Encl.

BP ITALIANA S.P.A
SAROM/BP ZONE "A" JOINT VENTURE

AGIP GEOP ARCHIVIO POZZI

E/PROF

WELL RITA No.1

Permit	A.R20.SA
Rig	IDECO PIGN.E.2500"PERRO NEGRO"
Spudding date	5. 2. 1971.
Completion of drilling	10. 3. 1971.
Completion date	20. 3. 1971.
Total depth	3590.0 m. (d.d.)
Status	Plugged and abandoned dry.
Location	OFFSHORE ADRIATIC ZONE "A"
Coordinates Long	44° 37' 47.22" N.
Coordinates Lat	12° 36' 59.27" E.
WATER DEPTH	30.50 m.
Elevation Rotary Table K.B.?	17.90 m. a.m.s.l.

▦ LIMESTONE
▨ DOLOMITE
■ MUDSTONE & CLAY
▤ SILTSTONE
░ SANDSTONE
● NODULES
▤ SANDY SHALE & CLAY
~ MARL
░ SAND
V GYPSUM
▲ ANHYDRITE
MACROFAUNA
MICROFAUNA
■ LIGNITE
Unconformity
Fault
Core dips
SIDE-WALL CORE

SHOWS

Visible gas shows
- ☼ Weak (e.g. emulsion)
- ☼ ☼ Strong (e.g. blow)

Chromatograph indications
- ⊗ Weak
- ⊗ ⊗ Strong

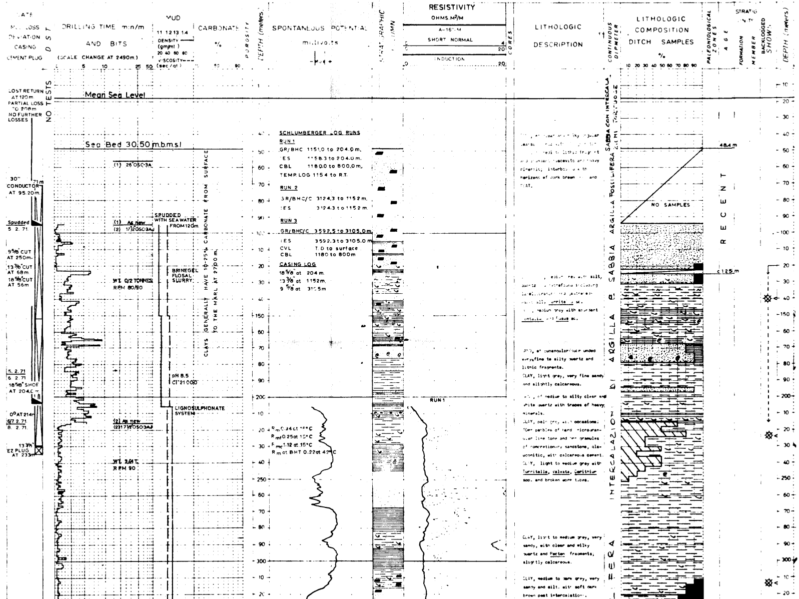
- ◐ Oil stain
- ● Oil show (traces)
- ● ● Oil show (evident)
- ● ☼ Oil and gas show
- ● ■ Heavy oil show
- ■ Bitumen show
- Salt water show
- Fresh water show
- ♦ FLUORESCENCE

PROVEN RESERVOIR

- ☼ Interval with gas
- ● Interval with oil
- Interval with salt water
- Interval with fresh water

Porosity: poor, fair, good

Dip-azimuth Dipmeter, m. 370-371 depth meters
Squeezing
Casing perforation
Bridge plug
Drilled Bridge plug
Casing shoe
Cement plug
Cement plug (drilled)
DST
DST (failled)
Mud loss



SCHLUMBERGER LOG RUNS

RUN 1

GR/BHC	1151.0 to 204.0 m.
IES	1158.3 to 204.0 m.
CBL	1180.0 to 800.0 m.
TEMP. LOG	1154 to R.T.

RUN 2

GR/BHC/C	3124.3 to 1152 m.
IES	3124.3 to 1152 m.

