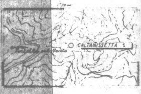
20017 M.E.D.C.O.

CALTANISSETTA 1

VI-I°-1B

AGIP-DIMI ARCHIVIO GESO

AC ARCHIVIO AGEO E/PROF



SONDA
RIG: NATIONAL 75
LOCATION: C.da FAGARIA → UBICAZIONE
COORDINATES: 37°34'08"N-1°38'04"E
DATE SPUDDED: April 14, 1957 → INIZIO
DATE COMPLETED: 08-08-1957 → FINE

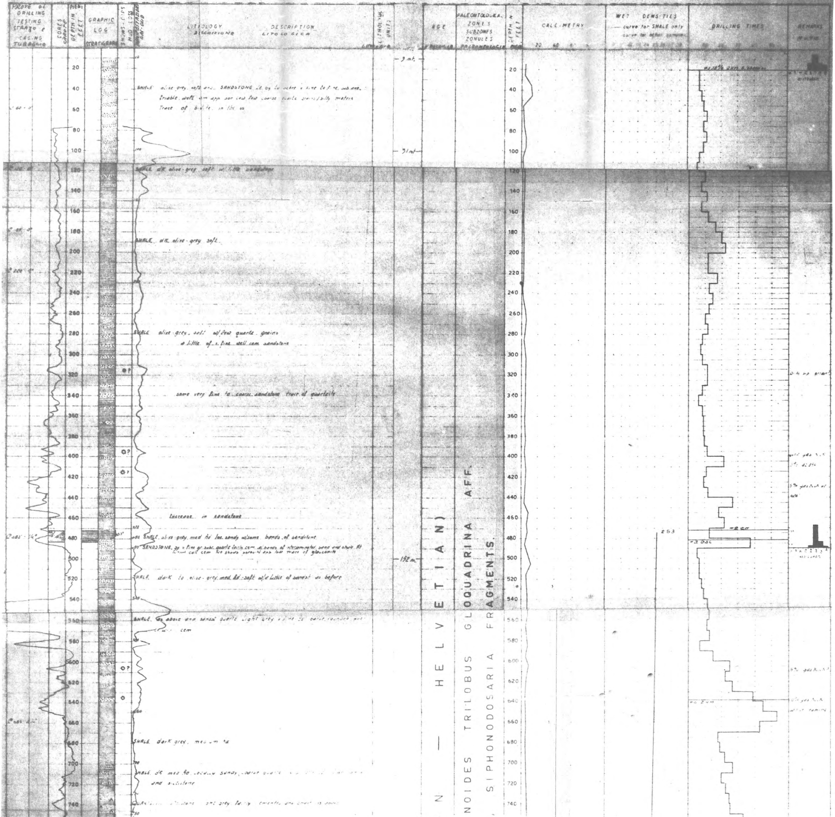
SCALE 1:500

QUOTA dal SUOLO
GROUND ELEVATION: 2132'
ROTARY TABLE HEIGHT: 15'8" → ALTEZZA della TAVOLA ROTARY
K.D.B. HEIGHT: 1'2" → ALTEZZA del BLOCCO GUIDA
EL. OF DRIVE BUSHING: 2149' → QUOTA " " "
FINAL DEPTH:

20,8 — 15,8 2,8 — 20,8

LEGEND

- ● Oil
- Gas
- ● Oil and Gas
- Dip of core
- → Mud loss
- Fl Fluorescence
- ARGILLA SHALE
- ARENARIE STRATIFICATE BEDDED SANDSTONE
- AREN. QUARZITICHE QUARTZITIC SANDSTONE
- ARGILLE VARICOLORI Varicolored SHALE
- CALCARE LIMESTONE
- ARGILLA e SHALE w/Calcite
- MARNE MARL



SHALE olive grey soft and SANDSTONE lt gy to ochre v fine to fine sub ang. friable, well cem app. soc. few few coarse quartz grains/silty matrix. Trace of biotite in the ss

SHALE dk olive-grey soft w/ little sandstone

SHALE dk olive-grey soft.

