AMOCO ITALIA RICERCA INC.

# FINAL WELL LOG

## CARLA n.º 1

ARCHIVIO
GECF
CS/F1

### VERTICAL SCALE 1:1000

AGIP
ARCHIVIO POZZI
AGEO
E/PROF

**LOCATION:** INTENDED S.P. 125 Line Z.C. 147 A Co-ord 37°15'33.773"N 12°38'53.36"E

**AREA:** Offshore Zone 'C' Sicilian Chanel (CR-35 AO)

**K. B. E.:** 171·44m. (562·5 ft)

**WATER DEPTH:** 161·84m. (531 ft)

**LEG PENETRATION:** /

**DISTANCE FROM BOTTOM OF BARGE TO M.S.:** /

**DATE SPUDDED:** December 26th. 1973

**DATE COMPLETED:** May 8th 1974

**TOTAL DEPTH:** 3838 m.

**PLUG BACK DEPTH:** (Abandon) no.I 3573-3450, bridge plug at 2987, II 2987-2903 III 300-213

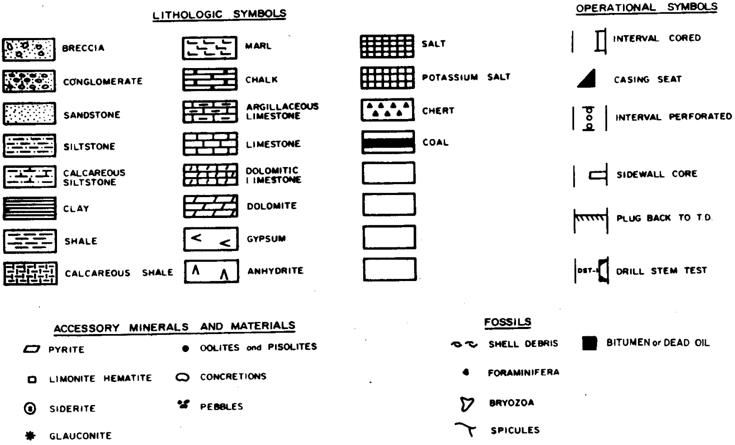
**CASING:** 30" cond. at 256m., 20" surf. at 497m., 13 3/8" Int. at 1634m., 9 5/8" int at 2996m.

**RIG TYPE:** Floating drilling ship 'GLOMAR SIRTE'

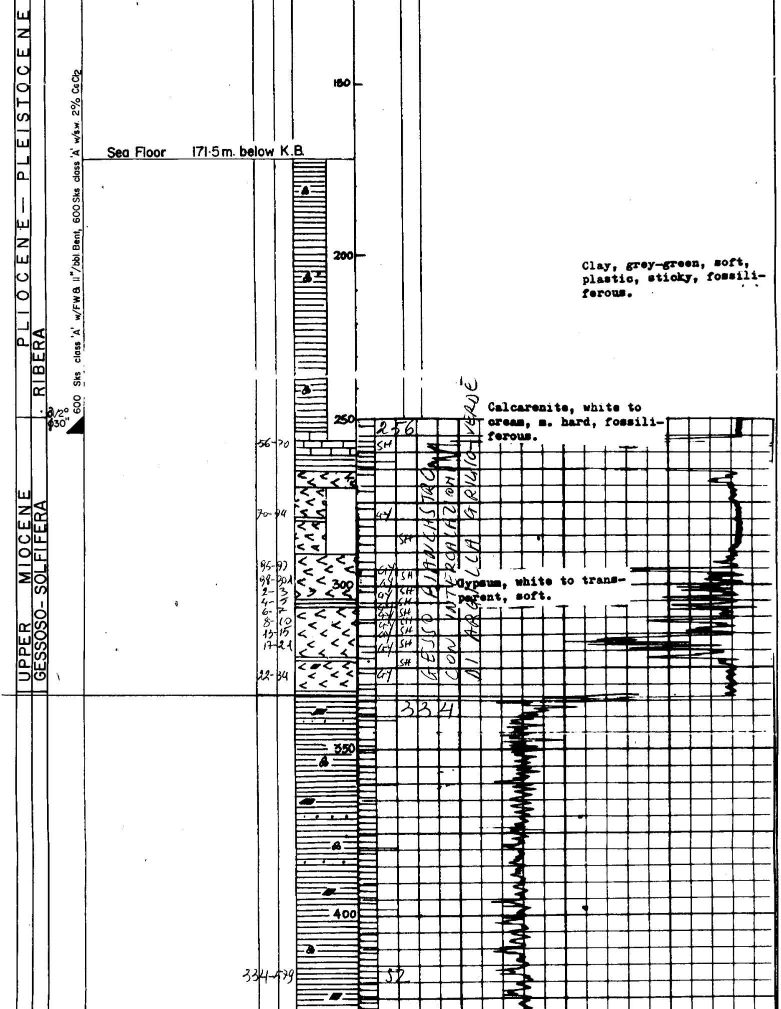
**METHOD OF COMPLETION:** Abandoned as Dry Hole