RUN 3

GR/BHC/C	3592.5 to 3105.0 m.
IES	3592.3 to 3105.0 m.
CVL	T.D to surface
CBL	1180 to 800m

CASING LOG

18⅝" at 204 m.
13⅜" at 1152m.
9⅝" at 3105m

R_m 0.34 at 15°C
R_{mf} 0.25 at 15°C
R_{mc} 1.12 at 15°C
R_m at BHT 0.22 at 42°C

[illegible], at clear and milky angular coarse [illegible] with [illegible] to lithic fragment and abundant muscovite and heavy minerals; interbedded with horizons of dark brown [illegible] and PEAT.

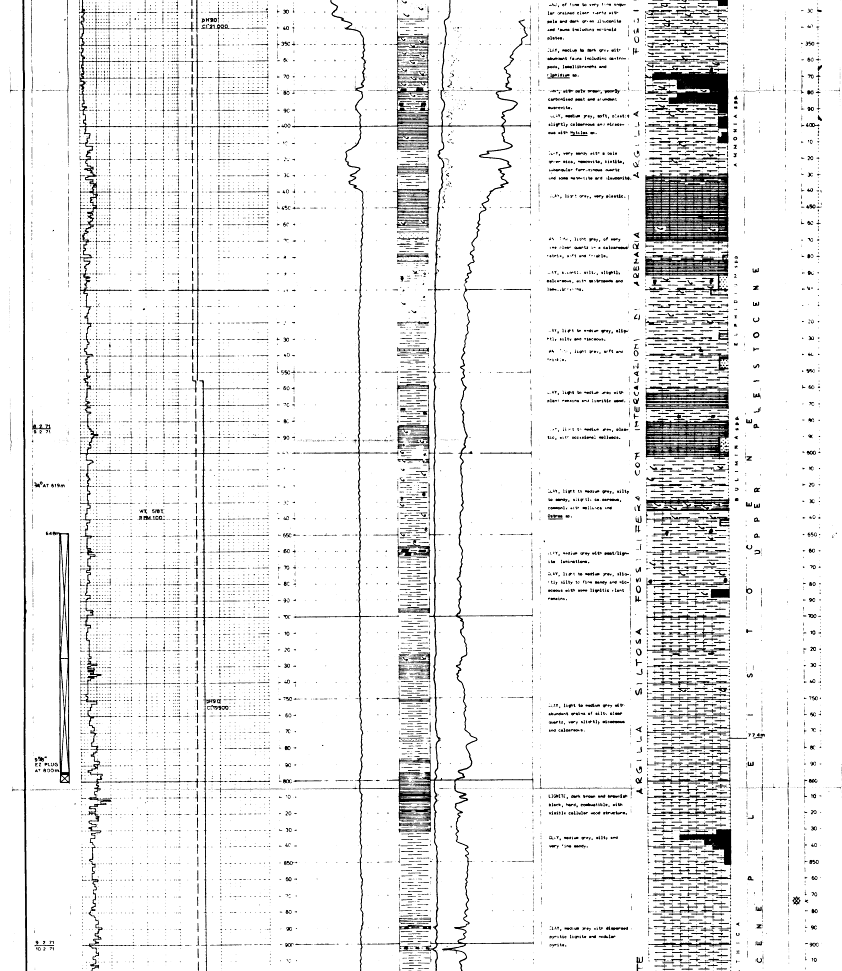
[illegible], medium grey with silt, quartz [illegible] macrofauna including lamellibranchs and gastropods [illegible] ally, Turritella sp.
[illegible], medium grey with abundant Dentalium and Fusus sp.

SAND, of subangular/subrounded very fine to silty quartz and lithic fragments.
CLAY, light grey, very fine sandy and slightly calcareous.

SAND, of medium to silty clear and white quartz with traces of heavy minerals.
CLAY, pale grey, with occasional 10cm pebbles of hard microgranular lime tone and few granules of concretionary sandstone, glauconitic, with calcareous cement.
CLAY, light to medium grey with Turritella, Valvata, Cerithium spp. and broken worm tubes.

CLAY, light to medium grey, very sandy, with clear and milky quartz and Pecten fragments, slightly calcareous.

