

Well 106-6
Block 22A Parcel 21
Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
				BELCO PETROLEUM CORP. OF PERU DPTO. TECNICO 29 MAR. 1985 RECIBIDO		
				Drilling spudded on February 21 st at 3 A.M.		
385'	630'	-	-	No samples (Lost returns.)		
at	630'	80	SS	gy sh wh, f. occ. md & crs grs, sbang, fr. sort, sl. drty, v. calc, mod hd occ. fri, abdt gn & occ fri grs incl, p. vis por.	NF	
		20	SH	lt brn, sbblky/blk, sft oec. mod frm, sbfis oec. fis, sl. calc, micromic, rug. tex Acc: v. rare calc.		
630	750	80	SS	gn' sh wh, f. occ. md & crs grs, sbang, fr. sort, sl. drty, v. calc, mod hd occ. fri, abdt. gn & occ. brn grs incl, p. vis por.	NF	
		20	SH	lt brn, brn, sbblky/blk, sft oec. mod frm, fis, sl. calc, micromic, rug. tex Acc: v. rare dol & calc.		
750	780	50	SS	gn' sh wh, f. oec. md grs, sbang, fr/wl. sort, sl. drty, v. calc, mod hd occ. fri, abdt gn & occ brn grs incl, p vis por.	N.F	
		50	SH	lt brn/brn, sbblky/blk, sft oec. mod frm, sbfis, sl. calc, micromic, rug. tex Acc: v. rare calc		

Prepared By A. GARRO E.

Date FEB. 23th, 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well LOG-6Block Z2AParcel 21Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
780	840	90	SH	lt brn/brn, sbblky/blk, sft, sbfis, sl. calc, micromic slty, rug. Tex.	N.F	
		10	SS	gn'sh wh' a.a. Acc: v. rare dol		
840	950	100	SH	lt brn, brn, sbblky/blk, sft, sbfis grad fis, sl. calc, micromic, rug. tex Acc: v. rare dol	N.F	
950	1080	100	SH	lt brn/brn a.a. Acc: v. rare dol	N.F	
1080	1180	90	SH	lt brn/brn, sbblky/blk, sft occ. mod frm, sbfis, sl. calc, micromic, rug. tex	N.F	
		10	SS	sl. gn'sh wh, f. occ. md grs, sbang/sbrndd, fr. srt, sl. drty, v. calc, mod hd, gn & brn grs incl. p. vis por. Acc: R- v. rare dol		
1180	1240	90	SH	lt brn, brn, sbblky/blk, sft, sbfis, v. sl. calc, micromic, slty, rug. tex.	N.F	
		10	sltst	brn, blk, sft, no calc. Acc: R. dol		
1240	1420	100	SH	lt brn, brn, sbblky/blk, sft occ. mod frm, sbfis occ fis, v. sl. calc, micromic, loc carb, rug. tex. Acc: R. dol, v. rare coal.	N.F	
420	1450	80	SH	lt brn, brn, sbblky/blk, sft occ. mod frm, sbfis occ grad fis, v. sl. calc, micromic, loc carb, rug. tex.	N.F	
		10	SS	gy'sh wh, f. occ. md grs, sbang/sbrndd, fr/w/ srt, drty, calc, mod hd grad. fri, gn grs incl. p. vis por.		
		10	SD	hial wh-m/ky wh gtz, 20% crs, 40% v. crs, 40% (gl), sbang/sbrn dd, p. srt, 30% gn, dk, brn grs loose		

Prepared By

A. GARDO E.

Date

FEB 24th, 1985

Well

206-6

Block

22A

Parcel

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Area

LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
1450	1480	90	SH	Acc: v. rare dol Lt brn / brn, sbblky / blk, sft & mod frm, sbfis / fis, v. sl. calc, slty, rug. tex.	N.F	
		10	SS	sl. gn'sh, f. occ. v. f. gr, sbang / sbrnda, fr. srt, drty, calc, mod. hd grad fri, gn grs incl, p. vis por.		
1480	1510	90	SH	Acc: v. rare dol lt br / brn a.a.	N.F	
		10	slst	brn, blk, sft, no calc.		
1510	1600	90	SH	Acc: v. rare dol Pred. Gy, Gy. brush in pt, sft, micromic in pt, occ micr. pyr diss, sb-plty.	N.F	
		10	slst	Lt Gy, wh - Gysh in pt, micr-mic sl micr-carb, ss/sdy,		
1600	1650	90	SH	Acc: Fr dol, Tr calc. Lt Gy, Gy, occ Gy. brush, sl Frw / sft, micr-mic, sl Frw in pt, smooth occ surf, v. plty.	N.F	
		10	slst	Gy, wh - Gysh in pt, Frw / sl hrd, w / coal mat. incl, rough on surf, sb-blky		
1650	1700	90	SH	Lt Gy, Gy, occ Gy. brush, sl micromic, occ micr-carb diss, non calc, sb-plty.	N.F	
		10	slst	Wh - Gysh, Lt Gy, Frw / sl rai, sl micr-carb diss, non / v. calc in pt, VF grs, grdg to ss, w/calc incl, blk		
				Acc: Fr dol, Tr calc, Tr Pyr.		

Prepared By

A. GARRO / R. MORANTE

Date

FEBRUARY 27th, 1985

Well 106-6
Block ZRA Parcel 21
Area 108170S OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
1700	1760	100	SH	Brn, Lt brn, v. sft / sft, sl micr-carb diss, mass in pt, v. smooth on surf sl calc, sb-bkly Ace: Fr calc, Tr ool.	N.F	
1760	1800	100	SH	Brn, Lt brn, sft, sl micr-carb diss, non/calc in pt, v. smooth on surf, blkly. Ace: Fr Ool. Tr Calc.	N.F	
1800	1880	100	SH	Brn, sft/sl frm, sl micr-carb diss, v. occ micr-pyr diss, sl calc in pt, mass, sl blkly/blkly Ace: Fr Ool, Fr Calc.	N.F	
1880	1950	100	SH	Pied-Brn, Lt brn in pt, sft / ool sl frm, v. occ micr-pyr diss, sl calc, smooth on surf. Ace: Fr Ool, Fr Calc.	N.F	
1950	2000	100	SH	Brn, Lt brn sh, sft, mass, Sb-bkly Ace: Fr Ool, Tr Calc.	N.F	
2000	2040	100	SH	Lt brn, Brn, sft, micr-mic, sl calc in pt, mass, mod micr-pyr diss blkly. Ace: Abnt Calc, Fr Ool, Tr Coal.	N.F	
2040	2060	80	SH	6y, 6y-brn sh, sft, sl micr-carb diss, occ micr-mic, non calc, sb-pty/sb-bky.	N.F	
TOPTEREBRATULA FN @ 2040'		20	SS	Wh ysh, wh-6y sh in pt, Qtz grs, VF 50%, F 50% v.p. vis por, p. srt, w/DK minr/linels, calc cmt, slty/shly mtx, drty, hard Ace: Fr Ool, Tr Calc, Tr Pyr.		

