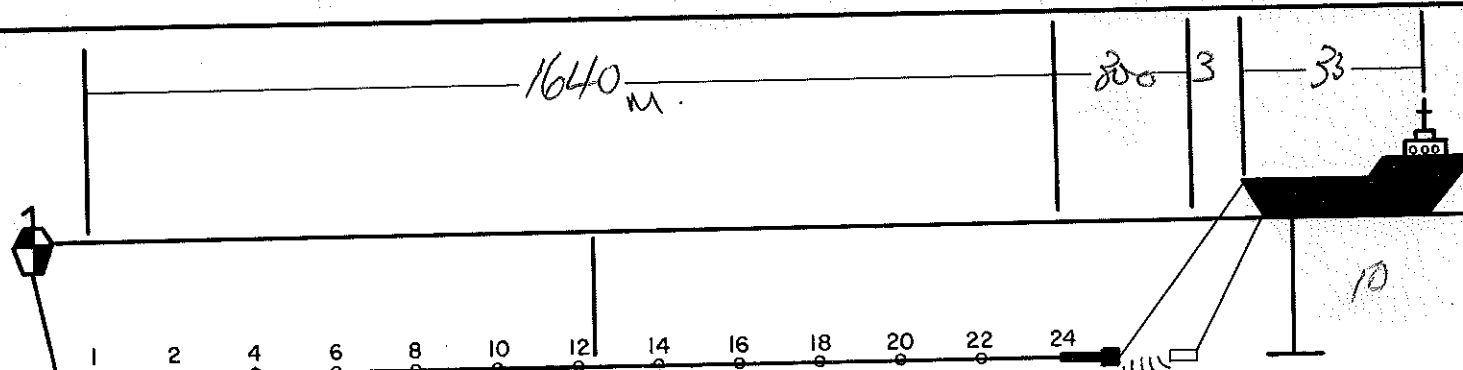
DATE

28 FEB 81

TIME	REEL	SH. PT	RECORD NO.	STRMER DEPTH	GAIN (db)	TRIP DEL.	REC. LGTH	FLU	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	DB INIT
131324	072257	17714	64772	52 54 63 44 51	-	1PP								
131956		17917	6521				8	24	16		21 21 25 21		Begin 18A -	
134500	072257	18912	6661										Ch chg.	
134516	072258	18914	6662	57 62 66 44 58	-	1PP							LAST	
141006		191817	71017				8	24	16	490 fm	22 22 27 22		FIRST -	
141211		201410	71104										ck	
142431	072259	20141	71105	56 60 65 44 54	-								last	
145334		21150	71262								22 20 31 20		first	
150534		211915	71339										ck	
150550	072260	211916	71340	59 60 62 45 52	-								last	
153032	072260	221818	71474							421	23 31 27 31		first	
154534		223415	71565								24 26 26 26		check shot	
154550													last	
160712	072261	231416	71566	57 60 65 45 61							23 25 22 25		first	
160726		24127	7207	60 60 65 50 61							22 26 29 25		check shot	
162638		241919	010120										last	
162654	072262	25100	010211										first	
165510		26117	6206	60 60 63 46 65							25 25 33 32		ck	
170710	072262	26511	0256										last shot	
170726	072263	2652	0251	61 60 65 44 62							22 22 33 22		first shot	
173126		27142	04103								26 30 23 30		ck	
174311		272816	0457	62 61 65 45 63							28 31 26 31		ck st	
174715	072263	28011	0476										last shot	
174728	072264	2802	0477										first shot	
175958	072264	2849	0556								27 35 26 22		last shot	
													first shot	
													last shot	

1800Z DFS off - heading toward
gal to meet copter

CRUISE <u>FMØ7-2</u>	LINE <u>CS 17</u>
START TIME <u>2150Z, 28 FEB. 1981</u> START LAT. <u>27°45'.00N</u> START LONG. <u>92°53'.09W</u>	END TIME ENDING LAT. ENDING LONG.
SOURCE <u>4 BOLT AIR GUNS</u> SOURCE DEPTH <u>10m.</u>	SOURCE CAPACITY <u>1500 IN³ EA.</u> <u>TOTAL 6000 IN³</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70m</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: LOW <u>8</u> HIGH <u>62</u> NOTCH	GAIN MODE <u>1FP</u> SLOPE <u>8</u> SLOPE <u>72</u> SLOPE
DATA LENGTH MIN. <u>8S</u> MAX. <u>4mS</u> NOMINAL FOLD <u>24</u> CHANGING TO <u>12</u>	
REMARKS <u>16s REP RATE TO BEGIN - CHANGED TO 12 FOLD CONFIGURATION AT 2300Z (23s REP RATE, 6 KTS) FOR REASONS OF STEERING DIFFICULTIES -</u>	

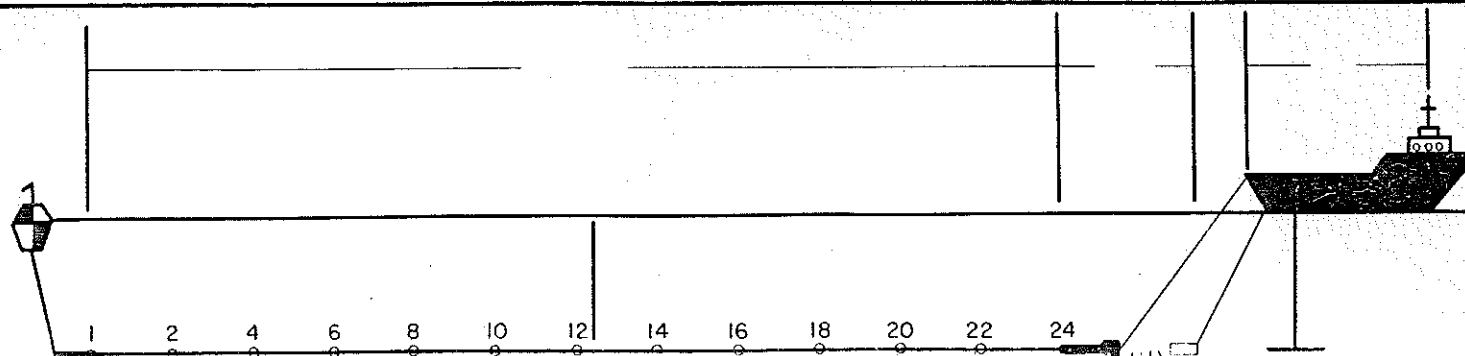


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CRUISE FM 07-2				LINE CS-17		AREA-PROJECT TX-LA SLOPES										DATE 1 March 81												
TIME				REEL	SH. PT.	RECORD NO.	STRMER DEPTH				GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE	REMARKS	OB INIT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26			
0	2	3	6	1	4	07221711	37	16	3		2	4	0	4												first		
0	3	0	3	5	0		3	8	13	5		2	5	1	4											ck		
0	0	3	3	4	4	0	3	9	11	5		2	6	3	4											last		
0	0	3	3	4	5	3	0	7	2	2	7	12	3	9	11	6			560	15	22	21	20			first		
0	4	1	1	2	2	7		4	0	11	4		2	7	7	7										ck		
0	4	1	3	1	3	7		4	0	16	4		3	0	6	1										last		
0	4	1	3	2	0	0	0	7	2	2	7	13	4	0	6	5			576	18	21	22	22			first		
0	5	0	4	1	2			4	1	4	9		3	2	0	6										ck		
0	5	2	9	5	14			4	2	1	6		3	3	1	1										last		
0	5	3	0	1	17	0	7	2	2	7	4		4	2	1	7				22	23	22	24			first		
0	5	5	6	2	0			4	2	8	5		3	4	1	6										ck		
1	2	6	1	2	7	4	6	0	7	2	2	7	4	1	3	6	7									last		
1	3	6	1	2	8	0	7	0	7	2	2	7	5	4	3	6	8									first		
1	3	6	1	2	8	3	2	0	7	2	2	7	5	4	3	6	9									lost shot due to data error		
1	3	6	1	2	8	4	3	0	7	2	2	7	5	4	4	0	6			16	21	23	25	26		ck - start turn to 004°		
1	0	6	5	2	1	8		4	4	3	1		3	6	3	7										begin 24 channel		
1	7	6	5	8	14	7	0	7	2	2	7	5	4	4	4	5	4									end CS-17		
1	3																											
1	4																											
1	5																											
1	6																											
1	7																											
1	8																											
1	9																											
1	0																											
1	1																											
1	2																											
1	3																											
1	4																											
1	5																											