CLAY, medium to dark grey, very sandy and silt, with soft dark brown peat intercalations.



SAND, of fine to very fine angular grained clear quartz with pale and dark green glauconite and fauna including echinoid plates.

CLAY, medium to dark grey with abundant fauna including gastropods, lamellibranchs and Elphidium sp.

SAND, with pale brown, poorly carbonised peat and abundant muscovite.

CLAY, medium grey, soft, plastic slightly calcareous and micaceous with Mytilus sp.

CLAY, very sandy with a pale green mica, muscovite, biotite, subangular ferruginous quartz and some magnetite and glauconite.

CLAY, light grey, very plastic.

SANDSTONE, light grey, of very fine clear quartz in a calcareous matrix, soft and friable.

CLAY, slightly silty, slightly calcareous, with gastropods and lamellibranchs.

CLAY, light to medium grey, slightly silty and micaceous.

SANDSTONE, light grey, soft and friable.

CLAY, light to medium grey with plant remains and lignitic wood.

CLAY, light to medium grey, plastic, with occasional molluscs.

CLAY, light to medium grey, silty to sandy, slightly calcareous, commonly with molluscs and Ostrea sp.

CLAY, medium grey with peat/lignite laminations.

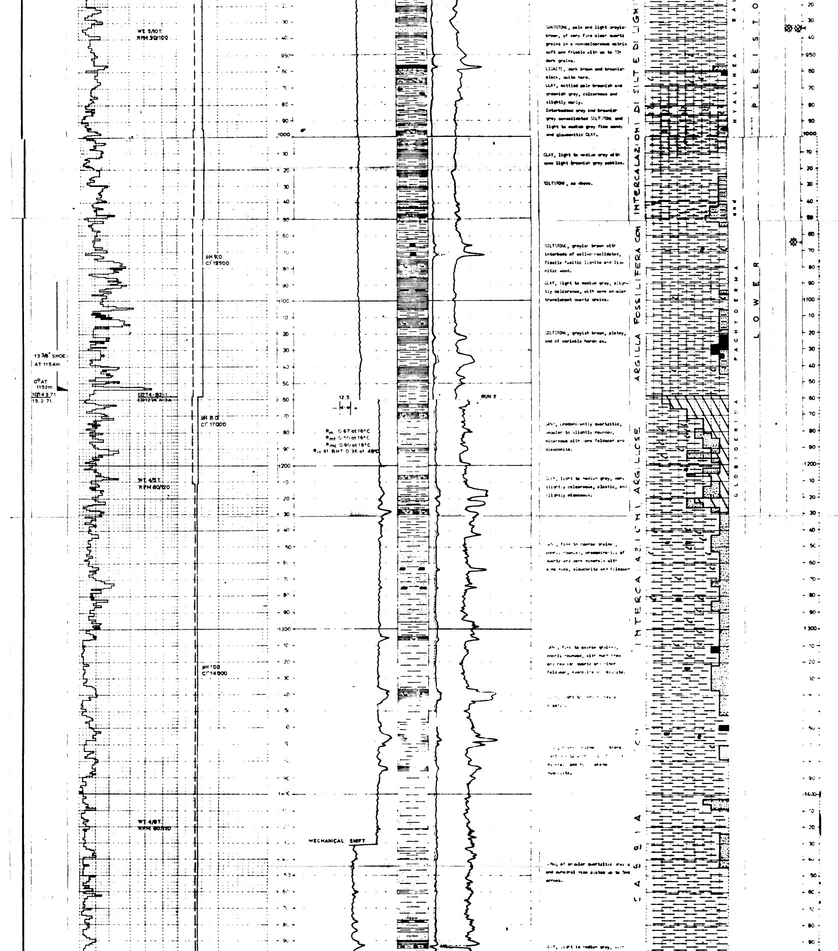
CLAY, light to medium grey, slightly silty to fine sandy and micaceous with some lignitic plant remains.

CLAY, light to medium grey with abundant grains of silty clear quartz, very slightly micaceous and calcareous.

LIGNITE, dark brown and brownish black, hard, combustible, with visible cellular wood structure.

CLAY, medium grey, silty and very fine sandy.