SHALE olive grey, soft w/ few quartz grains a little of v fine well cem sandstone

some very fine to coarse sandstone trace of quartzite

Increase in sandstone

SHALE olive grey med hd loc. sandy w/some bands of sandstone

SANDSTONE gy v fine gr. subr. quartz tech cem w/ bands of interminated sand and shale. At [illegible] calc cem. No shows porosity app. low trace of glauconite

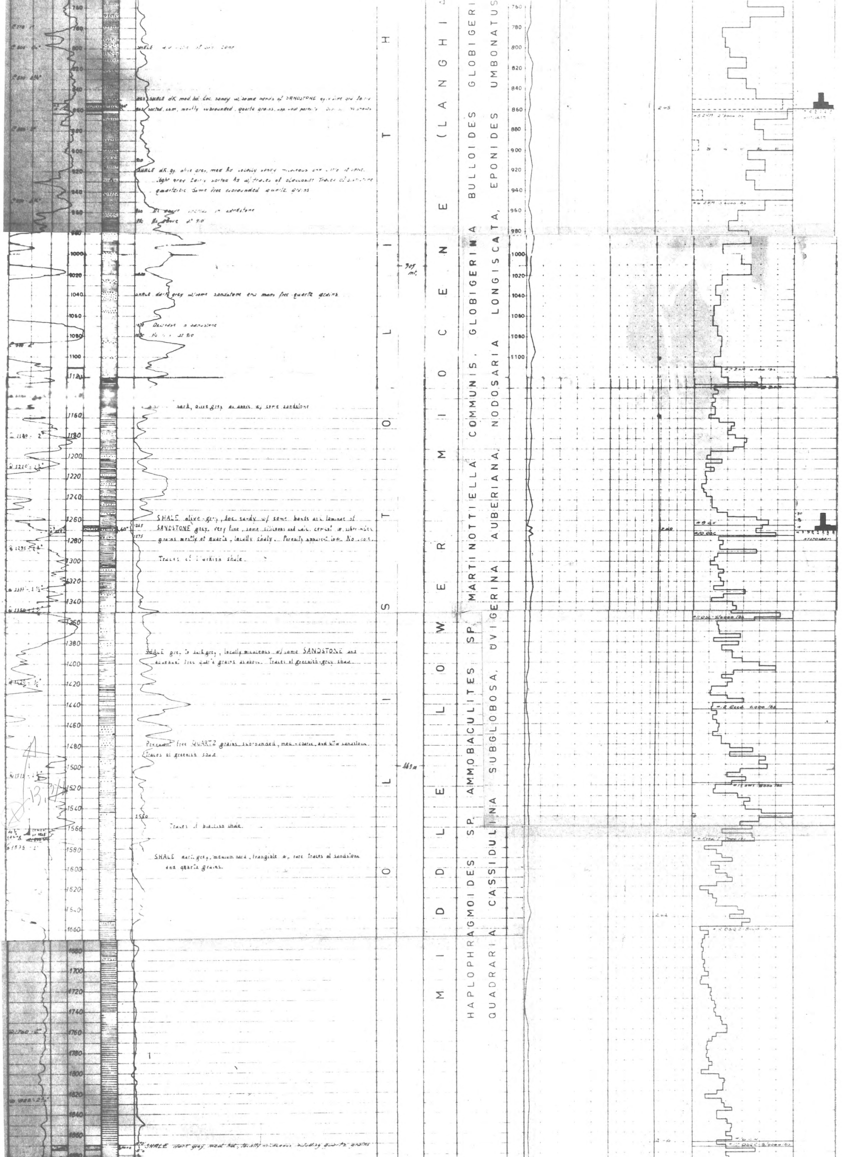
SHALE dark to olive-grey med hd-soft w/a little of sandst as before

