

BELCO PETROLEUM

CORPORATION OF PERU

(SUCURSAL DEL PERU)

TELEF. - NEGRITOS
863 - 864 - 865

APARTADO N° 1
TALARA-PERU

G-93-84

September 3rd, 1984

To : E. Escobedo - Belco Coordinator

From : R. Morante - Wellsite Geologist

Ref : Logging report well Z2A-21-575-D-L06 (L06-21)

September 4th, 1984

19:00 hrs.: Personnel of Go Well arrived to "L06" platform.

21:00 hrs.: Rigging up Go Well equipments.

22:15 hrs.: Well ready to run logs.

22:30 hrs.: Assembling and calibrating DLL-MSFL-GR tool on surface.

23:15 hrs.: RIH w/DLL-MSFL-GR tool and calibrating.

September 5th, 1984

3.0 { 00:30 hrs.: Couldn't pass the tool to 3960' after several attempts, due to bad hole conditions.

00:45 hrs.: POOH the tool to take out MSFL tool and centralizer.

01:15 hrs.: Tool on surface.

01:45 hrs.: RIH w/DLL-GR plus weight.

4.0 { 02:20 hrs.: Reached the bottom hole to 5528'.

02:30 hrs.: Logging w/DLL-GR tool and repeat section csg. shoe 9 5/8" at 1803'.

05:00 hrs.: Finished log GR up to 360'

05:15 hrs.: Tool on surface

05:30 hrs.: Assembling and calibrating CDL-CNL-GR tool on surface.

06:15 hrs.: RIH w/CD -CNL-GR tool and calibrating.

3.5 { 07:05 hrs.: Reached the depth to 5200'.

07:11 hrs.: Logging w/CDL-CNL-GR tool and repeat section

08:05 hrs.: Finished log up to 3830'

08:45 hrs.: Tool on surface.

09:00 hrs.: Assembling and calibrating MSFL-GR tool on surface.

09:30 hrs.: RIH w/ MSFL-GR tool and calibrating.

4.0 { 10:15 hrs.: Reached the depth to 5200'.

10:30 hrs.: Logging w/MSFL-GR tool and repeat section.

12:15 hrs.: Finished log up to 3830'.

12:45 hrs.: Tool on surface.

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G-93
Page # 2

13:30 hrs.: Rigging down Go Well equipments.
16:30 hrs.: Personnel of Go Well finished films and copies.
19:00 hrs.: Go Well left "LO6" platform.

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 log.
The conductivity/Resistivity ratio is OK.
The logging velocity was 60'/min.
The quality log is good.

MSFL : All calibrations were made automatically in the computer.
The pad was working before and after survey.
The "spikes" showed on Rxo curve probably due to poor contact between electrodes and borehole.
The logging velocity was 45'/min.
Consequently the quality log is fair.

CDL-CNL-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.
The parameter used was :
Mtx : 2.65 for Rio Bravo Fm.
Mtx : Limestone for neutron curve.
Fluid : 1.1 because salinity was Cl-95,000 ppm.
The quality log is good.

<u>NOTE</u> : Logging Company	: Go Well International
TD Driller	: 5503'
TD Logger	: 5528'
Logs programmed	: DLL-MSFL-GR, CDS-CNL-GR.
Logs ran	: DLL-GR, CDS-CNL-GR, MSFL-GR.
	DLL-GR : 5514'-1803', net log : 3711'
	GR : 1803'- 360', net log : 1443'
	MSFL : 5200'-3830', net log : 1370'
	CDS-CNL-GR : 5200'-3830', net log: 1370'
Maximum vertical angle	: 27 1/4° at 3050'

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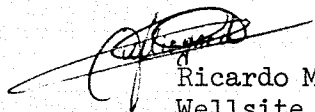
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Page # 3



Ricardo Morante
Wellsite Geologist



Approved by : Alfredo Velasquez
GEOPET Supervisor

RM/AV/elv

cc: MAR - Lima
Well file