Agip

STRA

WELL CORVI 1
FIELD CORVI
COMPANY AGIP
COUNTRY ITALY

PROCESSING

SONIC LOG CALIBRATED FROM WELL VELOCITY SURVEY

CALIBRATION METHOD APPLIED

- ☒ GRADIENTS MINIMIZATION
- ☐ BLOCK SHIFT
- ☐ DT MINIMUM
- ☐ WELL LOGS COMPARISON
- ☐ SEISMIC REFLECTION DATA COMPARISON

PREVIOUS PROCESSING DATE ______ *DATE* 20-JUN-88

BOREHOLE INFORMATION

LOCATION COORDINATES Lat. 37 50 40.14 Long. 00 03 41.7

LAND ☒ OFFSHORE ☐ NEAREST SEISMIC LINE ______

Permanent datum 50.
Logs measured from KB
Drilling measured from 1280

FEET ☐
METERS ☒

ELEVATIONS
GL 50.
DF 57
KB 57.

Log depths referred to K.B.

Log times referred to G.L.

BOREHOLE REFERENCE DATA

	BIT		CASING		TOP (KB)	BOTTOM (KB)	SONDE	DATE			
	SIZE	DEPTH (KB)	SIZE	DEPTH (KB)							
1	12.25	1209.	9.63	306.00	306.00	1207.	0.00	12-08-87	0.	0.	0.
2	8.50	1281.	7.00	1204.	1204.	1281.	0.00	21-08-87	0.	0.	0.

COMMENTS :

MV-1491
NON E' STATO UTILIZZATO IL PRIMO RUN DI SONIC LOG (50-309 M)
NON SONO STATI UTILIZZATI I CHECK SHOTS FINO A 640 M.
DA 640 M E' STATO INDIVIDUATO UN TREND DI CALIBRAZIONE.

