

**FAX COVER SHEET**

EPPM-078-95

**TO:** Operations Manager

**FAX N°:** (74) 38-2758  
**PHONE N°:** (74) 38-2059  
**LOCATION:** Negritos, Talara

**FROM:** Exploration-Production  
Planning Manager

**FAX N°:** (1) 444-9423  
**PHONE N°:** (1) 441-9423  
**LOCATION:** Lima

**DATE:** April 4, 1995

**SUBJECT:** GEOLOGICAL RECOMMENDATION  
FOR NEXT WELL Z-2B-21-013-D-LO16

**N° OF PAGES INCLUDING COVER SHEET:** 2

**MESSAGE:**

Following please find in advance the Data for the next location to be drilled from LO16 Platform. Formal Prognosis will be sent via courier.

|                                          |                                |
|------------------------------------------|--------------------------------|
| Area:                                    | Lobitos Offshore               |
| Well Official Number:                    | Z-2B-21-013-D-LO16             |
| Petro-Tech Number:                       | _____                          |
| Conductor:                               | _____                          |
| Well Type:                               | Development                    |
| Rig:                                     | P-48                           |
| Main Objective:                          | Basal Salina                   |
| Secondary Objective:                     | -----                          |
| Surface Coordinates (UTM):               | 9°508,368.69 mN; 459,710.25 mE |
| Coordinates in the Objective (UTM):      | 9°505,490.00 mN; 459,370.00 mE |
| Direction:                               | S 20° W                        |
| Conductor Angle:                         | Vertical                       |
| KOP:                                     | 600 Ft.                        |
| Build Up:                                | 3 degrees/100 Ft.              |
| Measured Depth at Objective:             | 8000 Ft.                       |
| Vertical Depth at Objective:             | 7350 Ft.                       |
| Horizontal Drift at Objective:           | 3150 Ft.                       |
| Maximum Vertical Angle:                  | 27 degrees                     |
| Total Depth (Estimated):                 | 9100 Ft.                       |
| Total Vertical Depth:                    | 8300 Ft.                       |
| Horizontal Drift to Total Depth:         | 3650 Ft.                       |
| Limits at Objective Top/Base (Diameter): | 400/600 Ft.                    |

Will be assigned by Operations  
Referred to center of Platform

|                                                       |          |
|-------------------------------------------------------|----------|
| <b>PETRO-TECH</b>                                     |          |
| Gerencia de Planeamiento, Exploración<br>y Producción |          |
| Fecha:                                                | 95-4-4   |
| Hora:                                                 | 16:30    |
| Firma:                                                | W. Ayala |
| <b>ENVIADO</b>                                        |          |

Expected Stratigraphic Column

|               | <u>Ft. MD</u>   | <u>Ft. SS</u> |
|---------------|-----------------|---------------|
| Talara        | From Sea Bottom |               |
| Chacra        | 2800            | 2650          |
| Pariñas       | 3850            | 3600          |
| Palegreda     | 4000            | 3750          |
| Mogollon      | 5800            | 5300          |
| San Cristobal | 6700            | 6100          |
| Basal Salina  | 8000            | 7300          |
| Balcones      | 8900            | 8050          |
| T.D.          | 9100            | 8250          |



Alberto Anspe  
Manager

HC/mts

cc: General Manager  
Assistant General Manager  
Finance Manager  
Assistant Operations Manager - Engineering  
Well File  
200.2.2