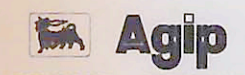


A 3498

All.	Data	Dis.n.
2/b	DIC.'91	2675/4

LINE A83-100 48 FOLD S.P. 755 S.P. 485

TIME MIGRATION  
W-X DOMAIN



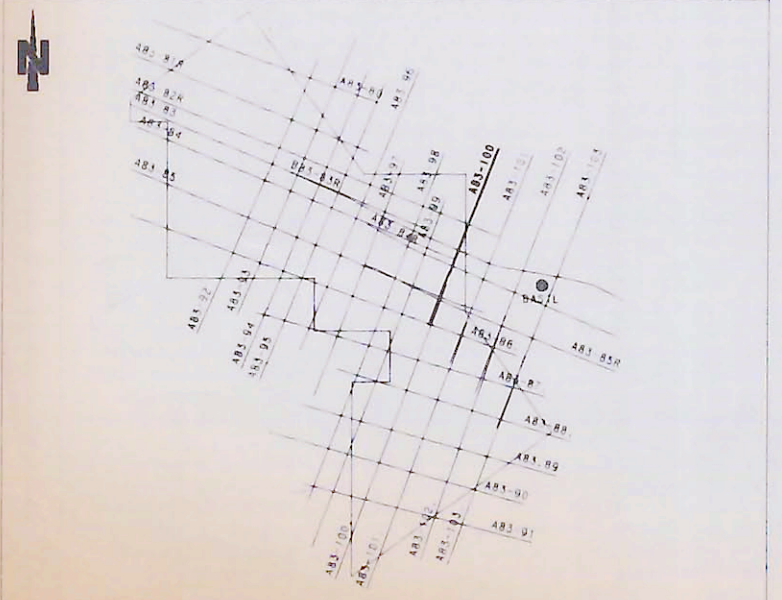
HYDROCARBON EXPLORATION  
GEOPHYSICAL EDP CENTRE

AREA OFFSHORE ITALY  
PROSPECT A.R75.PX

RECORDING	DATA	PLAYBACK	DATA
CONTRACTOR	HORIZON EXPL. LTD.	DATUM PLANE	SEA LEVEL
PARTY NO	NORTHERN HORIZON	VERTICAL SCALE	1 SEC- 5 Cm.
RECORDING INSTRUMENT	DPS V	HORIZONTAL SCALE	1: 25000
SAMPLE RATE	2 MS	POLARITY CONVENTION	SEISMIC
RECORD LENGTH	6 SEC	PREPROCESSING REEL	608010-608011
FILTER L.C.	12 HZ-18 DB/OCT	STACK REEL	608001
ALIASING FILTER	128 HZ-72 DB/OCT	MIGRATION REEL	608200
DATE	JULY, 1983	PREVIOUS PROCESSING	
SPREAD CONFIGURATION	162M-2537M		
TRACE / S.P.	06		
GROUP / INTERVAL	25 M.		
GEOPHONES / GROUP			96
GEOPHONES / HZ			
ENERGY/SOURCE	WATERGUN		
SHOT INTERVAL	25 M.		
AVG CABLE DEPTH	6 M.		
AVG. SOURCE DEPTH	4 M.		

PROCESSING

INPUT FORMAT: SEG-B GAP	-WINDOW: 2.0-6.0SEC OP: 40-200MS WL: 12
9 TRAKS 1600 BPI	-TRACE BALANCE
EDIT/DEMULTEPLEX F.L.	MINIMUM TO ZERO PHASE CONVERSION
DESIGNATURE TO MINIMUM PHASE	T.V.FILTER :
USING FAR FIELD SIGNATURE	TIME LC /SLOPE HC/SLOPE
TIME RESAMPLING TO 4 MS.	0.0-2.5SEC 10HZ/24DB 75HZ/48DB
PREPROCESSOR:	2.5-4.5SEC 12HZ/24DB 40HZ/48DB
-SORTING TO CDP GATHER	TIME MIGRATION: W-X DOMAIN
-SOURCE AND STREAMER STATIC: +6MS	-100% VSTACK
-GUN DELAY RECOVERY : -20 MS	T.V.FILTER :
-AMPLITUDE RECOVERY: GEOM. SPREADING	TIME LC /SLOPE HC/SLOPE
DECONVOLUTION: MIN. PHASE INV. FILTER	0.0-0.8SEC 10HZ/24DB 70HZ/48DB
-WINDOW: 0.0-2.0SEC OP: 4-180MS WL: 12	0.8-1.5SEC 10HZ/24DB 60HZ/48DB
-WINDOW: 2.0-6.0SEC OP: 4-180MS WL: 12	1.5-2.7SEC 10HZ/24DB 50HZ/48DB
-TRACE BALANCE	2.7-4.0SEC 10HZ/24DB 45HZ/48DB
D.M.O. CORRECTION	4.0-6.0SEC 10HZ/24DB 40HZ/48DB
VELOCITY ANALYSES	RADIAL PREDICTIVE FILTER:
-VEL. INCREMENT: 50 M/SEC	7 TR -7 / 5 MS/TR 70% 1/P
-VEL. RANGE: 1500-4000 M/SEC	BILATERAL MIX: TIME(SEC) WEIGHT(%)
-CORR. GATE: 0-3000MS 24 MSEC	0.0-0.8 5-90-5
	0.8-6.0 10-80-10
DYNAMIC CORRECTIONS	TIME VARIANT EQUALIZATION(200-800MS)
STACK 48 FOLD	NOTE:
D.A.S.: PREDICTIVE	A SHIFT OF -36MS HAS BEEN APPLIED IN
-WINDOW: 0.0-2.0SEC OP: 40-200MS WL: 12	ORDER TO MATCH PREVIOUS PROCESSING



DATE OCTOBER, 1990  
PROCESSED BY D. BORRINI  
CONTROLLED BY P. STORER