### LOGGING PROGRAM

| | | | | | |
|---|---|---|---|---|---|
| Drilled Depth | 512 mts. | 1854 mts. | 3000 mts. | 3838 mts. | |
| Date | Dec 31 · 1973 | JAN. 22 - 1974 | March 24 - 1974 | May 3 - 1974 | |
| Logs Run | IES; BHC Sonic | IES; BHC Sonic | IES; BHC Sonic | IES; BHC Sonic - Gamma | |
| | | Gamma. | Gamma; HDT | SNP; FDC; Laterolog | |
| | | | Dipmeter. | ML-MLL; HDT Dipmeter | |
| | | | | VS; SWC. | |
| Bottom Log Interval | 508 mts | 1556 mts. | 2998 mts. | 3834 mts. | |
| Top Log Interval | 256 mts | 496 mts. | 1634 mts. | 2995 mts. | |
| Bit Size | 14" 3/4 | 14" 3/4 | 12" 1/4 | 8" 1/2 | |
| Type of Fluid in Hole | seawater | KCL - seawater | Low Solid seawater | Low Solid seawater | |
| Salinity | ~ 30,000 ppmcl. | ~ 30,000 ppmcl. | ~ 30,000 ppmcl. | ~ 30,000 ppmcl. | |
| Density / Viscosity | 9.1 56 | 10.4 / | 9.6 60 | 9.4 44 | |
| pH / Fluid Loss (ml.) | 8 | 11.5 16 ml. | 8.5 10 ml. | 9.5 12.5 ml. | |
| Rm. at 60°F 16°C | 0.49 | 0.15 | 0.408 | 0.371 | |
| Rmf. at 60°F 16°C | 0.42 | 0.12 | 0.333 | 0.309 | |
| Rmc. at 60°F 16°C | 0.8 | 0.6 | 0.975 | 0.715 | |
| B.H.T. from I.E.S | / | 55°C (131°F) | 96°C (204°F) | 125°C (257°F) | |


LITHOLOGIC SYMBOLS
BRECCIA
CONGLOMERATE
SANDSTONE
SILTSTONE
CALCAREOUS SILTSTONE
CLAY
SHALE
CALCAREOUS SHALE
MARL
CHALK
ARGILLACEOUS LIMESTONE
LIMESTONE
DOLOMITIC LIMESTONE
DOLOMITE
GYPSUM
ANHYDRITE
SALT
POTASSIUM SALT
CHERT
COAL
OPERATIONAL SYMBOLS
INTERVAL CORED
CASING SEAT
INTERVAL PERFORATED
SIDEWALL CORE
PLUG BACK TO T.D.
DST-1
DRILL STEM TEST
ACCESSORY MINERALS AND MATERIALS
PYRITE
LIMONITE HEMATITE
SIDERITE
GLAUCONITE
OOLITES and PISOLITES
CONCRETIONS
PEBBLES
FOSSILS
SHELL DEBRIS
FORAMINIFERA
BRYOZOA
SPICULES
BITUMEN or DEAD OIL

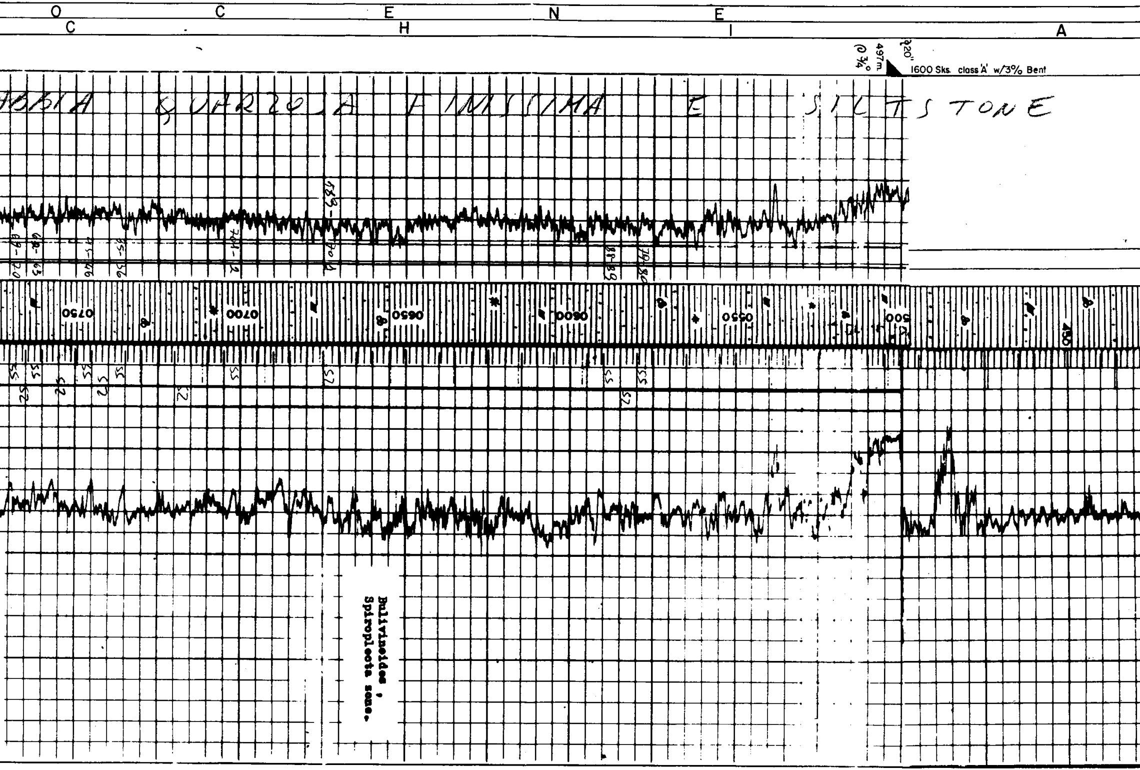
| AGE | FORMATION | CASING, PLUGS, PACKER, LINER, PERF. DEVIAT. | GAMMA RAY A.P.I. UNITS 0 – 100 | TEST | CORES | GRAPHIC LITHOLOGY | PORO-SITY | SHOWS | INTERVAL TRANSIT TIME micsec./ft. 240 – 140 – 40<br>DESCRIPTION PALEONTOLOGY - REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 50 | | | |
| | | | | | | 100 | | | |


