Fig. 1

DATUM PLANE

GEOPHONE CORRECTION

COVERAGE

CDP 1632 SP 116		
TIME	NMOVEL	INTVEL
200	2400	2400
550	3200	3718
750	3800	4920
1200	4100	5216
1800	4700	6000

CDP 1740 SP 170		
TIME	NMOVEL	INTVEL
200	2400	2400
550	3200	3718
750	3600	4319
1200	4500	6358
1800	4600	6000

CDP 1900 SP 250		
TIME	NMOVEL	INTVEL
200	2400	2400
650	3300	3629
850	3900	5408
1200	4100	4549
1400	4300	5345
1600	4500	6521
1800	4600	6000

Perm. POZZALLO

SR 308-82 / 101 136

SW NE

CDP 1632 1640 1660 1680 1700 1720 1740 1760 1780 1800 1820 1840 1860 1880 1900 1920 1940 1960 1980 2000 2020 2040 2060

SP 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330

OPC

AMERILLO

HYBLA

NEAR TOP BUCCHERI

NEAR TOP MODICA

NEAR TOP STREPPENOSA

NEAR TOP GELA

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AGIP
COMPANY

POZZALO
AREA

SR 308F-82
LINE

111 335
SHOT POINTS

SOUTHWEST NORTHEAST

WAVE EQUATION MIGRATION
SATAN REITERATION
WITH PREFILTER
SURVEY 127 3540

PLATE 52M

JANUARY 20 ,1983

FIELD RECORDING

RECORDED BY CGG	AUGUST 08 THROUGHT SEPTEMBER 30.1982
RECORDING PARAMETERS	LENGTH 7S SAMPLING 2 MS 12.5HZ LOW CUT FILTER
RECORDING SPREAD	STRADDLE SHOOTING.96TRACES.40M INTERVAL

TR1 SP TR96
I 1900M I 1900M

DETECTORS	27 GEOPHONES (SM4U.10HZ)PER TRACE
DETECTOR ARRAY	X---X---X---X---X---X---X---X---X I--------40 M--------I SEISMIC--O----X---X---X---X---O---X---X---X---X----O--LINE I 10 M BARYCENTER X---X---X---X---X---X---X---X---X O STATIONS I---------- 56 M ----------I X DETECTORS
RECORDER	SERCEL SN 348 96 TRACES
TAPES	9 TRACKS 1600BPI HB 8656-57-58
SOURCE	EXPLOSIVES MAXIMUM CHARGE 12KGS 1 HOLE HOLE DEPTHS 15 TO 25 METERS
SHOT POINT INTERVAL	40 TO 200 M MAXIMUM LATERAL OFFSET 120M

SURFACE CORRECTIONS

STATICS COMPUTED BY UPHOLE AND FIRST-BREAK METHODS
VELOCITY FOR STATIC CORRECTIONS : 2400 M/S ON WHOLE LINE
DATUM: MEAN SEA LEVEL

PROCESSING SEQUENCE

PROCESSED LENGTH 5 SEC IN 4MS

DEMULTIPLEXING	
AMPLITUDE RECOVERY	
COMMON DEPTH POINT GATHER	
EDITING MUTES :	140 M 100 MS,760 M 200 MS, 1900 M 600 MS
STATIC CORRECTIONS	GROUND LEVEL TO FLOATING DATUM
DECONVOLUTION	MINIMUM PHASE,3 OPERATORS,LENGTH 150MS T300-T1300,T1100-T2200,T2000-T4000,T4050 LINEAR INTERPOLATION BETWEEN GATES
FILTER BEFORE STACK	21HZ-70HZ,TO-T1000,7HZ-45HZ,T2500-T5000 LINEAR INTERPOLATION BETWEEN GATES
TRACE EQUALIZATION	OPERATOR LENGTH 800MS
VELOCITY ANALYSIS	VELOCITY SCAN AND ANVIT BIGGATHER
NMO CORRECTIONS	LINEAR INTERPOLATIONS BETWEEN VELOCITY FUNCTIONS
AUTOMATIC STATICS	SURFACE CONSISTENT STATICS (SATAN) CALCULATION WINDOW : 500-3500 MS
AUTOMATIC STATICS	SATAN 4 MEDIUM FREQUENCY
AUTOMATIC STATICS	SATAN REITERATION
STACK	1200 0/0 FOLD
STATICS CORRECTIONS	STATICS TO FLAT DATUM
FILTER AFTER STACK	12HZ-70HZ,TO-T1000,10HZ-55HZ,T2000-T3500 8.5HZ-45HZ,T4000-T5000 LINEAR INTERPOLATION BETWEEN GATES
MIGRATION	WAVE EQUATION MIGRATION
ANALOG DISPLAY	

ANALOG DISPLAY PARAMETERS

HORIZONTAL SCALE 1KM=8CM
VERTICAL SCALE 1SEC=10CM
VELOCITY OF HOMOGENEITY : 2400 M/S
DATUM : MEAN SEA LEVEL

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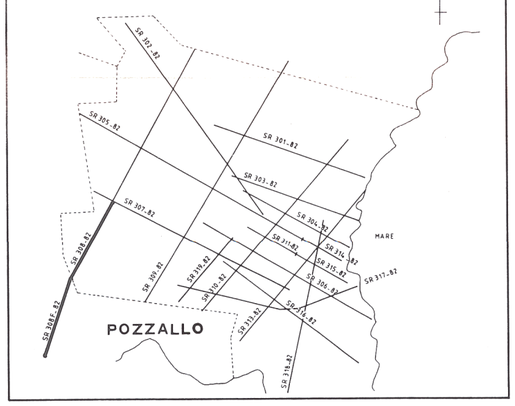
SCALE
50 TR. x 1 KILOMETER

Location Map
scale 5Km