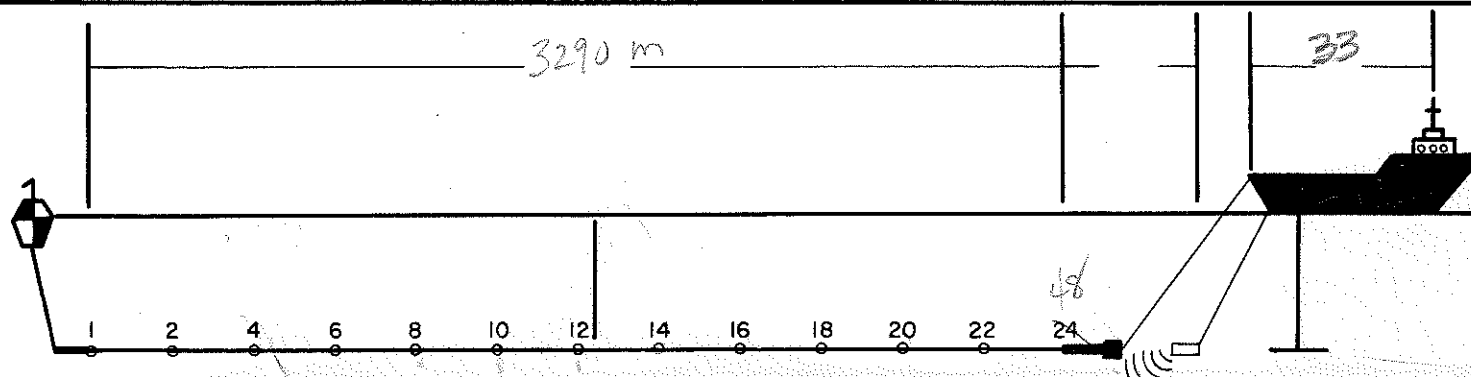


CRUISE <i>FM07-1</i>		LINE <i>NWS1A</i>	
START TIME <i>0705Z</i>	<i>10 NOV 80</i>	END TIME <i>184335</i>	<i>10 NOV 80</i>
START LAT. <i>27° 50.8'N</i>		ENDING LAT. <i>27° 24.4'N</i>	
START LONG. <i>094° 22.1'W</i>		ENDING LONG. <i>95° 26.4'W</i>	
SOURCE <i>4 ROLL AIR GUNS</i>		SOURCE CAPACITY	
SOURCE DEPTH		<i>1500 CO. IN. ea.</i>	
NO. OF TRACES <i>48</i>		GROUP INTERVAL <i>70 m</i>	
NEAR TRACE <i>48</i>		FAR TRACE <i>1</i>	
INSTRUMENT FILTERS:		GAIN MODE <i>IFP</i>	
LOW <i>8 HZ</i>		SLOPE <i>18 2B/OCT</i>	
HIGH <i>62 HZ</i>		SLOPE	
NOTCH		SLOPE	
DATA LENGTH MIN.	MAX.	SAMPLE RATE	<i>4</i>
NOMINAL FOLD <i>8 sec</i>			
REMARKS <i>Single channel monitor not working</i> <i>Guns were messed up at start of line</i>			



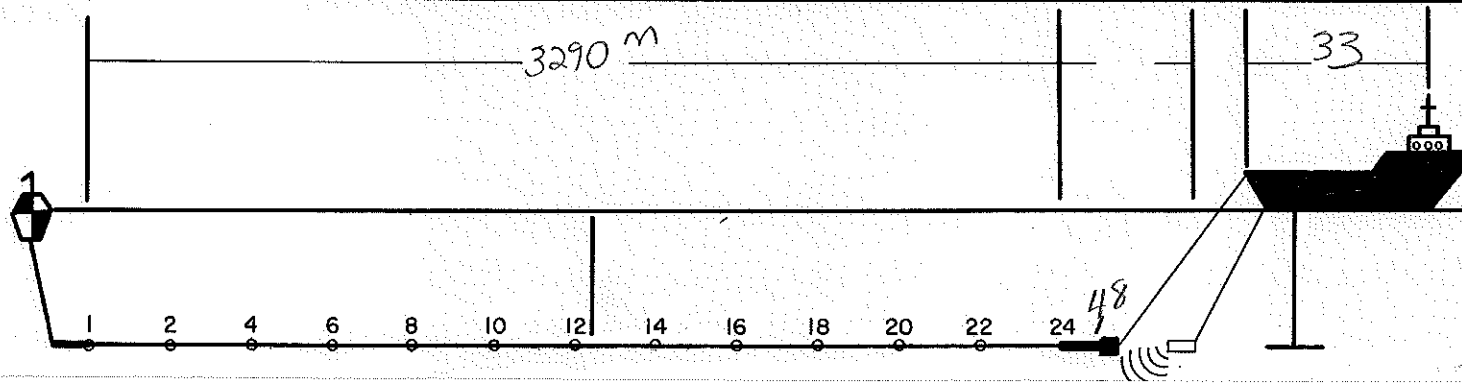
[illegible]