Prepared By R. NORANTE

Date FEBRUARY 28th, 1985

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well 206-6

Block 22A

Parcel 21

Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
2060	2080	60	SH	Gy, Gy-brn sh in pt, Frm/sft in pt, oec sl/micr-pyr diss, sl calc/non calc, mass v. smooth on surf, sb-blky/blky.	N.F	
		40	SS	Why sh, Qtz gr, VF 40%, F 40%, M 20% grs w/ DK mnrls incl, v.p. vis por, p sort calc cmt, shly mtx, drty, sl hrd. Acc: Fr Dol, Fr Calc, Tr Pyr.		
080	2100	70	SH	Gy, Gy-brn sh, sft/sl firm, sl micr-carb, mod micr-pyr diss, non calc, sl calc/non calc, sb-plty.	N.F	
		10	slst	Wh-Gy sh, firm, micr-carb diss, sl micr-pyr diss, calc, rough on surf, blky.		
		20	SS	Wh sh, wh-Gy, Qtz gr, same as above Acc: Fr Dol, Tr Calc, Tr Pyr.		
100	2140	30	SH	Gy-brush, Gy, sl firm/sft, micr-carb diss, sb-blky.	N.F	
		70	SS	Why-Yel sh, Yel sh in pt, Qtz grs, VF 30%, F 40%, M 30% grs, v.p. vis por, p. sort, abn t calc cmt, sl mtx, TT, drty, hrd. Acc: Fr Shell frags, Fr Calc, Pyr.		
2140	2180	70	SH	Gy, Gy-brn sh, sft/sl firm, micr-carb diss, sl micr-pyr diss, non calc, sb-blky	N.F	
		30	SS	Why sh, Qtz grs, oec Yel sh, VF 30%, F 40%, M 30% grs, v.p. vis por, p. sort, calc. cmt, drty, TT, w/DK Acc: Fr Dol, Tr Calc, Tr Pyr		

Prepared By

R. MORANRE

Date

MARCH 1st 1985

Well 206-6
Block Z2A Parcel 21
Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
2180	2220	60	SH	Lt brn, Gy-brnsh, sft/sl frm, mic-carb diss, sl calc/non calc, blk.	N.F	
		10	slst	Wh-yelsh, frm, VF grs, Grdg to ss, rough on surf, w/mica incls, blk.		
		30	SS	Wh y sh, htz grs, VF 30%, F 40%, M 30% grs, v.p. vis por, p. srt, calc cmt, drty, w/pyr incls, sl hrd. Acc: Tr Dol, Fr Calc		
220	2300	70	SH	Brn, Lt brn, sft/v. sft, sl mic-carb diss, mass, sb-blky/blk.	N.F	
		10	slst	Lt Gy, frm, mic-mie, w/coa/ mat mals, calc, rough on surf, blk.		
		20	SS	Wh-yelsh, Wh y sh, Qtz grs, VF 30%, F 30%, M 40% grs, v. abnt calc cmt, v.p vis por, w/dk mnrls incls, sl hrd. Acc. Abnt Dol, Tr Calc, Tr Pyr.		
300	2340	60	SH	Lt brn, brn, sft/sl frm, sl mic-carb. diss, non calc/sl calc in pt, v. smooth on surf, sb-pty/blk.	N.F	
		20	slst	Lt Gy, wh-yelsh, frm, mic-carb diss in pt, v. calc, VF grs, Grdg to ss blk.		
		20	SS	Wh-yelsh, wh y sh, Qtz grs, as above Acc: Abnt Dol, Fr calc, Tr Pyr.		
340	2400	80	SH	Lt brn, brn, sft, mic-carb, sl calc, sb+blk.	N.F	
		10	slst	Wh-Gy sh, frm, mic-carb, calc roughs, blk.		
		10	SS	Wh y sh, wh-yelsh, Qtz grs, VF 30%, F 40%, M 30% A/A Acc: Abnt Dol, Fr calc, Tr Pyr.		

Prepared By R. HORRIGT

Date March 2nd, 1985

Well LOB-6
Block Z2A Parcel 21
Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
2400	2460	70	SH	Lt Gy, Gy, ocr Gy-brnsh, sxt / sl fri, micr. mic, sl auct. carb diss, non col, sb. fis, mod. smooth on surf.	N.F	
		20	slst	Lt Gy, wh. Cysls in pt, fri / ocr fri, VF gr, carb to ss, w/ DK grs incls, sl rough on surf, blk.		
		10	SS	wh. yelsh, wh. sh, ocr grs, VF 40%, F 40%, M 20% grs, v.p. vis por, p. sxt, col auct, sl. auct, sl. sh, sl. hrd.		
				Acc: Fr Del, Tr Cole, Tr Pyr.		
2460	2520	80	SH	Gy, Lt brn, sxt, micr. mic, sl auct. carb diss, sl col / non col, sb. blk.	N.F	
		20	slst	wh. sh, Lt Gy, fri / sl fri, micr. mic, sl auct. carb in pt, sb. blk.		
				Acc: Fr Del, Tr Cole.		
2520	2570	90	SH	Lt Gy, Gy, fri / sxt micr. mic, sl auct. carb diss, non col, sb. blk / plty.	N.F	
		10	slst	wh. Cysls. Lt Gy, fri, micr. mic, sl col / col, rough on surf, blk.		
				Acc: Fr Del, Tr Cole, Microfoss.		
2570	2640	100	SH	Gy, Gy-brnsh, sxt micr. mic, sl auct. carb diss, non col, sb. plty / sb. blk.	N.F	
				Acc: About Del, Tr Cole.		
2640	2700	90	SH	Gy-brnsh, Gy, sxt, micr. mic, ocr micr. pyr diss, non col, sb. plty / sb. blk.	N.F	
		10	slst	wh. Cysls, Lt Gy, fri / sl fri, micr. carb diss, blk. Acc: Fr Del, Tr Cole.		

Prepared By R. MORANTE

Date March 3rd 1985

Well LOG-6
Block Z2A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
2700	2760	90	SH	Gy, Lt Gy, Gy-brnsh in pt, spt/sl rim, slower carb diss, v. occ mic-pyr diss in pt, smooth on surf, sb-plty.	N.F.	
		10	slst	Wh-Gysl, Lt Gy, rim/sl rim, VF gas, brnsh to ss, rough on surf, cole, blk.		
				Acc: About Dol, Fr Cole.		
2760	2800	70	SH	Gy, Gy-brnsh, spt/sl rim, mic-carb diss, slower-pyr diss, non cole, blk.	-5%	wh dull fluor p. cut.
		10	slst	Wh-Gysl, Lt Gy, rim/sl rim, mod. mic carb diss, mic-calc, cole, sb-blk.		
		20	SS	Wh-yelsh, Wh-Gysl, Atz gas, VF 40% F 40%, M 20% gas, v.p. vis per, p. srt, Cole cut, w/DK mntls incl, sl mod.		
				Acc: Fr Dol, Fr Cole, Tr Pyr.		
2800	2820	70	SH	Lt Gy, Gy, Gy-brnsh, spt/sl rim, mic-carb, sl mic-urea, non cole, sb-ris / mass in pt, blk / sb-plty.	-5%	B/A.
		20	slst	Wh-Gysl, Lt Gy, rim, mic-carb, cole, rough on surf, sb-blk / blk.		
		10	SS	Wh-Gysl, Wh-yelsh, Atz gas, continue s/p.		
				Acc: About Dol, Fr Cole, Tr Pyr.		
2820	2880	70	SH	Lt Gy, Gy, Gy-brnsh, spt, slower-carb diss, non cole, sb-ris, sb-plty.	N.F.	
		20	slst	Wh-Gysl, Lt Gy, rim, mic-carb diss, sl mic-urea, rough on surf, blk.		
		10	SS	Wh-yelsh, Wh-Gysl in pt, Atz gas, VF 40% F 40%, M 20% gas, v.p. vis per, p. srt, Cole cut, sl mod.		
				Acc: Fr Dol, Tr Cole.		