3555
05

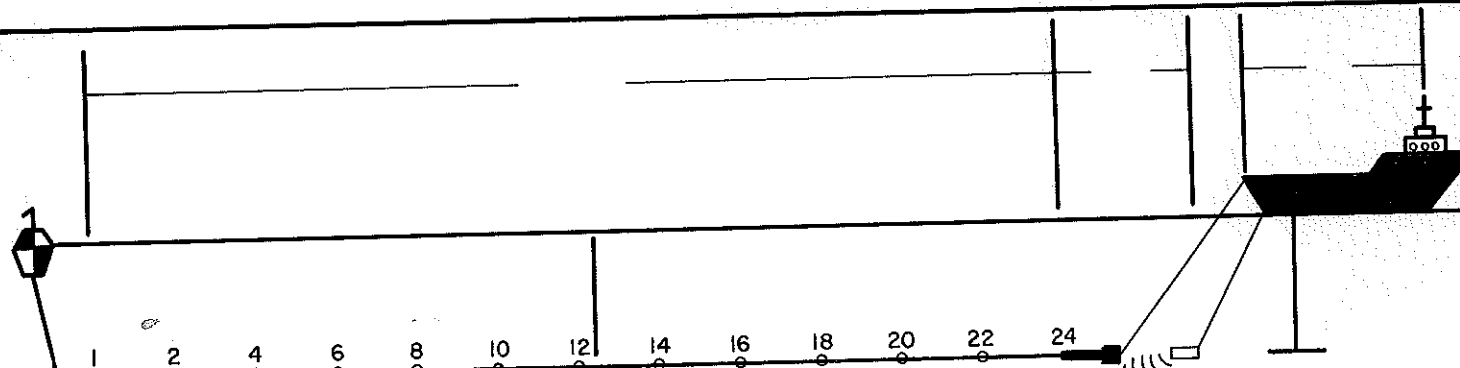
CRUISE <i>FM07-2</i>	LINE <i>CS-16</i>
START TIME <i>0659⁰⁰</i> START LAT. START LONG.	END TIME ENDING LAT. ENDING LONG.
SOURCE <i>4 ball air gun</i> SOURCE DEPTH <i>10</i>	SOURCE CAPACITY
NO. OF TRACES NEAR TRACE	GROUP INTERVAL FAR TRACE
INSTRUMENT FILTERS: LOW HIGH NOTCH	GAIN MODE SLOPE SLOPE SLOPE
DATA LENGTH MIN. <i>8</i> MAX. SAMPLE RATE NOMINAL FOLD <i>24</i>	
REMARKS	



CRUISE				LINE				AREA-PROJECT										DATE													
FM 07-2				CS 16				TX LA SLOPES										01 MARCH 81													
TIME		REEL		SH. PT		RECORD NO.		STRMER		DEPTH		GAIN (db)		TRIP		REC.		FLD		REP.		WATER		REL FIRE		CONTINUITY		REMARKS		OB	
1 2 3 4		5 6 7 8 9		10 11 12 13 14		15 16 17 18 19 20		21 22 23 24 25		26 27 28 29 30		INIT RATE FINL		DEL.		LGTH				RATE		DPTH		TIMES		OR LEAKAGE				INIT	
01 16 59 3		07 22 7 5		4 1 5 5		3667						149		8		24		16				19 18 25 29						begin CS 16 - 24 chul		↓	
02 17 14 1 5		07 22 7 5		4 1 1 0		3754																						last shot - last shot - change tape		OK	
03 17 19 3 1		07 22 7 6		1 5 1 3		3755		50 56 62 43 51														27 27 26 26						first shot		BS	
04 17 24 7				4 1 1 9		4123																27 28 24 24						ok shot end of turn		↓	
05 17 54 1 6		07 22 7 6		4 1 6 2		41202																						lost shot			
06 17 54 3 2		07 22 7 7		4 1 6 3		4203																28 27 26 26						first shot			
07 18 23 5 1				4 1 7 3		41361																26 26 27 27						ck		↓	
08 18 35 0 3		07 22 7 7		4 1 8 1 5		41433																26 26 25 25						lost			
09 18 51 1 19		07 22 7 8		4 1 8 1 6		41434		55 58 52 42 50																				first			
10 18 51 1 5 1				4 1 8 1 8		41532																26 26 26 26						ck			
11 19 16 39		07 22 7 8		4 1 9 1 1		416166																						lost			
12 19 16 55		07 22 7 9		4 1 9 1 2		416167																26 24 27 27						first			
13 19 44 3 5				5 0 7 1 6		51038																27 24 26 26						ck			
14 19 58 4 7		07 22 7 9		5 1 1 2 9		51125																						lost			
15 19 59 10 3		07 22 8 0		5 1 1 3 0		51126		57 57 61 43 53														26 23 26 26						first			
16 19 20 13 9				5 2 1 1 1		51247																						ok shot			
17 19 35 10 3				5 2 1 6 5		51335																23 23 28 27						ok shot			
18 19 37 0 3		07 22 8 0		5 2 1 8 0		51354																						Last			
19 19 38 1 9		07 22 8 1		5 2 1 8 1		51355		56 56 60 43 54				149		9		24		16		464		19 24 26 26						first			
20 19 54 1 5				5 3 1 3 1 2		51445																						ok shot			
21 19 12 0 5 5		07 22 8 1		5 4 1 7		51611																						Last			
22 19 12 1 1 1		07 22 8 2		5 4 1 3 8		51612		59 58 62 43 54														16 23 24 27						first			
23 19 14 0 0 7				5 5 1 0 9		51721																						ok shot			
24 19 14 8 3 9				5 5 1 4 1		51761																16 23 24 27						ok shot			
25 19 22 2 2 4		15 21 8 9 1		5 5 1 3 1 2		51871		59 58 62 43 54																							

CRUISE				LINE		AREA-PROJECT														DATE						
FM07-2				CS16		TC-LA SLOPES														01 MAR CH 81						
TIME	REEL				SH. PT	RECORD NO.		STRMER DEPTH				GAIN (db)		TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE	REMARKS	OB INIT	
	1	2	3	4		1	2	3	4	5	6	INIT	RATE						FINL	1	2	3				4
01120007	07	22	82	5584	6034							- 1FP -		8	24	16								last		
01220024	07	22	83	5585	6035	5857	6142	59									634	11	15	14	35			Rst	BAW	
01321623				58115	6131																			ck shot		
0124144	07	22	83	5740	6270																			last. System shut		
011																								down to check trace		
0133118	07	22	84	5926	6272	5657	6242	51				- 1FP -		8	24	16								problem.		
0141135				6077	6521												568							START CS-16B first shot		
0141151	07	22	85	6078	6522																			last		
0142943				6145	6625	5658	6342	51										32	37	38	39				first	
0144455				6202	6716													34	36	40	32				check shot	
0145148				6236	6760													32	36	42	31				check shot	
0145417	07	22	86	6237	6761	5657	5842	50																	last shot	
0152216				6347	7132													34	32	36	21				first shot	
0153551				6393	7215													34	35	32	32				check shot	
0153607	07	22	87	6394	7216												490								last	
0154040	07	22	88	6411	7223							{ Bad tape - no good data													first	
0160336				6597	7352							{ 6 bad records + shots 6400-6410 missing }													DFS down 11 shots missed	
01611830				6553	7472	5457	5842	51																	first	
0162408				6574	7467												490								ck shot	
0162424	07	22	89	6575	7470													33	34	29	31				ck shot	
01764231				6643	7574																				last	
01765032				6673	7632																				first	
																									ck	
																		33	34	33	29				check shot	

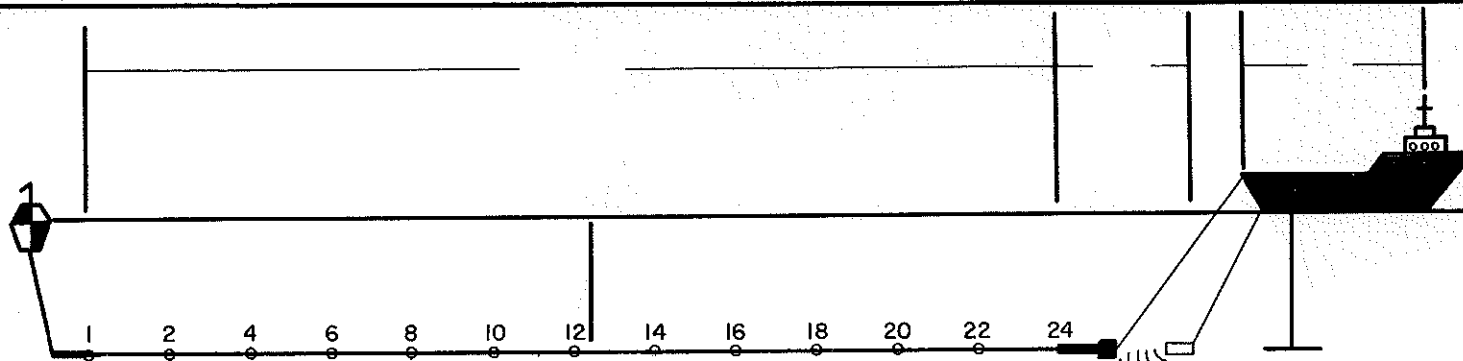
CRUISE <i>FM 07-2</i>	LINE <i>CS-16 B</i>
START TIME <i>1330Z 1 March 81</i> START LAT. <i>27 20.75 N</i> START LONG. <i>93 16.35 W</i>	END TIME <i>1 March 81</i> ENDING LAT. ENDING LONG.
SOURCE <i>4 BOLT AIRGUNS</i> SOURCE DEPTH <i>10 m</i>	SOURCE CAPACITY <i>6000 cu in</i>
NO. OF TRACES <i>24</i> NEAR TRACE <i>24</i>	GROUP INTERVAL <i>70 m</i> FAR TRACE <i>1</i>
INSTRUMENT <i>DFS IV</i> FILTERS: <i>LOW 8 Hz</i> <i>HIGH 62 Hz</i> <i>NOTCH</i>	GAIN MODE <i>IFP</i> SLOPE <i>18 db/oct</i> SLOPE <i>72 db/oct</i> SLOPE
DATA LENGTH MIN. <i>8</i> MAX. NOMINAL FOLD <i>24</i>	SAMPLE RATE <i>4 ms</i>
REMARKS <i>16 sec rep rate</i>	



