Correlata 17.2.78 [illegible]
Cotta 15.11.78

Ripea S.p.A.

CAPPELLE 1

AGIP - AMI ARCHIVIO CEDI

Location: Mass. S.Paolo 2Km. NE of Cappelle town
Coordinates: Lat. 42°[illegible] Long. [illegible]
Ground Elevation: m.[illegible]
Rotary Table Height: m. 3.37
Rig: OIL WELL 84 B
Date Spudded: November, [illegible]
Date Completed: [illegible] January [illegible]
Final Depth: 2010 m (6594.5 feet)
Identified by: G. GUAZZONE

Scale 1:1000

- ▨ MARLY CLAYSTONES (15-35% $CaCO_3$) (also silty)
- ▨ CALCAREOUS SAND
- ▨ MARLY SHALE (also silty)
- Dips from SCHLUMBERGER

Revisionato al [illegible]

Ripea S.p.A.

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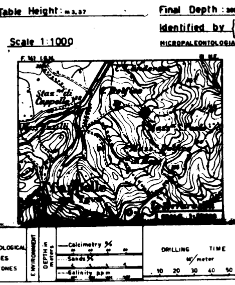
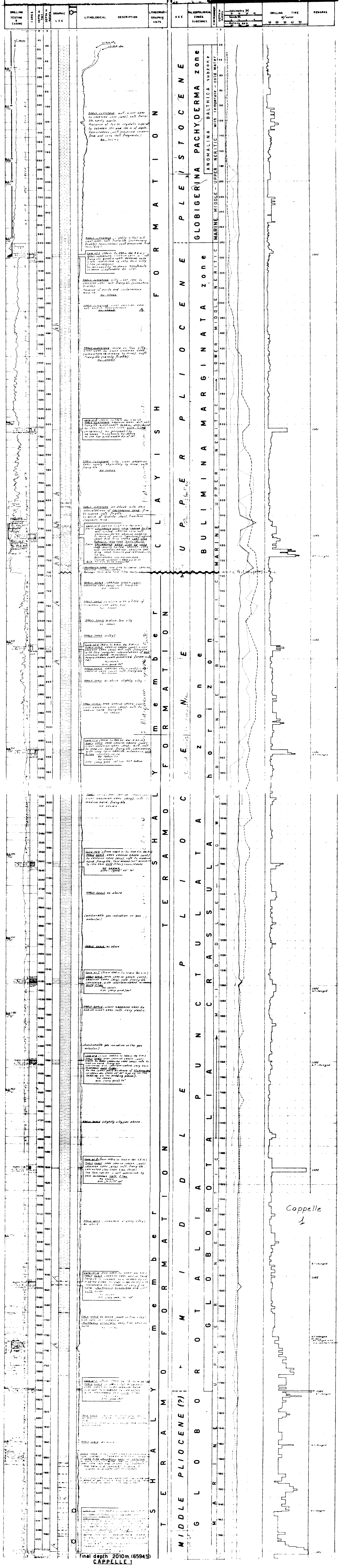
Identified by: G. GUAZZONE, G. RAFFI
MICROPALEONTOLOGIA: G. RAFFI - E. ZAMBONI

Scale 1:1000

AGIP ARCHIVIO POZZI AGEO

C/RGF





MARLY CLAYSTONE, dull, LIGHT GRAY to GREENISH GRAY (wet) soft frangible, scanty quartz.
Presence of Pyrite crystals especially between 120 and 130 m of depth.
FOSSILIFEROUS (well preserved foraminifera and some shell fragments.)
NO SHOWS

MARLY CLAYSTONE (slightly silty) dull, LIGHT GRAY, soft frangible, (somewhere friable). FOSSILIFEROUS (well preserved foraminifera)

Core n° 1 (294 m to 299 m Rec 3.5 m)
MARLY CLAYSTONE GREENISH GRAY dull, soft, frangible questionable BEDDING somewhere determined by very thin silty films (micaceous)
No permeability No shows Microfossils evidence questionable dip of 4°.

MARLY CLAYSTONE, silty, LIGHT GRAY to GREENISH GRAY, soft frangible (somewhere friable).
Presence of pyrite and carbonaceous remains
NO SHOWS

MARLY CLAYSTONE, LIGHT GREENISH GRAY, soft sectile FOSSILIFEROUS
NO SHOWS

MARLY CLAYSTONE, more or less silty, LIGHT GRAY to LIGHT GREENISH GRAY, (somewhere shimmery by mica), soft frangible (rarely friable).
NO SHOWS

Core n° 2 (525 m to 530 m Rec 1.20 m)
MARLY CLAYSTONE, GREENISH GRAY dull soft frangible questionable BEDDING determined by very thin LIGHT GRAY SILTY films (micaceous). No permeability.
No shows. Microfossils evidence.
At the top questionable dip of 14°.

MARLY CLAYSTONE, silty, LIGHT GREENISH GRAY rarely shymmery by mica, soft, frangible
NO SHOWS

MARLY CLAYSTONE as above with thin intercalations of CALCAREOUS SAND, fine to coarse, soft friable.
Evidence of Quartz, chert, limestone fragments, mica.