UPPER MIOCENE
GESSOSO-SOLFIFERA
PLIOCENE — PLEISTOCENE
RIBERA
600 Sks class 'A' w/FW & 11"/bbl Bent, 600 Sks class 'A' w/s.w. 2% CaCl2
9 1/2"
30"
Sea Floor 171·5 m. below K.B.
150
200
250
300
350
400
256
334
56-70
70-94
95-97
98-301
2-3
4-5
6-7
8-10
13-15
17-21
22-34
334-479
SH
GY
52
GESSO BIANCASTRO
CON INTERCALAZIONI
DI ARGILLA GRIGIO VERDE

Clay, grey-green, soft, plastic, sticky, fossiliferous.

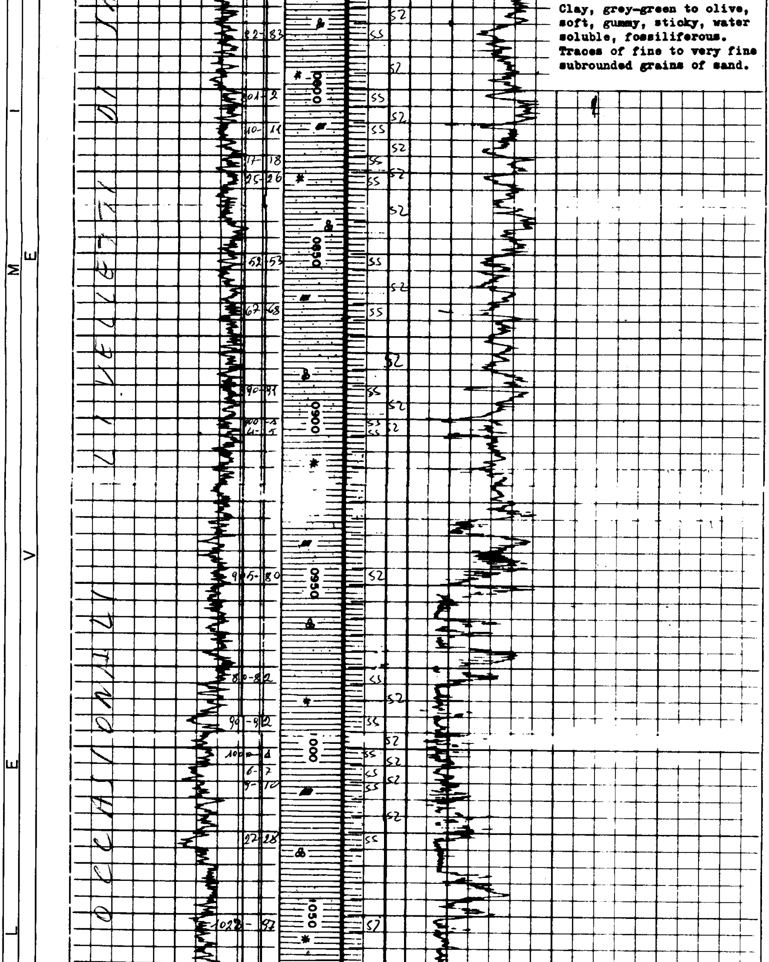
Calcarenite, white to cream, m. hard, fossiliferous.