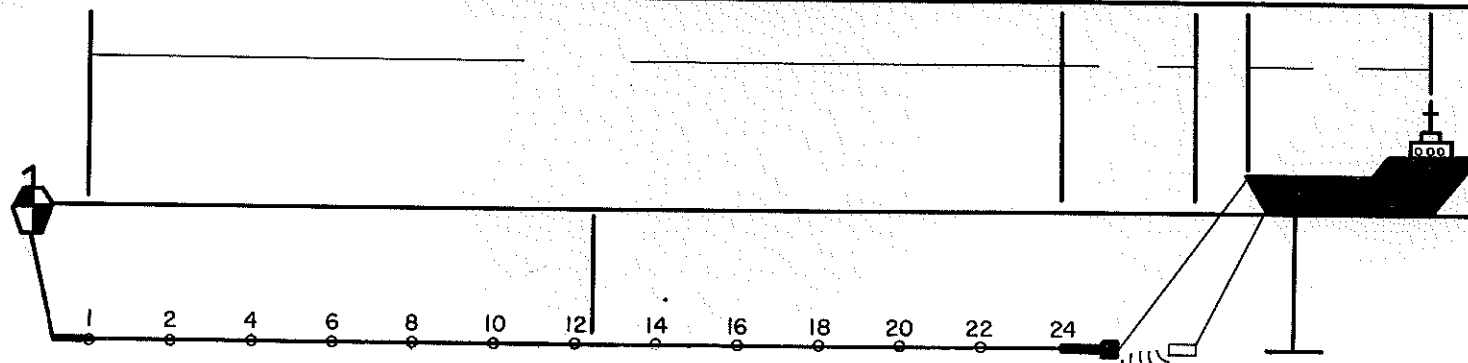
CRUISE				LINE		AREA-PROJECT														DATE																	
FM 07-2				CS-16B		TX-LA Slopes														01 MAR 81																	
TIME				REEL				SH. PT		RECORD NO.		STRMER DEPTH				GAIN (db)		TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE		REMARKS		JOB INIT	
1 2 3 4				5 6 7 8 9 10				11 12		13 14		15 16 17 18 19 20				INIT RATE FINL		DEL. LGTH		RATE		FLD		RATE		Fm		31 32 33 34 35 36 37 38 39 40									
0175946				072289				6730		7723						- 1FP -		8		24		16												last shot			
0170608				072290				6731		7724		5560624360														31 32 33 37								first shot			
0172943								6820		0036		5452614355														30 32 30 30								check shot			
0173815								6852		0116																31 30 37 36								check shot			
0174735								6887		161																								last			
0174751				072291				6888		162						{ Bad tape - Rec 162-165 bad } { missed shots 6892-6895 }																		first		no good data	
0174845								6891		165																								last		on this tape missed 4 shots	
0175004				072292				6896		166																								first			
0175140								6902		172																								ck		lost 2 shots before this	
0175951								6933		231																								ck			
0182839								7041		405																								last shot			
0182855				072293				7042		406		5458604254														31 30 28 28								first shot			
0185016								7122		526																31 28 30 27								ck shot			
0190351								7173		611		53595942531														33 30 28 28								ck shot		lugged turn	
0190411								7175		613																								last shot		lost 11 shots 7176-7186	
0190735				072294				7187		614																								first shot			
0191405								7312		110		12														31 32 38 27								ck shot		Party errors 1021-1022	
0191461								7331		110		36						* short tape - DATA Break error →																last shot		Party errors only last 5min of tape	
0194631				072295				7333		110		37																						first shot			
0200247								7394		111		34																						ck shot			
0202735								7487		112		71																						last shot			
0202751				072296				7488		112		72		5762664354												32 35 47 26								first shot			
0204752								7563		140		5														32 34 31 28								ck shot			
0210839				072296				7641		152		23																						last shot			

CRUISE				LINE				AREA-PROJECT												DATE																											
FM 07-2				CS 16A				TX-LA SLOPES												02 MARCH, 81																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT	
1 2 3 4				1 2 3 4 5 6				1 2 3 4 5 6				1 2 3 4 5 6				INIT RATE FINL				DEL.		LGTH		FLD		RATE		DPTH		32 37 39 32																	
015415								8712				3602								-1FP-				8		24		16				32 37 39 32															
015919				072307				8731				3625																																			
015935				072304				8732				3626				59 59 62 42 34																33 38 34 34															
022143								8815				3751																																			
023015				072304				8847				4011																																			
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CRUISE <u>FM07-2</u>	LINE <u>CS-15</u>
START TIME <u>0230 Z 02 March 81</u> START LAT. <u>27° 21.91' N</u> START LONG. <u>93 19.50' W</u>	END TIME <u>0400 Z 02 March 81</u> ENDING LAT. <u>27° 21.79' N</u> ENDING LONG. <u>93° 26.52' W</u>
SOURCE <u>4 Bolt Airguns</u> SOURCE DEPTH <u>10m</u>	SOURCE CAPACITY <u>6000 cu in</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>20m</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: LOW <u>8Hz</u> HIGH <u>62Hz</u> NOTCH <u> </u>	GAIN MODE <u>IFP</u> SLOPE <u>18 db/oct</u> SLOPE <u>72 db/oct</u> SLOPE <u> </u>
DATA LENGTH MIN. <u>8</u> MAX. <u> </u> NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4ms</u>
REMARKS <u>16 sec rep rate</u>	



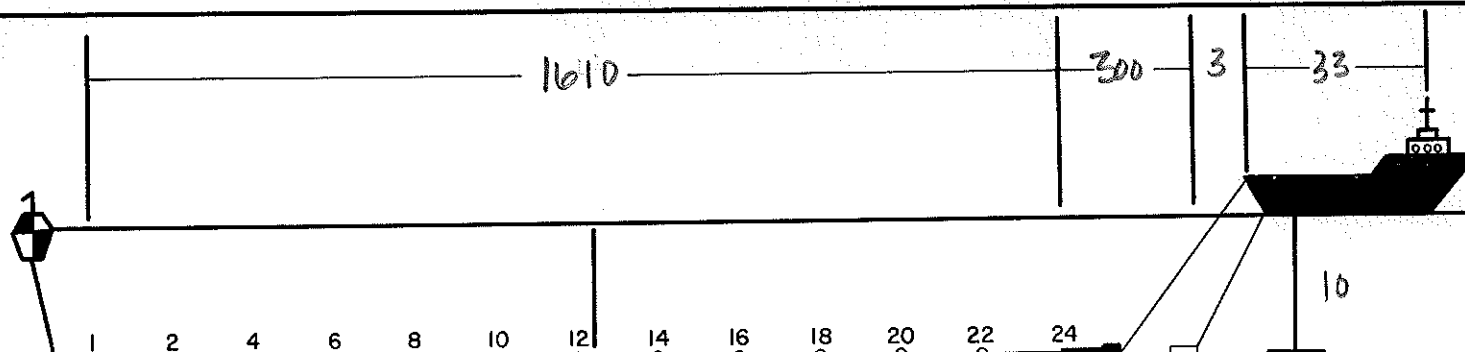
CRUISE <u>FM07-2</u>	LINE <u>CS-14</u>
START TIME <u>0400 Z 02 March 81</u> START LAT. <u>27° 21.79' N</u> START LONG. <u>93° 26.52' W</u>	END TIME <u>1120Z 2 MAR 81</u> ENDING LAT. <u>26° 53.43' N</u> ENDING LONG. <u>93° 42.25' W</u>
SOURCE <u>4 BOLT AIRGUNS</u> SOURCE DEPTH <u>10 m</u>	SOURCE CAPACITY <u>6000 cu in</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: <u>LOW 8 Hz</u> <u>HIGH 62 Hz</u> <u>NOTCH</u>	GAIN MODE <u>IFP</u> SLOPE <u>18 db/oct</u> SLOPE <u>72 db/oct</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. <u> </u> NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4 ms</u>
REMARKS <u>16 sec rep rate</u>	



CRUISE				LINE		AREA-PROJECT										DATE																
FM07-2				CS-14		TX-LA SLOPES										02 March 81																
TIME				REEL		SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
0040	0023	0723	07	9185	4533											8	24	16				420								Begin CS-14		
0042	0030			9270	4660	56	55	61	42	47													24	24	24	24					ck shot	
0044	0055			9337	4763																										last	
0044	0111	0723	08	9338	4764	59	57	62	42	48												412	23	22	22	23					first	
0050	0023			9410	5074																	490								ck		
0052	0127			9489	5213																										last	
0052	0143	0723	09	9490	5214																										first	
0054	0119			9586	5354	58	56	62	42	49													23	25	27	28					ck	
0060	0131	0723	09	9696	5450																										last	
0060	0331	0723	10	9747	5451																		22	24	27	30					first	
0062	0335			9791	5607																										ck	
0064	0319	0723	10	9796	5676																		24	25	21	22					last	
0064	0335	0723	11	9797	5677	53	50	60	42	50																					first	
0070	0631			9883	6025																										ck	
0072	0335	0723	11	9947	6125																										last	
0072	0351	0723	12	9948	6126																		23	25	22	26					first	
0074	0959	0723	12	0004	6268	55	58	61	42	51													23	24	24	26					ck	
0080	0435	0723	12	0101	6357																		23	25	24	26					last	
0080	0451	0723	13	0102	6360																										first - bad tape -	
0081	0400	0723	14	0136	6367																										first	
0083	0381			0122	6522																										ck	
0085	0415	0723	14	1287	6616																										last	
0085	0431	0723	15	1288	6617	55	58	62	42	51													23	23	37	26					first	
0089	0235			1398	6775																										ck	
0091	0235	1578	0120	11607181920																												

