BELCO PETROLEUM
CORPORATION OF PERU
(SUCURSAL DEL PERU)

TELEF. — NEGRITOS
863-864-865

APARTADO Nº 1
TALARA-PERU

G-21-85

March 18th, 1985

To : E. Escobedo - Belco Coordinator

From : J. Ortiz - Wellsite Geologist

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

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.

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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 was 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.
Some~~thing~~ 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 : Go Well International
TD driller : 5926'
TD logger : 5926'
Logs programmed : DLL-MSFL-GR and FDC-CNL-GR.
Logs ran : DLL-GR, CDL-CNL-GR and MSFL-GR
Well§for correlation : L06-24 and L06-22
Maximum vertical angle : 46° at 1704'
Logs ran : 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