CRUISE				LINE		AREA-PROJECT												DATE															
FM07-1				NWSIA		Northern Gulf of Mexico Cont. Slopes												10 NOV 80															
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		INIT RATE FINL		DEL.		LGTH				RATE		DPTH (Fm)		TIMES		OR LEAKAGE				INIT	
075855						0757		0122																						Check Shot			
081313				071002		0155		0220		614																				Last Shot			
081339				071003		0156		0221		7762594342						8		24		26		146		25323026						First Shot			
082940						0192		0265																						Check Shot			
083518						0206		0303																						Check Shot			
084452				071003		0228		0331																						Last 071003			
084518				071004		0230		0333		6564454326						8		24		26		208		29333432						first 071004			
085908						0261		0372																						Check Shot			
090906						0284		0421																						Check Shot			
091629				071004		0301		0442																						Last Shot			
091657				071005		0302		0443		6864604348						8		24		26		247		29333232						First Shot			
093204						0337		0506																						Check Shot			
093716						0349		0522																						Check Shot			
094155				071005		0369		546																						Last Shot			
094623				071006		0370		547																						First Shot (RECORD NO MAY BE WRONG)			
094740						372		552		7067674544						8		24		26		226		32333932						Check Shot			
095922						400		665																						Check Shot			
1011248						431		644																						CHECK SHOT			
101734				071006		442		657																						LAST SHOT			
101804				071007		443		666		6360484426						8		24		26		245		31202634						FIRST SHOT			
103546				071007		484		731								8		24		26										check shot			
104846				071007		514		767																						Last shot			
104912				071008		515		770		6957424438						8		24		26		230		30342132						First shot			
110131				071008		1025		554								8		24		26										check shot		odd	

CRUISE				LINE				AREA-PROJECT												DATE																												
FM-07-1				NWS 1 A				Northern Gulf of Mexico Cont. Slopes												10 Nov 80																												
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		JB 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									
01	11	21	16	07	10	08		589				11102										8	24	26																Last shot	sd							
01	11	21	42	07	10	09		690				11103				62	58	42	45	38			8	24	26	242	80	34	40	33											First shot	sd						
01	11	41	40	07	10	09		636				1161										8	24	26	240																Check shot	sd						
01	11	52	55	07	10	09		662				11213																													LAST SHOT	sd						
01	11	53	20	07	10	10		6613				11214				66	64	44	45	37			8	24	26	241	29	32	39	33												FIRST SHOT	sd					
01	12	17	09	07	10	10		7118				11303																															check shot					
01	12	23	13	07	10	10		732				11321																															Last shot					
01	12	23	39	07	10	11		733				11322				69	62	44	45	37			8	24	26	220	29	30	49	30													First shot					
01	12	39	13	07	10	11		769				11366											8	24	26																		check shot	sd				
01	12	52	41	07	10	11		800				11425											8	24	26	239	30	30	80	28														Last shot				
01	12	59	20	07	10	12		839				11427				66	63	44	45	37			8	24	26	239	30	30	80	28														First shot				
01	13	02	36	07	10	12		869				11532																																check shot				
01	13	02	02	07	10	13		870				11533				68	62	60	44	37			8	24	26	393	30	33	29	30														Last shot				
01	13	42	30	07	10	13		915				11610																																	First shot			
01	13	53	57	07	10	13		939				11640																																	check shot			
01	13	53	57	07	10	13		939				11640																																	Last shot			
01	13	54	23	07	10	14		940				11641				85	62	59	44	38			8	24	26	400	22	33	11	19															First shot			
01	14	12	00					983				11714																																	check shot			
01	14	25	00	07	10	14		1013				11752																																	Last shot			
01	14	25	26	07	10	15		11014				11753				68	65	45	45	38			8		26	420	23	27	43	22															First shot			
01	14	42	46					11054				21023																																		ck shot		
01	14	57	09	07	10	15		11089				21066																																		Last shot		
01	14	58	30	09	10	16		11096				21067				65	65	46	47	40																										First shot		
01	15	17	00	07	10	16		11133				21142																																			ck shot	

END	OF	LINE	NWSI
-----	----	------	------

CRUISE Fm07-1	LINE NWS2
START TIME 184335 START LAT. 27°24.4' N START LONG. 95°26.4' W	END TIME 0426Z ENDING LAT. 26 44.7 N ENDING LONG. 95 55.5 W
SOURCE SOURCE DEPTH	SOURCE CAPACITY 1500 cu m.
NO. OF TRACES 48 NEAR TRACE	GROUP INTERVAL 70 m FAR TRACE 1
INSTRUMENT FILTERS: LOW 8Z HIGH 62Z NOTCH	GAIN MODE IFP SLOPE 18 DB/Oct SLOPE SLOPE
DATA LENGTH MIN. MAX. SAMPLE RATE 4 NOMINAL FOLD 8 sec.	
REMARKS Single channel Monitor Not Working Guns were messed up at end of line	