CRUISE				LINE				AREA-PROJECT												DATE																											
FM 07-2				CS-14				TX-LA SLOPES												2 Mar 81																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				JOB INIT	
1 2 3 4				5 6 7 8 9 10				11 12 13 14				15 16 17 18 19 20				21 22 23 24 25 26				INIT RATE FINL				DEL.		LGTH		FLD		RATE		DPTH		1 2 3 4 5 6				1 2 3 4 5 6				INIT					
01 09 33 43				0723115				1435				710962																																			
02 09 33 59				0723116				1436				71043				55 59 61 42 50																															
03 09 33 55								1448				71044																																			
04 09 34 02				0723116				1457				71056																																			
05 09 34 08				0723117				1466				71057																																			
06 10 02 41								1540				71115																																			
07 10 22 15								1617				713016																																			
08 10 22 32				0723118				1618				71307				54 56 61 42 48				- 1FP -				8 24		16 660		27 24 29 27																			
09 11 03 33								1772				71541																																			
10 11 03 49				0723119				1773				71542																																			
11 11 12 39				0723119				1807				71603																																			
12 11 12 55				0723120				1808				71604								1FP				8 24 16				28 27 26 26																			
13 11 20 06								1834				71637								1FP																											
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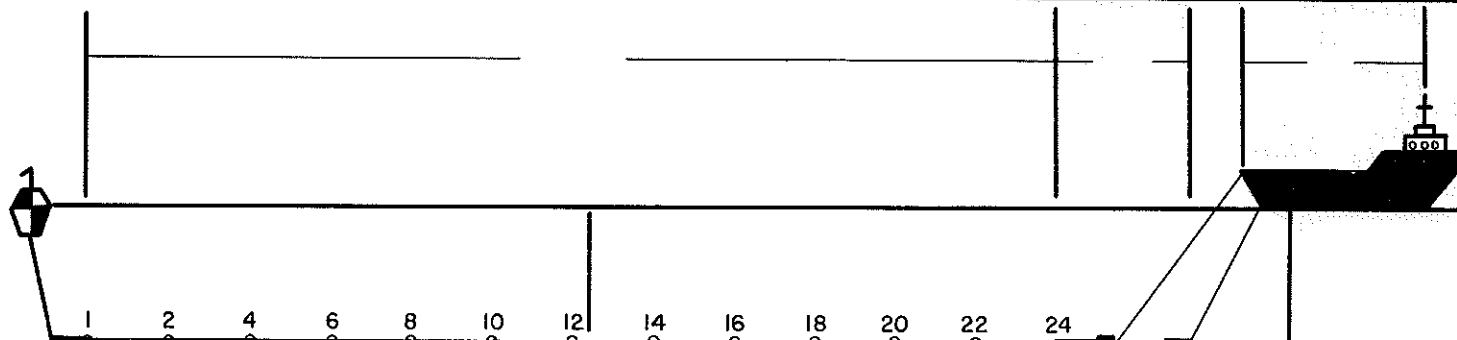
CRUISE <u>FM07-2</u>	LINE <u>CS-13</u>
START TIME <u>1120 Z 2 MAR 81</u> START LAT. <u>26° 53.43' N</u> START LONG. <u>93° 42.25' W</u>	END TIME <u>2325 Z 2 MAR 81</u> ENDING LAT. <u>26° 54.99' N</u> ENDING LONG. <u>94° 42.28' W</u>
SOURCE <u>4 BOLT AIRGUNS</u> SOURCE DEPTH <u>10 m.</u>	SOURCE CAPACITY <u>1500 in³ @</u> <u>6000 in³ TOTAL.</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24 -</u>	GROUP INTERVAL <u>70 m.</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: <u>LOW 8</u> <u>HIGH 62</u> <u>NOTCH</u>	GAIN MODE <u>IFP.</u> SLOPE <u>18</u> SLOPE <u>72</u> SLOPE
DATA LENGTH <u>MIN. 8s</u> MAX. NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4 ms.</u> <u>16s REP RATE</u>
REMARKS	



CRUISE				LINE				AREA-PROJECT												DATE																													
FM 07-2				CS-13				TX-LA SLOPES												2 MAR 81.																													
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT			
1 2 3 4				5 6 7 8 9 10				11 12 13 14				15 16 17 18 19 20				21 22 23 24 25 26				INIT RATE FINL				DEL.		LGTH		FLD		RATE		DPTH		TIMES															
0112022								1835				7640																																					
0115310				072320				1958				0034																																					
0115326				072321				1959				0035				59 57 61 44 61				1FP						8 24		16		720		27 27 28 29												BEGIN CS-13.					
01123505				072321				1115				271																																					
01123521				072322				1116				272				61 62 65 45 63				- 1FP -						8 24		16		685		27 25 20 25												LAST					
01130631								1233				457																																					
01131639				072322				1271				525																																					
01131655				072323				1272				526				60 60 63 44 60				- 1FP -						8 24		16		648		24 24 20 25												LAST					
01134055								1362				660																																					
01135327								1409				737																																					
01135815				072323				1427				761																								23 25 27 20												check shot	
01135831				072324				1428				762								- 1FP -						8 24		16		600		24 24 26 26												LAST					
01141205								1512				1106																																					
01141340								1561				1167				60 60 63 45 60																																check shot	
01141349								1580				1212																								23 23 26 25												check shot	
01141349				072325				1581				1213				60 60 64 44 60																				24 23 23 38												LAST	
01141519								1656				1326																																				FIRST	
01151184								1729				1437																																				OK	
01151903				072326				1730				1440				60 58 62 42 53																				24 23 20 25												LAST	
01153355								1786				1530																								25 23 20 25												FIRST	
01155743								1875				1661																																				OK	
01155759				072327				1876				1662				57 57 62 43 54																				24 22 21 27												LAST	
01161154								1940				1762				62 57 62 42 54																				23 23 26 27												FIRST	
01161313								2002				2060				57 56 61 41 53																				24 23 29 29												check shot	
01161313				072328				2002				2060				57 56 61 41 53																																check shot	

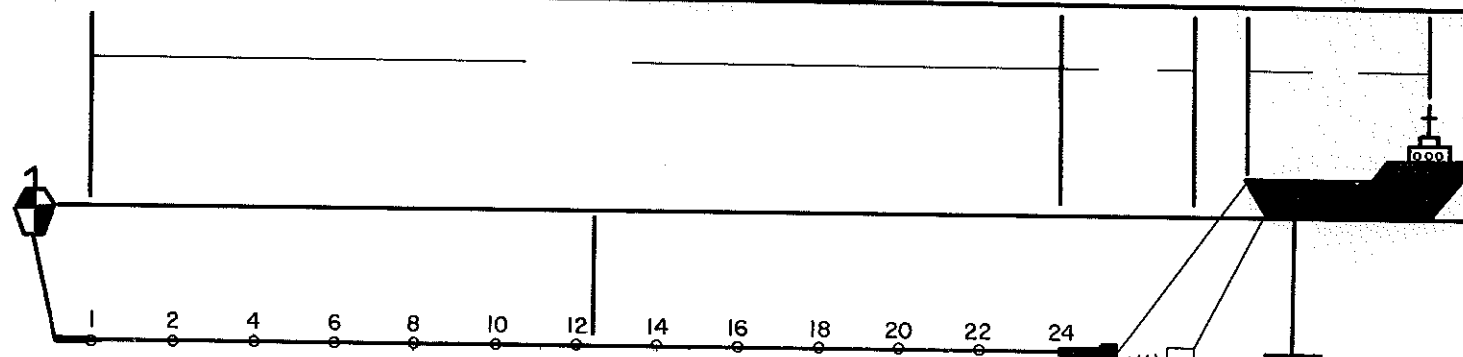
[illegible]

CRUISE <u>FM07-2</u>	LINE <u>CS-12</u>
START TIME <u>2325Z 2 March 81</u> START LAT. <u>26° 54.99' N</u> START LONG. <u>94° 42.28 W</u>	END TIME <u>0245Z 3 March 81</u> ENDING LAT. <u>27° 08.62' N</u> ENDING LONG. <u>94° 42.17 W</u>
SOURCE <u>4 BOLT AIR GUNS</u> SOURCE DEPTH	SOURCE CAPACITY <u>1500 IN³ @</u> <u>6000 IN³ TDMR.</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70 M.</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DPS IV</u> FILTERS: <u>LOW 8</u> <u>HIGH 62</u> <u>NOTCH</u>	GAIN MODE <u>IFP.</u> SLOPE <u>18</u> SLOPE <u>72</u> <u>SLOPE</u>
DATA LENGTH MIN. <u>8</u> MAX. NOMINAL FOLD <u>24.</u>	SAMPLE RATE <u>4ms.</u> <u>16S ROP RATE -</u>
REMARKS	