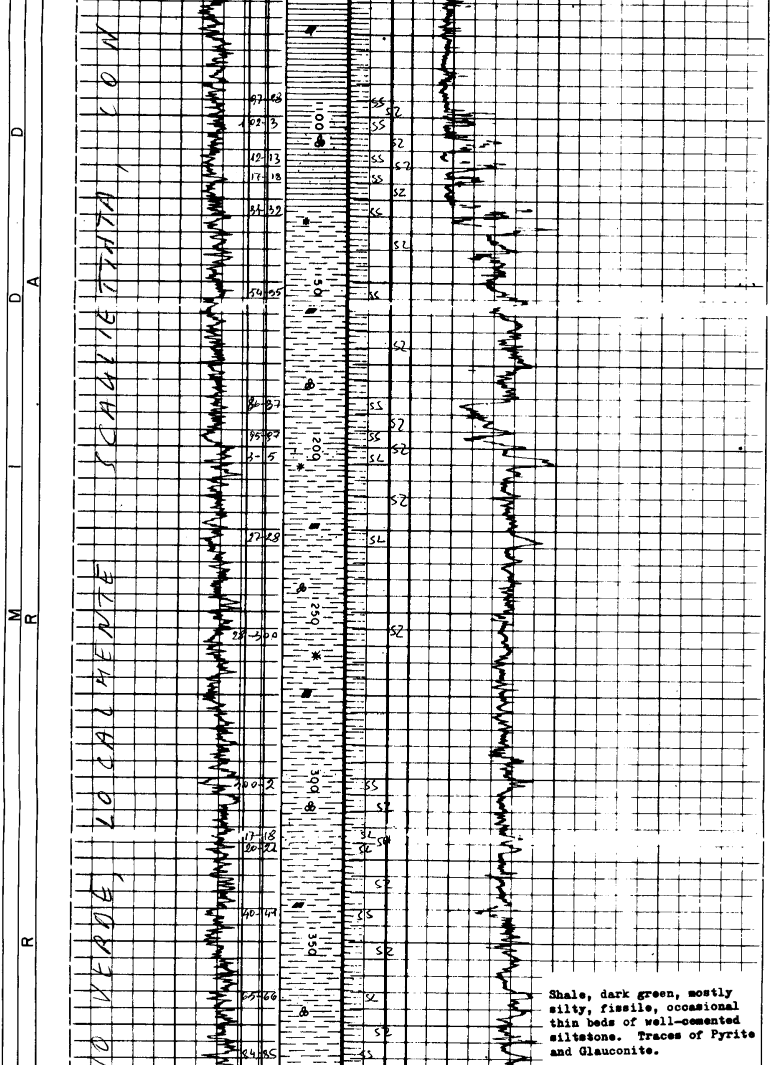
Gypsum, white to transparent, soft.



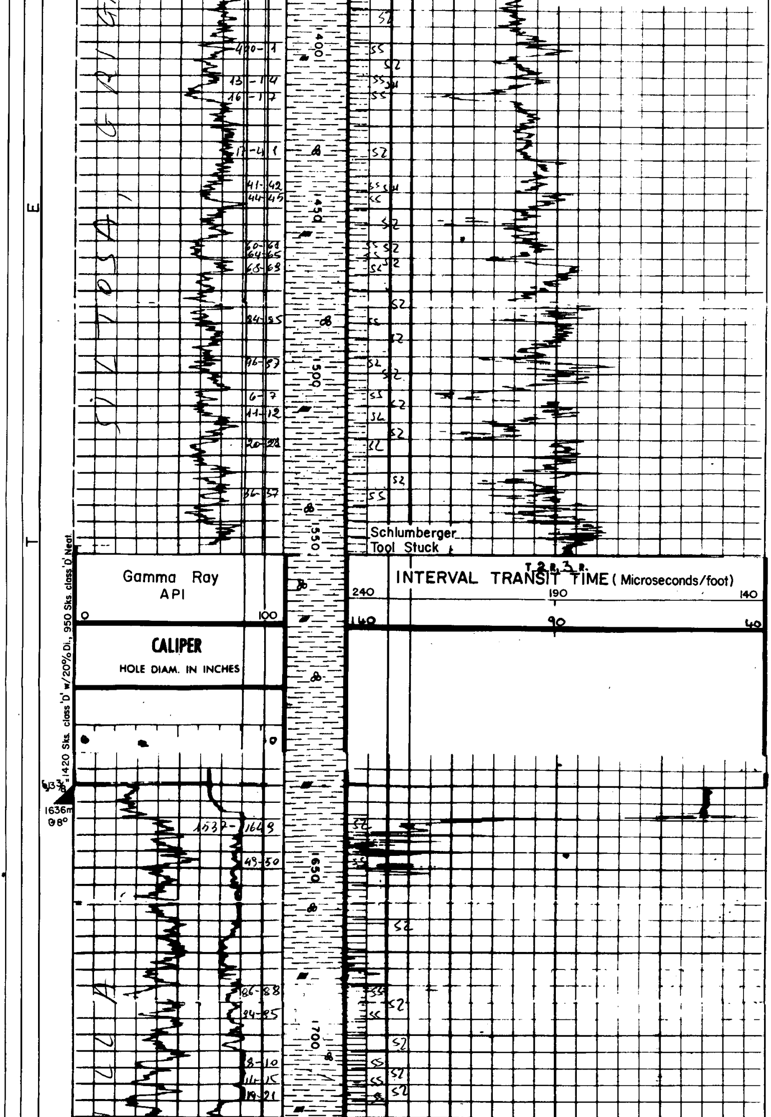
Bulivineides ,
Spiroplecta zone.

