LINE AP-2 S. P. 100 S. P. 203

600% DBS-STK-MIG-TVF REFERENCE : 190577/5

C. P. I. Compagnia Petrolifera Italiana s.p.a.

AREA ITALIA CENTRALE
PROSPECT ACQUAVIVA PICENA

WESTERN RICERCHE GEOFISICHE s.p.a.

RECORDING DATA

SHOT BY	OGS
PARTY	TD 189
MAGNETIC RECORDER	DFS III
GAIN	BINARY
SAMPLE RATE	4 ms.
RECORD LENGTH	6000 ms.
FILTER HI	62 Hz.
FILTER LOW	12 Hz.
ALIASING FILTER	Hz.
SUBSURFACE COVERAGE	600%
DATE	DECEMBER, 1976

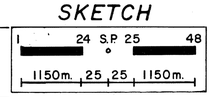
PLAYBACK DATA

SAMPLE RATE	4 ms.
RECORD LENGTH	5000 ms.
AMPLITUDE	17
WEATHERING VEL.	m/sec.
SUBWEATHERING VEL.	2000 m/sec.
DATUM PLANE	SEA LEVEL
Scale VERTICAL	1 Sec. 10.0 cm.
Scale HORIZONTAL	1 Km. 8.5 cm.
PREPROCESSOR REEL No.	80806
STACK REEL No.	82930
DATE	MAY, 1977

FIELD DATA

SPREAD CONFIGURATION 1175-25-25-1175 m.

SKETCH



ENERGY SOURCE	EXPLOSIVE
SHOT HOLES / S.P.	1
AVERAGE CHARGE / SHOT	5 Kg.
AVERAGE SHOT / DEPTH	20 m.

GEOPHONE PATTERN

GROUP INTERVAL	50 m.
GEOPHONES / GROUP	24
GEOPHONE FREQUENCY	10 Hz.

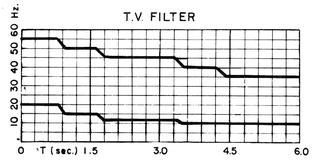
PROCESSING

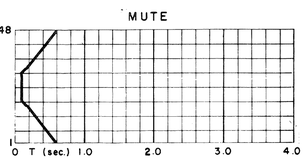
- _ TRANSCRIPTION
- _ EDIT-DEMULTIPLEX ONLY OUTPUT
- _ EDIT-GAINED OUTPUT
- X EDIT-GEOPHONE AMPLITUDE OUTPUT
- _ CORRELATION
- X PREPROCESSOR
- STATIC CORRECTIONS
  - X BEFORE NMO
  - _ AFTER NMO
- DYNAMIC CORRECTIONS
  - X STRAIGHT RAY
  - _ CURVED RAY
- _ PRELIMINARY STACK
- _ 100% CORRECTED
- _ 100% SELECTED TRACES
- _ MINI SECTION
- X VELOCITY ANALYSIS

- RESIDUAL STATICS
  - X COMMON DEPTH POINT METHOD
  - _ COMMON OFFSET METHOD
  - _ COMMON SHOT METHOD
  - _ COMMON RECEIVER METHOD
  - _ MANUAL
- _ STACK
- _ WEIGHTED STACK
- X COHERENCY STACK
- X PREFILTER 8-60 Hz.
- _ SPECIAL GAIN ROUTINE
- _ SPECIAL MUTE
- _ FREQUENCY FILTER
- _ MULTICHANNEL FILTER
- X RADIAL PREDICTIVE FILTER
- _ CONTINUOUS VELOCITY ANALYSIS
- X MIGRATION

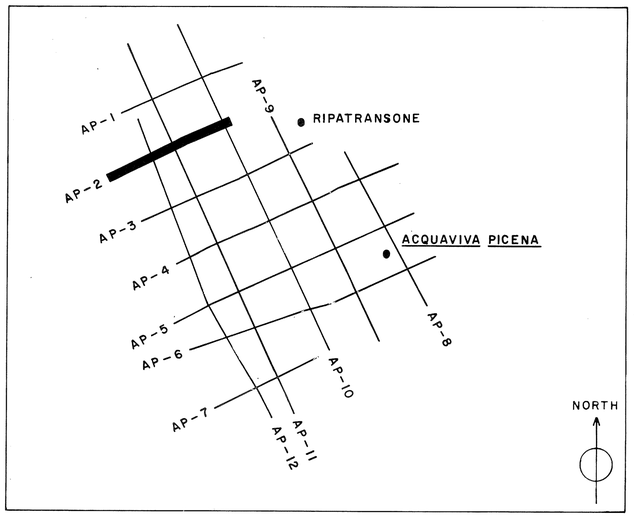
PREDICTIVE TIME DOMAIN DECON
- X BEFORE STACK
- _ AFTER STACK

PREDICTION DISTANCE	OPERATOR LENGTH	No. WINDOWS
24ms	160ms.	3

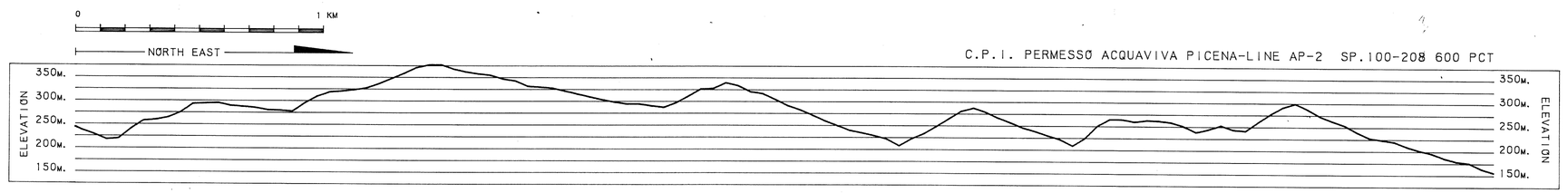




▽ VELOCITY FUNCTION CHANGE ▼ INTERSECTION ▼ VELOCITY ANALYSIS LOCATION



ANALYST _____



TIME	VEL
0.100	2000
0.400	2100
0.900	2800
1.100	3100
1.600	3400
4.000	4100

VELOCITY CHANGE

TIME	VEL
0.100	2000
0.500	2150
0.900	2550
1.300	3100
2.200	3500
4.000	4000

VELOCITY CHANGE

TIME	VEL
0.100	2000
0.500	2150
1.100	2700
1.700	3100
2.100	3400
4.000	4000

VELOCITY CHANGE

AP 12 SP 117 · AP-11 SP 184 · AP-10 SP 182

100 110 120 130 140 150 160 170 180 190 200 203

0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0