Prepared By R. MORANITE

Date March 3rd, 1985.

Well LO6-6
Block Z2A Parcel 21
Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor.	Color And Cut of Fluor.
2880	2920	80	SH	Lt Cy, Cy, slt crs/srt, mod. micr. mic on micr-carb diss, non calc, sb. platy 20 s/slt Lt Cy, wh. Cy sh, crs, micr. mic, sl micr-carb diss, rough on surf, calc blky/sb-blky. Acc: Fr Dol, Tr Cole, Tr Pyr.	N.F	
2920	2960	80	SH	Lt Cy, Cy, srt, micr. mic, sl micr carb diss, non calc, sb. platy/sb-platy. 10 s/slt Lt Cy, crs, micr-carb diss, VF gas, grade to ss, rough on surf, calc, sb-blky. 10 ss wh. Cy sh, whysl, Qtz gas, VF 40%, F 40%, M 20% gas, o.p. vis por calc cut, dety, TT, w/mica incls, sl mod Acc: Fr Dol, Tr Cole, Tr Pyr.	-5%	whysl duty fluor p. cut.
2960	3000	70	SH	Lt Cy, Cy, srt/v. srt, sl micr. mic, mod. micr. carb diss, non calc, blky. 20 s/slt wh. Cy sh, Lt Cy, crs, VF gas, grade to ss, sl micr. carb diss, sb-blky. 10 ss whysl, wh. Cy sh, Qtz gas, or shoss. Acc: Fr Dol, Tr Cole, Tr Pyr.	-5%	A/A.
3000	3020	70	SH	Cy, Lt Cy, srt/slt crs, mod. micr. mic non calc, mod. smooth on surf, platy sb-blky. 30 s/slt Lt Cy, whysl, Qtz gas, VF 50%, grade to ss, rough on surf, w/DK mica ls incls, blky. Acc: Fr Dol, Tr Cole.	N.F	

Prepared By K. MORANTE

Date March 3rd, 1985

Well LO6-6
Block 22A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3020	3050	70	SH	Lt Gy, Gy, sst, sluvic-carb diss, micr-uvic, non calc, sb-ris, sb-bkly/ply.	-5x	yel gold dull fines p. cut.
		20	S/sst	Wli-Gysli, Lt Gy, rim, VF gas, bds to ss, a/Coal lens in bed, dirty, sb-bkly.		
		10	SS	Wli-Gysli, Wlysl, Ote gas, VF 40%, F40%, M 20%, gas, v.p. vis per, p. sat, calc ant, dirty, sl brd.		
				Acc: Fr Dal, Tr Calc, Tr Coal lens.		
3050	3080	70	SH	Lt Gy, Gy, sst/v. sst, micr-uvic, v. micr carb diss, sb-ris, non calc, sb-bkly.	5x	wh yels b dull fines p. cut.
		10	S/sst	Wli-Gysli, Lt Gy, rim, micr-carb diss VF gas, bds to ss, rough on surf, bkly.		
		20	SS	Wli-Gysli, Ote gas, VF 40%, F 30%, M 30%, gas, v.p. vis per, p. sat, w/uvic of coal incls, calc ant, dirty, sl brd.		
				Acc: Fr Dal, Tr Calc, Tr Pyr.		
3080	3120	70	SH	Lt Gy, sst/sst rim, sluvic-uvic, or avic carb diss, non calc, sb-bkly.	-5x	N/A.
		20	S/sst	Lt Gy, Wli-Gysli in pt, rim/sst rim, VF gas, bds to ss, rough, dirty, bkly.		
		10	SS	Wli-Gysli, Wlysl, Ote gas, VF 30%, F 50%, M 20%, gas, v.p. vis per, p. sat, calc ant, sl brd.		
				Acc: Abut Dal, Tr Calc, Tr Pyr.		
3120	3160	80	SH	Lt Gy, Gy, sst/sst, sluvic-carb diss, sl uvic-uvic, non calc, sb-bkly/ply.	N.F	
		20	S/sst	Wli-Gysli, rim, VF gas, bds to ss, calc rough on surf, bkly.		
				Acc: Fr Dal, Tr Calc, Tr Pyr.		

Prepared By R. MORANTE

Date March 3rd, 1985.

BELCO PETROLEUM CORPORATION OF PERU

(SUCURSAL DEL PERU)

PAGE No. 11

Well

LOG-6

Block

L2A

Parcel

21

Area

LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3160	3200	80	SH	Lt Gy, Gy, sst/v.sst, sl micr-carb diss, micr-pyr diss, non calc, blkgy.	-5%	wh yelb to dull fluv p. cut.
		10	slst	Wli-Gy sh, Lt Gy, fms, micr-carb diss, calc/v. calc, dirty, micr incls, blkgy.		
		10	SS	Wli-Gy sh, Arto ges, VF 50%, F 50% ges, v.p. vis por, p. sst, calc cut, sl fri.		
				Acc: Fr Dal, Tr Calc.		
3200	3260	80	SH	Lt Gy, Gy, sst/v.sst, micr-mic, sl micr-carb diss, non calc, sb-blkgy.	N.F.	
		20	slst	Wli-Gy sh, fms/sst, VF ges, end to SS, rough on surf, calc, blkgy.		
				Acc: Fr Dal, Tr Calc, Tr Pyr.		
3260	3300	80	SH	Pred. Lt Gy, Gy, sst, Gy-brush in pt, micr mic, ore micr-carb diss, non calc, blkgy.	-5%	wh yelb to dull fluv p. cut.
		10	slst	Wli-Gy sh, Lt Gy, fms, VF ges, end to SS, rough on surf, calc, sb-blkgy/blkgy.		
		10	SS	Wly sh, Wli-Gy sh, Arto ges, VF ges, v.p. vis por, p. sst, calc cut, dirty, sl ind.		
				Acc: Fr Dal, Tr Calc.		
3300	3330	70	SH	Lt Gy, Gy, sst/v.sst, micr-mic, sl micr-carb diss, non calc, rough in pt, blkgy.	-5%	A/A.
		20	slst	Lt Gy, Wli-Gy sh in pt, fms sl ind, mic mic, sl micr-carb diss, calc, blkgy.		
		10	SS	Wly sh, Wli-Gy sh, Arto ges, VF 60% F 40% ges, v.p. vis por, p. sst, calc cut, slgy wtx, dirty, hrd.		
				Acc: Fr Dal, Tr Calc.		

