

BELCO PETROLEUM

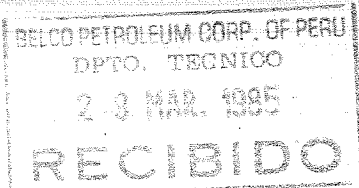
CORPORATION OF PERU
(SUCURSAL DEL PERU)

TELEF. — NEGRITOS
803-864-865

G-21-85

APARTADO N° 1
TALARA-PERU

March 18th, 1985



To : E. Escobedo - Belco Coordinator

From : J. Ortiz - Wellsite Geologist

Ref : Logging report well Z2A-21-610-D-L06 (L06-6) *File*

March 14th, 1985

19:20 hrs.: GO's crew arrived to "L06" platform.

20:10 hrs.: Rigging up Go Well equipments.

March 15th, 1985

03:40 hrs.: Well ready to run logs.

03:45 hrs.: Assembling and calibrating tools on surface.

04:10 hrs.: R.I.H. w/DLL-GR tools and calibrating.

05:40 hrs.: Reached bottom hole at 5926'.

05:45 hrs.: Logging w/DLL-GR tools and logging repeat section, casing 1510'.

07 05 hrs.: Finished log GR at 333'. Calibrating OK.

07:45 hrs.: Tools on surface.

08:00 hrs.: Assembling and calibrating CDL-CNL-GR tools on surface.

10:10 hrs.: R.I.H. w/CDL-CNL-GR tools and calibrating.

11:20 hrs.: Reached depth at 5250'.

11:25 hrs.: Logging w/CDL-CNL-GR tools in two intervals and logging repeat section.

12:45 hrs.: Finished log w/CDL-CNL-GR tools; calibrating OK.

13:10 hrs.: Tools on surface.

13:20 hrs.: Assembling and calibrating MSFL-GR tools on surface.

14:40 hrs.: R.I.H. w/MSFL-GR tools and calibrating.

15:40 hrs.: Reached depth at 5250'.

16:15 hrs.: Logging w/MSFL-GR tools, in two intervals and logging repeat section.

17:20 hrs.: Finished log w/MSFL-GR tools, calibrating OK.

18:05 hrs.: Tools on surface.

19:15 hrs.: Go Well crew left "L06" platform.

QUALITY LOGS

DLL-GR : Calibrations before and after logging were good.
Mechanical zeros are in scale.

..*4.92*..
5.42..
Restate
5 hrs. w/ MSFL
16:08
D.T.

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The resistivity and GR curves are in the same depth.
The Conductivity-Resistivity ratio are checking.
The logging velocity was 60'/min.
Logging interval:

DLL from 5926' to 1510' : 4416' net log.

GR from 5926' to 333' : 5593' net log.

The quality log is good. (CDL-CNL)

Rio Bravo sandy from 5210' to 4510' = 700'

Terebratula Fm. from 2200' to 1900' = 300'

Total 1000' net log

The parameters used were:

Density matrix : 2.65 gr/cc Rio Bravo sandy

2.65 gr/cc Terebratula Fm.

Fluid density : 1.10 gr/cc because salinity was 150,000 r.p.m.

The quality log is good.

MSFL-GR : Calibrations before and after logging were good. ✓

The Rxo and GR curves are in the same depth.

~~Something~~ readings are affected by the enlarged diameter of the hole.

The logging velocity was 45'/min.

Logging interval :

Rio Bravo sandy from 5210' to 4510' = 700'

Terebratula Fm. from 2200' to 1900' = 300'

Total 1000' net log

The quality log is fair to good.

NOTE : Logging Company

TD driller

TD logger

Logs programmed

Logs ran

Well\$for correlation

Maximum vertical angle

Logs ran

: Go Well International

: 5926'

: 5926'

: DLL-MSFL-GR and FDC-CNL-GR.

: DLL-GR, CDL-CNL-GR and MSFL-GR

: L06-24 and L06-22

: 46° at 1704'

: DLL : 4416' net log

GR : 5593' " "

CDL-CNL-GR; 1000' " "

MSFL-GR : 1000' " "

J. Ortiz N.

Wellsite Geologist

Approved by: J. Garcia C.

GEOPET Supervisor

JON/JGC/Elv

cc: MAR - Lima

Well file