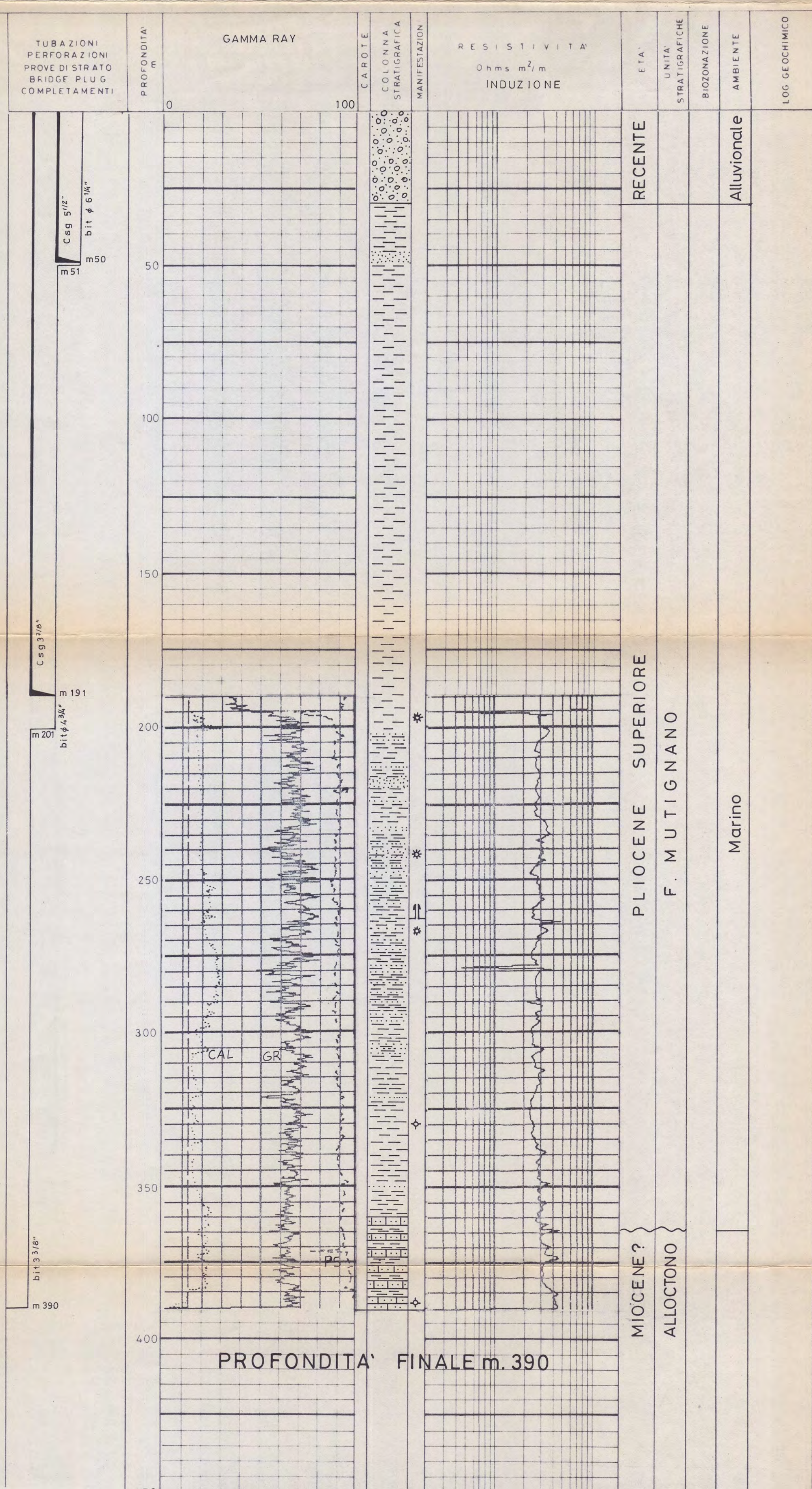