Prepared By

R. MORANTE

Date

March 3rd, 1985.

Well LOG-6
Block 22A Parcel 21
Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3330	3360	90	SH	Coy-brush. Coy, sct/sl km, uncr-unc, N.F. slavcr-carb diss, non calc, sb-bkly.		
		10	5/ST	Wh-Coy sh, Lt Coy, km/sl km, VF ges, bide to ss, rough on surk, calc, bkly. Acc: Tr Dol, Tr Calc, Coal lam.		
3360	3400	80	SH	Lt Coy, Coy, Coy-brush. rupt, sct/v.sct, uncr-unc, uncr-carb diss, smooth on surk, sb-bkly.	-5x	wh yellow dull Fluor p. cut.
		10	5/ST	Wh-Coy sh, Lt Coy, km, VF ges, bide to ss, uncr-unc, calc, w/coal mat incl, bkly.		
		10	SS	Wh-Coy sh, whysl, At ges, VF 50% F, 50% ges, v.p. vis per, p. sct, calc mat, slmd.		
				Acc: Tr Dol, Tr Calc.		
3400	3440	80	SH	Pred. Coy-brush. Coy, sct/v.sct, uncr-carb diss, slavcr-unc, sb-kis, v. acc uncr-pyr diss, non calc, sb-bkly/bkly.	-5x	A/a.
		10	5/ST	Lt Coy, Wh-Coy sh, km/sl km, VF ges, bide to ss, slavcr-carb diss, bkly.		
		10	SS	Wh-Coy sh, whysl, At ges, ss above.		
				Acc: Tr Dol, Tr Calc, Tr Pyr.		
3440	3480	80	SH	Pred. Lt Coy, Coy, sct, slavcr-carb diss, N.F. slavcr-unc, non calc, sb-bkly.		
		20	5/ST	Lt Coy, Wh-Coy sh, km/sl km, uncr-carb diss, rough on surk, bkly, acc bide to ss.		
				Acc: Tr Dol, Tr Calc, Tr Pyr, uncr-unc.		

Prepared By R. MORANTE

Date March 4th, 1985.

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well 206-6
Block 22A Parcel 21
Area 20 BITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3480	3520	90	SH	Cay, Lt Cay in pt, Cay-brush, sxt, mod micr-carb diss, w/Coal lams in 60, sl sdy in pt, non calc, sb-bkly.	N.F	
		10	S/S	Lt Cay, wh-Cayls in pt, fmpsl rsi, mic micr, sl micr-carb diss, calc, rough on surf, blkly/sb-bkly. Acc: About Dol, Tr Calc.		
3520	3580	70	SH	Pred. Lt Cay, Cay, sxt/sl fcr, mic micr.	N.F	
		30	S/S	sl micr-carb diss, non calc, sb-bkly. wh-Cayls, Lt Cay, fcr/sl fcr, VF ges, 60 to ss, calc, rough on surf, blkly. Acc: Fr Dol, Tr Calc, Tr Pyr.		
3580	3620	70	SH	Cay-brush, Lt Cay, sxt/sl fcr, sl micr-carb diss, scale/por calc, sb-bkly.	-5%	whysls 6 dull clear p. art.
		20	S/S	wh-Cayls, Lt Cay, fcr/sl fcr in pt, sl micr mic, VF ges, ends to ss, continue 2/2.		
		10	SS	wh-Cayls, wh-yells in pt, Qtz ges, VF 30%, F 50%, M 20% ges, v.p. vis por, p. sxt, sbut calc cut, sly wtx, dty, lrd. Acc: Fr Dol, Tr Calc, Tr Pyr slr.		
3620	3650	60	SH	Lt Cay, Cay, sxt, same as above.	-5%	A/A.
		20	S/S	wh-Cayls, fcr/sl lrd, VF ges, ends to ss rough on surf, v. calc, w/DK wnts in 60		
		20	SS	whysls, wh-Cayls, Qtz ges, VF 50%, F 50% ges, v.p. vis por, p. sxt, sbut calc cut, dty, sly wtx, lrd. Acc: About Dol, Fr Calc.		

Prepared By R. MORANTE Date March 4th, 1985.

Well 206-6

Block 72A Parcel 21

Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3650	3690	70	SH	Lt Coy, Coy, Coy-brush, srt, uncr. carb diss, sl uncr. uncr. sl calc/unc calc, rough on surf, blkky.	-5%	wh yels h Fluor p. cut.
		20	S/S	Lt Coy, wh-Coy sls, kmu, VF gas, ends to ss, calc, rough on surf, blkky.		
		10	SS	wh-Coy sls, wh-Coy sls in pt, Ote gas, VF 50%, F 50% gas, v.p. vis por, p. srt, calc cut, dty, ind.		
3690	3720	70	SH	Acc: About Dal, Tr Calc Coy, Coy-brush, kmu/sl srt, sl uncr. carb diss uncr. por diss sl calc, sb-blkky.	N.F	
		20	S/S	Lt Coy, wh-Coy sls, kmu/sl ind, blkky.		
		10	SS	wh-Coy sls, wh-yels in pt, Ote gas, VF gas, uncr. ly, p.p. vis por, p. srt, calc cut, dty, v. ind.		
				Acc: Fr Dal, Fr Calc, Tr Pyr.		
3720	3760	70	SH	Coy, Coy-brush, srt, sl uncr. carb diss, sl uncr. uncr, uncr calc, sb-blkky/blkky.	N.F	
		30	S/S	Lt Coy, wh-Coy sls, kmu, VF gas, ends to ss.		
				Acc: About Dal, Tr Calc.		
3760	3790	70	SH	Coy, Coy-brush, Lt Coy in pt, kmu/srt, sl uncr. carb diss, sub-ris, sp/ty/plty.	N.F	
		30	S/S	wh-Coy sls, kmu/sl ind, VF gas, ends to ss, blkky.		
				Acc: Fr Dal, Tr Calc, Tr Pyr.		
3790	3860	70	SH	Pred. Coy, Coy-brush, srt, uncr. carb, blkky.	N.F	
		20	S/S	Lt Coy, kmu/sl in pt, w/coal most incls.		
		10	SS	wh-Coy sls, wh-yels in pt, Ote gas, VF gas uncr. ly, v.p. vis por, calc cut, dty, ind.		
				Acc: Fr Dal, Tr Calc.		

