2437 BN

Gulf Italia

WELLSITE LITHOLOGY LOG

WELL : CANOSA-1X

LOCATION : N. 41° 15' 20" E. 16° 07' 44"

COUNTRY : ITALY

PROVINCE or AREA : CANOSA DI PUGLIA

KB. ELEVATION : 114,87 m. (377')

GROUND ELEVATION or WATER DEPTH : 110 m (361')

TOTAL DEPTH : 2401 m. (PBTD 2025 m.)

LOG SCALE : 1/1000

DEPTH IN : ☐ FEET ☒ METERS

SPUD CLASS : N.F WILDCAT

COMPLETION CLASS : DRY NFW

SPUD DATE : 1 OCTOBER 1973

DATE TD. REACHED : 2 MARCH 1974

RIG RELEASE DATE : 6 MARCH 1974

DRILLING CONTRACTOR : SAIPEM NO. 5836

RIG : IDECO - 1350 S

REMARKS CONVERTED TO SALT WATER SUPPLY/DISPOSAL WELL THROUGH PERFORATIONS FROM 1575 m. TO 1585 m. BRIDGE PLUG AT 2066 m. WITH 2 TONS CLASS "A" CMT. ON TOP

HOLE SIZE			CASING RECORD		
26 "	to	150 m.	20 "	to	150 m.
17 ½ "	to	921 m.	13 ⅜ "	to	921 m.
12 ¼ "	to	2171 m.	9 ⅝ "	to	2102 m.
8 ½ "	to	2401 m.	"	to	
"	to		"	to	
"	to		"	to	

MUD RECORD

MOST OF WELL DRILLED WITHOUT RETURNS. DRILLING FLUID WAS MAINLY FRESH. WATER WITH BENTONITE PILLS.

PLUGGED WITH 5 TONS CLASS "A" AT SURFACE ON 28/09/74

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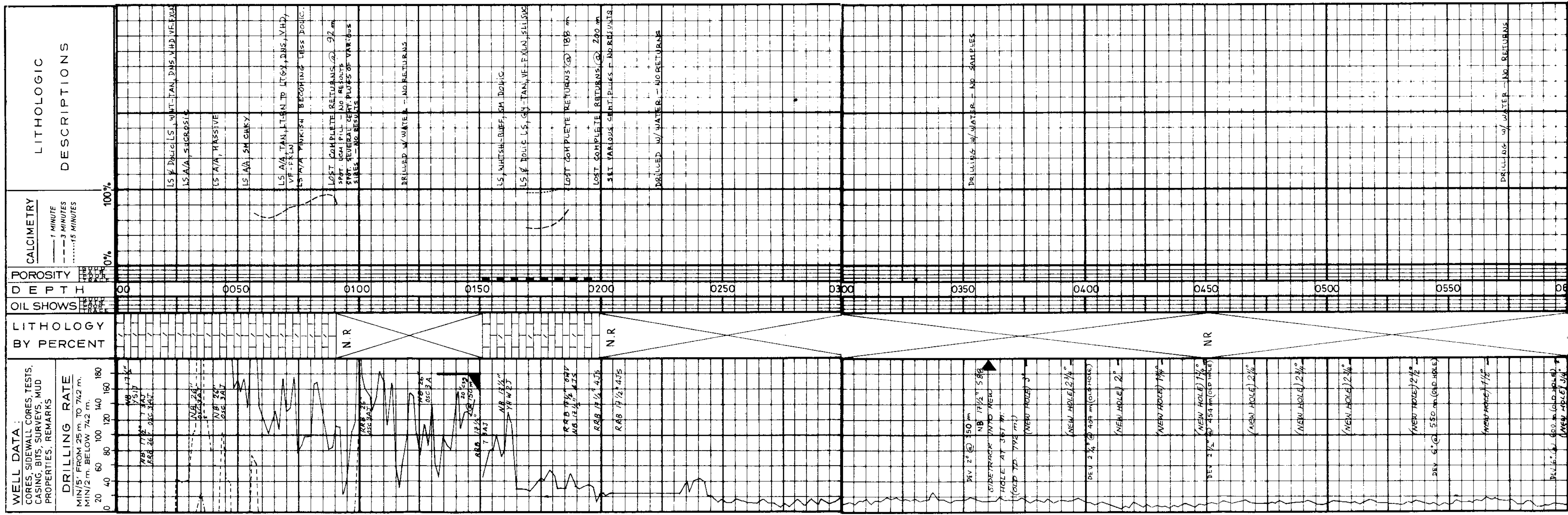