CLAY, medium grey with dispersed pyritic lignite and nodular pyrite.



SANDSTONE, pale and light greyish brown, of very fine clear quartz grains in a non-calcareous matrix soft and friable with up to 15% dark grains.

LIGNITE, dark brown and brownish black, quite hard.

CLAY, mottled pale brownish and greenish grey, calcareous and slightly marly.

Interbedded grey and brownish grey consolidated SILTSTONE and light to medium grey fine sandy and glauconitic CLAY.

CLAY, light to medium grey with some light greenish grey pebbles.

SILTSTONE, as above.

SILTSTONE, greyish brown with interbeds of well-consolidated, fissile fusitic lignite and lignitic wood.

CLAY, light to medium grey, slightly calcareous, with some angular translucent quartz grains.

SILTSTONE, greyish brown, platey, and of variable hardness.

SAND, predominantly quartzitic, angular to slightly rounded, micaceous with some feldspar and glauconite.

CLAY, light to medium grey, very slightly calcareous, plastic, and slightly micaceous.

SAND, fine to coarse grained, poorly rounded, predominantly of quartz and dark minerals with some mica, glauconite and feldspar.

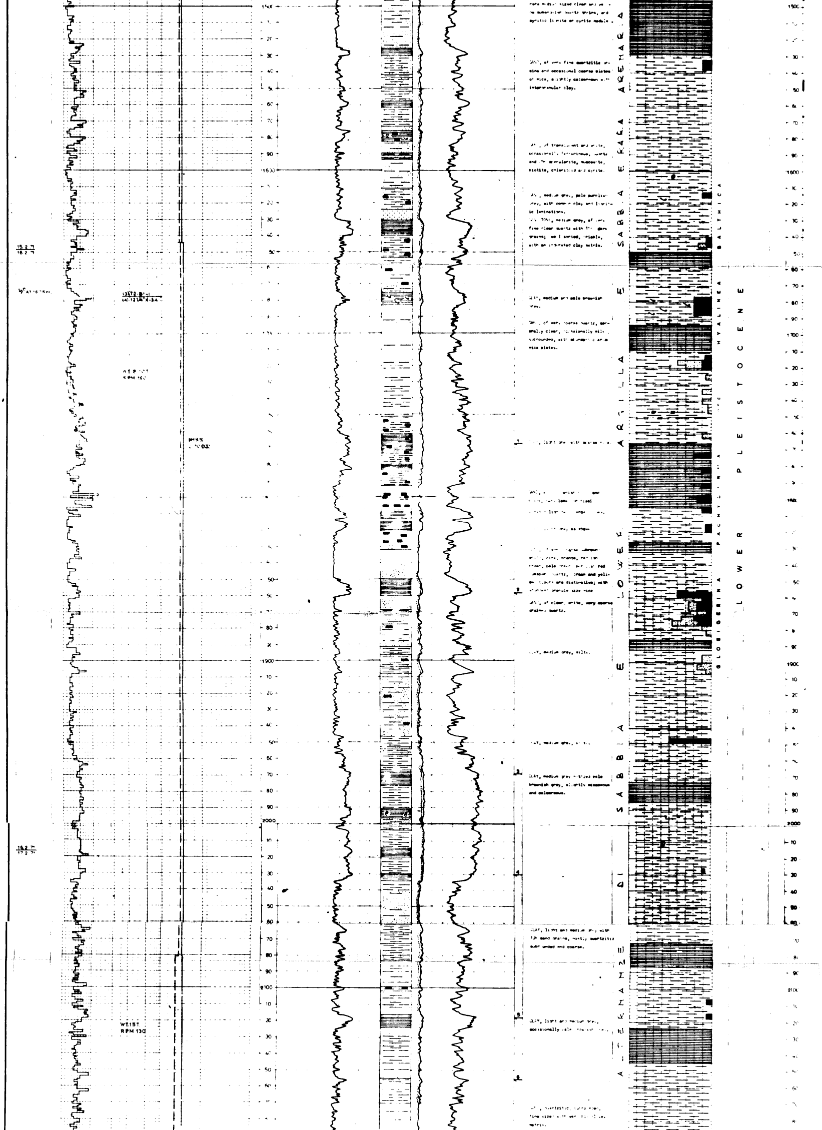
SAND, fine to coarse grained, poorly rounded, with much free and regular quartz and minor feldspar, muscovite [illegible] biotite.

