

PETROTECH PERUANA S. A.

GEOLOGIC PROGNOSIS

AREA LOBITOS OFFSHORE	OFFICIAL WELL NUMBER Z-28-21-002-D-L06	PETROTECH NO. LOG-19	TYPE OF WELL DEVELOPMENT	RIG. NO. P-40
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OBJECTIVE	PRIMARY : BASAL SALINA	SECONDARY: _____
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SURFACE COORDINATES (UTM) 9'509,026.77 mN ; 459,308.21 mE	TARGET COORDINATES (UTM) 9'507,870.00 mN; 459,940.00 mE
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ELEVATION	KB : 50 FT.	DIRECTION OF DEVIATED WELL S 27° E	T A R G E T	DRILLED DEPTH : 7250 FT.	ESTIMATED FINAL DRILLED DEPTH : 8600 FT.
		(INITIAL) CONDUCTOR ANGLE FROM VERTICAL VERT.		VERTICAL DEPTH: 5550 FT.	HORIZONTAL DRIFT TO TOTAL DEPTH: 5250 FT.
	WATER DEPTH 335 FT.	RECOMMENDED DEPTH OF K.O.P. 500 FT		HORIZONTAL DRIFT: 4300 FT.	MAX. ANGLE : 45 °
	GROUND LEVEL --				

ESTIMATED DRILLING TIME TO T.D. 64 DAYS	BUILD UP ANGLE AT 3 ° PER 100 FT.
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S T R A T I G R A P H I C M E M B E R S	FM/MEMBER	DRILLED TOP	SUBSEA TOP	OBSERVATIONS
	TALARA	FROM SEA BOTTOM		
	CHACRA	2800'	2350'	
	RIO BRAVO	4350'	3450'	
	PALEGREDA	5250'	4100'	
	SAN CRISTOBAL	5800'	4500'	
	BASAL SALINA	7250'	5500'	OBJECTIVE
	BALCONES	8400'	6350'	
	TD	8600'	6500	

C O N T R O L	TARGET	TOP	LEFT 250 FT.	RIGHT 250 FT.	O B S E R V A T I O N S -----
	LIMITS	BASE	250 FT.	250 FT.	
	BIT SAMPLES TO BE TAKEN	EVERY 30 FT FROM SURF TO 4000' AND EVERY 10 FT FROM 4000' TO TOTAL DEPTH			

L O G G I N G	RECOMMENDED FOR PALEO-PALYNOLOGY	THROUGHOUT THE WELL
	RECOMMENDED OPEN HOLE	DLL-MSFL-GR, FDC-CML-GR
	RECOMMENDED AFTER CASING	GR-CCL