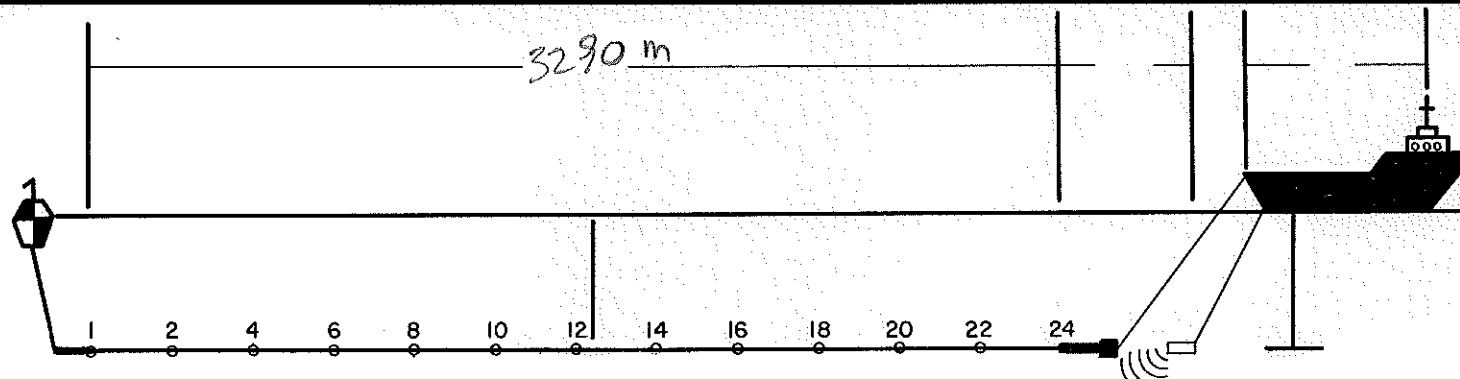
CRUISE				LINE				AREA-PROJECT														DATE															
FM 07-1				NWS 2				NORTHERN GULF of MEXICO CONT SLOPES														10 Nov 80															
TIME				REEL				SH. PT		RECORD NO.		STRMER DEPTH				GAIN (dB)		TRIP		REC.		FLD		REP.		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		JB 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		1 2 3 4 5 6				INIT RATE FIRE		SEL.		LGTH				RATE													
0202322				071026				11840		3445																								no guns (LAST SHOT)			
0202430				071027				11841		3446		5958444638				MISSED SHOT		8		24		26		615		32802630						1st shot on reel (MISSED SHOT)					
0202900								11853		3462																								CHECK SHOT Gun #2 out			
0303622								11869		3503																								Check shot Gun #2 still out			
0205250				071027				11908		3551																								last shot on 071027			
0205316				071028				11909		3552		5957434538										24		26		570		29		2537				1st shot on 071028			
021106412								11940		3611																								check shot			
02111404								11957		3632																								last shot 071028			
02111430				071029				11958		3633		6057434537												576		31X3230								1st shot on 071029			
0212757								11989		3672																								Check Shot			
0213452								20015		3712																								Last			
021135118				071030				20016		3713		5957434539												580		25802625								First on 071030			
031141845								20317		3752																								Check			
02115447								21051		3770		6057424538								8		24		26				25802625						Last shot AM on			
02115503				071031				20512		3771										8		24		26				25802625						First shot			
0211233								20912		4041																								check shot			
0211435								20917		4046																								Last shot			
0211501				071032				20918		4047		6057424538								8		24		26				25802625						First shot			
0222656								21213		4100										8		24		26				24802524						check shot			
0223404								21142		41123										8		24		26				24802524						last shot			
0223430				071033				21143		41124		6058444538								8		24		26				24802524						First shot			
0224800								21164		41154										8		24		26				22292822						4 guns. check (4 guns on con)			
0225351				071033				21187		41200		6058434538																24242922						check shot			
03114234				571831				21213		41571		1157183120																						last shot			

100

CRUISE				LINE				AREA-PROJECT												DATE																															
FM-07-1				NWS 2				NORTHERN GULF OF MEXICO CONT SLOPES												10 Nov. 80																															
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				DB 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			
0011709				071040				2518				4701				5755413012												8		26				28312827								first shot									
0013450								2559				4752																														ITB'S AGAIN									
0013640								2560				4754								open again																						closed down									
0014117				071040				2571				47706								closed again																						STILL ITB'S.									
0014112				071041				2572				47767				5256434115																		30323228								LAST SHOT									
0014112								257910				51011				(not recorded)								OTHER SEISMIC SHIP SHOOTING IN AREA.																		FIRST SHOT									
0031046				*				7357				5011												DFS back up																		CONTINUE									
0031204				*				7370				5014																														CHECK SHOT									
0031920				*				73317				5035																										*				shot counter erratic*									
0032228				*				7354				5044				12667454628														590		22212024																			
0032621				*				7353				5055																																							
0032924				*				7370				5064																																							
0033252				071041								5074																																		shotpt counter off					
0033318				071042								5075																																		missed several shots					
0033500												5077																														check shot									
0033948												5111																														" "									
0034435												5124																														" "									
0035012												5141																														" "									
0035335												5152				5752424015														580		23232322																			
0040014												5177																																		DFS recording - guns					
0040211				071042								5205																														not firing									
0040211																																										c/c shot									

CRUISE				LINE		AREA-PROJECT												DATE									
FM 07-1				NWS 2		Northwestern Gulf of Mexico - Cont. Slope												10 Nov 80									
TIME				REEL		SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP REC.		REP.		WATER DPTH		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 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	
INIT RATE FINL				INIT RATE FINL		INIT RATE FINL		INIT RATE FINL		INIT RATE FINL		INIT RATE FINL		INIT RATE FINL		INIT RATE FINL		INIT RATE FINL		INIT RATE FINL		INIT RATE FINL		INIT RATE FINL		INIT RATE FINL	
040239				071043				5206				SHPT COUNTER		STILL OFF										gun not firing			
040700								5217				gun firing again												missed 5206			
041144				*ck ths		0017		5231				SHPT counter		reset to 17										check shot			
041604						0027		5243		5044342915				8		26		620		24		32		27		25	
042300						0043		5263		0415Z		Begin turn to		LINE 3										check shot			
042627						0051		5273				end NWS-2												"		"	
050101								5277																check			
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											
050101																											