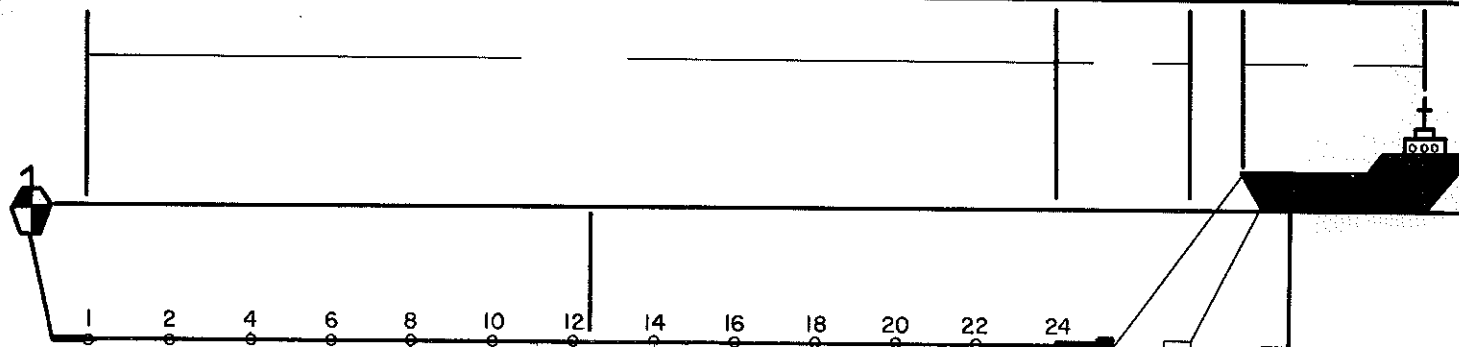
CRUISE FM07.2				LINE CS-12		AREA-PROJECT TX-LA SLOPES		DATE 2-3 MARCH 1981																								
TIME		REEL		SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP DEL.		REC. LGTH		FLU		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE		REMARKS		OB INIT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
0	0	0	140	0	72338	0	46	5118	50	50	60	42	47	-	-	1FP	-	8	24	16			25	24	26	27					FIRST -	
0	0	0	506					5130																					BEGIN CS-12			
0	0	4	300	0	72338	1	01	5346																					SHOT COUNTER ADJUSTMENT -			
0	0	4	316	0	72339	1	02	5347	55	55	60	42	46	-	-	1FP		8	24	16	760		27	31	26	33					LAST	
0	1	1	100			1	06	5517																					FIRST			
0	1	2	404	0	72339	1	05	5600																					CK SHOT			
0	1	2	420	0	72340	1	05	5601	58	55	60	42	48	-	-	1FP		8	24	16	696		25	27	25	24					LAST	
0	1	4	020			1	06	5675																					FIRST			
0	2	0	505			1	08	6051																					CK SHOT			
0	2	0	524	0	72341	1	09	6032	59	55	60	43	48																LAST			
0	2	3	012			1	03	6170															25	23	24	23					FIRST	
0	2	3	900			1	03	6231																					CK 02357 begin turn			
0	2	4	508	0	72341	1	05	6260															27	21	23	23					CK	
0	3																						27	21	22	24					last shot of CS-12	

CRUISE <u>FM07-2</u>	LINE <u>CS-11</u>
START TIME <u>0245Z</u> <u>3 March 81</u> START LAT. <u>27° 08.62' N</u> START LONG. <u>94° 42.17' W</u>	END TIME <u>1408Z</u> <u>3 March 81</u> ENDING LAT. <u>27° 02.83' N</u> ENDING LONG. <u>93° 48.91' W</u>
SOURCE <u>4 Bolt Airguns</u> SOURCE DEPTH <u>10m</u>	SOURCE CAPACITY <u>6000 cu in</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>20 m</u> FAR TRACE <u>7</u>
INSTRUMENT <u>DFS IV</u> FILTERS: LOW <u>8Hz</u> HIGH <u>62 Hz</u> NOTCH	GAIN MODE <u>IFP</u> SLOPE <u>18 db/oct</u> SLOPE <u>72 db/oct</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4ms</u>
REMARKS <u>16 sec rep rate</u>	



DATE
3 Mar 81

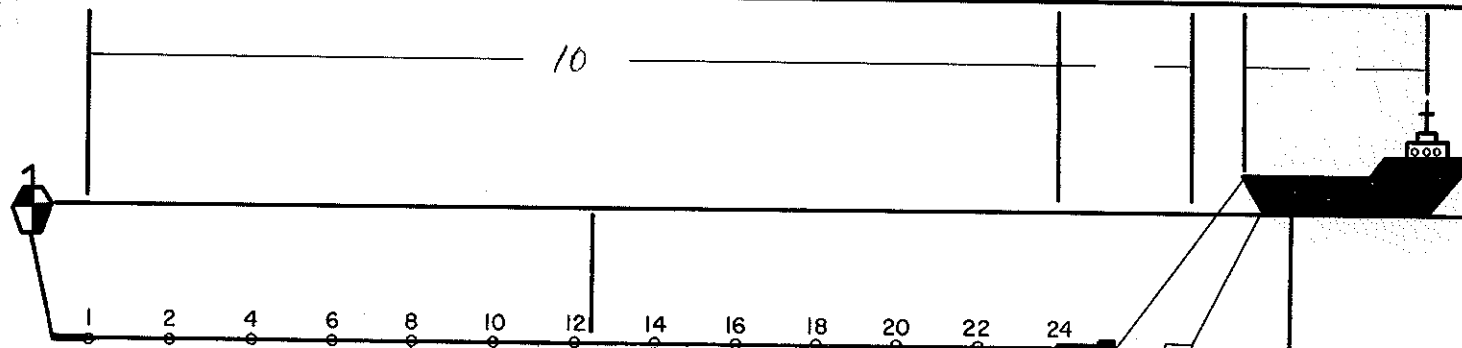
CRUISE <u>FM07-2</u>	LINE <u>CS-10</u>
START TIME <u>1408Z</u> <u>3 March 81</u> START LAT. <u>27° 02.83' N</u> START LONG. <u>93° 48.91' W</u>	END TIME <u>2230Z</u> <u>3 March 81</u> ENDING LAT. <u>27° 32' 56" N</u> ENDING LONG. <u>93° 44' 32" W</u>
SOURCE <u>4 BOLT AIRGUNS</u> SOURCE DEPTH <u>10 m</u>	SOURCE CAPACITY <u>6000 cu in</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: <u>LOW 8 Hz</u> <u>HIGH 62 Hz</u> <u>NOTCH</u>	GAIN MODE <u>IFP</u> SLOPE <u>18 db/oct</u> SLOPE <u>72 db/oct</u> SLOPE <u> </u>
DATA LENGTH MIN. <u>8</u> MAX. <u> </u> NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4 ms</u>
REMARKS <u>16 sec rep rate</u>	



[illegible]

CRUISE				LINE				AREA-PROJECT												PAGE		OF																									
FM07-2				CS-10				TX-LA SLOPOS												DATE		3 MARCH 81																									
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLU		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT	
1 8 45 08				07 23 65				51 150				52 76																																			
1 9 45 12				07 23 66				51 160				52 77																																			
1 10 17				07 23 67				51 179				53 21																																			
1 11 10				07 23 67				51 180				53 22																																			
1 18 59 32								52 113				53 63																																			
1 19 11 23								52 162				54 44																																			
1 19 13 20								53 35				55 55																																			
1 19 13 20				07 23 68				53 36				55 56				57 57 59 42 60 -																															
1 19 15 42								54 17				57 01																																			
2 01 12 52								54 82				60 06																																			
2 01 30 08				07 23 69				54 87				60 07				60 60 62 42 60																															
2 01 40 12								55 91				61 55																																			
2 01 56 04								56 50				62 50																																			
2 01 56 20				07 23 70				56 51				62 51				58 56 60 42 51 -																															
2 11 26 28								57 16 4				64 32																																			
2 11 37 24								58 05				65 03																																			
2 11 37 40				07 23 71				58 06				65 04				57 56 60 42 51 -																															
2 11 41 40								58 21				65 23																																			
2 11 56 04								58 75				66 11																																			
2 12 10 20				07 23 71				59 66				67 44																																			
2 12 20 30				07 23 72				59 67				67 45				58 56 60 41 54 -								1FP -		8		24		16		306		29 25 21 27													
2 12 30 12								60 08				70 11																																			
3 01 01 01																																															
3 01 01 01																																															
3 01 01 01																																															
3 01 01 01																																															
3 01 01 01																																															

CRUISE <i>FM 07-2</i>	LINE <i>CS-9</i>
START TIME <i>2230Z, 03 MARCH 1981</i> START LAT. <i>27° 37' 56 N</i> START LONG. <i>93° 44' 32 W</i>	END TIME <i>1300Z 4 MAR 1981</i> ENDING LAT. <i>26° 43.64' N</i> ENDING LONG. <i>94° 18.94' W</i>
SOURCE <i>4 BOLT AIR GUNS</i> SOURCE DEPTH <i>10m</i>	SOURCE CAPACITY <i>1500 IN³ EA.</i> <i>TOTAL 6000 IN³</i>
NO. OF TRACES <i>24</i> NEAR TRACE <i>24</i>	GROUP INTERVAL <i>70m</i> FAR TRACE <i>1</i>
INSTRUMENT <i>DFS IV</i> FILTERS: LOW <i>8</i> HIGH <i>62</i> NOTCH	GAIN MODE <i>1FP</i> SLOPE <i>18dB/oct</i> SLOPE <i>72dB/oct</i> SLOPE
DATA LENGTH MIN. <i>8</i> MAX. NOMINAL FOLD <i>24</i>	SAMPLE RATE <i>4m/s</i>
REMARKS <i>1/6 sec. repeat</i>	



CRUISE			LINE	AREA PROJECT											DATE	
PM 07-2			CS-9	TX-LA SLOPES											3/4 MARCH 81	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP DEL.	REC. LTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAPAGE	REMARKS	OB INJ	
0203028	072372	6004	70132			1FP		8	24	16						
225308		6089	7137											BEGIN LINE 9		
230110	072372	6118	7175											CR		
230126	072373	6120	7176	5454594254		1FP		8	24	16		24/20/28/25		lost		
234242	072373	6275	7431											just -		
234258	072374	6276	7432	55551604247		1FP		8	24	16		24/20/24/25		lost		
001150		6396	7622											just		
002436	072374	6432	7666											CR		
002452	072375	6433	7667	5757614050		1FP		8	24	16	376	20/29/23/24		last		
004628		6514	0701											first		
010540	072375	6586	0112											CR		
010556	072376	6587	0122	5558594051		1FP		8	24	16	450	22/22/28/41		last		
014803	072376	6745	0136											first		
014819	072377	6746	0361	5759444501		1FP		8	24	16				lost		
015948		6789	0434											just		
022735		6893	6013											CR (statics)		
025100		6981	6104	GUNS DOWN - TIME DRIVE STOPPED											0222 time break shift	
025204	072377	6985	610											0227 all guns down		
025220	072378	6986	611											missed shots 6893-6980		
032052		7093	764	5455604058		1FP		8	24	16				lost		
033252	072378	7138	1041									25/24/23/24		just		
033308	072379	7139	1042											CR shot		
033558		7217	1160											last		
033600		7218	1160											first		
033600		7218	1160											CR shot		