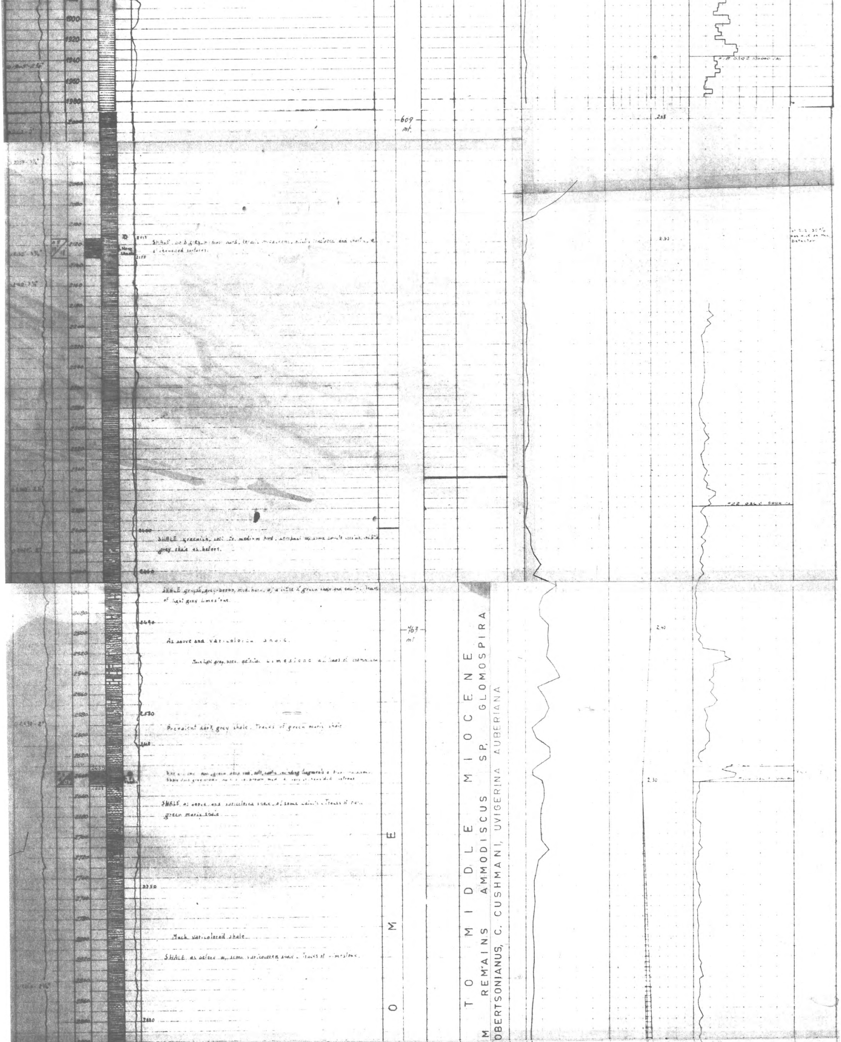
SHALE as above and sandst quartz light grey v fine [illegible] [illegible] rounded [illegible] [illegible] cem

SHALE dark grey, medium hd

SHALE dk med hd locally sandy, coarse quartz [illegible] and siltstone

QUARTZITIC siltstone [illegible] grey fairly cemented and shale as above





SHALE, dark grey, medium hard, locally micaceous, slightly calcareous and with slickensided surfaces.

SHALE greenish, soft to medium hard, compact w/ some small streaks of dark grey shale as before.

SHALE greyish, grey-brown, med. hard, w/ a little of green shale and calcite. Traces of light grey limestone.

As above and varicolored shale.