Prepared By R. MORANTE

Date March 4th, 1985

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well LOG-6
Block Z2A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3860	3920	80	SH	Pred. Cg - brush, Cg, srt/sl km, sl micr. carb diss, ocr micr. micr, ucr calc/sl calc sb-ris in pt, suncr on surr, sb-plt.	N.F	
		20	slst	Wh. Cg sl, km; sl micr. micr, VF gas. Grds to ss, rough on surr, calc, blk.		
				Acc: Abut Del, Tr Calc, Tr Pyr.		
3920	3950	70	SH	Cg - brush, Cg, srt/sl km, micr. micr in pt, sl micr. carb diss, sl calc in pt, ocr sdy, sb-blk/blk.	N.F	
		20	slst	Wh. Cg sl, Lt Cg, sl km/km, VF gas, Grds to ss, w/DK unstr incls, v. calc, blk.		
		10	SS	A/A. Acc: Tr Del, Tr Calc, Tr Pyr. ab.		
3950	3970	70	SH	Cg - brush, Cg, srt/sl km, sl micr. carb diss, sl rough on surr, sb-blk/blk.	N.F	
		20	slst	Lt Cg, Wh. Cg sl, km/sl ind, mod. micr carb diss, v. calc, rough on surr, blk.		
		10	SS	Wh. Cg sl, Wh. yels to in pt, Lt gas, VF gas mostly, v.p. vis per, p. srt, TT, calc aut, slg intx, dty, sl ind.		
				Acc: Tr Del, Tr Calc.		
3970	4010	80	SH	Cg, Lt Cg, ocr Cg - brush, srt/sl km in pt, sl micr. carb diss, sl/uac calc, sb-ris, sl rough on surr, sl sdy in pt, blk.	N.F	
		20	slst	Wh. Cg sl, Lt Cg, km/sl ind, VF gas, Grds to ss, v. calc, rough on surr, blk.		
				Acc: Tr Del, Tr Calc, Tr Pyr, Coal lens.		

Prepared By R. MORALES

Date March 5th, 1985.

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well LOG-6Block Z2A Parcel 21Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4010	4040	80	SH	Gy. Gy brnish in pt, sl micr mica-occ micr mica, micr carb, nae calc, sl frn, sb plty, w/occ pyr diss incl.	NF	
		10	slst	lt gyish, sl micr mica, micr carb in pt-occ abut carb, calc med sft, gr VF grad to ss		
		10	SS	wh gyish, VF to F sbang, calc cut, p vis por, p srt'd, med fri, slty, dty in pt, shy utx in pt.		
4040	4060	70	SH	Acc: del. cal., carb, shell frag, micr fossil, occ pyr. Gy, oee brnsh, same as above, slty in pt.	NF	
		20	slst	lt gyish, gyish, micr carb in pt, calc cut, grad to ss, w/occ pyr diss incl.		
		10	SS	same as above.		
4060	4070	70	SH	Acc: del. cal. shell frag, pyr. glauc. Gy, oee brnsh, sl micr carb, nae calc, med fri, sb plty, slty in pt, w/occ pyr diss incl.	sltr	yel med bri fluor, slow cut.
		10	slst	same as above		
		10	SS	wh gyish, VF to F sbang, calc cut, p vis por, shy utx, p srt'd, med fri, slty, dty in pt, w/occ carb & mica incl.		
		10	SD	wh, ly, oee dk gr, F 40% M 30% K 30% oee cr, sbang, p srt'd, qtz grains. Acc: del. cal. carb, glauc, pyr.		
4070	4080	60	SH	same as above	tr	yel med bri fluor, slow strong cut (in resid ring).
		10	slst	lt gyish, sl micr carb, calc, med sft, grad to ss, w/occ pyr diss incl.		
		10	SS	wh gyish, med VF to F oee M, sbang, calc cut, shy utx in pt, p fr vis por, p srt'd, med fri, slty in pt.		
		20	SD	wh, ly, oee dk gr, med gr F, sbang, p-med srt'd, qtz grains. Acc: del. cal. pyr.		
4080	4090	70	SH	same as above	sltr	ala.
		10	slst	same as above		
		10	SS	wh gyish, VF to F sbang, calc cut, shy utx in pt, p por, p srt'd, med fri, dty in pt, slty in pt, w/occ carb incl.		
		10	SD	wh, ly, oee dk gr, med gr F, sbang, p-med srt'd.		

Prepared By J. CancheDate March 5th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well LOG-6Block 22A Parcel 21Area LOBIKOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4090	4120	70	SH	Gy. sl Gybrush, micr mica in pt, sl micr carb, med calc, med frn, sb plty-sb blk, slty in pt, w/occ pyr diss inel.	NF	
		20	slst	Lt gy'sh, gy'sh, micr carb, calc, med frn, grad to ss, ooc abut carb in lam.		
		10	SS	wh gy'sh, VF to F, sbang, cal cut, shly mtr, p por, p srt'd, med frn, slty in pt, slty, w/occ carb & mica Acc: dol, carb, cal.		
4120	4170	60	SH	Gy, Gybrush in pt, sl micr mica, micr carb in pt, ooc calc, med frn, sb plty-sb blk, slty in pt.	NF	
		30	slst	Lt gy'sh, gy'sh, sl micr mica, micr carb, calc, med frn, grad to ss in pt.		
		10	SS	same as above Acc: dol, cal.		
4170	4210	80	SH	Gy, sl brush in pt, sl micr mica, micr carb in pt, sl calc in pt, med frn, sb blk, slty in pt.	NF	
		20	slst	Lt gy'sh, sl micr mica, sl micr carb, calc, med oft, grad to ss in pt. Acc: dol, cal.		
4210	4230	70	SH	Same as above	NF	
		30	slst	Lt gy'sh, sl micr mica, sl micr carb ooc abut carb, calc, med oft-med frn in pt. Acc: dol, cal.		
4230	4250	80	SH	Gy, ooc brush, sl micr mica, sl micr carb - ooc carb in lam, sl calc in pt, med frn, sb blk - sb plty, slty in pt.	NF	
		20	slst	Lt gy'sh, gy'sh, sl micr mica, micr carb - abut carb in pt, calc, med oft-med frn in pt, grad to ss in pt. Acc: dol, cal, carb.		
4250	4260	90	SH	Gy, Gybrush in pt, sl micr carb, calc in pt, med frn frn in pt, blk - sb plty, ooc slty.	NF	
		10	slst	same as above Acc: dol, cal, bent.		
4260	4280	80	SH	same as above w/occ pyr diss inel.	NF	
		20	slst	Lt gy'sh, ooc micr mica, micr carb, calc, med frn, gr VF grad to ss, w/occ pyr diss inel. Acc: dol, cal		

Prepared By

D. Couche

Date

March 5th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)