CRUISE <u>FM 07-1</u>	LINE <u>NWS-3</u>
START TIME <u>0426Z</u> START LAT. <u>26 44.7 N</u> START LONG. <u>95 55.5 W</u>	END TIME ENDING LAT. ENDING LONG.
SOURCE <u>4 Bolt Airguns</u> SOURCE DEPTH	SOURCE CAPACITY <u>1500 cu ea.</u>
NO. OF TRACES <u>48</u> NEAR TRACE <u>48</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE <u>2</u>
INSTRUMENT FILTERS: LOW <u>8Hz</u> HIGH <u>62 Hz</u> NOTCH	GAIN MODE <u>IFP</u> SLOPE SLOPE SLOPE
DATA LENGTH MIN. <u>8</u> MAX. <u>8</u> SAMPLE RATE <u>4</u> NOMINAL FOLD <u>24</u>	
REMARKS <u>0730 single channel monitor up!</u>	



CRUISE				LINE				AREA-PROJECT										DATE																													
FM 07-1				NWS-3				Northwestern Gulf of Mexico - Cont Slope										19 NOV 80																													
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				1 2 3 4 5 6				INIT RATE FINL				DEL.		LGTH		RATE		DPTH (Fm)		TIMES				OR LEAKAGE								INIT			
042653				0711043				0052				5274				-10 052015				Begin				NWS-3																streamer riding high							
043231								0065				5311																																			
043532				0711043				0072				5320																																			
043559				0711044				0073				5321				10082522																															
044531								0095				5347																												first shot							
050830								0148				5434																24 29 26 26										CR shot									
050854				0711045				0149				5435				6034373410														30 32 32 31						last											
052641								0190				5506																								first											
053639								0213				5535				-453536336														30 32 29 30						2 shot											
054125								0224				5550																								"											
054151				0711046				0225				5551																								last											
060151								0279				5637																		30 32 33 31						first											
061355				0711046				0299				5663																								check "											
061142				0711047				0300				5664				4633414430																				Last											
062455								0327				5721																		31 33 31 31						First											
064625								0374				5776																								check											
074615				0711048				0375				5777				4735394425												30 32 32 31						LAST													
070858								0426				6062																								1st											
071829								0448				6110																								check											
071855				0711049				0449				6111				4336404534				*07302 - single channel										30 31 34 32						Last											
074152								0502				6176								monitor working *																First											
075034								0522				6222																								Check											
075159				0711050				0523				6223				5843434134														30 32 32 31						Last											
081305								0574				6306																								First											
081305								0574				6306																								CR shot											

* 07302 - single channel
monitor working *

streamer riding high

first shot
OK shot

last
first
OK shot

" "
last "
first
check "

Last
Just
check
LAST
1st

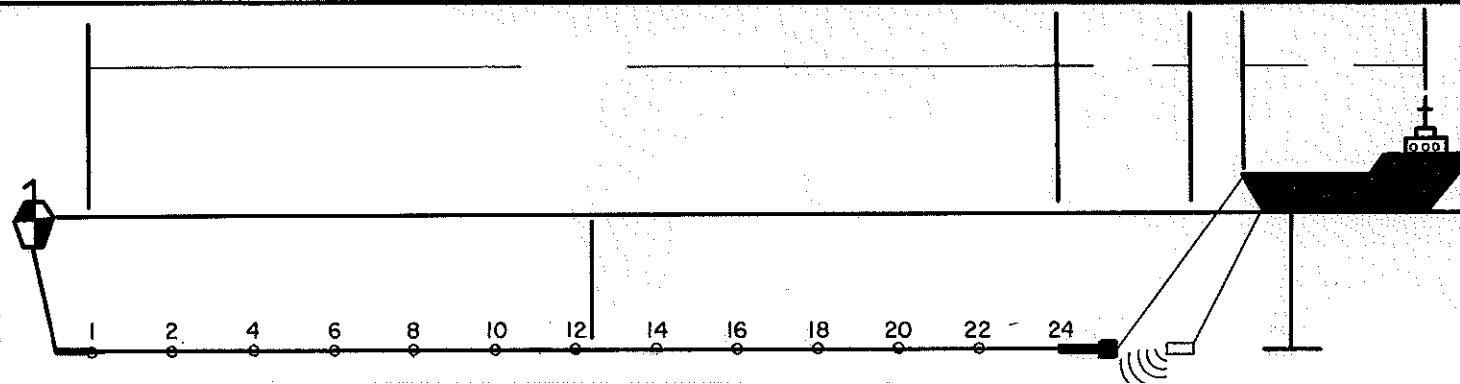
check
Last
first
check
Last
Just
OK shot

CRUISE				LINE		AREA-PROJECT										DATE															
FM 07-1				NWS-3		Northwestern Gulf of Mexico - Cont. Slope										11 Nov 80															
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		JB 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			
082237						0596		6334																				First Last			
082305				071051		0597		6335		504246433												30 333332						Last First			
084259						0643		6413																				Check			
085349						0668		6494																				LAST			
085415				071052		0669		6445		4636404533		STARTING TURN										32 34 30 32						FIRST (starting turn)			
091411						0715		6523																				Check			
092527				071052		0741		6555																				Last			
092554				071053		0742		6556		120203125												33342932						First			
094523						0787		6633																				check			
094550				071053		0797		6645				END OF LINE		NWS-3																	
												END OF LINE																			

[illegible]

CRUISE				LINE		AREA-PROJECT														DATE											
FM - 07 - 1				NWS - 4		Northwestern Gulf Cont Slope														11 Nov 80											
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									