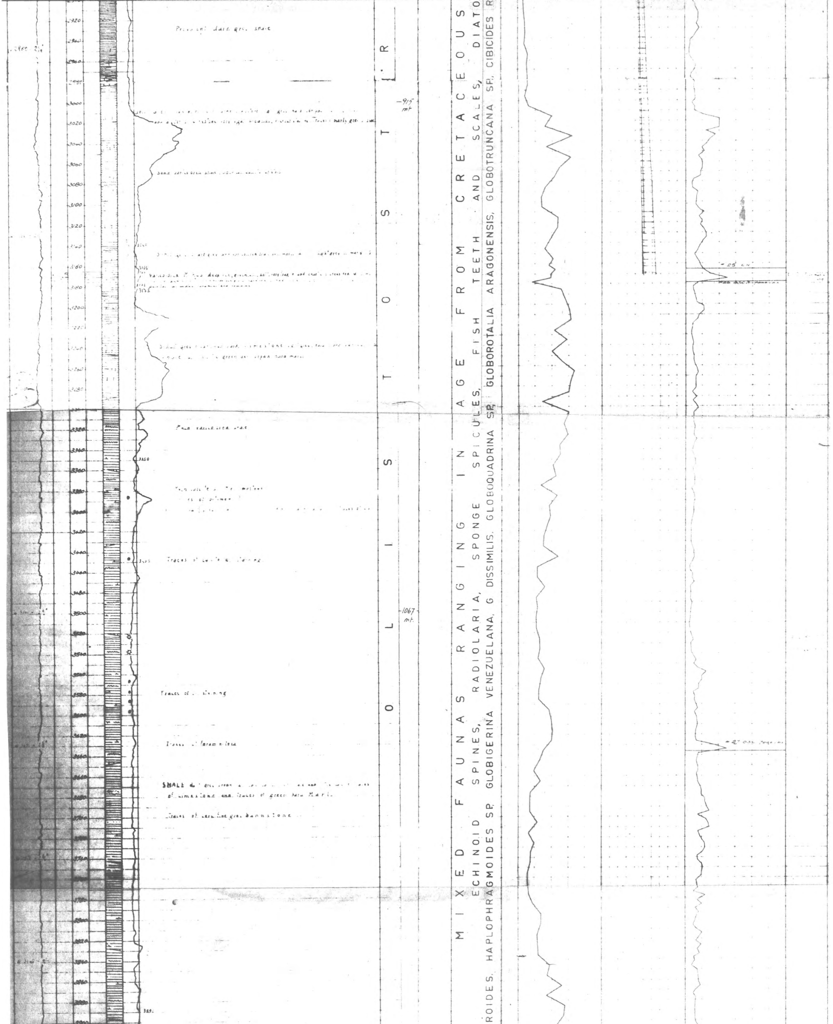
Much light grey, dense, argillaceous limestone w/ traces of [illegible]

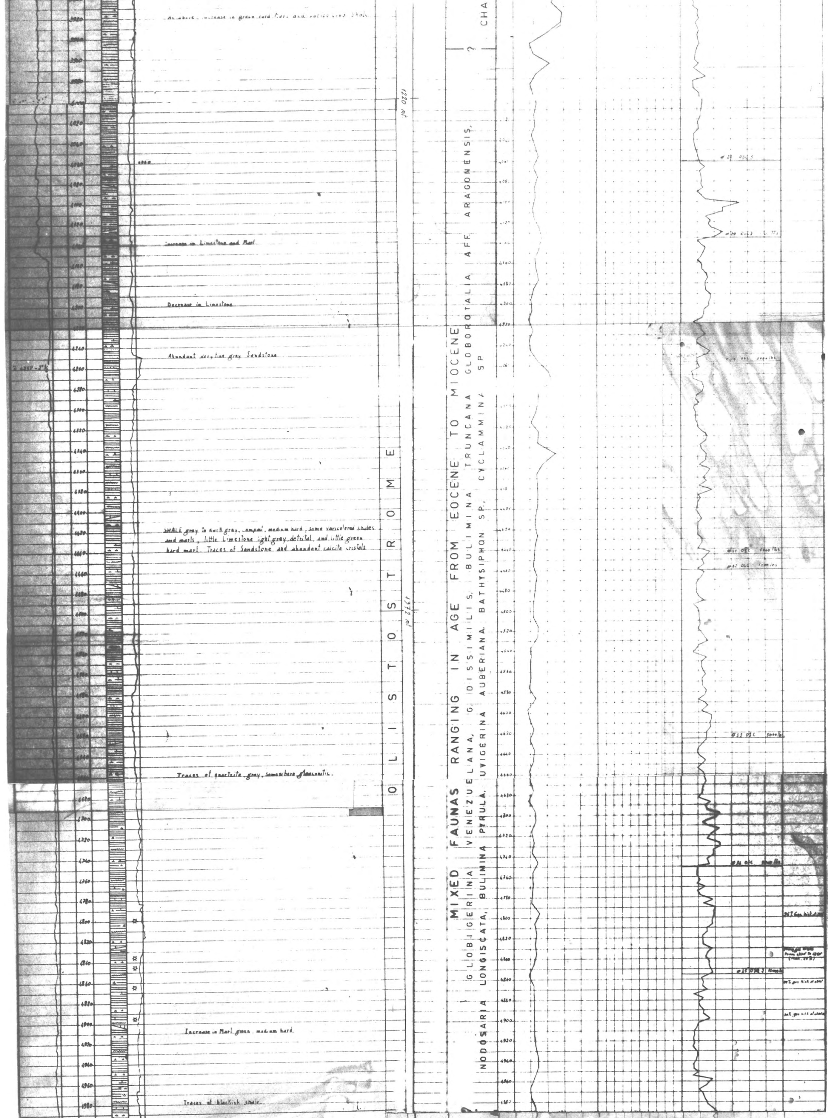
Prevalent dark grey shale. Traces of green marls shale