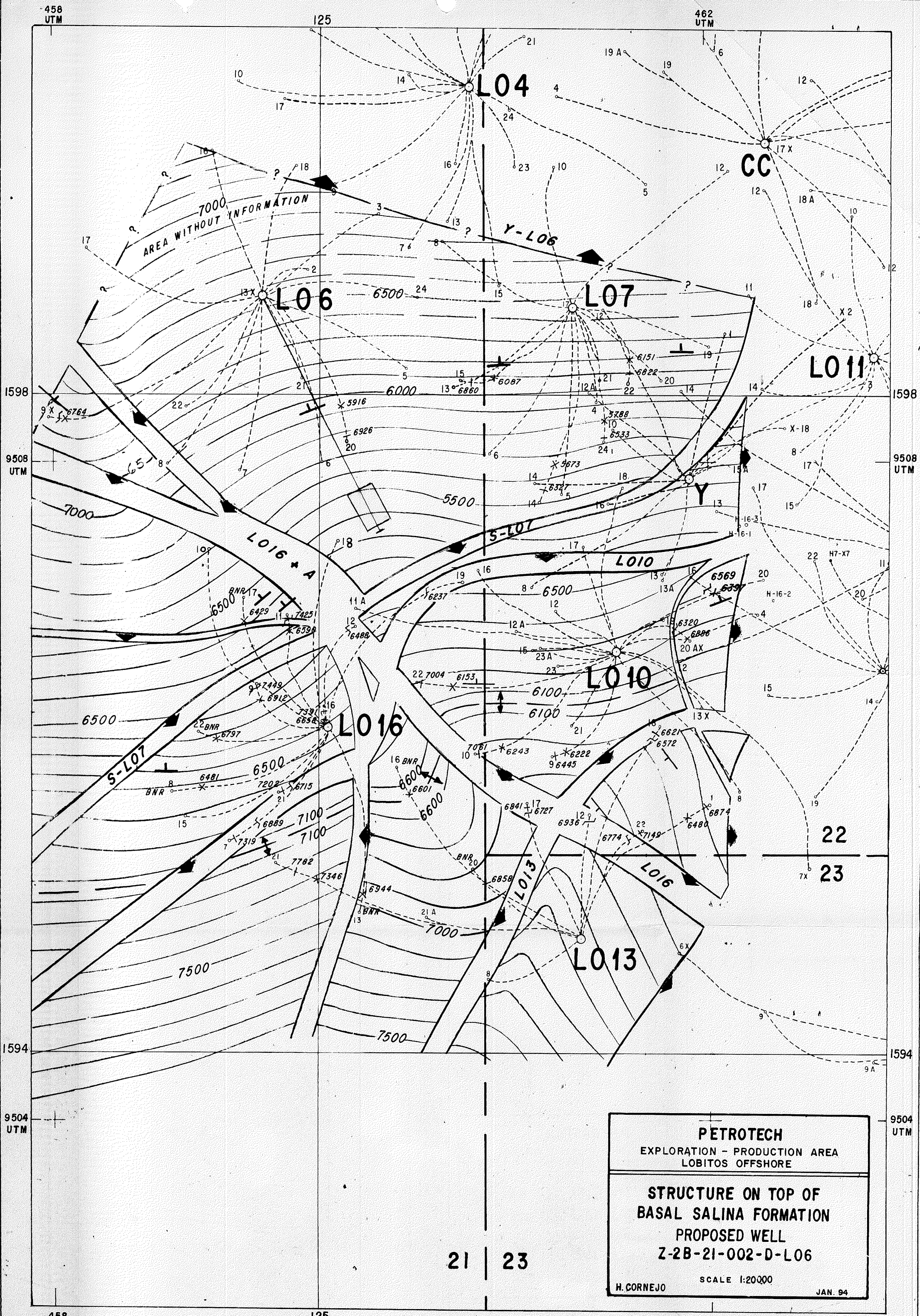
E V A L U A T I O N	NEARBY WELLS FOR CORRELATION	L07-14, L07-15, L07-22, L06-20
	SIDEWALL CORES	SWC ☐ HRCT ☐
	CONVENTIONAL CORES	NOT CONSIDERED

E V A L U A T I O N	GAS LOGGER	NOT CONSIDERED
	FORMATION TESTING	NOT CONSIDERED
	RECOMMEND BY:	DATE: JAN 19 1994

E V A L U A T I O N	APPROVED BY:	DATE:
	HUGO CORNEJO	JAN 21, 1994
	HECTOR CHANG	

E V A L U A T I O N	APPROVED BY:	DATE:
	ALBERTO ARISPE	

E V A L U A T I O N	APPROVED BY:	DATE:



Sea level

Sea bottom

L016

L06

T A L A R A

TALARA

CHACRA

CHACRA

PARIÑAS

PARIÑAS

PALEGREDA

PALEGREDA

PARIÑAS

MOG.

BRAVO

PALEGREDA

L010

MOGOLLON

PG.

(-5018)

(-4569)

(-5048)

SAN CRISTOBAL

PROPOSED WELL
Z2B-21-002-D-L06

S-L07

BASAL SALINA

SAN CRISTOBAL

BALCONES

BASAL SALINA

L016

12
(-7285)

20
(-7238)

16
(-7597)

BALCONES

8
(-7449)

13X
(-5905)

PETROTECH

EXPLORATION - PRODUCTION AREA
LOBITOS OFFSHORE

NW-SE STRUCTURAL SECTION
FOR PROPOSED WELL
Z-2B-21-002-D-L06

SCALE 1:10000

H. CORNEJO

JAN. 94