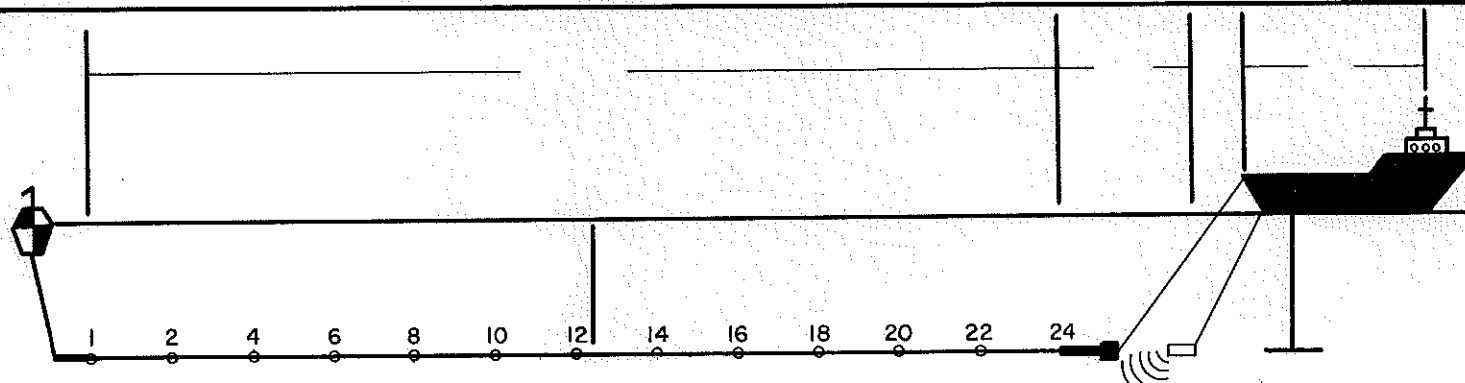
CRUISE <u>FM 07-1</u>	LINE <u>NWS-5</u>
START TIME <u>1344 Z</u> START LAT. <u>26 18.5 N</u> START LONG. <u>95 30.7 W</u>	END TIME ENDING LAT. ENDING LONG.
SOURCE <u>4 Bolt Airguns</u> SOURCE DEPTH	SOURCE CAPACITY <u>1500 cu ft.</u>
NO. OF TRACES <u>48</u> NEAR TRACE <u>48</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE <u>1</u>
INSTRUMENT FILTERS: LOW <u>8 Hz</u> HIGH <u>62 Hz</u> NOTCH	GAIN MODE <u>IFP</u> SLOPE SLOPE SLOPE
DATA LENGTH MIN. <u>8</u> MAX. <u>8</u> SAMPLE RATE <u>4</u> NOMINAL FOLD <u>24</u>	
REMARKS <u>other seismic vessel in AREA.</u>	



[illegible]

CRUISE				LINE		AREA-PROJECT												DATE																	
FM 07-1				NWS-5		Northwestern Gulf Continental Slope												11 Nov 80																	
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			
0213813				0710716		2432		2011		5244424435														36 36 33 37								first			
0220103				0710716		2487		21100																								check			
0220832				0710716		2502		21117																								last			
0220858				0710717		2503		21118		5545434535														35 34 29 34								first shot			
0220816				0710717		2505		21161																								check shot			
0223744				0710717		2574		2227																								Last shot			
0224000				0710718		2575		2228		5042444635														35 35 35 31								First shot			
0225731				0710718		2615		23100																								check shot			
0231122				0710718		2647		23140																								last shot			
0231148				0710719		2648		2341		5042434635														35 34 36 36								first shot			
0232239				0710719		2673		2372																								check shot			
0233303				0710719		2699		2422																								MWS-6			
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699		2422																											
0233303				0710719		2699</																													

CRUISE <i>FM-Ø7-1</i>	LINE <i>NWS-6</i>
START TIME <i>2332 Z</i> <i>10 Nov. 80</i> START LAT. <i>27 08.2</i> START LONG. <i>95 15.9</i>	END TIME <i>1040 Z</i> ENDING LAT. <i>27 43.7 N</i> ENDING LONG. <i>94 29.5 W</i>
SOURCE <i>4 Bolt air guns</i> SOURCE DEPTH	SOURCE CAPACITY <i>1500 cu in. ea</i>
NO. OF TRACES <i>48</i> NEAR TRACE <i>48</i>	GROUP INTERVAL <i>70 m</i> FAR TRACE <i>1</i>
INSTRUMENT FILTERS: LOW <i>8 Hz</i> HIGH <i>62 Hz</i> NOTCH	GAIN MODE SLOPE <i>IFP</i> SLOPE SLOPE
DATA LENGTH MIN. <i>8</i> MAX. <i>8</i> SAMPLE RATE <i>4</i> NOMINAL FOLD <i>24</i>	
REMARKS <i>slow down to avoid ship 0255Z</i> <i>*TRC 24 inverted, TRC 40, 30 look bad, trc 11+2 possibly bad *</i>	



CRUISE				LINE		AREA-PROJECT														DATE															
FM-07-1				NWS-6		Northwestern Gulf Continental Slope														11 Nov. 80															
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			
0233303	0711079	2699	2422	3625354635	Start	Line	NWS	-6	36	34	33	31																							
0233604	0711079	2704	2431																																
0234300	0711079	2720	2451																																
0234326	0711080	2721	2452	4032404020																															
0100256	0711080	2766	2527																																
0601505	0711080	2794	2563																																
0101531	0711081	2795	2564	5042444935																															
0102831	0711081	2825	2622																																
0604161	0711081	2866	2673																																
0041642	0711082	2867	2674	4739404536																															
010245	0711082	2904	2741																																
011755	0711082	2939	3004																																
0111811	0711083	2940	3005	5545424434																															
0113655	0711083	2983	3060																																
014907	0711083	3011	3114																																
014933	0711084	3012	3115	6135464634																															
020627		3051	3164	4840414433																															
072137		3086	3227																																
022204	0711085	3087	3230	5550454430																															
0124159		3133	3306	6863596670																															
025435		3162	3343																																
025500	0711086	3163	3344																																
031429		3208	3421	5546424434																															
032730		3238	3457																																
04234	0671891	3234	3457																																
																																Slow to avoid ship ahead			
																																parity errors			
																																Ship to resume normal speed			
																																ck plot (back to 5.1 kts)			
																																parity error			