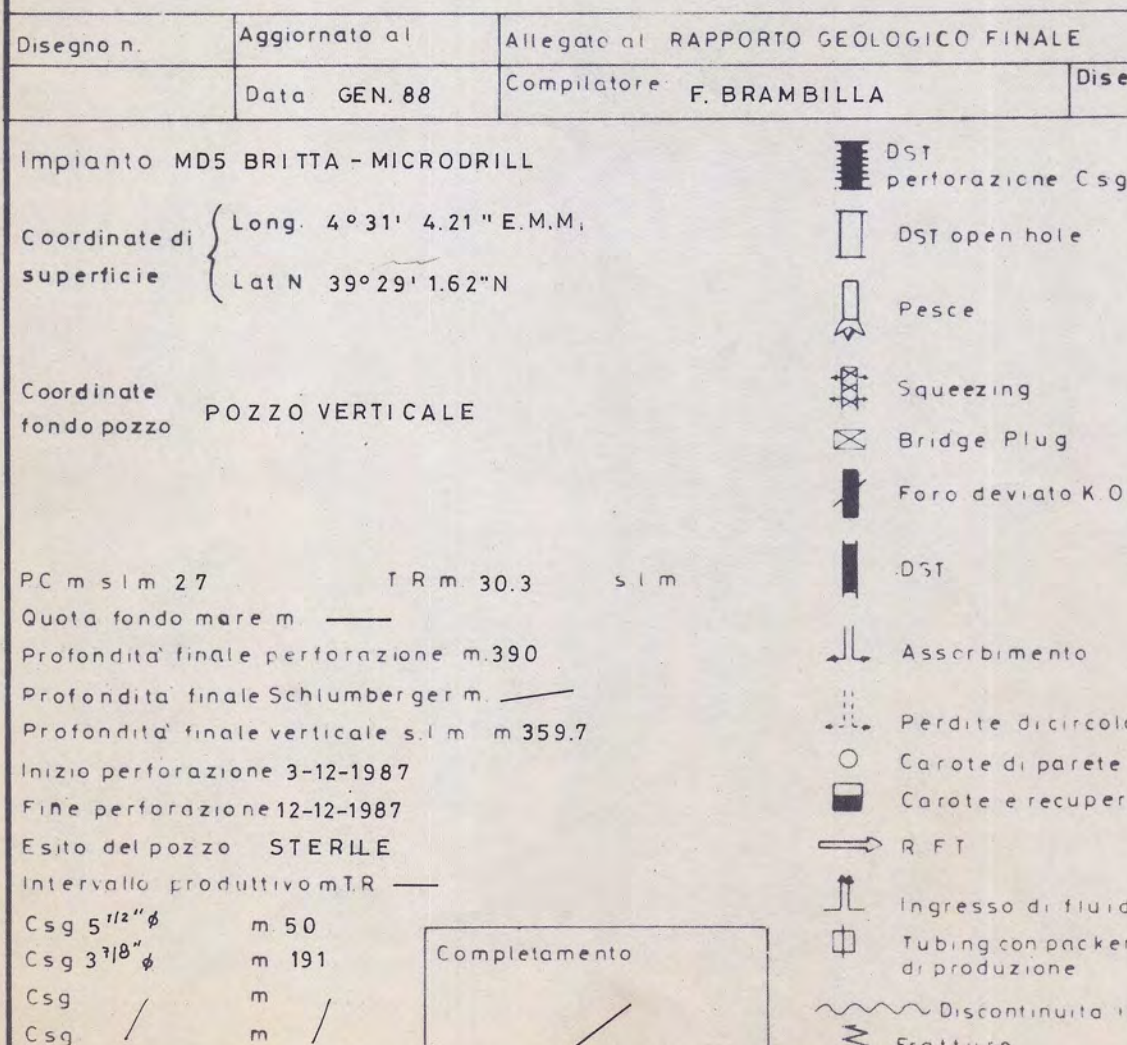