Well LOG-6

Block 32A

Parcel 21

Area Lobitos OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Floor	Color And Cut of Floor
280	4300	90	SH	Gy, Ltgy, ool brush, sl micr carb, ool calc, med frm, sb blk - ob plty, ool slty	NF	
		10	slst	Ltgyish, gyish, sl micr mica, micr carb - ool abut carb calc, med frm. Aci: del. cal.		
300	4320	80	SH	Gy, Ltgy, ool brush, sl micr mica, sl micr carb, ool sl calc, med frm, sb blk - ob plty, slty in pt.	NF	
		20	slst	Ltgyish, gyish, same as above Aci: del. cal		
320	4350	80	SH	same as above w/ ool pyr incl.	NF	
		10	slst	same as above, earthy in pt.		
		10	SS	wh-ulgish, med gr VF to F, obang, cal cut, puis por, p srt, med fri - shd, dty in pt, slty in pt, slty wtx in pt, v ool w/ carb: mica incl. Aci: del. cal, ool pyr		
350	4380	90	SH	Brush, gy in pt, ool micr mica, micr carb, calc in pt, med frm, sb blk, slty in pt, w/ ool pyr incl.	NF	
		10	slst	Ltgyish, sl micr mica, micr carb, calc, med sft, gr VF grad to SS Aci: del. cal. carb, glauc.		
380	4400	80	SH	same as above	NF	
		10	slst	Ltgyish, sl micr mica, sl micr carb - micr carb in pt, calc, med sft - med frm in pt, gr VF grad to SS		
		10	SS	whgyish, med VF to F ool, obang, cal cut, slty wtx in pt, puis por, p srt, med fri to med hd, dty in pt, slty in pt. Aci: del. cal. bent.		
400	4440	80	SH	increase SH gy, Gy brush in pt, ool micr mica, micr carb in pt, sl calc in pt, med frm, sb blk, slty in pt, w/ ool pyr incl.	NF	
		20	slst	Ltgyish, gyish, sl micr mica, micr carb - ool abut carb, calc, med sft, grad to SS. Aci: del. cal. glauc, bent, carb, pyr, mic lens.		

Prepared By D. LoucheDate March 6th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)

Well L06-6

Block Z2A Parcel 21

Area Lobitos OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4440	4470	80	SH	Gy, Gy brnsh, sl micr mica, micr carb in pt, calc in pt, med frm, sb blk - sb plty, slty in pt.	NF	
		10	slst	Ltgysh, gysh, ocr micr mica, micr carb in pt, calc, med sft - med frm, grad to ss		
		10	SS	wh gysh, VF to F, sbang, cal cut, shly wtx, p por, p srt, med fr, slty, w/dk-gu grains.		
				Aci: dl, cal, micr fossil, pyr, carb.		
4470	4490	80	SH	same as above	NF	
		20	slst	Gy sh, Ltgysh, sl micr mica, micr carb, calc med frm, grad to ss, w/ocr pyr incl.		
				Aci: dl, cal, micr fossil		
4490	4510	70	SH	Gy, brnsh in pt, same as above w/ocr pyr incl.	NF	
		20	slst	Ltgysh, gysh same as above		
		10	SS	wh gysh w/dk-gu grains, pred VF to F sbang, cal cut, p por, p srt, med fr, slty, shly wtx in pt, w/ocr carb; mica incl, slty in pt.		
				Aci: dl, cal, carb, micr fossil, free glauc.		
4510	4560	80	SH	Gy, ocr brnsh, occ abut micr mica, micr carb, sl calc in pt, med frm, slty in pt, w/ocr pyr incl.	NF	
		20	slst	same as above w/ocr pyr incl.		
				Aci: dl, cal, pyr, micr fossil		
4560	4590	90	SH	Gy, ocr brnsh, same as above w/ocr micr fossil incl.	NF	
		10	slst	Ltgysh, sl micr mica, sl micr carb - occ abut carb, calc, med sft, grad to ss		
				Aci: dl, cal, pyr, micr fossil, glauc.		
4590	4630	80	SH	same as above	NF	
		10	slst	same as above		
		10	SS	wh w/dk-gu grains, VF to F, sbang, cal cut, p por, p srt, med fr, slty, slty in pt, w/ocr carb; mica.		
				Aci: dl, cal, pyr, glauc.		

Prepared By

Q. Canch

Date

March 6th 85

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)

Well LOG-6

Block Z2A

Parcel Z1

Area Lobitos OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4630	4650	80	SH	Gy, siliceous, mic carb, med calc in pt, med frm, sb plty - sbbkly, slty in pt.	NF	
		20	slst	Gyish, Ltgyish, siliceous, mic carb, calc, med sft, grad to ss, w/loc pyr incl, w/loc glauc incl. Acc: del. cal, mic fossil, pyr, glauc.		
4650	4660	70	SH	Same as above	NF	
		20	slst	Ltgyish, gyish, siliceous Same as above		
		10	SS	wh-uhgyish, VF to F occ M, sbang, cal cut, shly utx in pt, p vts por, p srted, med fri, slty, w/loc carb; mica incl, dty in pt. Acc: del. cal, mic fossil.		
4660	4670	70	SH	Same as above	NF	
		20	slst	Ltgyish, gyish, occ mic mica, mic carb, calc, med sft, grad to ss, w/loc pyr incl.		
		10	SD	wh, ky, occ dk gr, F60Z F-M 40Z sbang, p srted, qtz grains. Acc: del. cal, pyr.		
4670	4700	60	SH	Gy, oebnisk, siliceous, sil mic carb - mic carb in pt, cal in pt, med frm, sbbkly - sb plty, slty in pt, w/loc pyr incl.	NF	
		10	slst	Same as above		
		30	SS	wh gyish, VF 40Z F 30Z F-M 30Z sbang, cal cut, shly utx, p por, p srted, med fri to med hd, slty in pt, dty in pt, w/loc carb; mica incl. Acc: del. cal, carb.		
4700	4710	60	SH	Same as above	NF	
		20	slst	Same as above		
		20	SS	wh gyish w/dk; qtz grains, VF 40Z F 40Z F-M 20Z sbang, cal cut, shly utx, p por, p srted, med fri to med hd, slty, dty, w/loc carb; mica Acc: del. cal, mic fossil, glauc.		

Prepared By

U. Canale

Date

March 7th 1985

Well LOG-6

Block I 2 A

Parcel 21

Area LOSITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4710	4730	50	SH	Gy, oec brush, sl micr mica - oec micr mica, micr carb, oec calc, med frm, ssbly - ss plty, slty in pt, w/oce pgr incl.	NF	
		20	slst	Lt gysh, gysh, sl micr mica, micr carb - oec carb, calc, med frm, grad to ss, w/oce pgr incl.		
		20	SS	whgysh w/dk - gn grains, VF 40% F 30% F-M 30% sbang, cal cut, shy intx, p par, p srt, med fri to med hd, slty, dty in pt, w/oce carb $\frac{1}{2}$ mica.		
		10	SD	wh, hy, oec dk gr, F 50% F-M 50% sbang, p srt, qtz grains, some rough surface in pt. Acc: dol, cal, oec carb.		
4730	4750	70	SH	Gy, brush in pt, same as above	ME	
		10	slst	same as above		
		20	SS	whgysh, VF 40% F 40% F-M 20% sbang, cal cut, p par, p srt, med fri - med hd in pt, dty in pt, some gn grains incl. Acc: dol, cal, bent.		
4750	4780	70	SH	same as above	ME	
		20	slst	same as above		
		10	SS	same as above w/oce carb $\frac{1}{2}$ mica incl. Acc: dol, cal.		
4780	4800	60	SH	Gy, brush in pt, sl micr mica, sl micr carb, sl calc in pt, med frm. frm, ssbly - ss plty,	NF	
		20	slst	same as above		
		20	SS	whgysh, VF to F oec M, sbang, cal cut, p par, p srt, med fri to med hd, slty, dty in pt, w/oce carb $\frac{1}{2}$ mica $\frac{1}{2}$ v oec pgr incl, oec w/ gn grains incl. Acc: dol, cal, micr foil, glauc.		