shift

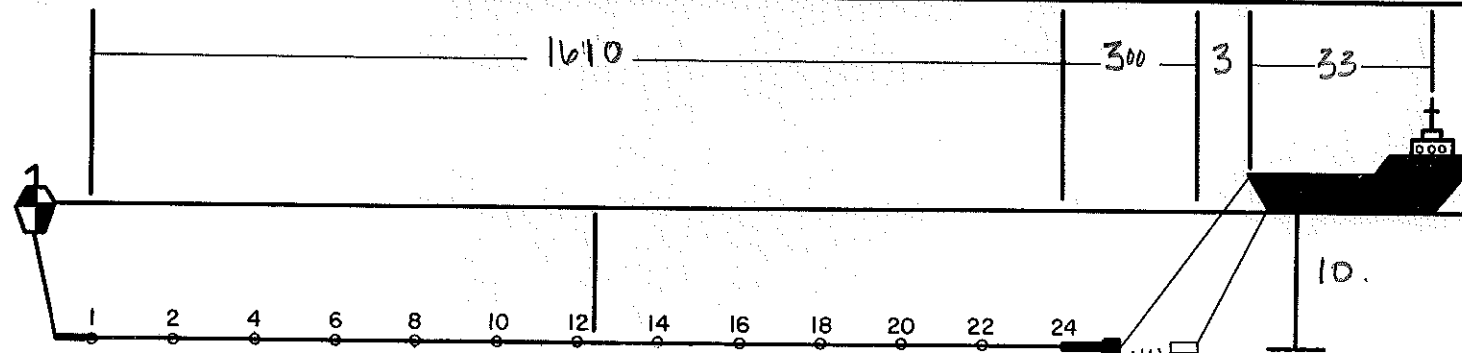
(statics)

02272 all guns down missed shot 6893-6980

[illegible]

[illegible]

CRUISE FM07-2	LINE CS-8
START TIME 1300 Z 4 MARCH - 1981 START LAT. 26° 43.64' N START LONG. 94° 18.94' W	END TIME 0155Z 5 MAR 1981 ENDING LAT. 27° 34.10' N ENDING LONG. 93° 55.53' W.
SOURCE 4-BOLT AIR GUNS. SOURCE DEPTH 10 m.	SOURCE CAPACITY 1500 IN ³ @ 6000 IN ³ TOTAL. (3 GUNS AT BEGINNING OF LINE)
NO. OF TRACES 24 NEAR TRACE 24	GROUP INTERVAL 70 m FAR TRACE 1
INSTRUMENT DFS IV FILTERS: LOW 8 HIGH 62 NOTCH	GAIN MODE - IFP - SLOPE 18 SLOPE 72 SLOPE
DATA LENGTH MIN. 8s MAX. NOMINAL FOLD 24.	SAMPLE RATE 4 ms. 16s REP RATE.
REMARKS	

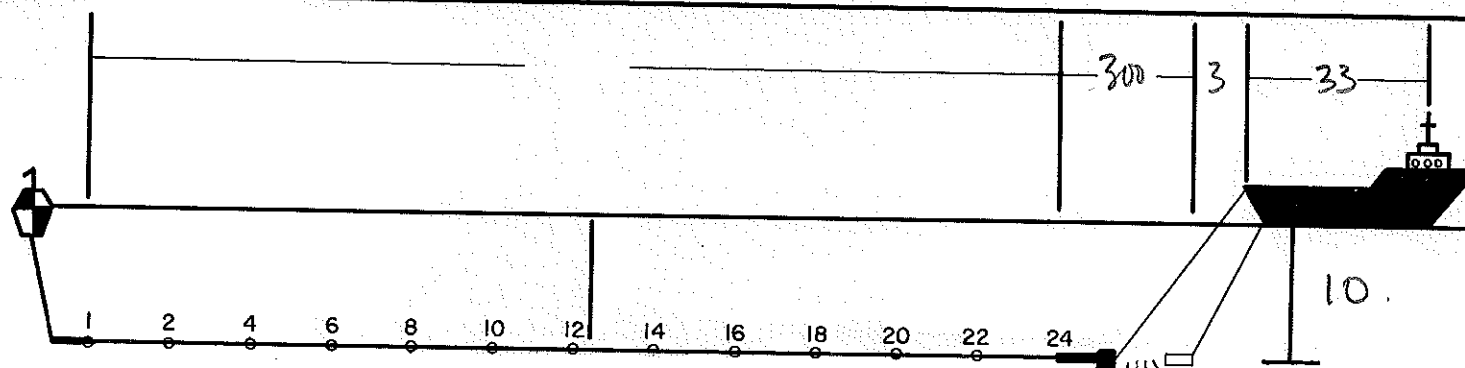


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CRUISE				LINE				AREA-PROJECT																DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH	FLD	RATE	DPTH	Fm	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
01	18	41	41								05	46																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

CRUISE FM 07-2				LINE CS-8				AREA-PROJECT TX-LA SLOPES																DATE 05 MARCH 1981																																																																																																														
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT																																																																																								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH	FLD	REP.	RATE	WATER DPTH (Fm)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
0	0	3	3	0	7	2	4	0	9	1	8	6	4	1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH	FLD	REP.	RATE	WATER DPTH (Fm)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100						
0	0	3	3	0	7	2	4	0	9	1	8	6	4	1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH	FLD	REP.	RATE	WATER DPTH (Fm)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100						
0	0	3	3	0	7	2	4	0	9	1	8	6	5	1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH	FLD	REP.	RATE	WATER DPTH (Fm)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100						

CRUISE FM07-2	LINE CS-7
START TIME 0155Z 5 MAR 1981. START LAT. 27° 34.10' N START LONG. 93° 55.53' W	END TIME 1608Z 5 MAR 81 ENDING LAT. 26° 45.93' N ENDING LONG. 94° 28.92' W
SOURCE 4 BOLT AIR GUNS SOURCE DEPTH 10m.	SOURCE CAPACITY 1500 IN ³ @ 6000 IN ³ TOTAL.
NO. OF TRACES 24 NEAR TRACE 24	GROUP INTERVAL 70 FAR TRACE 1
INSTRUMENT DFSTV FILTERS: LOW 8 HIGH 62 NOTCH	GAIN MODE 1FP SLOPE 18 SLOPE 72 <u>SLOPE</u>
DATA LENGTH MIN. 8s. MAX. NOMINAL FOLD 24	SAMPLE RATE 4ms.
REMARKS	

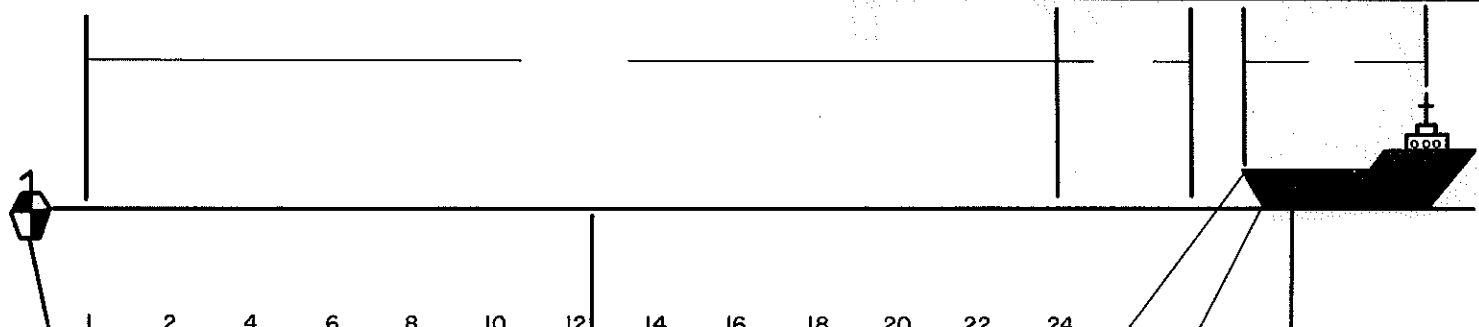


CRUISE				LINE				AREA-PROJECT																PAGE 110 OF																			
FM07-2				CS-7				TX-LA SLOPES																DATE 05 MARCH 1981																			
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT			
1 2 3 4				5 6 7 8 9 10				11 12 13 14				15 16 17 18 19 20				1 2 3 4 5 6				INIT RATE FINL				DEL.		LGTH		RATE															
0015500				072412				2172				2714																															
0021237				072412				2237				3015				57 57 62 44 55																											
0023424				072413				2318				3136																															
0030106				072413				2319				3137																															
0031604				072414				2417				3303																															
0031620				072414				2475				3373																															
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0042820				072415				2632				3630																															
0043916				072415				2746				4012																															
0043932				072416				2782				4063																															
0050820				072416				2788				4064				56 57 61 43 55																											
0052039				072417				2896				4240																															
0052053				072417				2942				4316																															
0054140				072417				2943				4317																															
013602112				072417				3021				4435																															
01360228				072418				3097				4552																															
01362252				072418				3098				4553																															
01364108				072418				3198				4716																															
01364124				072419				3244				4774																															
01372004				072419				3245				4775				60 60 62 46 38																											
01372020				072419				3390				5216																															
01372020				072420				3391				5217																															

