

<div><div>BELCO</div><div>GEOLOGIC PROGNOSIS</div></div>		DISTRIBUTION				
Lobitos Offshore AREA		Z2 A-21-626-D-L06 OFFICIAL WELL NUMBER	L06-2 BELCONº	TYPE OF WELL Development	RIG Nº III	
OBJECTIVE		PRIMARY: Rio Bravo Sds. SECONDARY: -----				
SURFACE COORDINATES				TARGET COORDINATES		
N 9'509,020.42 1'598,625.52 m, E 459,306.60 124,657.40 m				N 9'509,190 1'598,775 m, E 459,490 124,860 m		
ELEVATIONS	K. B. 50 FT.		DIRECTION OF DEVIATED WELL N 50 ° E		DRILLED DEPTH TO TARGET 3400 FT.	
	<input checked="" type="checkbox"/> WATER DEPTH		(INITIAL) CONDUCTOR ANGLE FROM VERTICAL 15 °		TRUE VERTICAL DEPTH TO TARGET 3300 FT.	
	<input type="checkbox"/> GROUND LEVEL 335 FT.		RECOMMENDED DEPTH OF K.O.P. 1000 FT.		EST. DEVIATION (MAX. ANGLE) 13 °	
ESTIMATED FINAL DRILLED DEPTH 5100 FT.		<del>XXXXXXXX</del> Drop off ° PER 100 FT. ANGLE AT.			HORIZONTAL DRIFT TO TARGET 770 FT.	
EST. DRILLING TIME TO T.D. 15 DAYS					HORIZONTAL DRIFT TO TOTAL DEPTH 1150 FT.	
EXPECTED STRATIGRAPHIC SEQUENCE	FORMATION / MEMBER		DRILLED TOP	SUBSEA TOP	OBSERVATIONS / POSSIBLE PROBLEMS	
	Talara		At Surface			
	Chacra		2450	2350		
	Rio Bravo top		3400	3250		
	Mid. Massive Sds.		3900	3750	Pay Zone	
	Rio Bravo Shly		5000	4850		
	TD		5100	4950		
CONTROL	TARGET LIMITS	TOP 150 BASE 200	LEFT 150 RIGHT 200	OBSERVATIONS		
	BIT SAMPLES TO BE TAKEN:	EVERY 30 FT. FROM SURF TO 3000 AND EVERY 10 FT. FROM 3000 TO TOTAL DEPTH				
	RECOMMEND. FOR PALEO-PALYNOLOGY	From 3000				
LOGGING	RECOMMENDED OPEN HOLE	IEL-GR				
	RECOMMENDED AFTER CASING	GR-CCL				
	NEARBY WELLS FOR CORRELATION	L06-3, L06-18, L06-13X, L06-24				
EVALUATION	SIDEWALL CORES	Not considered				
	CONVENTIONAL OR ♦ CORES	NONE				
	GAS LOGGER	NONE				
	FORMATION TESTING	NONE				
PREPARED BY: Mario Chávez C.		DATE		APPROVED	DATE	
May 3rd, 1985				<i>[Signature]</i>	May 3/85	