SHALE as above and varicolored shale w/ some calcite. Traces of dark green marls shale

Much varicolored shale

SHALE as before w/ some varicolored shale. Traces of limestone.





As above, increase in green hard Marl and varicolored Shale.

Increase in Limestone and Marl

Decrease in Limestone

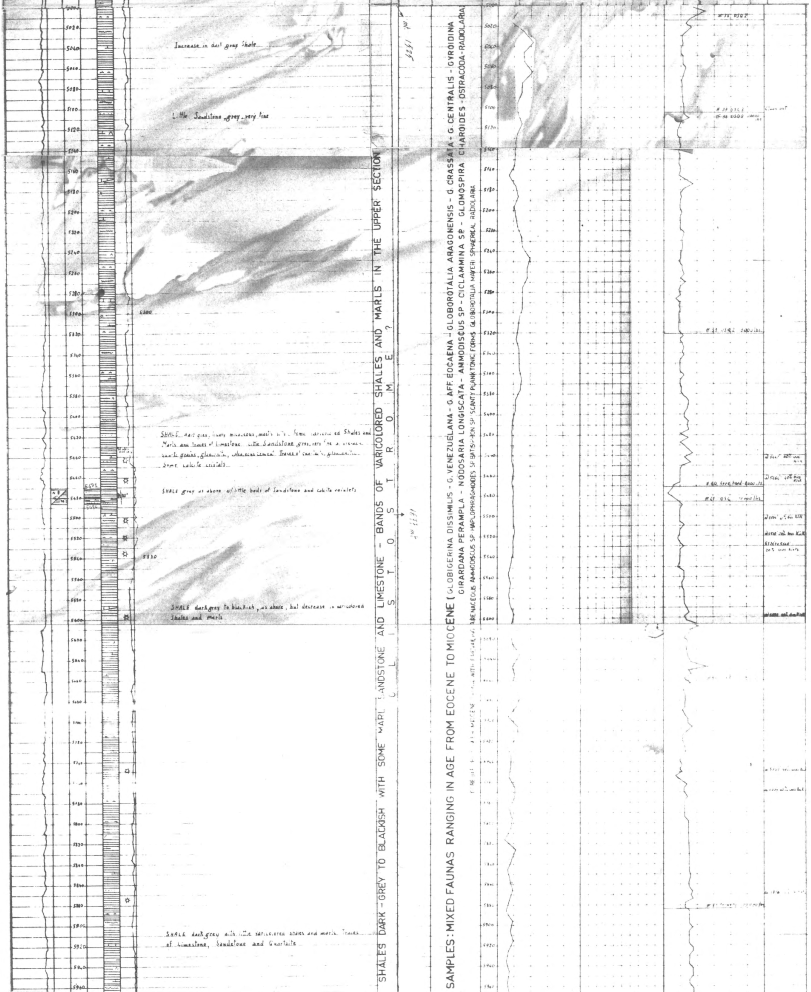
Abundant very fine gray Sandstone

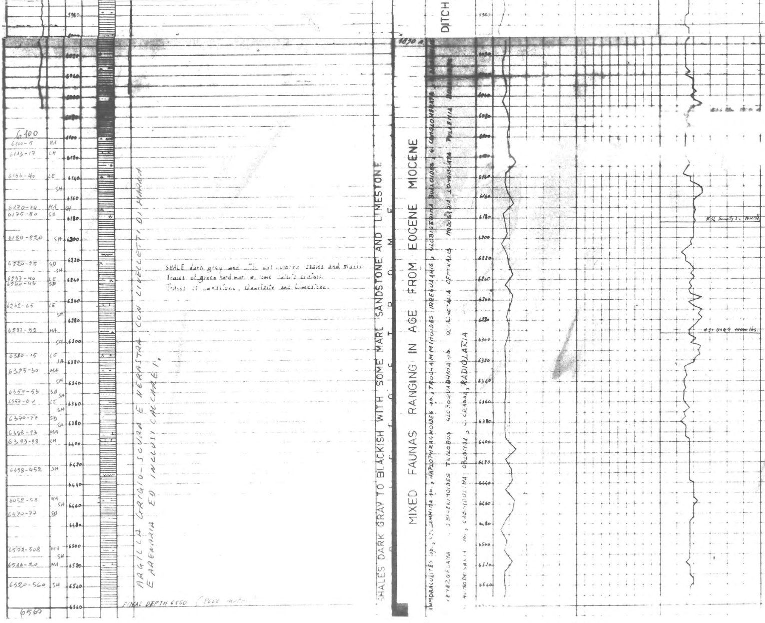
SHALE gray to dark gray, compact, medium hard, some varicolored shales and marls, little Limestone light gray, detrital, and little green hard marl. Traces of Sandstone and abundant calcite cristals

Traces of quartzite gray, somewhere glauconitic.

Increase in Marl green, medium hard.

Traces of blackish shale.





6100	
6100-5	MA
6113-17	LM
6136-40	LE
	SH
6170-74	MA
6175-80	SD
6180-220	SH
6220-25	SD
	SH
6237-40	LE
6240-45	SD
6262-65	LE
	SH
6287-92	MA
	SH
6310-15	LE
	SH
6325-30	MA
