annex 3

A6668

LINE G-82-49

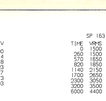
S.P. 101-1246

S.E.

DIRECTION OF IMAGING

Permit G.R5.AS

MIGRATION (REPROCESSING)



1 KM

AGIP S.P.A.
OFFSHORE SICILY
PENN GEOPH. CONSULTANTS

JANUARY 1987 DRAFT N 5/9

GeoCenter
Houston, Texas

DATE PROCESSED APR. 1986
REEL NUMBER 1352
CONTRACT NUMBER 5981

FIELD RECORDING

RECORDED BY G.S.I. NOV ARTIC SEAL
DATE AUGUST 1985 SYSTEM DFS V
FORMAT SEGD GAIN ITP
ENERGY SOURCE
TYPE AIRGUN ARRAY 2000 CU IN
ARRAY 4 STRINGS OF 4 GUN DEPTH 6 m
STREAMER
LENGTH 2400m NO. TRACES 96
DEPTH 17m GROUP INTERVAL 25m
ARRAY GEOPHYSN OVER 25m
PARAMETERS
SHOOTING FOLD 48 S.P. SPACING 25m
SAMPLE INTERVAL 2MS RECORD LENGTH 7 SEC
RECORDING FILTER LO.BND HZ 17@DC

DIGITAL PROCESSING

SEQ	PROCESS	PARAMETERS
1	DEMULTIPLEX	2 REC. INT.= 4 MS ; REJ. 0.0 SEC
2	GEOM. SPREADING	MEDIAL VELOCITY ; 1/T^2.0 VEL.SUBTRS
3	DESIGNATURE	SPIKE 20 MS
4	DESIGNATION	SPIKE 20 MS
5	DECONVOLUTION	160 MS/40 MS
6	VELOCITY ANALYSIS	2500m/s OVER 8 VELOCITIES
7	STACK	48 FOLD
8	MUTE	TOP MUTE 25 % WATER
9	DECONVOLUTION	160 MS/40 MS
10	CORRELATION	0.5 SEC WIN.; INT. 96; LIMIT 400/800
11	FILTER	18 DB/OCT
12	DERIVATION	1 MS AMPLITUDE EQUALIZATION

1 ms - 4(12-6)(11) ms REPRESENTATION 9 WORDS

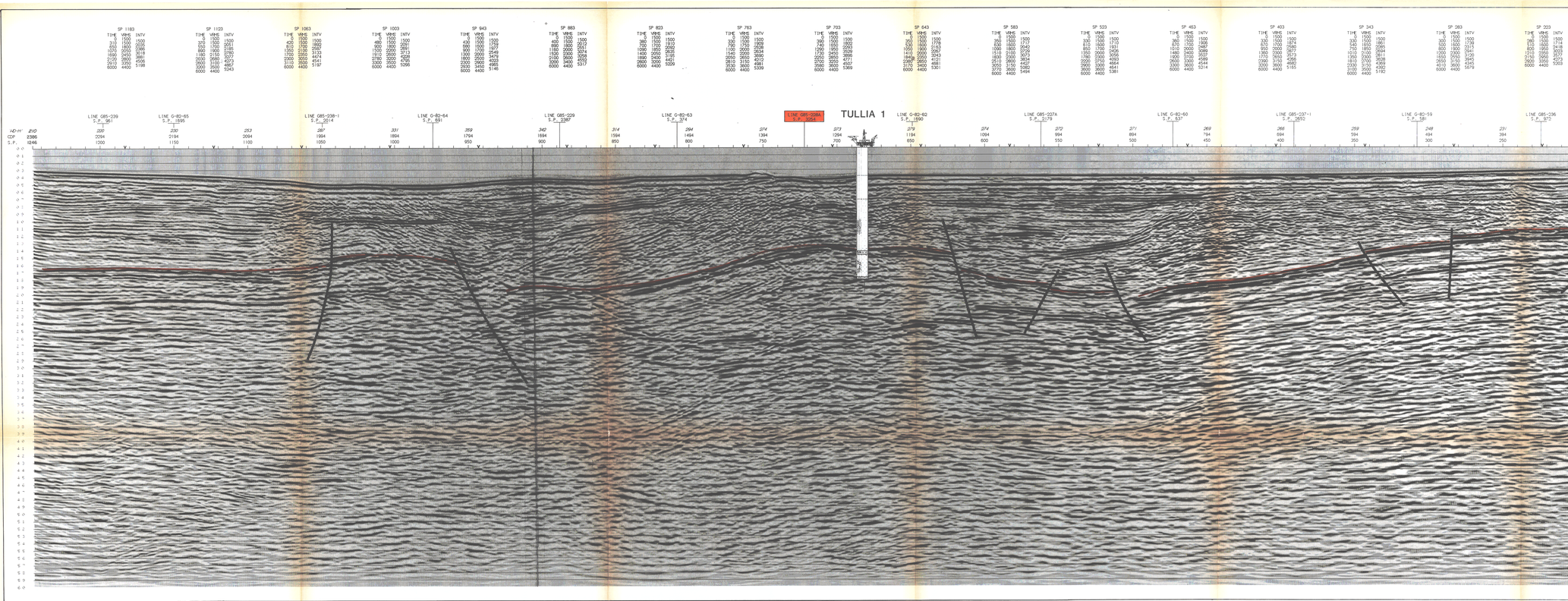
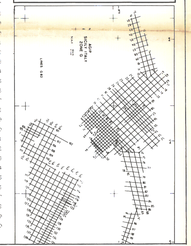
DECON	OPERATOR LENGTH	OPERATOR GAP	APPLICATION WINDOW	APPLICATION WINDOW
5	160 ms	12	1000 FOLLOW P.S.	RECORD LENGTH
10	360 ms	40	1000 FOLLOW P.S.	RECORD LENGTH

FILTER	SET	A	B	C	SET	APPLICATION TIMES FOR DISTINCTIVE SPECTRUM
11	SHOOT	6	10	45	60	SHOOT FOLLOW P.S.
	CABLE	4	10	45	60	CABLE FOLLOW P.S.
		6	10	55	70	
		4	10	55	70	

ALL TIMES IN MILLISECONDS ALL FREQUENCIES IN HERTZ
FILTERS INTERPOLATED LINEARLY BETWEEN APPLICATION TIMES
FILTER SET 1 = 6/10/45/60 ; SET 2 = 4/10/55/70 ; SET 3 = 6/10/55/70
TAPERING LENGTH EQUAL TO 1/4 OF LENGTH, AND CAP FOR TOTAL LENGTH

SAMPLE RATE : 4 MS ; DATUM CORRECTION : 15MS

SCALES : HORIZONTAL 25 °/INCH VERTICAL 5 CM/SEC

RECORDING POLARITY : COMPRESSION=HIGH NUMBER ON TAPE

PROCESSING POLARITY : POSITIVE NO GIVES BLACK PEAK