LS & DOLIC LS, WHT-TAN, DNS, VHD, VF-FXLN

LS A/A, SUCROSIC

LS A/A, MASSIVE

LS A/A, SM CHKY

LS A/A, TAN, LT-BN TO LTGY, DNS, VHD, VF-FXLN

LS A/A PINKISH BECOMING LESS DOLIC.

LOST COMPLETE RETURNS @ 92 m

SPOT. LCM PILL – NO RESULTS

SPOT. SEVERAL CEMT. PLUGS OF VARIOUS SIZES – NO RESULTS

DRILLED W/ WATER – NO RETURNS

LS, WHTSH-BUFF, SM DOLIC

LS & DOLIC LS, GY-TAN, VF-FXLN, SLI SUC

LOST COMPLETE RETURNS @ 188 m

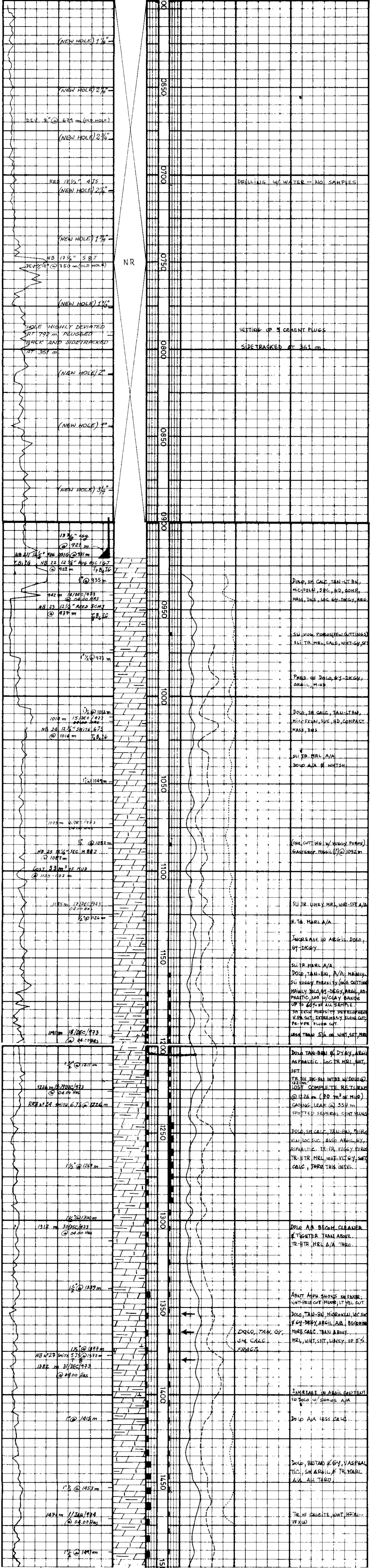
LOST COMPLETE RETURNS @ 200 m

SET VARIOUS CEMT. PLUGS – NO RESULTS

DRILLED W/ WATER – NO RETURNS

DRILLING W/ WATER – NO SAMPLES

DRILLING W/ WATER – NO RETURNS



(NEW HOLE) 1¼°

(NEW HOLE) 2¼°

DEV 8° @ 679 m (OLD HOLE)

(NEW HOLE) 2¾°

RRB 17½" 4 JS

(NEW HOLE) 2¼°

(NEW HOLE) 1¾°

NB 17½" 5 8 J

DEV ≥ 10° @ 750 m (OLD HOLE)

(NEW HOLE) 1½°

HOLE HIGHLY DEVIATED
AT 792 m. PLUGGED
BACK AND SIDETRACKED
AT 361 m.

