

BELCO PETROLEUM

CORPORATION OF PERU

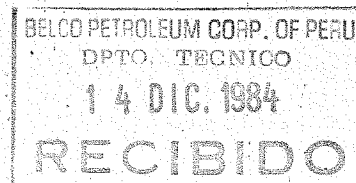
(SUCURSAL DEL PERU)

TELEF. — NEGRITOS
863 - 864 - 865

APARTADO N° 1
TALARA-PERU

G-138-84

November 18th, 1984



To : Edgar Escobedo - Belco Coordinator
From : Ricardo Morante - Wellsite Geologist
Ref : Logging Report Well Z2A-21-584-CD-L06 (L06-17)

L06-17

November 11th, 1984

17:30 hrs.: Well ready to run logs.
17:45 hrs.: Rigging up Go Well equipments.
18:00 hrs.: Assembling and calibrating DLL-GR tools on surface.
18:30 hrs.: RIH w/DLL-GR tools and calibrating.
19:15 hrs.: Tools couldn't pass at 4040', 4700', 5600' after several attempts.
20:50 hrs.: Reached bottom hole at 6223'.
20:54 hrs.: Logging w/DLL-GR tool and repeat section, csg. shoe at 2002'.
23:20 hrs.: Finished log, GR up to 350'.
23:30 hrs.: Tool on surface.
23:45 hrs.: Assembling and calibrating CDL-CNS-GR tools on surface.

November 12th, 1984

02:00 hrs.: RIH w/CDL-CNS-GR tool.
03:00 hrs.: Reached bottom hole at 6223', after several attempts.
03:01 hrs.: Logging w/CDL-CNS-GR tools from 6223' to 3750'. Rio Bravo sdy. Fm. and repeat section.
04:40 hrs.: Finished log.
05:00 hrs.: Tool on surface.
05:30 hrs.: Assembling and calibrating MSFL-GR tools on surface.
06:45 hrs.: RIH w/MSFL-GR tool and calibrating.
07:30 hrs.: The tool was sticking at 5830', 6080' due to bad hole conditions.
08:20 hrs.: Reached bottom hole at 6223'.
08:30 hrs.: Logging w/MSFL-GR tool from 6223' to 3750' and repeat section.
09:50 hrs.: Finished log.
10:20 hrs.: Tool on surface.
10:30 hrs.: Rigging down Go Well equipments.
11:00 hrs.: Processing films and making copies.

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15:00 hrs. The Go Well operator have problems to obtain all the logs together for Universal Data Dump.

19:00 hrs.: The Go Well crew left "LO6" platform for processing DLL-MSFL-GR, CDS-CNL-GR films and U.D.D. in Talara Base.

QUALITY LOGS

DLL-GR : All calibrations were made automatically in the computer.
The resistivity curves and GR are in the same depth.
The calibrations were checked before and after to run logs.
The conductivity/Resistivity ratio is OK.
The logging velocity was 40'/min approx.
The quality log is good.

MSFL : All calibrations were made automatically in the computer.
This curve is reading mud from 5150' to 3750' due to poor contact between electrodes and bore hole (big hole size).
The pad was working before and after survey.
The log velocity was 30'/min approximately.
The log quality is good.

CDL-CNS-GR : All calibrations were made automatically in the computer.
The calibrations were checked before and after to run log.
The curves ϕ_N , ϕ_D and GR are in the same depth.
The logging velocity was 35'/min. approximately.
The parameters used were :
Mtx : 2.65 for Rio Bravo Sdy. Fm.
Mtx : Limestone for Neutron Curve.
Fluid : 1.1 gr/cc, salinity CL-150,000 ppm.
The log quality is good.

NOTE : Logging Company
TD Driller
TD Logger
Logs programmed
Logs Ran

Well for correlation
Maximum vertical angle

: Go Well
: 6211'
: 6223'
: DLL-MSFL-GR, CDS-CNL-GR
: DLL-GR : 6223'-2002' = 4221' net log.
GR : 2002' - 350' = 1652' net log.
MSFL-GR: 6223'-3750' = 2473' net log.
CDS-CNL-GR : 6223'-3750' = 2473' net log.
: LO6-16, LO6-21, LO6-13X.
: 45° at 3925'

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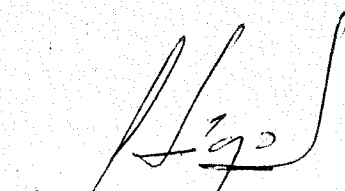
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Ricardo Morante
Wellsite Geologist


Approved by : Alfredo Velasquez
GEOPET Supervisor

RM/AVV/elv

cc: MAR - Lima
File