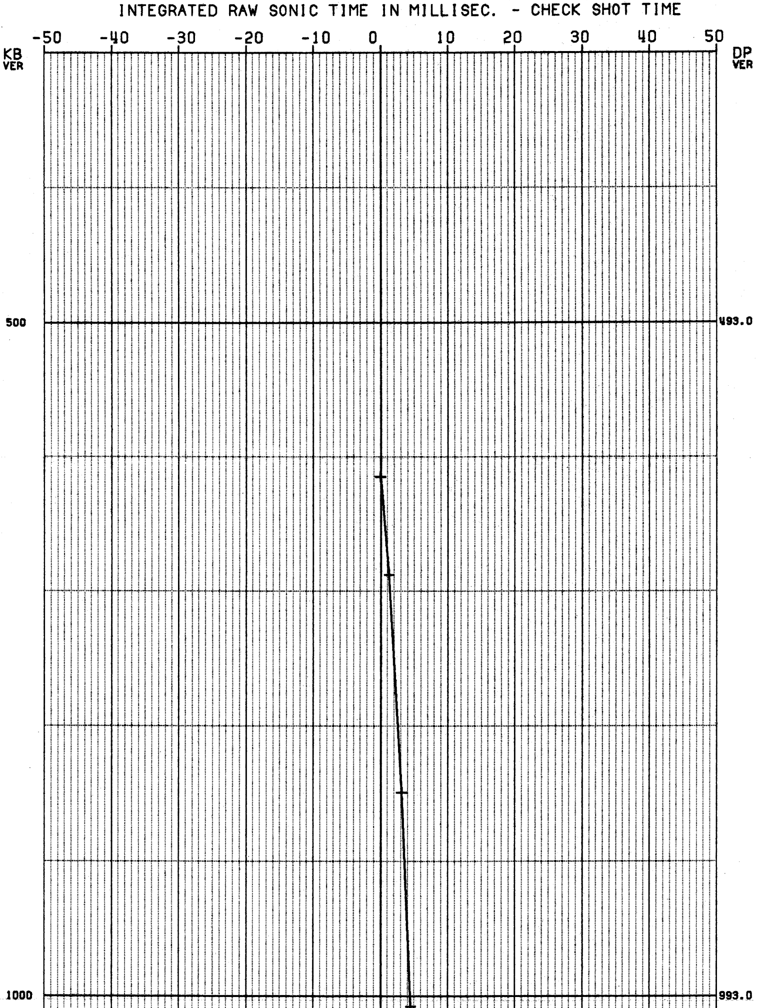
WELL VELOCITY SURVEY

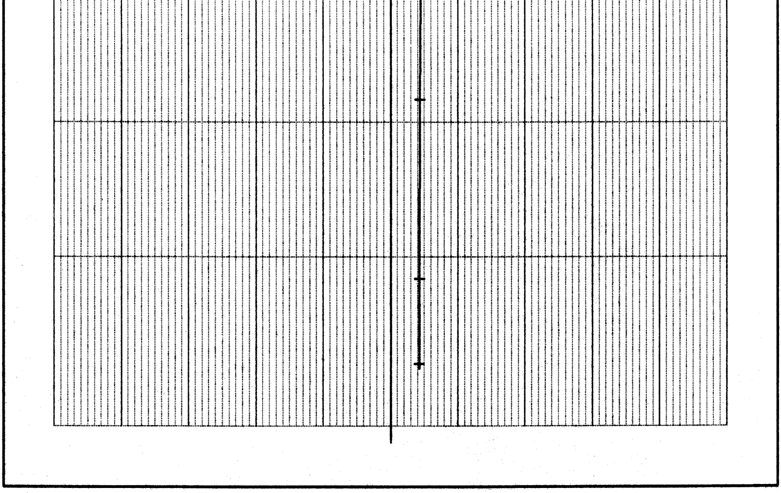
	DEPTH			VERTICALIZED TRAVEL-TIME (Sec.)	AVERAGE VELOCITY	DEPTH INTERVAL	TIME INTERVAL	INTERVAL VELOCITY		
	KB MIS	KB VER	DP VER							
1	615.	615.	608.	0.275	2212.	608.	0.275	2212.		
2	688.	688.	681.	0.304	2237.	73.	0.030	2474.		
3	849.	849.	842.	0.363	2320.	161.	0.059	2745.		
4	1008.	1008.	1001.	0.429	2336.	159.	0.066	2427.		
5	1083.	1083.	1076.	0.455	2363.	75.	0.027	2793.		
6	1216.	1216.	1209.	0.505	2395.	133.	0.049	2690.		
7	1279.	1279.	1272.	0.519	2451.	63.	0.014	4485.		

