GEOIL

REGISTRO GEOLOGICO DE PERFORACION
(DRILLING'S GEOLOGICAL LOG)

Company:	PETRO TECO PERUANA S.A.	Well:	Z-25 (N-979 E-1,250,000)?
Contract:	N 9,664,000 m E - 1,400,000 E.S.	Field:	PEDRO
Rig:		Area:	LOBITOS
Elevation:	1,000 m.a.s.l.		
Drilling Contractor:	LATINOIL ARTESANOS		
Spud Date:	JUNE 15, 2001 at 18:00 hrs.	Total Depth:	August 26, 2001 at 18:30 hrs.
Completion Date:		Logged Interval:	10 - 2,001 m.
Total Depth Driller:	2001	Drilling Mud:	POLYMER
Total Depth Logger:	2,000m. Attempt to Concrete	Hole Size:	From 0 to 1,000
		Casing:	From 0 to 1,000

WORKING FILE GEOSCIENCES

Start:	August 26, 2001 at 18:30 hrs
Finish:	
Geologist:	ALCARAZ
Geologist:	ALCARAZ

LITHOLOGIC SYMBOLS
SIMBOLOS LITOLOGICOS

- 100 - SANDSTONE
- 200 - SILTSTONE
- 300 - SHALE
- 400 - LIMESTONE
- 500 - DOLOMITE
- 600 - CONGLOMERATE
- 700 - COAL
- 800 - CHERT
- 900 - ANHYDRITE
- 1000 - SALT
- 1100 - GYPSUM
- 1200 - BRECCIA
- 1300 - CLAY
- 1400 - MARL
- 1500 - TUFF
- 1600 - PYROCLASTIC
- 1700 - VOLCANIC
- 1800 - CHERT NODULES
- 1900 - CARBONATE NODULES
- 2000 - SILTY SHALE
- 2100 - SANDY SHALE
- 2200 - CALCAREOUS SHALE
- 2300 - CARBONACEOUS SHALE
- 2400 - SILTY SANDSTONE
- 2500 - SANDY SILTSTONE
- 2600 - CALCAREOUS SILTSTONE
- 2700 - CARBONACEOUS SILTSTONE
- 2800 - CALCAREOUS SANDSTONE
- 2900 - CARBONACEOUS SANDSTONE
- 3000 - CALCAREOUS CONGLOMERATE
- 3100 - CARBONACEOUS CONGLOMERATE
- 3200 - FOSSILIFEROUS
- 3300 - ANDESITE
- 3400 - BASALT
- 3500 - DIORITE
- 3600 - GRANITE
- 3700 - GRANODIORITE
- 3800 - QUARTZITE
- 3900 - PORCELANITE
- 4000 - TUFFACEOUS SANDSTONE
- 4100 - TUFFACEOUS SILTSTONE
- 4200 - TUFFACEOUS SHALE
- 4300 - TUFFACEOUS LIMESTONE
- 4400 - TUFFACEOUS CONGLOMERATE
- 4500 - TUFFACEOUS CHERT
- 4600 - PYROCLASTIC TUFF
- 4700 - VOLCANIC TUFF
- 4800 - ACID VOLCANIC TUFF
- 4900 - BASIC VOLCANIC TUFF
- 5000 - ANDESITIC TUFF
- 5100 - DACITIC TUFF
- 5200 - RHYOLITIC TUFF
- 5300 - ANDESITE
- 5400 - BASALT
- 5500 - DIORITE
- 5600 - GRANITE
- 5700 - GRANODIORITE
- 5800 - QUARTZITE
- 5900 - PORCELANITE
- 6000 - METAMORPHIC
- 6100 - SERPENTINE
- 6200 - SLATE
- 6300 - PHYLLITE
- 6400 - SCHIST
- 6500 - GNEISS
- 6600 - MARBLE
- 6700 - HORNFELS
- 6800 - QUARTZITE
- 6900 - METASANDSTONE
- 7000 - METACONGLOMERATE
- 7100 - METAANDESITE
- 7200 - METABASALT
- 7300 - METAVOLCANIC
- 7400 - METAVOLCANIC TUFF
- 7500 - METAPORCELANITE
- 7600 - METAPORCELANITE TUFF
- 7700 - METAPORCELANITE TUFF
- 7800 - METAPORCELANITE TUFF
- 7900 - METAPORCELANITE TUFF
- 8000 - METAPORCELANITE TUFF
- 8100 - METAPORCELANITE TUFF
- 8200 - METAPORCELANITE TUFF
- 8300 - METAPORCELANITE TUFF
- 8400 - METAPORCELANITE TUFF
- 8500 - METAPORCELANITE TUFF
- 8600 - METAPORCELANITE TUFF
- 8700 - METAPORCELANITE TUFF
- 8800 - METAPORCELANITE TUFF
- 8900 - METAPORCELANITE TUFF
- 9000 - METAPORCELANITE TUFF
- 9100 - METAPORCELANITE TUFF
- 9200 - METAPORCELANITE TUFF
- 9300 - METAPORCELANITE TUFF
- 9400 - METAPORCELANITE TUFF
- 9500 - METAPORCELANITE TUFF
- 9600 - METAPORCELANITE TUFF
- 9700 - METAPORCELANITE TUFF
- 9800 - METAPORCELANITE TUFF
- 9900 - METAPORCELANITE TUFF
- 10000 - METAPORCELANITE TUFF

ABBREVIATIONS
ABREVIATURAS

- BK - BROKEN
- CLR - CLEAR
- CRS - CRUSHED
- DK - DARK
- FRAG - FRAGMENT
- FRAGMENTO
- GRY - GREY
- LT - LIGHT
- LTHOLOGY
- MED - MEDIUM
- MINERALOGY
- MINERALOGIA
- PRESENCE
- PRESENCIA
- PRESENT
- PRESENTE
- PRESENTS
- PRESENTA
- PRESENTED
- PRESENTADO
- PRESENTING
- PRESENTANDO