

PETRO-TECH



PERUANA S.A.

LOG-14

H. Cornejo

EPPM-275-94

TO: Operations Manager

FROM: Exploration-Production Planning Manager

REF.: **GEOLOGIC PROGNOSIS - WELL Z-2B-21-005-D-LO6**

DATE: November 4, 1994

Enclosed please find the Geologic Prognosis of Well Z-2B-21-005-D-LO6 to be drilled in the Lobitos Offshore.

Please take note that this memorandum replaces our previous EPPM-249-94, dated October 17.

Any question, do not hesitate to contact us.


Alberto Anspe
Manager

HC/mts
Enc.

cc: Assistant General Manager
Assistant Operations Manager - Engineering
Assistant Operations Manager - Drilling
File

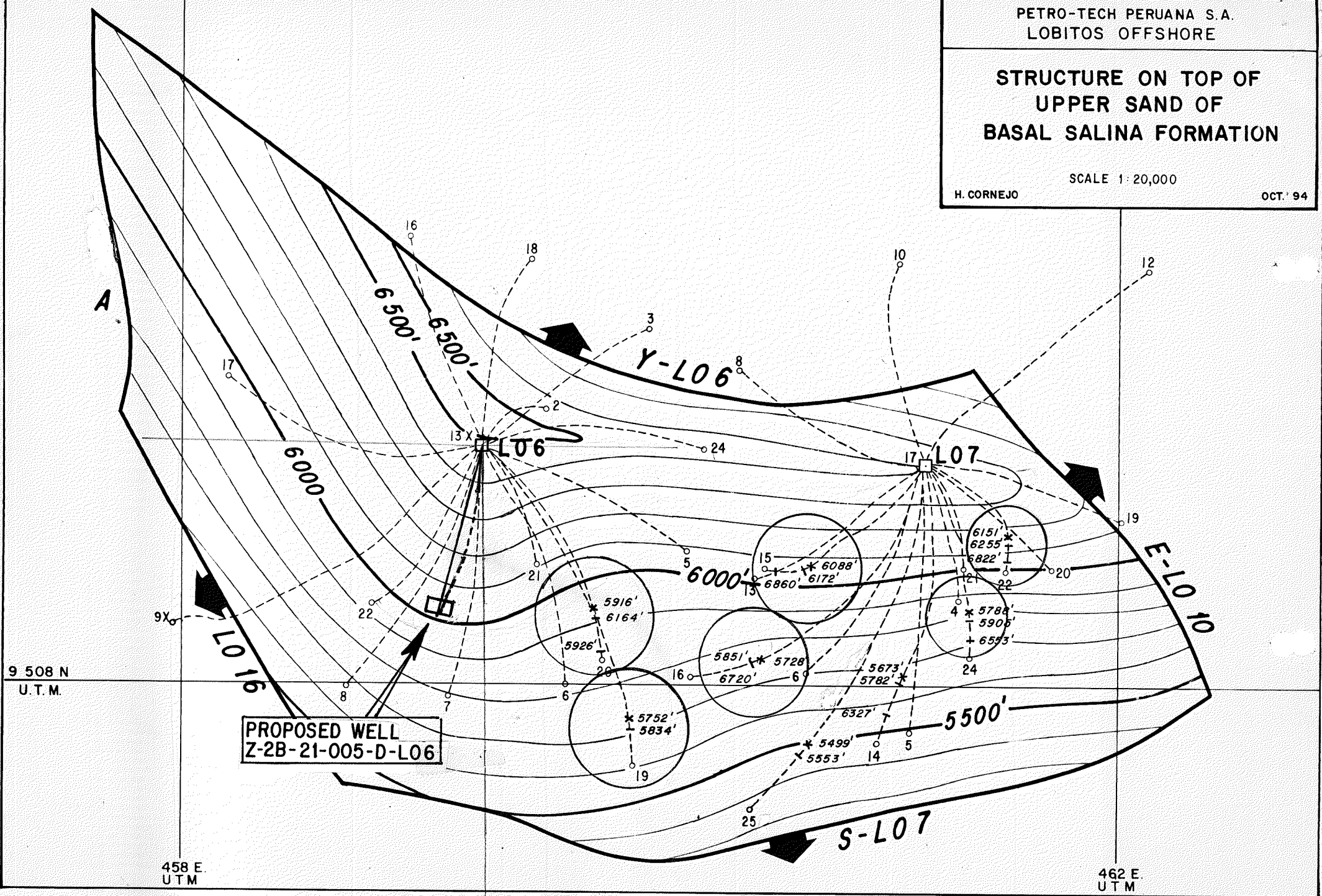
PETRO-TECH PERUANA S.A.				GEOLOGIC PROGNOSIS					
AREA LOBITOS OFFSHORE		OFFICIAL WELL NUMBER Z-2B-21005-D-LO6		PETRO-TECH N° LO6-		TYPE OF WELL DEVELOPMENT		RIG N° P40	
OBJECTIVE		PRIMARY: BASAL SALINA				SECONDARY: -----			
SURFACE COORDINATES (UTM) 9°509,026.77 mN 459,308.21 mE				TARGET COORDINATES (UTM) 9°508,360.00 mN; 459,120.00 mE					
E L E V A T I O N	KB: 50 FT.		DIRECTION OF DEVIATED WELL S 10 Degrees W		T A R G E T	DRILLED DEPTH: 6550 FT.		ESTIMATED FINAL DRILLED DEPTH: 7300 FT.	
	WATER DEPTH 335 FT.		(INITIAL) CONDUCTOR ANGLE FROM VERTICAL VERTICAL			VERTICAL DEPTH: 6100 FT.		HORIZONTAL DRIFT TO TOTAL DEPTH: 2450 FT.	