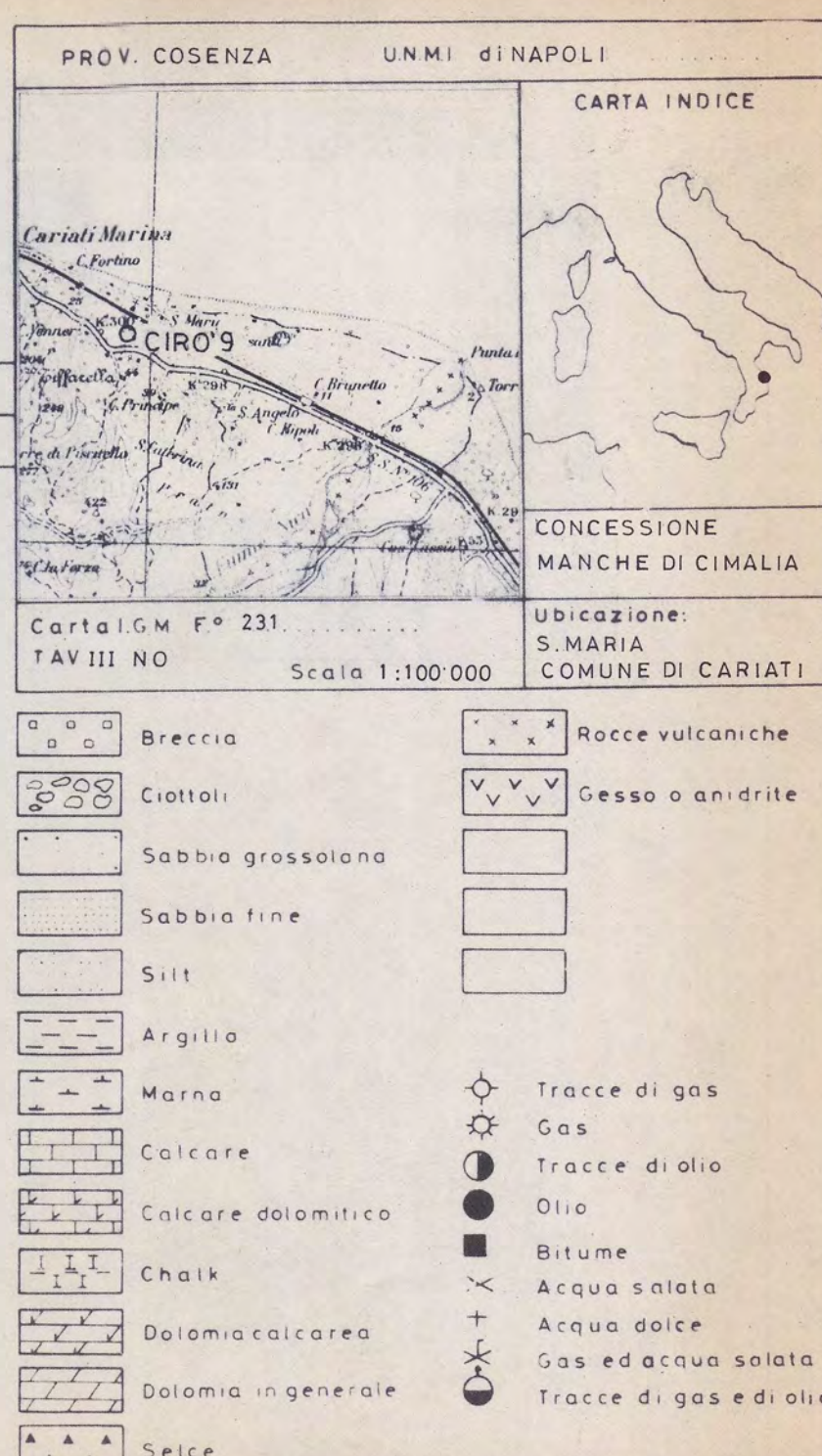