Prepared By Ch. Concha

Date March 7th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)

Well LOG-6

Block Z2A

Parcel 21

Area Lobitos OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4800	4830	80	SH	Gy, Gy brnsh, oee micr mica, micr carb in pt, sl calc in pt, med frm, sb plty, oee slty	NF	
		10	slst	Lt gyish, sl micr mica, sl micr carb, calc, med frm, grad to ss.		
		10	SS	wh gyish, pred VF to F, sb ang, cal cut, shy mtr, p vis por, p srted, med fri to med hd, slty, dty in pt. Acc: del. cal, pyr, micr fossil.		
4830	4840	70	SH	same as above w/oee pyr diss incl	NF	
		20	slst	Lt gyish, micr carb in pt, calc, med frm - frm in pt, grad to ss		
4840	4860	10	SS	same as above Acc: del. cal, pyr, glauc.	5%	wh gel med brn fluor, v slow strong cut (in resting).
		50	SH	Gy, oee brnsh, sl micr mica, sl micr carb, oee sl calc, med frm, sb plty, slty in pt.		
		10	slst	same as above		
		30	SS	wh-wh gyish w/dk gr, VF 30% F 30% F-M 20% M 20% sb ang, cal cut, shy mtr in pt, p - fr vis por, p srted, med fri - sl hd.		
4860	4870	10	SD	wh, hy, oee dk gr, F 30% F-M 30% M 30% Cr 10% sb ang, p srted, qtz grains.	+R	ala
				Acc: del. cal, pyr.		
		60	SH	Gy, Lt gy, oee brn, sl micr mica, sl micr carb, new calc, med frm, sb plty, slty in pt, w/oee pyr.		
		10	slst	Lt gyish, micr carb in pt, calc, med frm, grad to ss, w/oee pyr incl.		
		20	SS	wh, wh gyish w/dk gr, VF 40% F 30% F-M 30% same as above		
		10	SD	wh, hy, oee dk gr, F 30% F-M 40% M 30% sb ang, p srted, qtz grains.		
				Acc: del. cal, glauc, micr fossil.		

Prepared By

J. Carache

Date March 8th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well LOG-6Block 22A Parcel 21Area Lobitos offshore

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4870	4880	70	SH	Gy, sl micr mica - ool abut micr mica, micr carb in pt, med fine, med fin, sb plty, slty in pt.	sltr	
		10	slst	Ltgyish, sl micr mica, sl micr carb - mic carb in pt, calc, med fin, grad to ss, w/ ool del int bed.		
		20	SS	wh-uhgyish w/dk gr, VF 30% F 30% F-M 20% M 20% sbang, cal cut, shy mtr in pt, p-fr vis par, p srt'd, med fin - slhd, slty in pt, ool dty. Acc: del, cal, micr fossil.		
4880	4910	50	SH	Gy, ool bnish, same as above	12-52	wh gel med bnifluor, slow strong cut (in sand ring).
		10	slst	same as above		
		20	SS	wh-uhgyish, VF 40% F 30% F-M 30% sbang, cal cut, p-fr vis par, p srt'd, med fin to med hd, slty, dty in pt, shy mtr in pt.		
4910	4920	20	SD	wh, ly, ool dk gr, 30% 30% M 50% Cr 20% sbang, sl sbnd, med srt'd, qtz grains. Acc: del, cal, shell frag, pyr, glauc.	15-30%	ale
		30	SH	same as above		
		40	SS	wh-uhgyish w/dk gr, VF 20% F 20% F-M 30% M 30% sbang - sl sbnd, p srt'd, cal cut, ool shy mtr, p-fr vis par.		
4920	4930	20	SD	wh, ly, ool dk gr, F 20% M 50% Cr 30% sbang, sl sbnd, qtz grains, some rough surf. Acc: del, cal, pyr, shell frag, carb.	15%	ale
		40	SH	same as above		
		40	SS	wh-uhgyish w/dk gr, VF 20% F 30% F-M 30% M 20% sbang, sl sbnd, cal cut, p-fr vis par, p srt'd, med fin, ool shy mtr, w/ ool carb, mica, pyr incl, sl rough surf.		
		20	SD	wh, ly, dk gr, F 30% M 40% Cr 30% same as above Acc: del, cal, pyr, sks, micr fossil.		

Prepared By J. CancheDate March 8th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well LOG-6Block 224Parcel 21Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4930	4940	30	SH	Gy. ore brush, sl micr mica, micr carb in pt, ore scale, med frum - frum in pt. ss plty, othy in pt. w/ore pyr incl.	30-50%	wh sl gel bri fluor, med slow strong cut (in oxid ring).
		50	SS	wh-whgy'sh w/dk gr, F30Z M40Z Cr30Z sbang-sl sbnd, cal cut, p-fr vis por, p-med srt'd, med fri, w/ore carb; mica incl.		
		20	SD	wh, hy, ore dk gr, F20Z M50Z Cr30Z sbang-sbnd in pt, med srt'd, qtz grains. Acid: del. cal. pyr.		
4940	4950	20	SH	Same as above	30-50%	ale
		40	SS	Same as above		
		40	SD	wh, hy, ore dk gr, F20Z M40Z Cr40% sbang-sl sbnd in pt, med srt'd, qtz grains, some rough surf. Acid: del. cal. pyr, carb.		
4950	4960	30	SH	Same as above	30%	ale
		40	SS	wh-whgy'sh w/dk gr, F40% M30Z Cr30Z sbang-sbnd in pt, cal cut, othy wtx in pt, p-fr vis por srt'd, med fri, w/ore carb; mica; pyr incl.		
		30	SD	Same as above		
4960	4970	40	SH	Gy. brush in pt, sl micr mica, micr carb in pt, scale in pt, med frum - frum, ss plty, othy in pt, w/ore pyr incl.	15%	wh gel med bri fluor, slow strong cut (in oxid ring).
		30	SS	wh-whgy'sh; VF30Z F30Z FM20Z M20Z sbang-sl sbnd, cal cut, p-fr vis por, p srt'd, med fri		
		30	SD	wh, hy, ore dk gr, F20Z M40Z Cr40Z sbang-sbnd in pt, med srt'd, qtz grains. Acid: del. cal. pyr, carb.		