(NEW HOLE) 2°

(NEW HOLE) 1°

(NEW HOLE) 3¼°

13⅜" csg
@ 921 m

NB 21 12¼" HUG OSIG @ 931 m
T₂B₂IG

NB 22 12¼" HUG OSC 1GJ
@ 922 m T₇B₄IG

1° @ 935 m

942 m 14/DEC/973
@ 04.00 HRS

NB 23 12½" REED SCHJ
@ 937 m T₆B₆IG

1°½ @ 973 m

1½ @ 1012 m

1017 m 15/DEC/973
~~04.00 HRS~~

NB 24 12¼" SMITH 6JS
@ 1014 m T₂B₂IG

1° @ 1049 m

1073 m 16/DEC/973
04.00 HRS

½° @ 1087 m

NB 25 12¼" SEC M88J
@ 1087 m

LOST 53 m³ OF MUD
@ 1100 - 1102 m

1135 m 17/DEC/973
04.00 HRS

½° @ 1126 m

1191 m 18/DEC/973
@ 04.00 HRS

1½° @ 1211 m

1226 m 19-29 DEC/973
@ 04.00 HRS

RRB № 24 SMITH 6JS @ 1226 m

1½° @ 1269 m

1¼° @ 1300 m

1312 m 30/DEC/973
@ 04.00 HRS

1½° @ 1339 m

1½° @ 1377 m

NB № 27 SMITH 5JS @ 1377 m
T B

1382 m 31/DEC/973
@ 04.00 HRS

1° @ 1415 m

1°½ @ 1453 m

1471 m 1/JAN/974
@ 04.00 HRS

1°½ @ 1491 m

DRILLING W/ WATER — NO SAMPLES

SETTING UP 5 CEMENT PLUGS

SIDETRACKED AT 361 m.

DOLO, SH CALC, TAN-LT BN,
MIC-FXLN, SUC, HD, COMP,
MASS, DNS, LOC GY-DKGY, ARG.

SLI VUG POROS (FEW CUTTINGS)
SLI TR. MRL, CALC, WHT-GY, SFT

PRED OF DOLO, GY-DKGY,
ARGIL, M-HD.

DOLO, SH CALC, TAN-LTBN,
MIC-FXLN, SUC, HD, COMPACT
MASS, DNS

SLI TR. MRL A/A
DOLO A/A & WHTSH

(ONE CUTTING W/ VUGGY POROS)
GASTEROP. FOSSIL (?) @ 1092 m

SLI TR. LIMEY MRL, WHT-SFT A/A

V. TR. MARL A/A

INCREASE IN ARGIL. DOLO,
GY-DKGY.

SLI TR. MARL A/A
DOLO, TAN-BN, A/A MAINLY.
SLI VUGGY POROSITY (ONE CUTTING)
MAINLY DOLO, GY-DKGY, ARGIL, ASPHALTIC, LOC W/CLAY BANDS
UP TO 60% OF ALL SAMPLE.
SM IXLN POROSITY DEVELOPMENT
V. PR CUT; EXTREMELY SLOW CUT;
PR-VPR FLUOR CUT.

LESS THAN 5% OF WHT, SFT, MRL

DOLO TAN-BRN & DK GY, ARGIL
ASPHALTIC. LOC TR MRL, WHT,
SFT
TR. SH, DK-BN INTBD W/ DOLO @
1221 m.
LOST COMPLETE RETURNS
@ 1226 m (80 m³ OF MUD)
CASING LEAK @ 357 m
SPOTTED SEVERAL CEMT PLUGS

DOLO, SH CALC, TAN-BN, MICRO
XLN LOC SUC. ALSO ARGIL, GY,
ASPHALTIC. TR-FR VUGGY POROS
TR-HTR MRL, WHT-VLT GY, SFT,
CALC, THRU THIS INTVL.

DOLO A/A BECOM. CLEANER
& TIGHTER THAN ABOVE.
TR-HTR MRL A/A THRU.

ABNT ASPH. SHOWS NO FLUOR;
WHT-PALE CUT FLUOR; LT YEL CUT.