ENERGY SOURCE AIRGUN

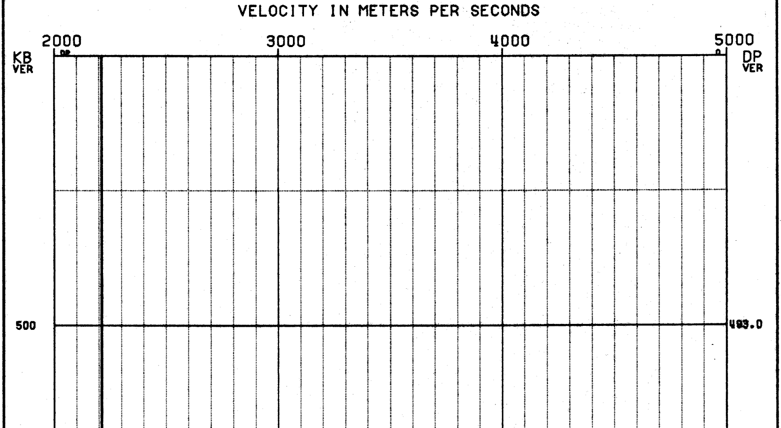
DOWN-HOLE GEOPHONE -

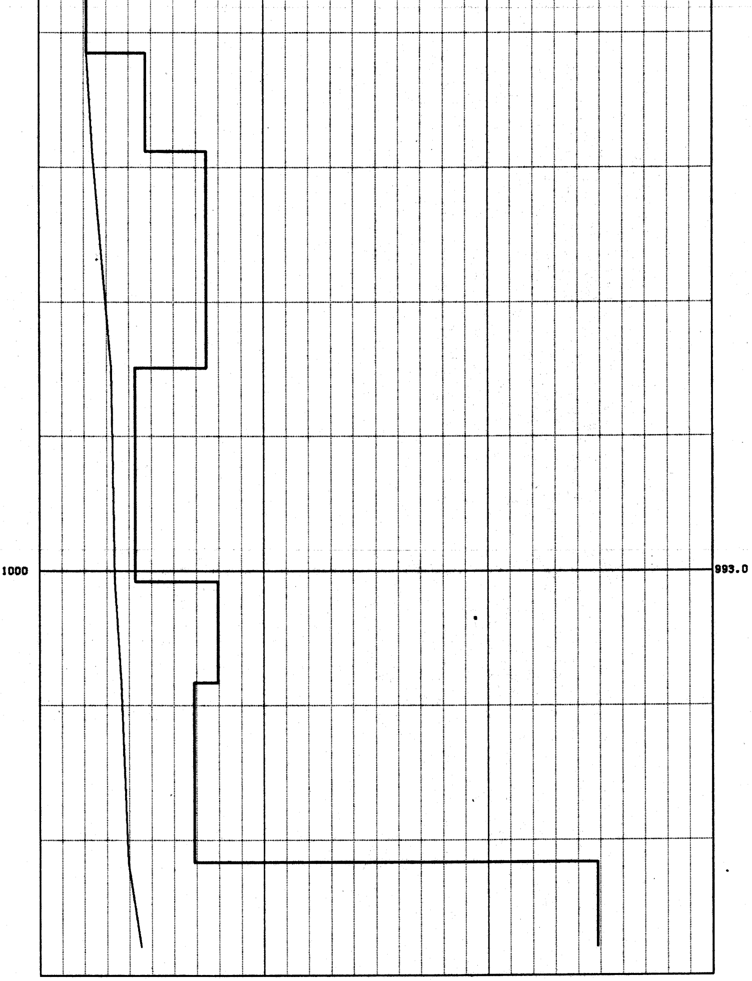
CALIBRATION CURVE





INTERVAL & AVERAGE VELOCITY



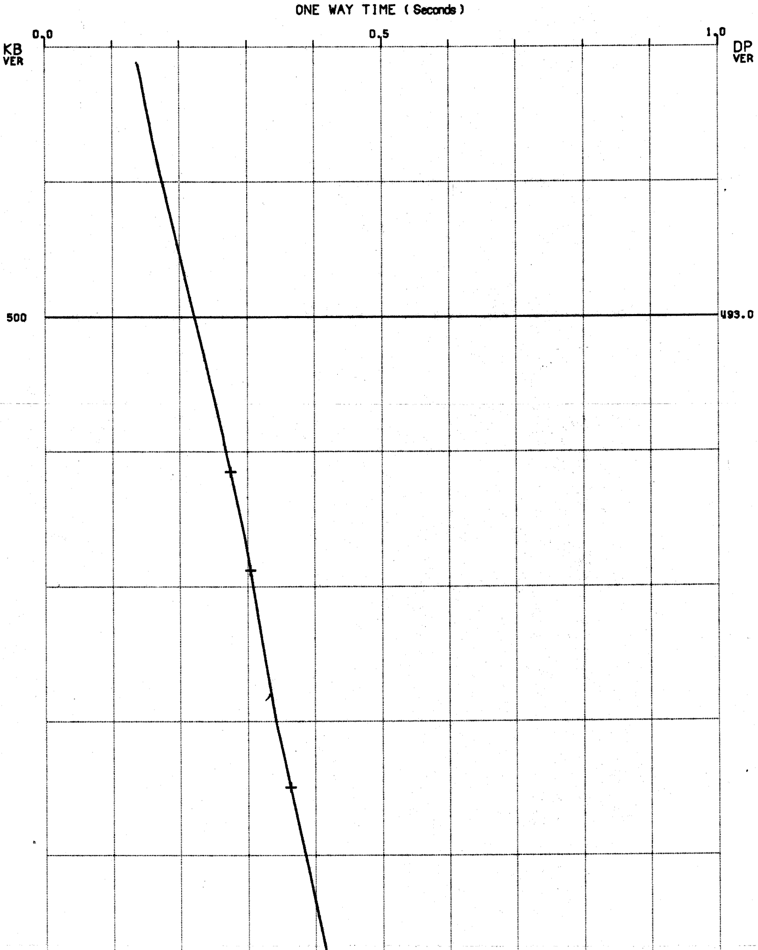


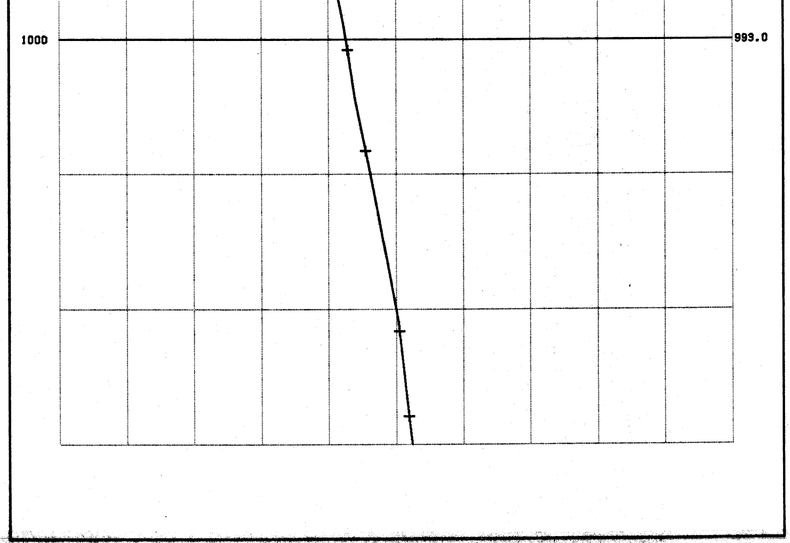