LOGS ELETTRICI registrati da
Geophysical Micro Log AB

12 DIC 87
INDUCTION-SONIC-GR-PS m.190-390
DENSITY-NEUTRON-GR m.190-390

CAROTE : n.n.

ASSORBIMENTI : n.n.

MANIFESTAZIONI

GAS :			
D.G. :	C1	= 0.1%	m. 341
D.G. :	C1	= 0.1%	m. 300
T.G. :	C1	= 4.4%	m. 330
D.G. :	C1	= 0.2%	m. 270
C.G. :	C1	= 0.2%	m. 255
D.G. :	C1	= 0.3%	m. 242
D.G. :	C1	= 0.1%	m. 194
S.T.G. :	C1	= 4.4%	m. 330

A m. 270 kick di gas , controllato con circolazione del cuscino sotto choke e appesantimento del fango da 1.150 Kg/Lt a 1.350 Kg/Lt .

OLIO : n.n.

STATO DEL POZZO

Chiusura mineraria , tappi di cemento
a m. 390-320 , 275-170 , 120-50 .

RISULTATI DEL POZZO

La serie argillosa pliocenica attraversata e' risultata priva dei livelli sabbiosi basali del Pliocene sup. costituenti reservoir nei pozzi del campo.

Le manifestazioni di gas , osservate durante la perforazione devono essere ricondotte a gas disperso nelle argille e/o contenuto in sottili livelli sabbiosi ,non sfruttabili minerariamente .



Master Log



PREPARED FOR
SELM
Società Energia Montedison

WELL CIRO' 9

OPERATOR SELM S.p.A.

Well Type: ESPLORATIVO

Contractor: MICRODRILL

Vertical or directional: VERTICALE

Rig. type: MD 5 BRITTA

On Land or Off Shore: ON LAND

Platform name: _____

DATA UNIT N. DB0 29

Drilling fluid Company: MICRODRILL

ENGINEERS B. FILIPETTO

E. PICARA

State ITALIA

Field or District CARIATI - PROV. COSENZA

Location Lat. 39°29'1.62"N Long. 4°31'4.21"E

Elevation KB 30.3 m Above sea level
3.3 m Above ground

Water depth 03-12-87 to 11-12-87

Spudded on 10 m to 390 m

Depth from 1:1000

MUD DATA

DRILLING LEGEND

CASINGS

LITHOLOGY LEGEND

DRILLING SHOWS

ENGINEERING LEGEND

D Density	NB New Bit	5 1/2" from 0 to 50	Breccia in general	Limestone in general	+ Fresh Water	Rec. 90	Core Recovery 90%
V Viscosity	RR Rerun Bit	3 7/8" from 0 to 191	Conglomerate in general	Dolomite in general	× Salt Water	DST.	Drill stem Test in open hole
WL Filtrate in cc	TB Turbo Drill	0 from 0 to 0	Sand	Dolomitic limestone in gen.	× Gas and Salt Water	DST.	Drill Stem Test in Cased hole
FC Filter Cake	DCB Diamond Core Bit	0 from 0 to 0	Silt	Calcareous dolomite	⊙ Gas traces	○ Side Wall Core	
CL Chloride Cont.	DS Deviation Survey	0 from 0 to 0	Shale or clay	Igneous rocks in general	⊙ Gas	⇒ RFT	
Rm. Mud. Resistivity in Ω m/m	WOB Weight on Bit tons	0 from 0 to 0	Marl	Intrusive rocks in gen.	⊙ Gas Blow Out	⚡ Short Trip	
Rmf. Mud. Filtr. Resist. in Ω m/m	RPM Rotation (Revol/min)	0 from 0 to 0	Coal in general	Extrusive rocks in general	⊙ Oil traces	⚡ Lost Circulation	
	LC Lost circulation m³		Salt in general (Na,K,Mg)	Metamorphic rocks in gen.	⊙ Gas and Oil Traces	⚡ No Return	
	NR No Returns		Gypsum or Anhydride	Pyroclastic rocks in gen.	⊙ Bitumen Traces	⚡ Fluid Invasion	
	TG Trip Gas		Cement in general	Chert	⊙ Bitumen	⚡ Casing Shoes	
	CG Connection Gas				⊙ Sulphidic acid smell		
	BG Background Gas						
	SG Show Gas						