CRUISE				LINE				AREA-PROJECT												PAGE		OF		DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1 2 3 4				5 6 7 8 9 10				11 12 13 14				15 16 17 18 19 20				1 2 3 4 5 6				INIT RATE FINL				DEL.		LGTH		FLD		RATE		DPTH		TIMES				OR LEAKAGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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CRUISE <u>FM07-2</u>	LINE <u>CS-6</u>
START TIME <u>1608Z 5 Mar 81</u> START LAT. <u>26 45.93</u> START LONG. <u>94 28.92</u>	END TIME <u>0610Z 6 MAR</u> ENDING LAT. <u>27° 42.29' N</u> ENDING LONG. <u>94° 00.97' W</u>
SOURCE <u>4 Bolt Airguns</u> SOURCE DEPTH <u>10 m</u>	SOURCE CAPACITY <u>6000 cu in.</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE <u>7</u>
INSTRUMENT FILTERS: LOW <u>8Hz</u> HIGH <u>624Z</u> NOTCH	GAIN MODE <u>IFP</u> SLOPE <u>18 db/oct</u> SLOPE <u>72 "</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4 ms</u>
REMARKS <u>16 sec rep rate</u>	



CRUISE				LINE				AREA-PROJECT												PAGE 114 OF				DATE																							
FM07-2				CS-6				TX-LA SLOPES												5 Mar 81																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				JOB INIT	
1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2 3 4				1 2		1 2		1 2		1 2		1 2		1 2		1 2		1 2		1 2		1 2		1 2			
160820								5371				1101				5960604267				- JFP -						8		24		16		611		19231924						First shot of CS-6							
1762022				072432				54116				1156																										Last shot									
1762036				072433				54117				1157				5860624360																611		19181516						first shot							
1765158								5534				1344																										check shot 16502									
170854								55618				1406																										last shot									
170103				072434				55619				1407				55601034556																684		19181716						first shot							
172300								5651				1531				5552604155																						check shot									
174124								5720				1636																										last									
1791140				072435				5721				1637				5557584458																						first									
175752								5778				1730																										ck shot									
182228								58174				2070																										last shot									
182244				072436				58175				2071																										first shot									
184032								5943				2175				525860140601																						ck shot									
190244								6025				2320																										last									
190300				072437				6026				2321																										first shot									
192716								6117				2453				5556614251																						ck shot									
194452								61183				2555																										last									
194508				072438				61184				2556																										first									
201308								6289				2727				5455604455																						ck									
202716								6342				3014																										last									
202732				072439				6343				3015																										first									
204908								4424				3136				5455594150																20		232021						ck							
210924								6500				3252																										last									
210940				072440				6501				3253																										first									
211423																																															

CRUISE

LINE

AREA-PROJECT

FM07-2

CS-6

TX-CA SCOPES

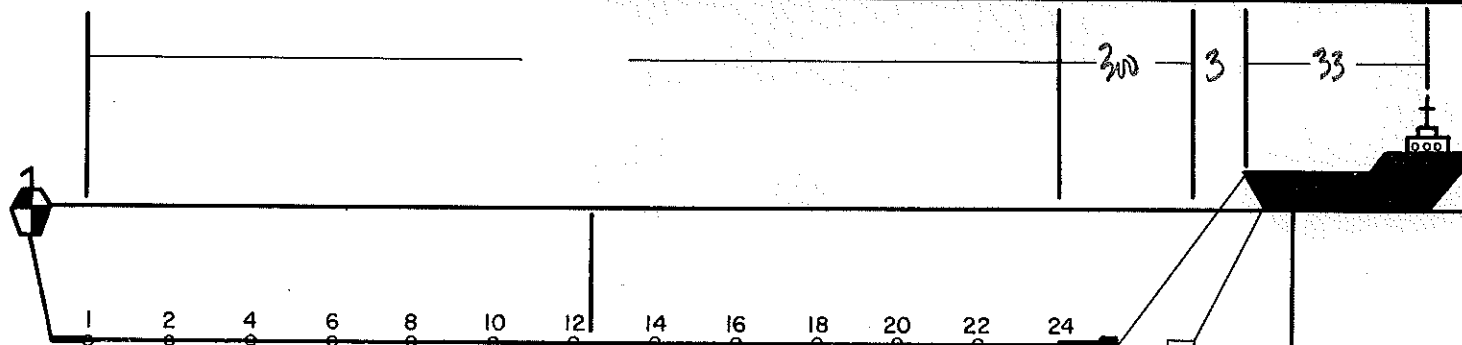
DATE

5 Mar: 81

TIME	REEL	SH. PT.	RECORD NO.	STRMER	DEPTH	GAIN (db)		TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB INIT
						INIT	RATE									
021 3444	072440	6595	341	545359	41521											
021 4940		6651	350										25 22 23 25		ck shot	
021 4956	072441	6652	3502												last shot	
022 2004		6765	3663										22 24 24 24		first shot	
022 3134	072441	68108	3736												ck	
022 3148	072442	68109	3737	55566042	241										last	
022 4420		6856	4016						8	24	16	532	21 21 28 20		first	
023 1252	072442	6963	4171												ck	
023 1308	072443	6964	4172	57566144	54										last	
023 6412		7043	4311						8	24	16	820	20 24 10 18		first	
023 5412	072443	7118	4424												ck	
023 5928	072444	7119	4425	58596244	61										last	
0003444	072444	72710	4654						8	24	16	880	20 20 16 10		first	
0003506	072445	72711	4655	56576144	53										lost	
0005916		7362	50110						8	24	16	600	19 24 25 23		just	
00115150	072445	7425	5106												ck	
00116106	072446	7426	5107	55566042	51										last	
0014348		7529	51257						8	24	16	580	22 21 18 18		first	
0015752	072446	7578	5346												ck	
0015768	072447	7579	5341	55566041	50										last	
0023012		7703	5535						8	24	16	592	22 21 21 22		first	
0023841		7734	5574												ck	
0023900	072448	7735	5575												last	
0030316		7827	5731	55566041	51										first	
0030324													19 18 33 24		check shot	

CRUISE			LINE		AREA-PROJECT										DATE											
FM 07-2			CS-6		TX-LA Slopes										6 MAR 81											
TIME	REEL	SH. PT	RECORD NO.						STRMER DEPTH		GAIN (db)		TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE		REMARKS	OB INIT	
			1	2	3	4	5	6	INIT	RATE	FINL							1	2	3	4	5	6			
031916	0724148	71887	6025						-	1FP	-		8	24	16		371	20	20	35	21			last shot		
0319132	0724149	78818	6026	54	55	61	43	53																	first shot	
0344136		71982	6164	56	57	61	43	57									20	24	20	22			ck			
0400047	0724150	80140	6257																						last	
0410120		80141	6200																						first	
0411100		8081	6327	57	56	61	43	54	1FP			8	24	16		358	23	24	22	21			first			
0414108		8194	6507														20	23	24	22			check shot			
0441124	0724151	8195	6510																						last	
0454116		82413	6571																						first	
052316		8252	6744																						check shot	
0523132	0724152	83153	6745													213									last	
0545144		84410	71075																						first	Begin turn 0525Z
0602144		85010	7171																						ck shot	
0603100	0724153	85011	7172	60	57	66	43	50																	last shot	
0609140		8526	7222														35	22	23	22			first			
0700000																									last shot of CS-6	

CRUISE <u>FM 07-2</u>	LINE <u>CS-5</u>
START TIME <u>0610 Z</u> <u>6 March 81</u> START LAT. <u>27° 42.29' N</u> START LONG. <u>94° 00.97' W</u>	END TIME <u>2255 Z</u> <u>6 March 81</u> ENDING LAT. <u>26° 39.79' N</u> ENDING LONG. <u>94° 45.16' W</u>
SOURCE <u>4 Bolt AIRGUNS</u> SOURCE DEPTH <u>10m</u>	SOURCE CAPACITY <u>6000 cu in</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70m</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFSIV</u> FILTERS: <u>LOW 8Hz</u> <u>HIGH 62Hz</u> <u>NOTCH</u>	GAIN MODE <u>IFP</u> SLOPE <u>18db/oct</u> SLOPE <u>72 4</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. <u> </u> NOMINAL FOLD <u>24</u>	SAMPLE RATE <u>4ms</u>
REMARKS <u>16 sec rep rate</u>	



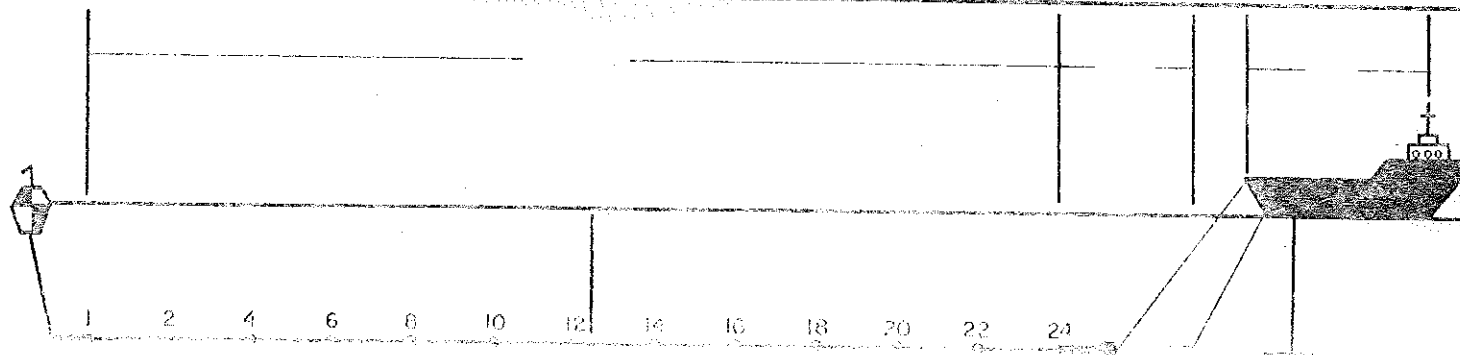
CRUISE FM07-2				LINE CS-5				AREA-PROJECT TX - LA SLOPES															DATE 6 March 81		
TIME		REEL		SH. PT	RECORD NO.		STRMER DEPTH						GAIN (db)		TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS	OB INIT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
006091516	072453	8527	71223																						
00643016	072453	86514	71420																						
006493116	072454	85512	71421	58	55	61	41	48																	
0070404		8736	71537																						
0071211410	072454	871916	71641																21	24	23	22			
007152316		89112	01026																						
007180300	072455	89511	01075																						
007201116	072456	89512	01076	60	60	65	45	57																	
0072312014		910616	01252																						
007244336	072456	91103	01325																27	29	27	28			
0072848	072457	91104	01326																						
0072908104		9111915	01461																						
00729126110	072457	912613	01565																28	21	28	29			
0072926126	072458	912614	01566																						
00729510128		913514	01718																						
00730101232	072458	94118	11020																29	27	20	28			
0073010148	072459	94119	11021	60	57	62	42	60																	
00730251214		94183	1123																424	28	27	29	26		
007305044	072459	95180	11262																						
0073010514	072460	95181	11263	60	60	62	42	61																	
0073113220		97136	115116																28	25	21	28			
00731132316	072461	97137	115117	60	57	62	42	60																	
0073121456		98192	117512																27	21	23	27			
0073121512	072462	98193	117513	60	55	60	42	60																	
0073121512																			21	22	23	21			