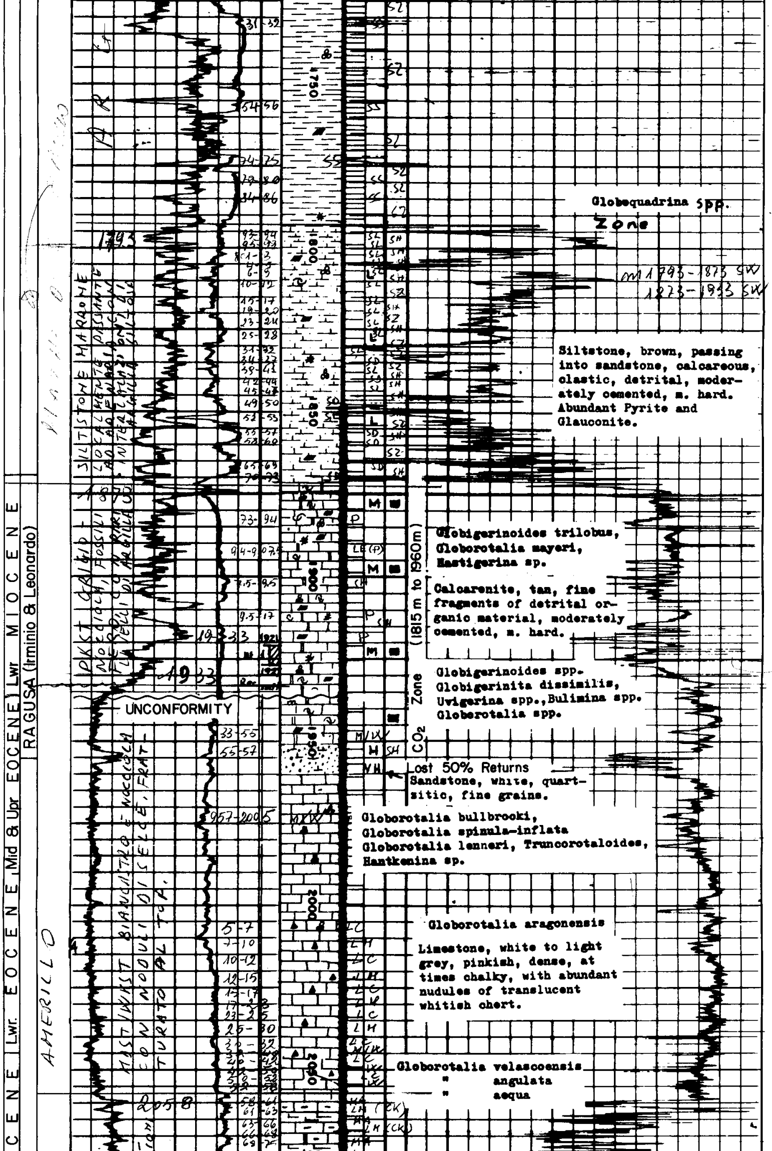
Clay, grey-green to olive, soft, gummy, sticky, water soluble, fossiliferous. Traces of fine to very fine subrounded grains of sand.





Shale, dark green, mostly silty, fissile, occasional thin beds of well-cemented siltstone. Traces of Pyrite and Glauconite.





**Globequadrina spp. Zone**

Siltstone, brown, passing into sandstone, calcareous, clastic, detrital, moderately cemented, m. hard. Abundant Pyrite and Glauconite.

Globigerinoides trilobus, Globorotalia mayeri, Hastigerina sp.

Calcarenite, tan, fine fragments of detrital organic material, moderately cemented, m. hard.

Globigerinoides spp. Globigerinita dissimilis, Uvigerina spp., Bulimina spp. Globorotalia spp.

Lost 50% Returns

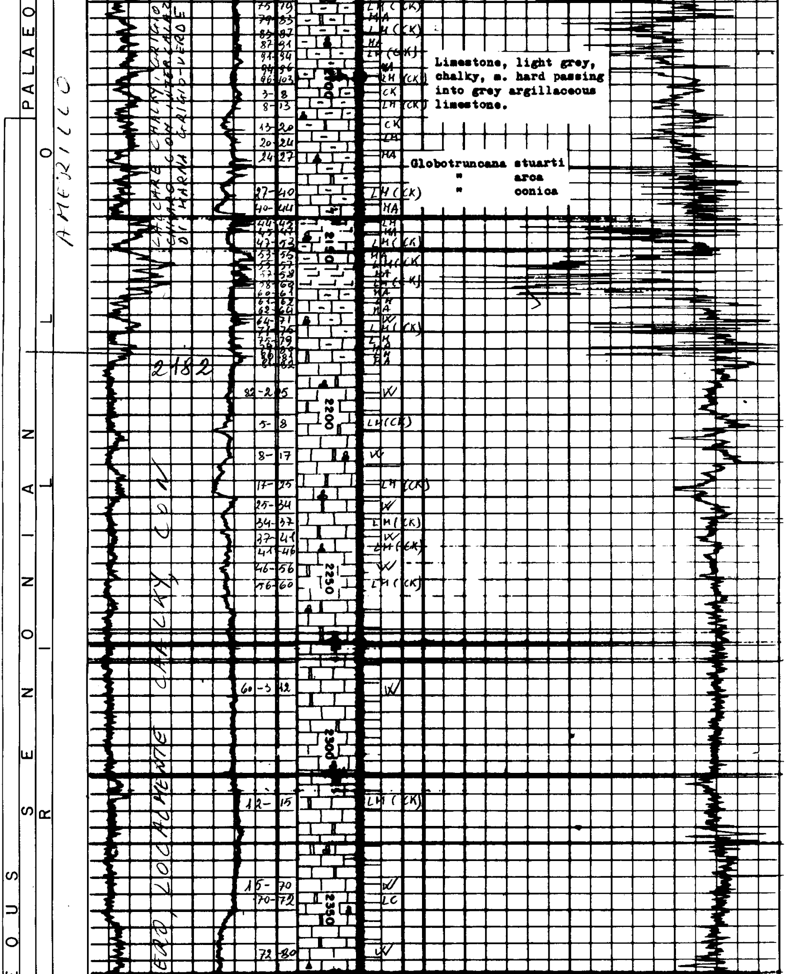
Sandstone, white, quartzitic, fine grains.