[illegible], light to medium grey [illegible] [illegible]

[illegible] grained [illegible] trans[illegible] [illegible] mica, and [illegible] [illegible] muscovite.

SAND, of angular quartzitic grains and euhedral mica plates up to 3mm across.

CLAY, light to medium grey, with



rare medium sized clear and yellow subangular quartz grains, and pyritic lignite or pyrite nodules.

SAND, of very fine quartzitic grains and occasional coarse plates of mica, slightly calcareous with intergranular clay.

SAND, of translucent and white, occasionally ferruginous, quartz and [illegible] granulorite, muscovite, biotite, chlorite and pyrite.

CLAY, medium grey, pale purplish grey, with common clay and lignitic laminations.

SANDSTONE, medium grey, of very fine clear quartz with [illegible] dark grains; well sorted, friable, with an [illegible] clay matrix.

CLAY, medium and pale brownish grey.

SAND, of very coarse quartz, generally clear, occasionally milky, subrounded, with abundant coarse mica plates.

[illegible], light grey with coarse [illegible]

SAND, [illegible] white [illegible] and [illegible] lamellae [illegible]

[illegible] light grey [illegible]

[illegible] grey, as above

SAND, of very coarse subrounded [illegible], pink, orange, reddish brown, pale green [illegible] red [illegible] quartz, cream and yellow [illegible] are distinctive; with abundant granule size mica

SAND, of clear, white, very coarse grained quartz.