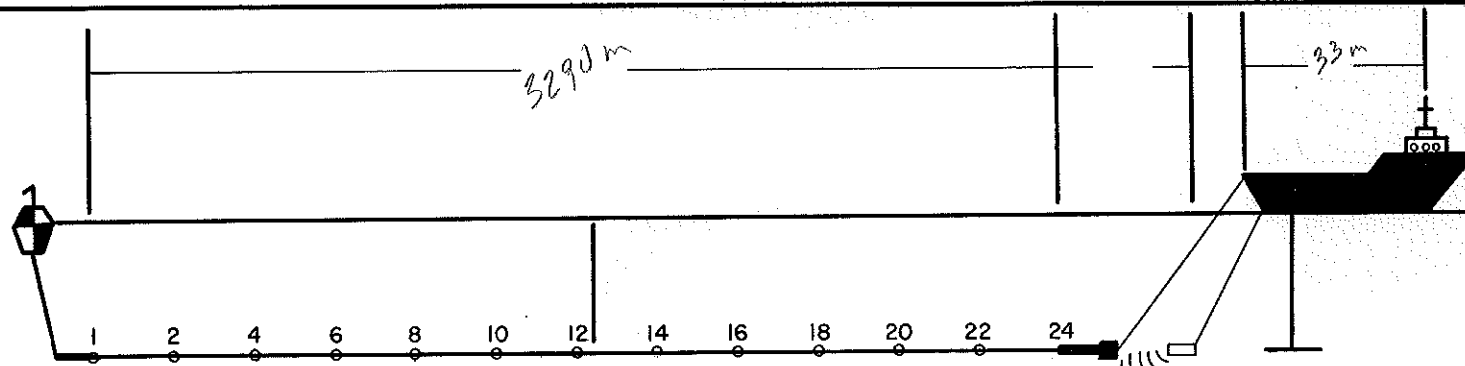
CRUISE				LINE				AREA-PROJECT												DATE																											
FM-07-1				NWS-6				North western Gulf. Cont. Slope												11 Nov 88																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL 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							
0032755				071087				3239				3460														8		24		26												Parity error					
0034659								3283				3534				5446434534																620		37373436								" " ck shot					
00346124								3313				3573																														last					
0040150				071088				3314				3574				6537424535																3631		3536								first					
0041811								3355				3644																				3633		3335								ck shot					
0043249								3390				3707																														Parity error Rec 36717					
0043315				0711089				3391				3710																														first					
00451041								4312				3757				4540404430																460		34323537								ck shot					
0050525								3464				4021																														last					
0050551				0711090				3465				4022																														first					
0052337								3506				41073																				3531		3736								ck shot * trace 24 is inverted *					
0053821								3540				4135																														last					
0053847				0711091				3541				4136				5446454534																										first					
0055515								3579				4204																				460		32323232								ck shot ✓					
0061144								3617				4252																														Last					
0061210				071092				3618				4253				4537373733																455		32323332								first					
0063205								3664				4331																														Check					
0064347								3691				4364																														Last					
0064413				071093				3692				4365				4435414335																615		32342935								1st					
0071251								3735				4440																														Check					
0071551								3765				4476																														Last					
0071618				071094				3766				4477				4233403727																408		33332832								first					
0074730								3838				4607																														Last					
0074756				071095				3839				4610				4043423215																353		33333333								first					

CRUISE				LINE				AREA-PROJECT												DATE																											
FM07-1				NWS-6				Northwestern Gulf Cont Slope												12 Nov 80																											
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						
08	04	49		07	15	95		38	78			46	57																																		
08	20	25						39	14			47	23																																		
08	20	53		07	10	96		39	15			47	24			47	40	37	22									237	33	32	28	32															
08	36	01		07	10	96		39	50			47	67																																		
08	51	37		07	10	96		37	86			50	33																																		
08	52	55		07	10	96		37	89			50	36																																		
08	53	21		07	10	97		39	90			50	37			51	47	42	35	26								~200	32	32	32	33															
08	59	51		07	10	97		40	05			50	56																																		
09	24	59		07	10	97		40	63			51	50																																		
09	25	25		07	10	98		40	64			51	51			50	45	44	30	10																											
09	57	29		07	10	98		41	13	8		52	63																																		
09	57	55		07	10	99		41	13	9		52	64			56	48	45	42	31																											
10	15	77		07	10	99		41	57			53	06																																		
10	19	35		07	10	99		41	89			53	46																																		
10	28	15		07	10	99		42	07			53	72							</																											

[illegible]