	SH
6350-53	SD
	SH
6357-60	LE
	SH
6370-77	SD
	SH
6388-93	MA
6393-98	LM
6398-452	SH
6452-58	MA
	SH
6470-77	SD
6502-508	MA
	SH
6516-20	MA
6520-560	SH
6560	

ARGILLA GRIGIO-SCURA E NERASTRA CON LIVELLETTI DI MARNA E ARENARIA ED INCLUSI CALCAREI.

SHALE dark grey and little vari colored shales and marls.
Traces of green hard marl & some calcite cristals.
Traces of sandstone, Quartzite and Limestone.

FINAL DEPTH 6560 (Core mat...)

SHALES DARK GRAY TO BLACKISH WITH SOME MARL SANDSTONE AND LIMESTONE

OLISTOSTROME

MIXED FAUNAS RANGING IN AGE FROM EOCENE MIOCENE

AMMOBACULITES sp., CYCLAMMINA sp., HAPLOPHRAGMOIDES sp., TROCHAMMINOIDES IRREGULARIS, GLOBIGERINA BULLOIDES, G. CONGLOMERATA, G. [illegible] VENEZUELANA, [illegible] GLOBIGERINOIDES TRILOBUS, GLOBOQUADRINA sp., GLOBOROTALIA CENTRALIS, NODOSARIA LONGISCATA, PULLENIA BULLOIDES, NODOGENERINA sp., CASSIDULINA OBLONGA, C. CRASSA, RADIOLARIA