Core n° 3 (665.5 m to 671.5 m Rec 5 m)
2.40 m CALCAREOUS SAND very coarse to fine well sorted GRAYISH very soft. UNCONSOLIDATED, obscure bedding. Evidence of quartz, limestone fragments, chert and mica scales. VERY GOOD POROSITY VERY GOOD PERMEABILITY.
2.60 m CALCAREOUS SAND fine to very fine, poorly sorted, GRAYISH, very soft, UNCONSOLIDATED, obscure bedding, GOOD POROSITY and PERMEABILITY.
NO OIL.
QUESTIONABLE GAS RECOGNIZED.
Clorine content = 3800 ppm Cl
Dips No dips to be measured

CALCAREOUS SAND, very fine to coarse, GRAYISH, speckled, UNCONSOLIDATED.
Between 705 m and 710 m little Marly claystone

MARLY SHALE, GRAYISH GREEN (wet), GREENISH GRAY (dry), soft frangible
NO SHOWS

MARLY SHALE as above with a little of micaceous LIGHT GRAY SILT
NO SHOWS

MARLY SHALE as above, less silty
NO SHOWS.

MARLY SHALE (silty).

Core n° 4 (812 m to 818 m Rec 2.50 m)
MARLY SHALE, GRAYISH GREEN (wet), LIGHT GREENISH GRAY (dry), dull, soft, frangible, with thin irregular intercalations of SILT unconsolidated, micaceous.
FOSSILIFEROUS (well preserved foraminifera)
NO SHOWS
Dips good 40°

MARLY SHALE GRAYISH GREEN (wet), LIGHT GREENISH GRAY (dry) soft frangible
NO SHOWS

MARLY SHALE as above slightly silty

MARLY SHALE, DARK GRAYISH GREEN (wet) LIGHT GREENISH GRAY (dry), soft to medium hard, frangible
NO SHOWS

930

Core n° 5 (950 m to 955.50 Rec 5.50 m)
MARLY SHALE DARK GRAYISH GREEN (wet) LIGHT GREENISH GRAY (dry), dull, soft to medium hard, frangible, LAMINATED, with very thin GRAYISH, micaceous, SILTY films interlaminated
NO POROSITY
NO SHOWS
DIPS (very good) 50° top 55° bottom

MARLY SHALE, DARK GRAYISH GREEN (wet) LIGHT GREENISH GRAY (dry), soft to medium hard, frangible.
NO SHOWS.

Core n° 6 (from 1098.5 m to 1104.5 m Rec 4 m)
MARLY SHALE, DARK GRAYISH GREEN (wet) to GREENISH GRAY (dry), soft to medium hard, frangible, THIN BEDDED (well determined by very thin SILTY films) FOSSILIFEROUS
NO SHOWS
DIPS: (good) 65°-70°

MARLY SHALE as above

(questionable gas indication on gas detector)

MARLY SHALE as above

Core n° 7 (from 1252 m to 1258 m Rec 6 m)
MARLY SHALE, DARK GRAYISH GREEN (wet), GREENISH GRAY (dry), soft frangible LAMINATED, with interlaminated micaceous SILTY films
No shows
Dips (very good) 85°

MARLY SHALE, LIGHT GREENISH GRAY to MEDIUM LIGHT GRAY, soft, very plastic.

(Questionable gas indication on the gas detector)

Core n° 8 (from 359.5 m to 364.6 m Rec 5 m)
MARLY SHALE DARK GRAYISH GREEN (wet), LIGHT to DARK GREENISH GRAY (dry), soft to medium hard frangible
LAMINATED with interlaminated very thin micaceous SILTY films.
On the lower part evidence of Slickensides (slickensides plane 25°-30° dipping on the bedding on the bedding planes).
No SHOWS
Dips (very good) 75°

MARLY SHALE (slightly silty) as above.

Core n° 9 (from 1499 m to 1503 m Rec 1.5 m)
MARLY SHALE DARK GRAYISH GREEN (wet), GREENISH GRAY (dry), soft, frangible, LAMINATED (less than 1 cm thick)
The lamination is well determined by thin micaceous SILTY films
No shows
Dips (good) 75°-80°

MARLY SHALE (somewhere slightly silty) as above.

Core n° 10 (from 1649 m to 1654 m Rec 5 m)
MARLY SHALE GREENISH GRAY medium hard frangible to compact, THIN BEDDED to LAMINATED (beds less than 10 cm thick) with intercalated thin streaks of very fine hard CALCAREOUS SANDSTONE and [illegible] SILTY lenses
No shows
Dips (very good) 45°-48°

MARLY SHALE as above (more or less silty) with rare thin streaks of CALCAREOUS SANDSTONE very fine GRAYISH hard
No shows

Core n° 11 (from 1790 m to [illegible] m Rec [illegible])
MARLY SHALE (slightly silty) micaceous DARK GREENISH GRAY medium hard compact THIN BEDDED to LAMINATED with intercalated thin silty films
No shows
Dips (good) 40°

MARLY SHALE [illegible]

MARLY SHALE as above.

MARLY SHALE [illegible]

[illegible]

Core n° [illegible] [illegible]

final depth 2010m. (6594.5)
CAPPELLE 1