INTERVAL VELOCITY BETWEEN CHECK-SHOT
AVERAGE VELOCITY BETWEEN CHECK-SHOT

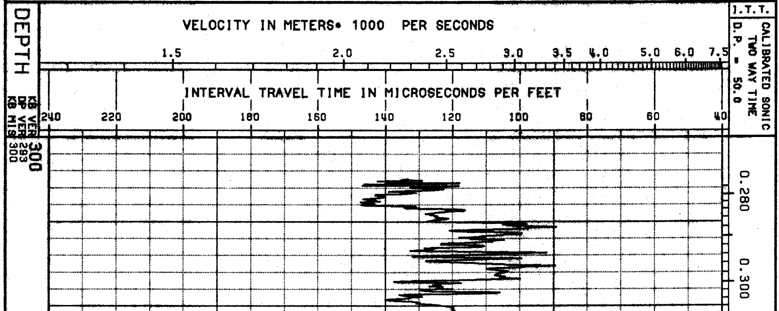
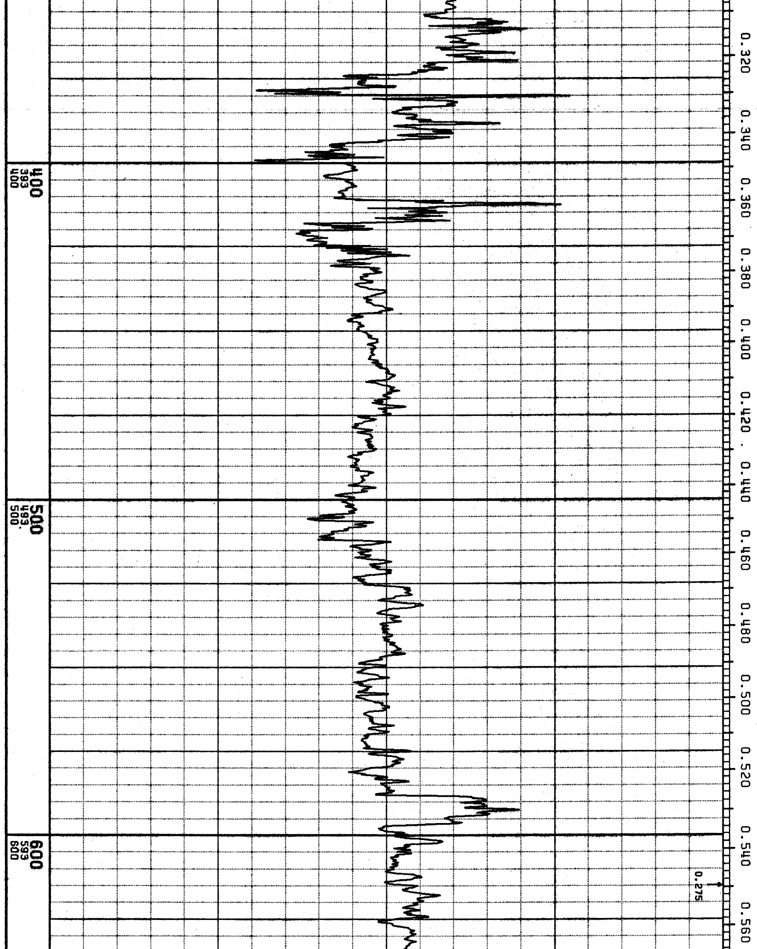
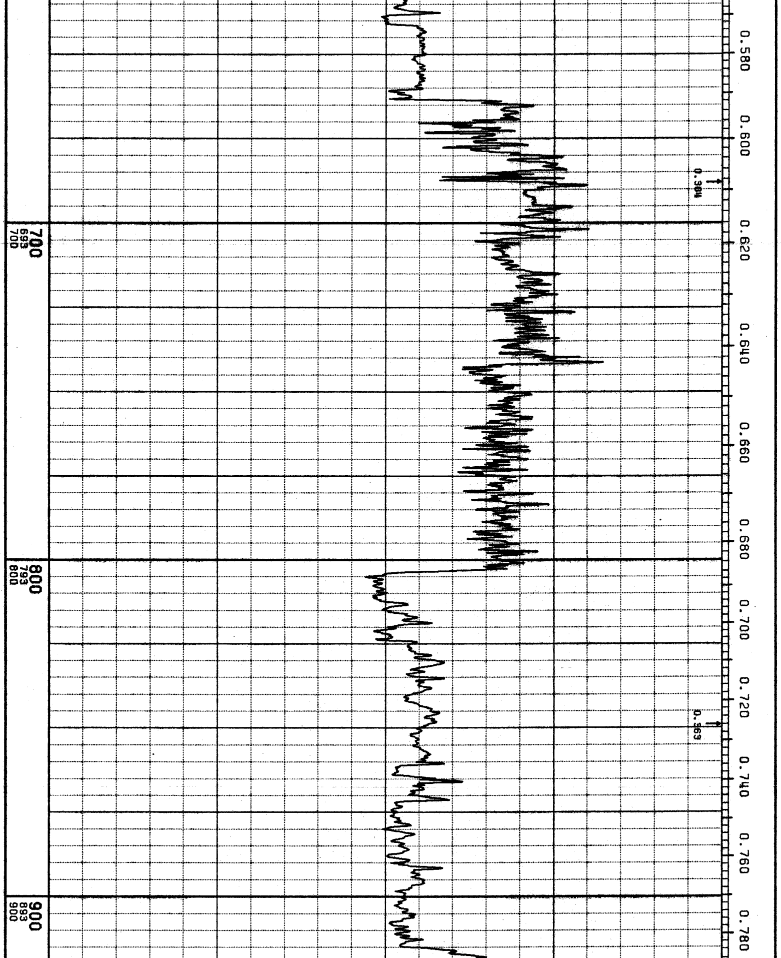
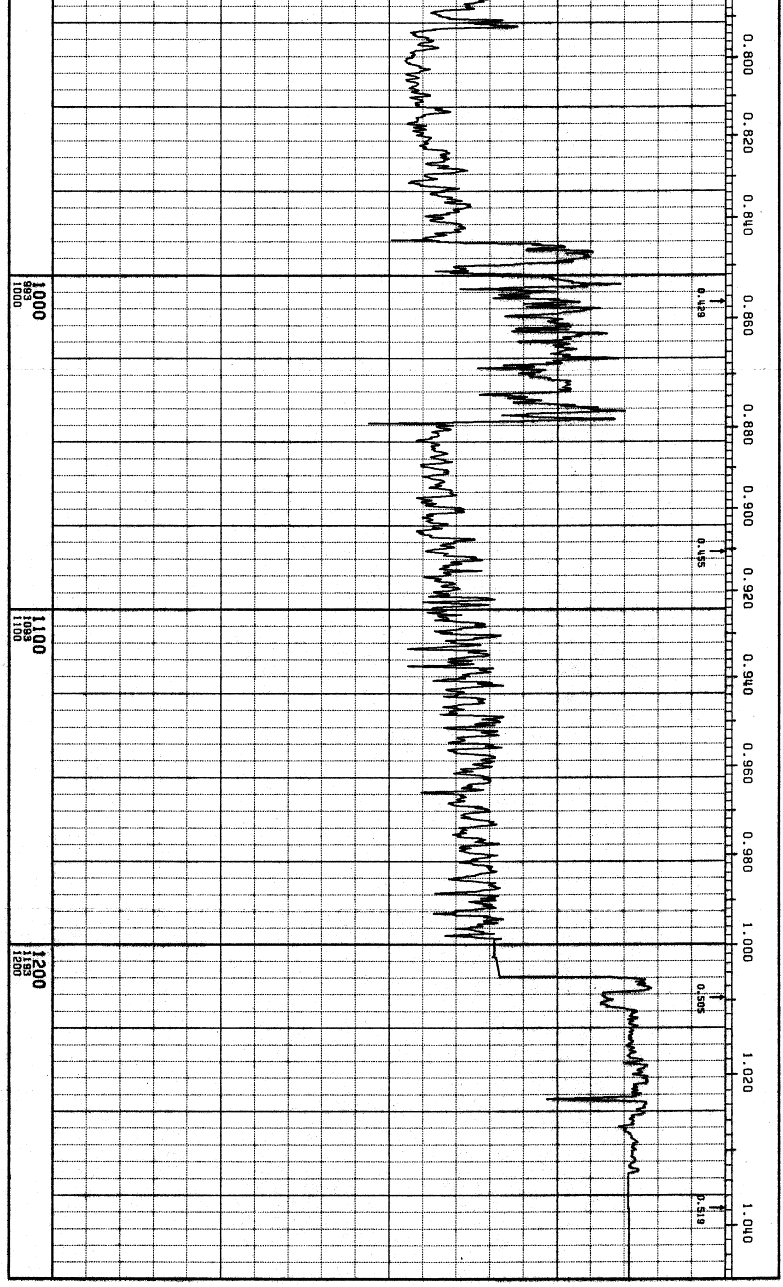
SUMMARIZING TABLE

	DEPTH			CORRECTED TRAVEL-TIME (Sec.)	INTEGRATED RAW-SONIC TIME	DRIFT CC-MV A (Sec.)	CI				
	KB MIS	KB VER	DP VER								
1	615.	615.	608.	0.275	0.275	0.000	1.041				
2	688.	688.	681.	0.304	0.306	0.001	1.034				
3	849.	849.	842.	0.363	0.366	0.003	1.020				
4	1008.	1008.	1001.	0.429	0.433	0.005	0.995				
5	1083.	1083.	1076.	0.455	0.460	0.004	0.999				
6	1216.	1216.	1209.	0.505	0.509	0.004	0.996				
7	1279.	1279.	1272.	0.519	0.523	0.004	1.000				

DROMOCHRONE





DEPTH SCALE 1 / 1000