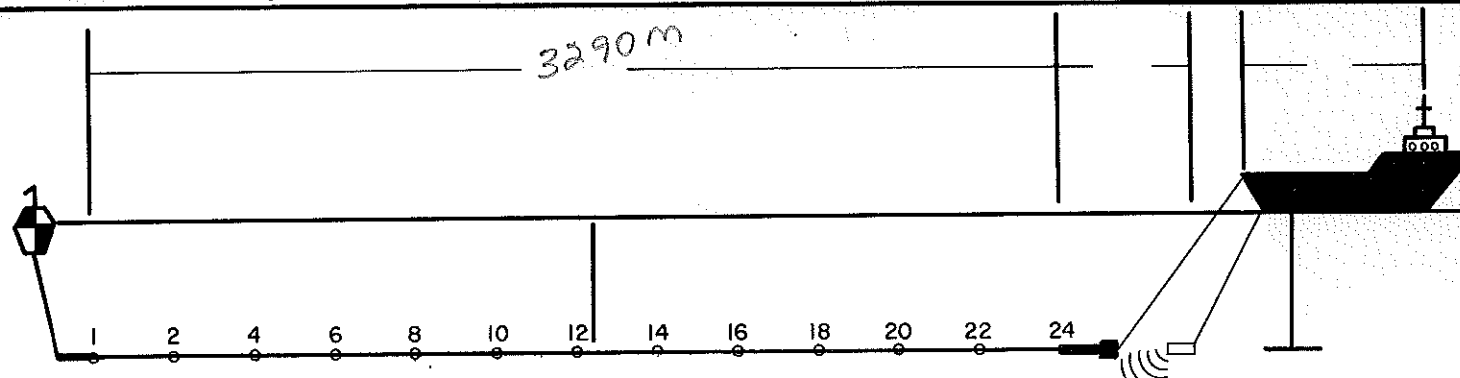
CRUISE				LINE		AREA-PROJECT										DATE																		
FM07-1				CS-1												12 NOV 80																		
TIME		REEL		SH. PT		RECORD NO.		STRMER		DEPTH		GAIN (db)		TRIP		REC.		FLD		REP.		WATER		REL FIRE		CONTINUITY		REMARKS		JOB				
01	43424	07	1107	47	77	64	62									8	24	26																
01	43450	07	1108	47	78	64	63	65	70	56	50	33												33	33	31	30							
01	43450	07	1108	47	78	65	10																											
01	43450	07	1108	47	78	65	15																											
01	43450	07	1108	47	78	65	16																											
01	43450	07	1108	47	78	65	22																											
01	43450	07	1108	47	78	65	36	66	70	58	50	32												540	33	33	31	35						
01	43450	07	1108	47	78	65	66																											
01	43450	07	1109	48	45	65	67																											
01	43450	07	1109	48	45	66	26																											
01	43450	07	1109	48	45	66	41																											
01	43450	07	1109	48	45	67	02																											
01	43450	07	1110	49	21	67	03																											
01	43450	07	1110	49	21	67	51	70	72	55	44	30												620	33	31	33	31						
01	43450	07	1110	49	21	70	16																											
01	43450	07	1111	49	28	70	17	43	45	50	45	34																						
01	43450	07	1111	49	28	70	66																	650	33	28	36	34						
01	43450	07	1111	49	28	71	33																											
01	43450	07	1112	50	75	71	34	53	45	35	40	25																						

CRUISE <i>FM - 07-1</i>	LINE <i>CS-1</i>
START TIME <i>1040Z</i> START LAT. <i>27 43.7 N</i> START LONG. <i>94 29.5 W</i>	END TIME <i>1731Z</i> ENDING LAT. <i>27 13.7 N</i> ENDING LONG. <i>94 47.9 W</i>
SOURCE <i>4 Bolt airguns</i> SOURCE DEPTH	SOURCE CAPACITY <i>4 x 1500 cu in ea</i>
NO. OF TRACES <i>48</i> NEAR TRACE <i>48</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>1 FP</i> SLOPE <i>18 db/oct.</i> SLOPE SLOPE
DATA LENGTH MIN. <i>8</i> MAX. <i>8</i> SAMPLE RATE <i>4</i> NOMINAL FOLD <i>24</i>	
REMARKS	

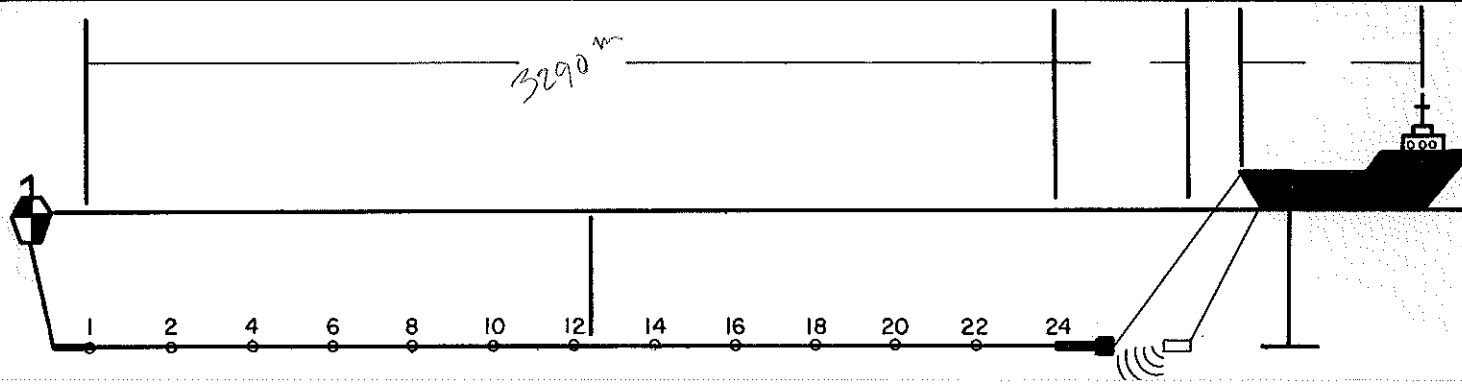


[illegible]