	GROUND LEVEL		RECOMMENDED DEPTH OF K.O.P. 1,000 FT.			HORIZONTAL DRIFT: 2200 FT.		MAX. ANGLE: 26°	
	ESTIMATED DRILLING TIME TO T. D. 55		BUILD UP ANGLE AT 3 Degrees/100 Ft.			TARGET LIMITS (DIAMETER): TOP: 400' BASE: 400'			
S T R A T I G R A P H I C S E Q U E N C E C O N T R O L L O G G I N G E V A L U A T I O N	FM/MEMBER		DRILLED TOP		SUBSEA TOP		OBSERVATIONS		
	TALARA		FROM SEA BOTTOM						
	CHACRA		2200		2050				
	RIO BRAVO		4200		3900				
	PALEGREDA		4800		4450				
	MOGOLLON		5400		5050				
	SAN CRISTOBAL		5800		5450				
	BASAL SALINA		6550		6050		OBJECTIVE		
	TD		7300		6750				
BIT SAMPLES TO BE TAKEN		EVERY 30 FT. FROM SURF. TO 3500' AND EVERY 10 FT. FROM 3500' TO TOTAL DEPTH				REMARKS			
RECOMMENDED FOR PALEO-PALYNOLOGY		THROUGHOUT THE WELL							
RECOMMENDED OPEN HOLE		DLL-MSFL-GR, SLD-CNL-GR							
RECOMMENDED AFTER CASING		GR-CCL							
NEARBY WELLS FOR CORRELATION		LO6-20, LO7-16, LO7-15, LO6-19							
SIDEWALL CORES		SWC HRCT							
CONVENTIONAL CORES		NOT CONSIDERED							
GAS LOGGER		NOT CONSIDERED							
FORMATION TESTING		NOT CONSIDERED							
RECOMMENDED BY:		DATE		APPROVED BY:					
H. CORNEJO		NOVEMBER 3, 1994		A. ARISPE		NOVEMBER 3, 1994			

STRUCTURE ON TOP OF
UPPER SAND OF
BASAL SALINA FORMATION

SCALE 1:20,000

H. CORNEJO

OCT. '94



S 

NOV. 94