1-6

BELCO PETROLEUM CORPORATION OF PERU

GEOLOGICAL LOG

LITHOLOGICAL AND PALEONTOLOGICAL LOG

WELL : Z2A-21-565-CD-LO6 (LO6-16)

M. Chavez

WORKING FILE
GEOSCIENCES

WORKING FILE
GEOSCIENCES

PETRO—TECH PERUANA S.A.
GEOLOGIST WELL FILE

WELL FILE

GEOLOGISTS: GEOPET O. CONCHA S.
PALEONTOLOGIST:
PALINOLOGYST:

AREA: LOBITOS OFFSHORE
BLOCK: Z2A PARCEL 21
PLATFORM: "LO6"
RIG CONTRACTOR: STORM DRILL III
TYPE OF WELL: CONFIRMATORY
SURFACE COORDINATES N 1'598,632.76 m — E 124,655.47 m
BOTTOM COORDINATES N 1'599,607.17 m — E 125,254.51 m
K.B.E 50' G.L.E — WATER DEPTH: 335'
AVERAGE DIRECTION N 19° 6' 13"
AVERAGE OF VERTICAL ANGLE ON TARGET 28° 23'
TOTAL MEASURED DEPTH 6625'
TOTAL VERTICAL DEPTH 5664'
DRILLING COMMENCED ON JUNE 26th, 1984
DRILLING FINISHED ON JULY 22nd, 1984
SURFACE CASING 13 3/8 CSG, SHOE AT 495'
INTER CASING 9 5/8 CSG, SHOE AT 1701'
PRODUCTION CASING 5 1/2 CSG, SHOE AT 6547'
ELECTRICAL SURVEYS DLL-GR, CDL-CNL-GR.
REMARKS

BELCO PETROLEUM CORP. OF PERU
DPTO. TECNICO
16 AGO. 1984
RECIBIDO

SCANNED
By Cluse
Date 1-8-03

SHALE SILTSTONE SANDSTONE SAND CONGLOMERATE CLAYSTONE

DITCH SAMPLES
FROM SURF 2000 EVERY 30'
FROM 2000 TD EVERY 10'
FROM EVERY
FROM EVERY

SYMBOLOGY FOR COMPOSITE AND/OR LITHOLOGIC AND PALEONTOLOGICAL LOG

IGNEOUS METAMORPHIC & SEDIMENTARY ROCKS

SHALE, CLAYSTONE, SILTSTONE, SANDSTONE, CONGLOM, LIMESTONE
CALCAREOUS SHALE, SILTY SHALE, SANDY SHALE, CALCAREOUS CLAYSTONE, SILTY CLAYSTONE, SANDY CLAYSTONE
CALCAREOUS SILTSTONE, SANDY SILTSTONE, CALCAREOUS SANDSTONE, SILTY SANDSTONE, SANDY LIMESTONE, DOLOMITIC LIMESTONE
CALCILUTITE, CALCARENITE, DOLOMITE, QUARTZITE, SCHIST, CHERT
SLATE, GNEISS, INTRUSIVE, EXTRUSIVE, TUFF, AGGLOMERATE/BRECCIA
NO SAMPLE

POROSITY TYPES

INTERGRANULAR	I
VUGGY	VU
FRACTURED	FR
LEACHED	L
CHALKY	C
UNDETERMINED	U

ACCESORIES

PYRITE	□
GLAUCONITE	ɣ
DOLOMITE	△
CALCITE	◊
GYPSUM	▨
SHELL FRAGS	◠
SLICKENSIDES	////
COAL / LIGNITE	═
MICA	V
MICROFOSSILS	∂
CAVING	•

FAUNE AND ACCESORIES ABUNDANCE

●	>	30	V/abundant
⊗	21	30	Abundant
X	11	20	Common
/	6	10	Rare
•	0	5	v/rare

CASING — LOST CIRC — D.S.T 8000' 8080 — CONV. CORE 7100 REC 20 66% 7130 — S.W.C 8025 RECOVERY (FILL THE CIRCLE FOR SHOWS) 8036 NO RECOVERY — HOLE DEVIATION — CEMENT PLUG

DRILLING RATE MIN/FT — INTERPRETATIVE GRANULOMETRICAL CURVE — BIT LOST CIRC GAS CUT MUD SURVEYS TEST CORES — POROSITY — DEPTH — LITHOLOGY — TENTATIVE FM TOPS — ACCESORIES — FLUORESCENCE — COLOR & CUT OF FLUOR

LO6-16
LITHOLOGICAL DESCRIPTIONS (0' - 500')

PALEONTOLOGICAL DETERMINATIONS

PALYNOLOGICAL DETERMINATION

NO RETURN SAMPLES

CEMENT

SPUDDED DRILLING ON JUNE 26th, 1984 AT 0300 hrs.

DRILLING W/ SEA WATER

NO RECOVERY SAMPLES

NO RECOVERY SAMPLES

SS. sl gn'sh wh & wh, f/md grs, sbang/sbrndd, fr srt, arg mtx, calc, mod hd grad hd, dk & gn grs incl, p vis por.

SH. brn, sbplty/sbblky, mod frm, sbfis/fis, v. sl. calc, occ. slty

SS. sl gn'sh wh, v.f/f occ md grs, sbang/sbrndd, fr/p srt, arg mtx, [illegible]

Recovered Tallow Sample (Residual Cement)

TD. 6625'