DOLO, TAN-BN, MICROXLN, LOC SUC
& GY-DKGY ARGIL A/A. BECOMING
MORE CALC. THAN ABOVE.
MRL, WHT, SFT, LIMEY UP 5%

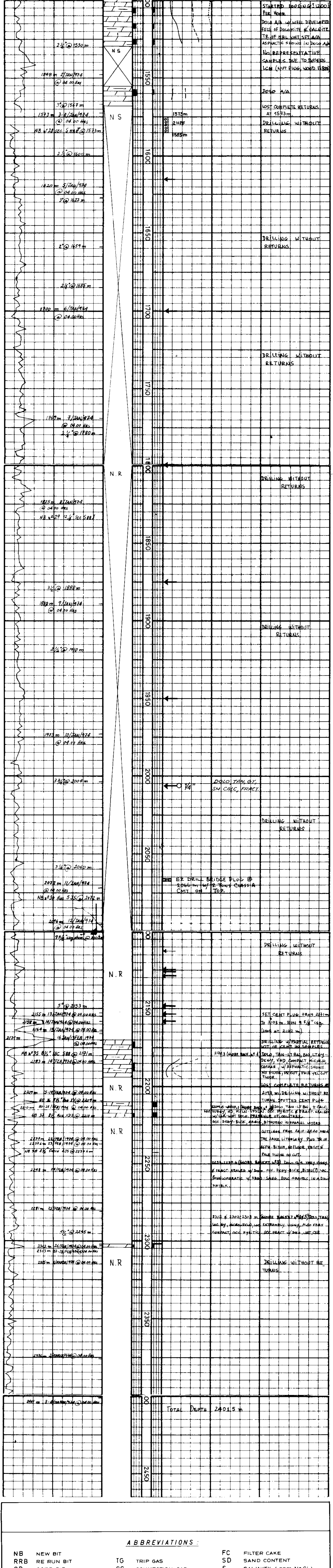
DOLO, TAN, GY,
SM CALC
FRACT.

INCREASE IN ARGIL CONTENT
IN DOLO W/ SHOWS A/A

DOLO A/A LESS CALC

DOLO, BNTAN & GY, V ASPHALTIC, SH ARGIL & TR. MARL
A/A ALL THRU

TR. OF CALCITE, WHT, MICRO-
VFXLN



ABBREVIATIONS :

NB	NEW BIT			FC	FILTER CAKE
RRB	RE RUN BIT	TG	TRIP GAS	SD	SAND CONTENT
CB	CORE BIT	CG	CONNECTION GAS	S	SALINITY (ppm NaCl)
CR	CIRCULATE RETURNS	C	CARBIDE	Rm	MUD RESISTIVITY
NR	NO RETURNS	DST	DRILL STEM TEST	Rmf	MUD FILTRATE RESISTIVITY
PR	POOR RETURNS	W	MUD WEIGHT		
LAT	LOGGED AFTER TRIP	F	MUD FILTRATE		

LITHOLOGY SYMBOLS :

LS
DOL
GYP ANHY
SALT
COAL LIGNITE
CLAY
SH
CALC SH
MARL
SLTSTN
SDY SLTSTN
SS
CGL
VOLCANICS
META-MORPHIC
INTRUSIVE

GLAUCONITE	G
PYRITE	■
CHERT	△
MICROFOSSILS	&
MACROFOSSILS	∿
OOLITES	⊙
CHALKY	C
DOLOMITIC	/
SILTY	~
GYPSIFEROUS	////
CALCAREOUS	⊥
FELDSPAR	□

WELL SYMBOLS :

SWC
● GD SHO
◐ PR SHO
○ NO SHO
→ NO REC
③ CORE N. 3 SHOWING RECOVERY
① OPEN HOLE DST No. 1
OPEN PERFORATIONS
SQUEEZED PERFORATIONS
① SCHLUMBERGER FORMATION TEST
CASING 9⅝" 3021' @
TOP OF LINER 7" 4051' @
SIDETRACK POINT
TOP FISH 5961'
7032' BASE FISH
top
CEMENT PLUG
base

ENIU 1047904

Gulf Italia