Globorotalia bullbrooki, Globorotalia spinula-inflata Globorotalia lenneri, Truncorotaloides, Hantkenina sp.

Globorotalia aragonensis

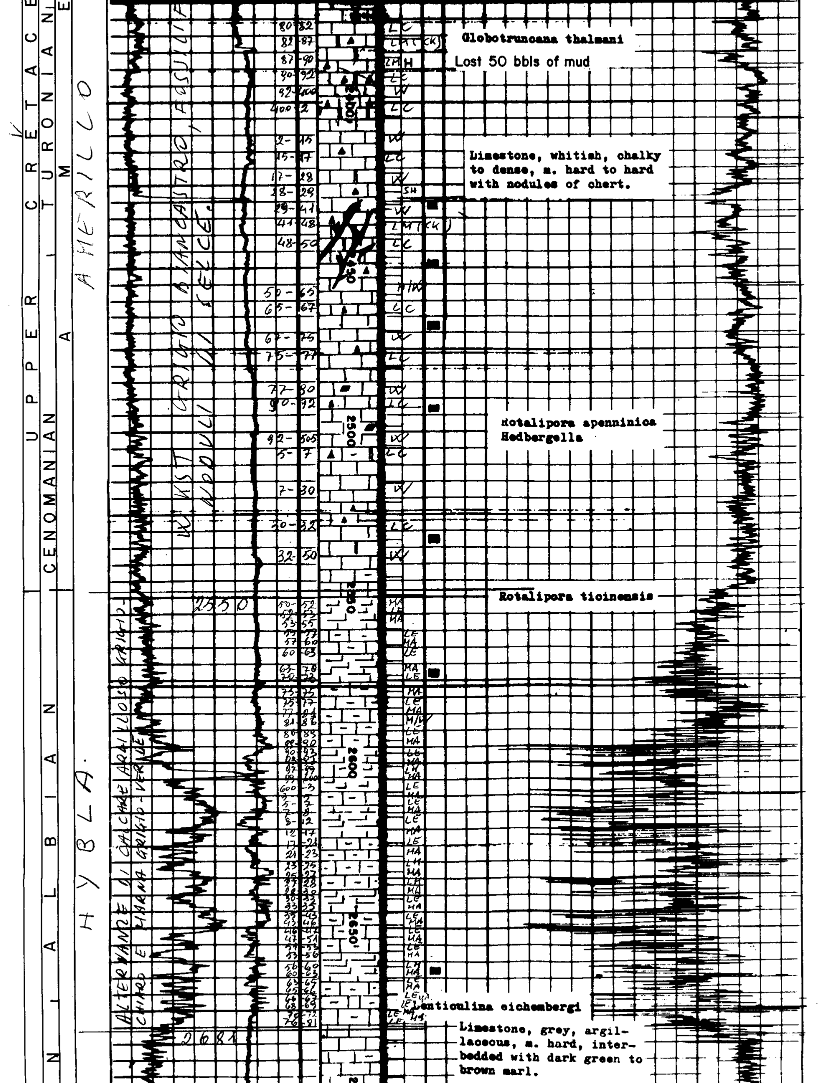
Limestone, white to light grey, pinkish, dense, at times chalky, with abundant nudules of translucent whitish chert.

Globorotalia velascoensis
" angulata
" aequa



Limestone, light grey, chalky, m. hard passing into grey argillaceous limestone.