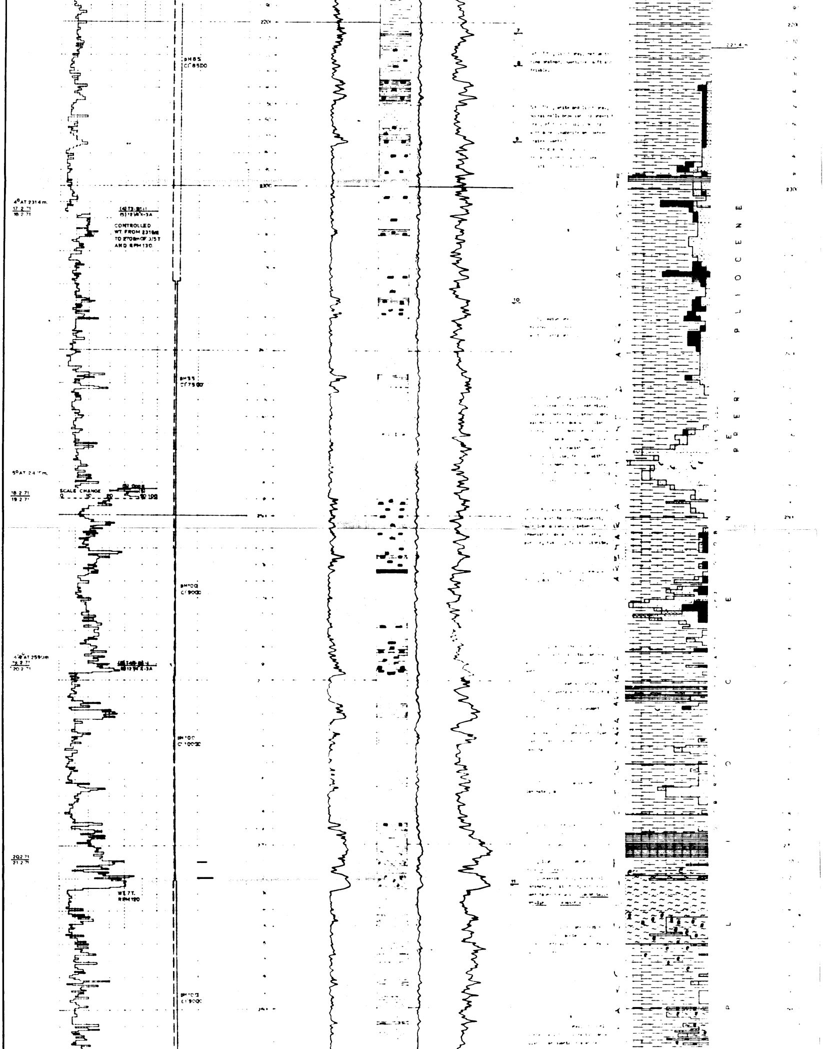
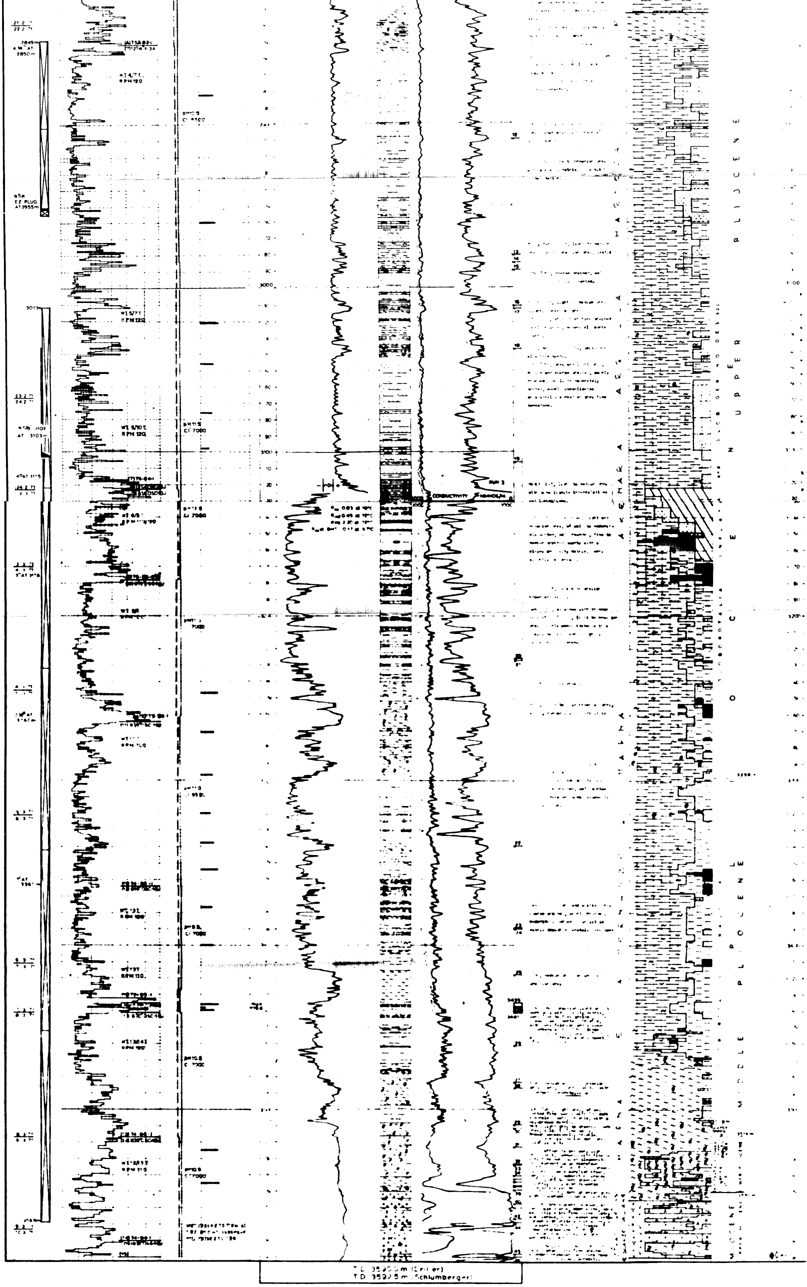
CLAY, medium grey, silty.

CLAY, medium grey, silty.

CLAY, medium grey mottled pale brownish grey, slightly micaceous and calcareous.

CLAY, light and medium grey, with 10% sand grains, mostly quartzitic subrounded and coarse.

CLAY, light and medium grey, occasionally pale [illegible]

[illegible], quartzitic, subrounded, fine size with [illegible] matrix.