CRUISE <u>FM07-1</u>	LINE <u>CS-3</u>
START TIME <u>2011Z</u> START LAT. <u>27 15.5</u> START LONG. <u>94 32.3</u>	END TIME <u>0830</u> <u>13 NOV 80</u> ENDING LAT. ENDING LONG.
SOURCE SOURCE DEPTH <u>4 BOLT AIR-GUNS</u>	SOURCE CAPACITY <u>1500 cu in</u>
NO. OF TRACES <u>48</u> NEAR TRACE <u>48</u>	GROUP INTERVAL <u>20 m</u> FAR TRACE <u>7</u>
INSTRUMENT FILTERS: <u>LOW 8Hz</u> <u>HIGH 62Hz</u> <u>NOTCH</u>	GAIN MODE SLOPE <u>IFP</u> SLOPE <u>18 DB/OCT</u> SLOPE
DATA LENGTH MIN. <u>8</u> MAX. <u>8 sec</u> SAMPLE RATE <u>4 sec</u> NOMINAL FOLD <u>24</u>	
REMARKS <u>gun #4 out</u> <u>Streamer pulled in and ship returned to Galveston due to hurricane</u>	



CRUISE <u>Fm07-1</u>	LINE <u>CS-2</u>
START TIME <u>17317</u> START LAT. <u>27 13.7 N</u> START LONG. <u>94 47.9 W</u>	END TIME <u>201133</u> ENDING LAT. <u>27 15.5</u> ENDING LONG. <u>94 32.3</u>
SOURCE <u>2 Bolt Airguns</u> SOURCE DEPTH	SOURCE CAPACITY <u>1500 cu ca.</u>
NO. OF TRACES <u>48</u> NEAR TRACE <u>48</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE <u>1 1</u>
INSTRUMENT FILTERS: <u>LOW 8 Hz</u> <u>HIGH 62 Hz</u> <u>NOTCH</u>	GAIN MODE SLOPE <u>IFP</u> SLOPE SLOPE
DATA LENGTH MIN. <u>8</u> MAX. <u>8 sec</u> SAMPLE RATE <u>4 sec</u> NOMINAL FOLD <u>24</u>	
REMARKS	



[illegible]

CRUISE				LINE		AREA-PROJECT										DATE															
FM07-1				CS3 and 4		BULF OF MEXICO CENTRAL SLOPES										13 NOV 80															
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				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		FLU		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT			
004040				071126		6175		1242																				begin turn (sea) 39 min 63			
004513				071126																								Gun 4 out of order			
004614				071126		6189		1260																				check shot			
004946				071126		6196		1267																				Last shot			
004942				071127		6197		1270		5149441332												20 22 41 80				First shot					
010518				071127		6233		1334																				check shot			
0109																												2526 NOISY TRACES 2, 3, 40 DEAD			
011755				071127		6262		1371																							
011910				071127		6264		1374																				* Begin Line CS4 *			
011936				071128		6265		1375		6366564625												32 26 41 80				Last shot					
0120																												First shot			
013906				071128		6311		1452																				Continue in turn for 12 min. more			
0140																												check shot			
0140						A F E W		SCATTERED		PARITY ERRORS ON THIS TAPE																		straight course			
015048				071128		6338		1505																				Last shot			
015114				071129		6339		1506		737854620												32 39 37 80				First shot					
020901						6380		1557																				ck shot			
022438						6416		1623																				last shot			
022503				071130		6417		1624														31 31 36 80				First					
024157						6456		1673		5556484533																ck shot					
025800						6493		1740																				last shot			
025825				071131		6494		1741		5856484535										590		30 33 27 80				First shot					
031217						6526		2001														31 36 32 80				ck shot					
1 2 3 4				6 7 8 9		10 11 12 13 14 15 16 17 18 19 20		1 2 3 4 5 6																							

Rudy Errors

CRUISE				LINE		AREA-PROJECT										DATE																	
FM07-1				CS-4		Gulf of Mexico - Central Slopes										13 Nov 80																	
TIME		REEL		SH. PT		RECORD NO.		STRMER		DEPTH		GAIN (db)		TRIP		REC.		FLD		REP.		WATER		REL FIRE		CONTINUITY		OR LEAKAGE		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		DPTH (Fm)		TIMES		OR LEAKAGE		REMARKS		OB					
033055		071131		6569		2054														735		34 35 40 80				Begin turn on Oct. #175		last shot					
033121		071132		6570		2055																				first							
034631				6600		2120		-73		705 114316																ck slot							
040417		071132		6646		2171																				last shot							
040443		071133		6647		2172		-60		58 494625										34		35 37 80				first shot							
042227				6688		2243						(04122 - print errors)														(0402 Sun 4 up) ck slot							
043739				6723		2306																				last							
043800		071134		6724		2307																				first							
045315		071135		6759		2352		54		43 403318								790		24		23 19 25				ck slot							
051152				6802		2425																				last							
051218		071135		6803		2426		48		30 202020								25		23		21 25				first							
053128		071136		6847		2502																				ck (streamer floating 0538 Z)							
054541				6880		2543																				last							
054607		071136		6881		2544		-09		15 51415								25		24		33 24				first							
060556		071137		6929		2624																				check							
061837		071137		6956		2657																				Last (streamer) Back Down							
061903		071137		6957		2660		57		52 30 1817								24		23		29 27				first							
064043				7007		2742																				check							
065107				7031		2772																				Last (streamer floating)							
065133		071138		7032		2773		07		20 32 1010								25		24		44 25				first 0700 Z							
0711549				7088		3063																				check							
072337				7106		3105																				last							
072404		071139		7107		3106		10		06 100		STREAMER FLOATING - DATA LOOKS BAD														first (streamer) still floating							
073401				7130		3139												21		22		40 26				Ship slowing down to try and raise streamer							

[illegible]