Globotruncana stuarti
" arca
" conica



**Globotruncana thalmani**

Lost 50 bbls of mud

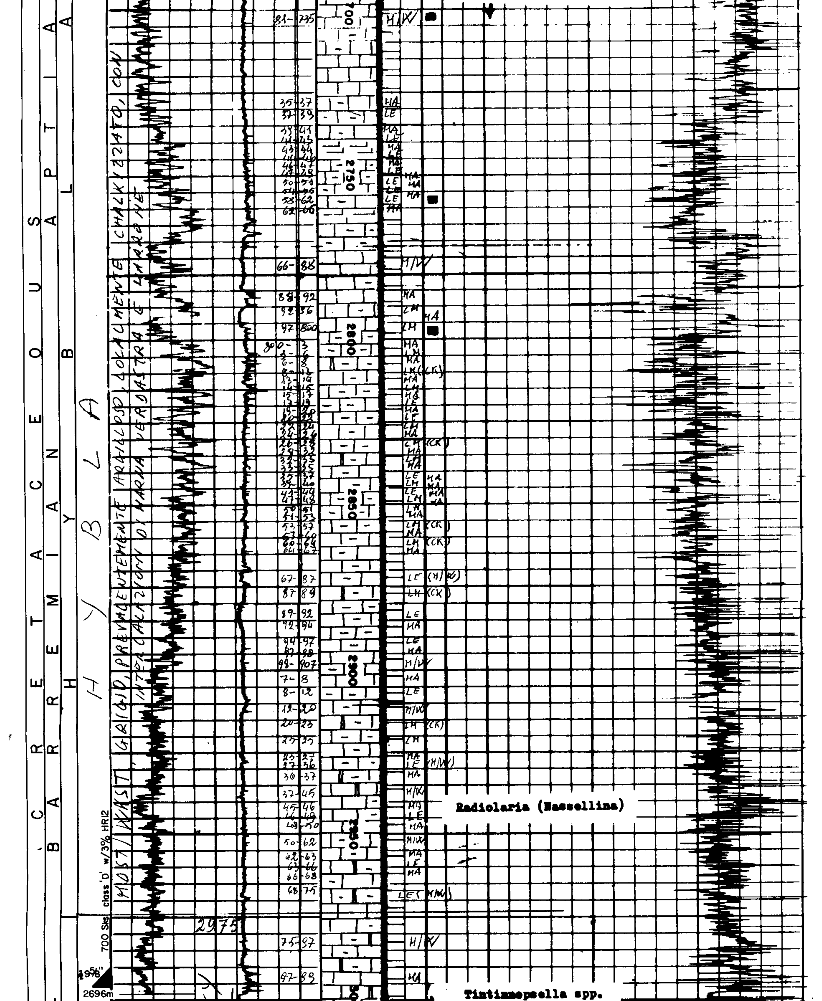
Limestone, whitish, chalky to dense, m. hard to hard with nodules of chert.

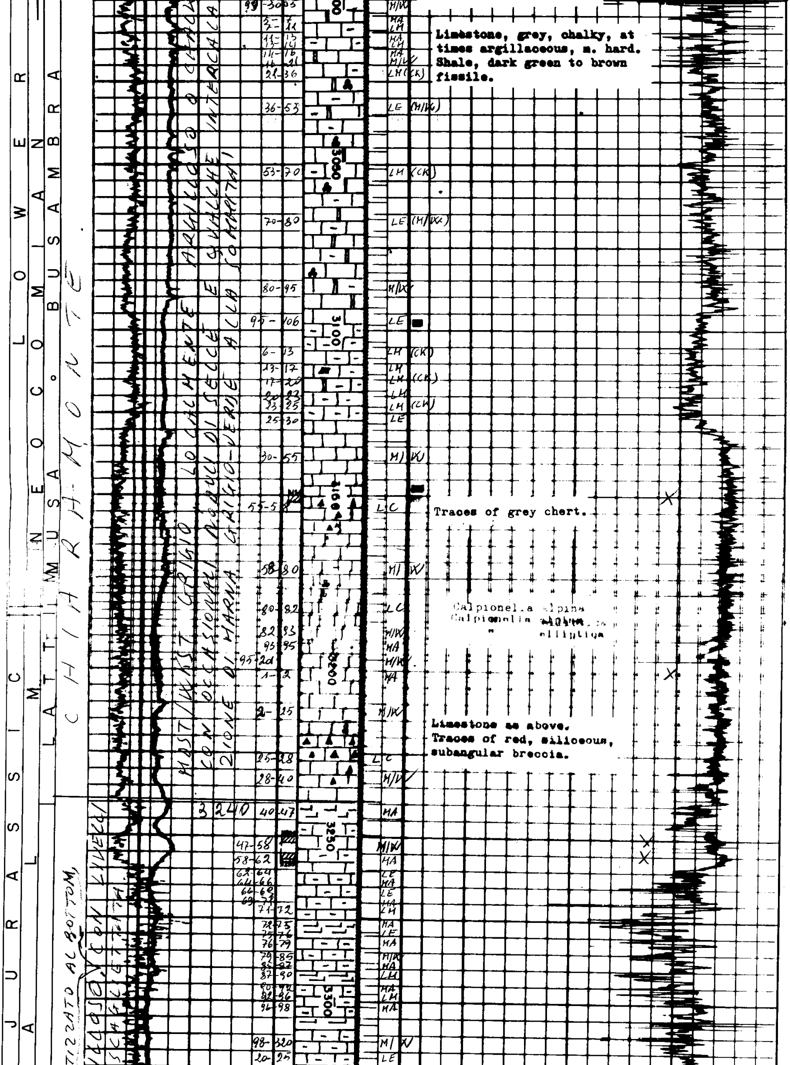
Rotalipora apenninica
Hedbergella

Rotalipora ticinensis

Lenticulina eichembergi

Limestone, grey, argillaceous, m. hard, interbedded with dark green to brown marl.