SW

LOG

N 50° E

NE

SEA LEVEL

0 FT.

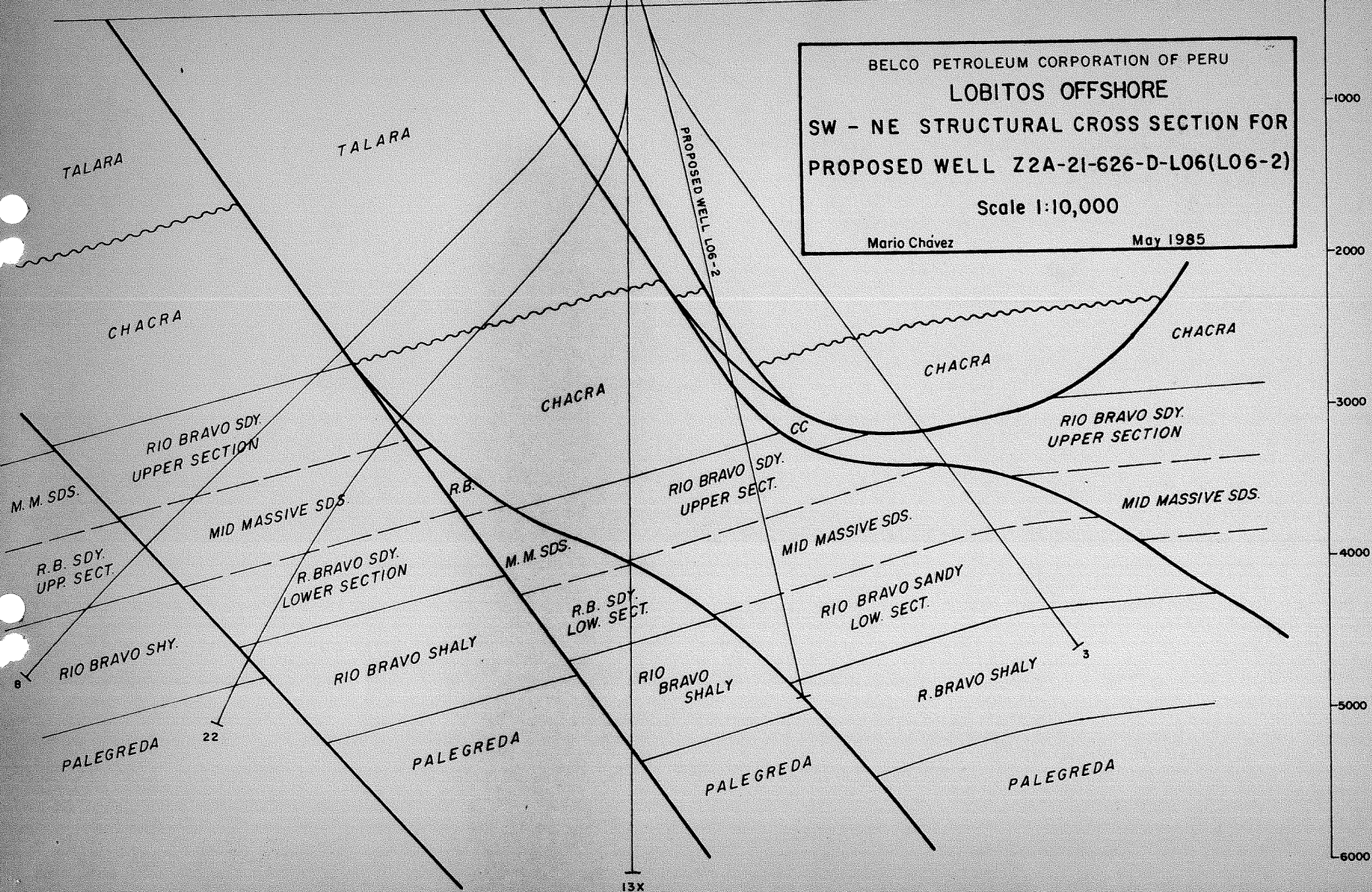
SEA BOTTOM

BELCO PETROLEUM CORPORATION OF PERU  
LOBITOS OFFSHORE  
SW - NE STRUCTURAL CROSS SECTION FOR  
PROPOSED WELL Z2A-21-626-D-LOG(LO6-2)

Scale 1:10,000

Mario Chávez

May 1985





PROPOSED WELL LOG-2

LOG

LOG 7

BELCO PETROLEUM CORP. OF PERU  
LOBITOS OFFSHORE  
STRUCTURE ON TOP OF  
RIO BRAVO

SCALE 1:10,000  
MARIO CHAVEZ MAY 1985

**BELCO PETROLEUM CORPORATION OF PERU**  
**M E M O R A N D U M**

A: Geology Manager

Fecha May 3rd, 1985

DE: Mario Chávez

Asunto PROPOSED WELL L06-2

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Reference location is offsetting wells L06-3 and L06-24 towards southwest and towards west-southwest respectively.

The L06-3 had an IPR of 1999 BOPD; still official production is not reported. The L06-24 had an IPR of 449 BOPD and accumulated 44303 BO in 222 days.

Conductor N°2 was suggested by Drilling Dpt. for drilling facilities.

The logging program and target limits are agree to the fuidlines for infill locations.



Mario Chávez C.

MCH/ghp.



**BELCO PETROLEUM CORPORATION OF PERU**  
**M E M O R A N D U M**

A: Geology Manager

Fecha May 3rd, 1985

DE: Chief Reservoir Engineer

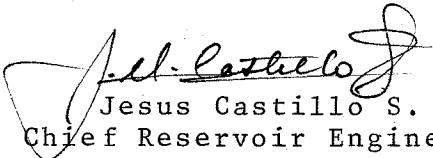
Asunto WELL L06-24 2

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This well has the purpose of getting at the main sands level in the same block from which wells L06-24 and 3 have proven good productivity. The reservoir is expected to extend to the west from L06-24 and 3 and if so a new location in the same block (one spacing away) from this well proposed would be made possible.

Logging program is limited to IES-GR log given the infill drilling nature of the well.

Reservoir concurs with the location as presented in the geological prognosis.

  
Jesus Castillo S.  
Chief Reservoir Engineer

JCS/ghp.