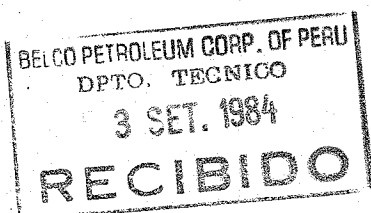


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Talara - Perú

G-84-84



August 17th, 1984

To : E. Escobedo - Belco Coordinator

From : J. Garcia - Geopet Coordinator

Ref : Logging report well Z2A-21-568-D-L06 (L06-24) Lobitos Offshore ✓

August 16th, 1984

4.75 { 00:00 hrs.: Well ready to start log jobs. Go Well Services start to rigging up DLL-GR tools on surface.
01:00 hrs.: RIH w/DLL-GR tools.
02:50 hrs.: Tools couldn't pass to 2810' after to have problems to pass at 2610', 2730'. POOH the tools in order to remove the centralizers of DLL-GR and go in hole again.
03:10 hrs.: RIH w/DLL-GR.
04:45 hrs.: The tools had trouble passing at 2320', 3154', 3370', 3418' and it couldn't pass at all 2635'. Belco ordered to condition hole again.
11.5 { 16:15 hrs.: Well ready to start log jobs again.
17:05 hrs.: RIH w/DLL-GR tools and additional weight.
4.5 { 18:15 hrs.: Tools at bottom, had trouble passing at 3880', 4070'. Start to take repeat section.
18:30 hrs.: Start log after to take repeat section.
20:20 hrs.: Finished log.
20:45 hrs.: Tools on surface. Start to rigging up and calibrate CDL-CNL-GR tools on surface.
22:10 hrs.: RIH w/CDL-CNL-GR after to check and fix a break wire, in the tools.
22:50 hrs.: Tools at 5000'. Start to take repeat section.
3.58 { 23:00 hrs.: Start to log.

August 17th, 1984

3.17 { 00:00 hrs.: Finished log.
00:20 hrs.: Tools on surface. Calibrating MSFL on surface.
01:00 hrs.: RIH w/MSFL tool.
01:45 hrs.: Tool at 5000'. Start to take repeat section.

..//

BELCO PETROLEUM

CORPORATION OF PERU

(SUCURSAL DEL PERU)

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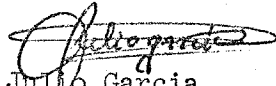
02:00 hrs.: Start to log.
03:10 hrs.: Finished log
03:30 hrs.: Tools on surface.
08:00 hrs.: Geologist left "LO6" platform.

QUALITY LOG

DLL-MSFL-GR : All the calibrations were put automatically in the computer.
The calibrations check before and after log.
The GR and resistivity curves are in the same depth.
The conductivity-resistivity ratio check.
The log velocity was approximately 3600'/hr.
Log interval DLL = 5826' to 1806'
GR = 5826' to 400'
MSFL = 5000' to 4000'
For mentioned above this quality log is good. ✓

CDL CNL GR: All the calibrations were put automatically in the computer.
The calibrations check before and after log.
The GR (of DLL-GR and CDL-CNL-GR logs) and the porosity curves are in the same depth.
The velocity log was approximately 1800'/hr. Density matrix (Rio Bravo Fm) 2.65 gr/cc and liquid density 1.1 gr/cc (Salinity : 130,000 ppm).
Log interval : 5000' to 4000'
For all mentioned above this quality log is good. ✓

<u>NOTE</u> :	Log Company	: Go Well International.
	Programmed log	: DLL-MSFL-GR, CDL-CNL-GR.
	Run log	: DLL-MSFL-GR, CDL-CNL-GR.
	TD (Driller)	: 5800'
	TD (Log)	: 5826'
	Max. vertical angle	: 50° at 5800'
	Net feet log	: DLL : 5826' to 1806' = 4020 feet.
		GR : 5826' to 400' = 5426 feet
		MSFL : 5000' to 4000' = 1000 feet
		CDL-CNL-GR : 5000' to 4000' = 1000 feet.


Julio Garcia
Geopet Coordinator

elv
cc: MAR - Lima ✓
Well file