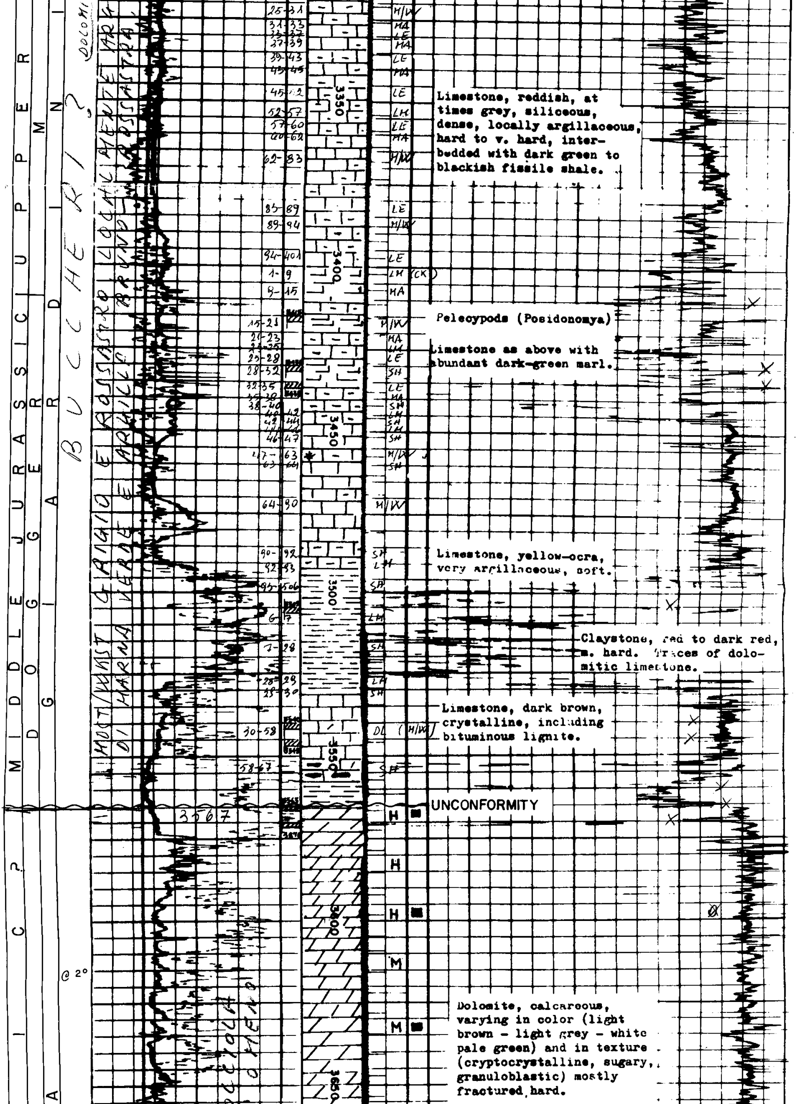


**Limestone, grey, chalky, at times argillaceous, m. hard. Shale, dark green to brown fissile.**

Traces of grey chert.

Calpionella alpina
Calpionella [illegible]
" elliptica

**Limestone as above. Traces of red, siliceous, subangular breccia.**



Limestone, reddish, at times grey, siliceous, dense, locally argillaceous, hard to v. hard, interbedded with dark green to blackish fissile shale.

Pelecypods (Posidonomya)

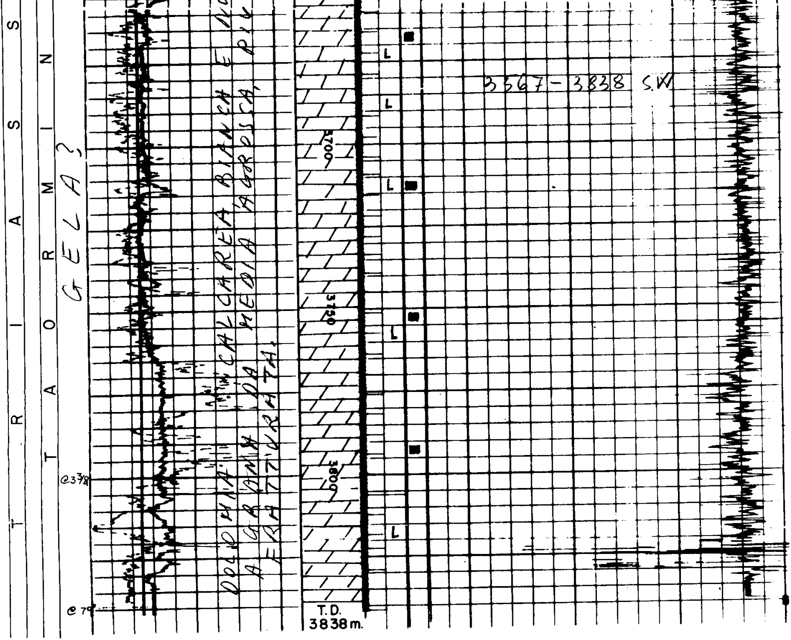
Limestone as above with abundant dark-green marl.

Limestone, yellow-ocra, very argillaceous, soft.

Claystone, red to dark red, m. hard. Traces of dolomitic limestone.

Limestone, dark brown, crystalline, including bituminous lignite.

UNCONFORMITY

Dolomite, calcareous, varying in color (light brown - light grey - white pale green) and in texture (cryptocrystalline, sugary, granuloblastic) mostly fractured hard.