CRUISE				LINE		AREA-PROJECT		PAGE		OF																																					
FM07-2				CS-5		TX-LA SLOPES		DATE		6 MAR 81																																					
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT	
1 2 3 4				5 6 7 8 9 10				11 12 13 14				15 16 17 18 19 20				1 2 3 4 5 6				INIT RATE FINL				DEL.		LGTH		FLD		RATE		DPTH		TIMES													
01				072462								2073								}				ADJUSTING		GUNS																					
123812								9983				2103																																			
125515				072462				0047				2105																																			
125531				072463				0048				2205				51 55 61 42 50 -																															
133636				072467				0202				2206				51 55 61 42 50 -								8		24		16		550		21 03 23 20															
133652				072464				0203				2437																																			
135132								0258				2440				55 55 60 42 50								8		24		16		627		23 22 29 25															
135520								351				2530																																			
135536				072465				352				2665																																			
143532				072465				0423				2666																																			
145108				072465				1504				2775				56 56 62 41 51				- 1FP -				8		24		16		548		24 28 19 20															
145724				072466				1505				3116																																			
150020				072466				1505				3117																																			
150036				072467				1518				3133																																			
152748								1519				3134																																			
154108				072467				1619				3301																																			
154124				072468				1669				3363																																			
161132								1670				3364				56 57 62 42 55 -																															
162420								783				3545																																			
162436				072469				831				3621																																			
165100								832				3622																																			
165516								951				3765				59 56 61 42 59 -																															
165532				072470				947				4005																																			
165532				072470				948				4006																																			
1				1 2 3 4				5 6 7 8 9 10				11 12 13 14				15 16 17 18 19 20																															

CRUISE FM 072				LINE CS-5				AREA-PROJECT TX - LA SLOPES												DATE 6 Mar 81																
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE	REMARKS	OB INIT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	INIT	RATE	FINL														
0172508				072470							1059	44	65	58	57	60	92	55		IFP				8	24	16		29	28	23	20				ck shot	
0173612				072470							1101	42	37																					last shot		
0173634				072471							1102	42	40	50	57	62	42	56		IFP				8	24	16	660	30	30	16	20			first shot		
0180716											1217	44	23															29	25	20	20			check shot		
0181708											1254	44	70																					last		
0181724	072472										1255	44	71	58	59	64	44	60																first		
0184052											1343	46	21																					ck		
0185740											1406	47	20															27	25	31	27			last		
0185956	072473										1407	47	21																					first		
0191132											1488	50	42															26	25	32	27			ck shot		
0193900											1561	51	53																					last		
0193916	072474										1567	51	54	64	60	65	42	59									856	28	24	24	27			first		
0200036											1642	52	74																							
0201916											1712	54	82															30	30	25	28			ck		
0201932	072475										1713	56	03																					last		
0210108	072475										1869	56	37															28	37	24	27			first		
0210124	072476										1870	56	40	59	58	64	43	58																last		
0212300											1951	57	61															28	29	29	26			first		
0214228	072476										2024	60	72															28	28	36	27			ck		
0214244	072477										2025	60	73	66	64	65	42	56																last		
0222404	072477										2180	63	26														700	30	26	34	27			first		
0222420	072478										2181	63	27	61	58	64	42	58		IFP				8	24	16	740	29	25	23	27			last		
0224748											2269	64	57																					first		
0225500											2296	65	12																					ck		
																																			END LINE CS-5	

0225500
740

CRUISE <i>Bm 7-2</i>	LINE <i>CS-4</i>
START TIME <i>2255Z, 6 MARCH, 1981</i> START LAT. <i>26° 39.79' N</i> START LONG. <i>94° 45.16 W</i>	END TIME <i>1118Z, 07 MARCH 1981</i> ENDING LAT. <i>27° 26.90 W</i> ENDING LONG. <i>94° 19.38 N</i>
SOURCE <i>4 BOLT AIR GUNS</i> SOURCE DEPTH <i>10m</i>	SOURCE CAPACITY <i>6000 m³</i>
NO. OF TRACES <i>24</i> NEAR TRACE <i>24</i>	GROUP INTERVAL <i>70m</i> FAR TRACE <i>1</i>
INSTRUMENT <i>DPS IV</i> FILTERS: LOW <i>8</i> HIGH <i>62</i> NOTCH	GAIN MODE <i>1PP</i> SLOPE <i>18 dB/oct</i> SLOPE <i>22 " "</i> SLOPE
DATA LENGTH MIN. <i>8</i> MAX. NOMINAL FOLD <i>24</i>	SAMPLE RATE
REMARKS <i>16 SEC. REP. RATE.</i>	



CRUISE				LINE				AREA-PROJECT												PAGE		OF		DATE									
FM 07-2				CS-4				TY- LA SLOPES												121		1		06 MARCH 1981									
TIME		REEL		SH. PT		RECORD NO.		STRMER		DEPTH		GAIN (db)		TRIP		REC.		FLU		REP.		WATER		REL FIRE		CONTINUITY		REMARKS		CS			
1 2 3 4		5 6 7 8		9 10 11 12		13 14 15 16		17 18 19 20		21 22 23 24		25 26 27 28		29 30 31 32		33 34 35 36		37 38 39 40		41 42 43 44		45 46 47 48		49 50 51 52		53 54 55 56		57 58 59 60		61 62 63 64			
0225516		072478		2297		6513						- 1FP -		8		24		16												REBIN LINE CS-4			
0230524				2335		6561																								Last			
0230540		072479		2336		6562		5858634455		-		- 1FP -		8		24		16		804		30		32		27		30		First			
0232249				2400		6662																								ck			
0234732		072479		2403		7017																								Last			
0234748		072480		2404		7020		6865654867		-		- 1FP -		8		24		16		872		31		19		36		30		First			
002836		072480		2614		7251																								Last			
002851		072481		2618		7252		6858644460		-		- 1FP -		8		24		16		820		28		30		25		31		Last			
0055418				2719		7417																								First			
010404		072481		2718		7456																								ck			
010420		072482		2718		7457		6763654464		-		- 1FP -		8		24		16		808		27		26		28		31		Last			
0126128				2814		7602																								First			
0144512		072482		2913		7707																								ck			
014508		072483		2914		7710		6362654461		-		- 1FP -		8		24		16												Last			
022036				3016		1116																								First			
022524				3018		1410																								ck shot			
022540		072484		3018		1411																								LAST			
024924				3117		0272																								FIRST			
024915		072484		3235		0366																								check shot			
030540		072485		3236		0367		2669654567		-																				Last shot			
031444				3270		434														600		30		22		26		30		first shot			
034556				3387		616																								check shot			
034612		072486		3388		617		6259644363		-																				last			
040430				3459		724																30		31		32		29		First			
042124				3514		724																								ck			

CRUISE		LINE		AREA-PROJECT														DATE	
FM 07-2		CS-4		TX-LA SLOPES														07 March 81	
TIME		REEL		SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)		TRIP	REC.	FLD	REP.	WATER	REL FIRE	CONTINUITY	REMARKS	35	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	INITIAL RATE	FINAL	DEL.	LGTH		RATE	DEPTH (Fm)	TIMES	OR LEAKAGE			
010427100		01724816		3542	11051														
010427116		01724817		3543	11052					8	24	16					last shot		
010441946				3626	11175	60	59	63	45	67							first shot		
010511044				3705	11307									764	30	29	31	29	check shot
010511165		01724818		3706	11310	60	57	61	47	62							last missed shots 3702 - 3705		
0105121924				37175	11415										30	28	27	30	FIRST
010515220				3861	11543												ck		
010515236		01724819		3862	11544												lost		
0106210210				3916	11714												lost		
010631308		01724910		4014	11719										30	25	25	31	ck
01063324		01724910		4015	11715												lost		
01063636				41105	12124												lost		
010711308		01724910		41614	12222										27	30	24	27	ck
010711324		01724911		41615	12223	60	60	62	43	68							lost		
010713356				42412	12340										31	33	34	31	first
010715428		01724911		43119	12455												ck		
010715414		01724912		43120	12456												lost		
010821342				44219	12633	64	60	62	43	88							first		
010831144		01724912		44710	12704												ck		
010835500		01724913		44711	12705												lost		
010859000				45611	13037										26	29	26	30	first
012911548		01724913		46214	13136												ck		
013911604		01724914		46215	13137												lost		
014914020				47116	13272										32	31	24	34	first
015914214				48117	13413												ck		

[illegible]