Prepared By J. CaneleDate March 8th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well LO6-6Block Z2A Parcel 21Area Los Hornos OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4970	4990	50	SH	Gy, oec gy brish, sl micr mica, sl micr carb, oec sl calc, frum, sb plty, w/ oec pyr incl.	50	whgel med br fluor, slow cut (in mid ring).
		10	slst	lt gy'sh, sl micr mica, micr carb in pt, calc, med frum - frum in pt, grad to ss		
		30	SS	wh-whgy'sh w/dk gr VF 30% F 30% F M 20% M 20% sbang - sl sb rmd, cal cut, shly mtr in pt, calc, med frum to med hd, oec dk.		
		10	SD	wh, hy, oec dk gr, F 30% M 40% Cr 30% sbang-sbrud, p-med srt'd, qtz grains, some smooth. Acc: del, cal, pyr, glauc.		
4990	5000	60	SH	same as above	TR	alc
		20	slst	lt gy'sh, gy'sh, sl micr mica, micr carb - oec abut carb, calc, med frum, grad to ss		
		20	SS	whgy'sh VF 40% F 30% F M 20% M 10% same as above Acc: del, cal, pyr.		
5000	5010	60	SH	same as above	TR	alc
		10	SS	whgy'sh VF 20% F 30% F M 30% M 20% sbang, cal cut, shly mtr in pt, p-fris par, p rtd, med fri - med hd in pt, slty in pt, w/ oec carb; micr incl.		
		30	SD	wh, hy, oec dk gr, F 30% M 30% Cr 40% sbang-sbrud, med srt'd, qtz grains. Acc: del, cal, pyr.		
		50	SH	Gy, brish in pt, sl micr mica, sl micr carb, sl calc in pt, med frum, sb plty, slty in pt.	50%	alc
5010	5030	10	slst	same as above		
		10	SS	whgy'sh, VF 20% F 30% F M 30% M 20% same as above		
		30	SD	wh, hy, oec dk gr, F 20% M 50% Cr 30% sbang-sbrud, med srt'd, qtz grains, rough surf in pt. Acc: del, cal, pyr.		

Prepared By

Q. CancheDate March 8th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well L06-6Block ZZA Parcel 21Area Lebicos OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5030	5050	60	SH	Gy, oecbrush, sl micr mica, sl micr carb - micr carb in pt, scale in pt, med frm, sb plty, slty in pt, w/oe pyr incl.	50%	whgel med bio fluor, slow string cut (in mid ring).
		10	slst	lt gyish, gyish, sl micr mica, micr carb in pt, cale, med frm - frm in pt, grad to ss		
		10	SS	wh-whgyish w/dk gr, VF20% F30% F-M30% M20% sbang - sbnd in pt, cal cut, shy utx in pt p-fr vis par, p s/d, med fri - med hd,		
		20	SD	wh, hy, oecdk gr, F40% M30% Cr30% sbang - sbnd med s/d, qtz grains. Acc: del. cal.		
5050	5070	50	SH	same as above	TR	ale
		10	slst	same as above		
		10	SS	wh-whgyish w/dk gr, F30% M40% Cr30% sbang - sbnd in pt, cal cut, oec shy utx, p-fr vis par, med s/d, med fri - sl hd,		
		30	SD	wh, hy, oecdk gr, pred gr Cr, sbang - sbnd, med - g s/d, qtz grains. Acc: del. cal.		
5070	5090	70	SH	Gy, sl micr mica, sl micr carb, non cale, med frm, oec sity, w/oe pyr diss incl, sb plty - sb blk.	TR	ale
		10	slst	lt gyish, sl micr mica, micr carb in pt, cale, med frm - frm, gr VF grad to ss		
		20	SD	wh, hy, oecdk gr, pred Cr grains, sbang - sbnd, med s/d, qtz grains Acc: del. cal. pyr, glauc, carb.		

Prepared By

J. Canche

Date

March 9th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)

Well LOG-6

Block Z2A

Parcel 21

Area Lobitos OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5090	5110	50	SH	Gy. Ltgy, oolitic, oolitic mica, sl micr carb, non calc, med frum - frum, sb blk, slty in pt, w/ool pyr diss incl.	5%	wh gel med bri fluor, slow string cut (in resid ring).
		10	slst	Ltgyish, micr carb in pt, calc, med frum, gr VF grad to ss		
		10	SS	wh-uhgyish w/dk gr, VF 30% F40% FM 20% M10% ssang, calc cut, p-fr vis par, p srt, med fri, slty in pt.		
		30	SD	wh, ly, ool dk gr, med gr Cr, ssang-sbrud, med srt, qtz grains.		
5110	5140			Aer. del. cal, sks, ool carb.	5-15%	ole
		30	SH	same as above		
		10	slst	same as above		
		10	SS	wh-uhgyish w/dk gr, VF 20% F20% FM 20% M30% Cr10% ssang-sbrud, calc cut, p-fr vis par, med srt, med fri.		
5140	5150	50	SD	wh, ly, ool dk gr, F20% M20% Cr60% ssang-sbrud, med srt, qtz grains.	5%	ole
		40	SH	Aer. del. cal, pyr, carb. Gy, Ltgy, brnsh in pt, micr carb in pt, sl calc in pt, med frum - frum, sb blk - sbbly, ool slty, w/ool pyr diss incl.		
		20	SS	wh-uhgyish w/dk gr VF 20% F20% FM 30% M30% ssang, calc cut, ool shy wtx, p-fr vis par, p srt, med fri, w/ool carb; vices incl. ? v ool pyr incl.		
		40	SD	wh, ly, ool dk gr, med Cr to VCr, ssang-sbrud, med srt, qtz grains.		
				Aer. del. cal, pyr, carb.		

Prepared By

J. Carlucci

Date

March 9th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well LOG-6Block Z2AParcel 21Area Lositos offshore

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5150	5160	50	SH	Gy. lgy. oec brnsh, sl micr mica, sl micr carb, oec sl calc, med frm. sbdky, sbply, oec slty.	TR	yel med br fluor, slow string cut (in resid ring).
		10	slst	lgyish, sl micr mica, micr carb, calc. med frm. gr VF grad to ss		
		20	SS	wh-whgyish w/dk gr. VF30% F30% F-M20% M20% oec Cr, sbang-sbrud, p srtld, qtz grains.		
		20	SD	wh. lgy, oec dk gr F30% M40% Cr30% oec V Cr, sbang-sbrud, p srtld, qtz grains.		
5160	5170	60	SH	Ac: del. cal, oec carb, pyr.	TR	ole.
		10	slst	same as above		
		10	SS	wh-whgyish w/dk gr, VF30% F30% F-M30% M10% sbang, cal cut, shy into in pt, p srtld, p-fr vis par, med fri, oec slty.		
5170	5190	20	SD	wh. lgy, oec dk gr, med gr Cr, sbang-sbrud, med srtld, qtz grains.	TR	ole
				Ac: del, cal, pyr, carb.		
		50	SH	same as above		
		10	slst	same as above w/o carb w/ pyr.		
		10	SS	wh-whgyish w/dk gr. VF30% F30% F-M20% M20% sbang-sl sbrud, cal cut, p-fr vis par, p srtld, med fri, oec shy into		
5190	5280	30	SD	wh. lgy, oec dk gr, F20% M20% Cr60% sbang-sbrud, p-med srtld, qtz grains.	NF	
				Ac: del, cal, carb.		
		80	SH	Gy. Gy brnsh in pt, sl micr mica, sl micr carb, med frm, sbply, slty in pt, oec steelish, w/ oec pyr incl.		
		10	slst	same as above		
		10	SS	wh-whgyish w/dk gr. VF20% F40% F-M40% sbang, cal cut, p-fr vis par, med srtld, med fri, slty in pt.		
				Ac: del, cal, pyr.		

Prepared By

J. Caneh

Date

March 9th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well LOG-6Block Z2AParcel 21Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
280	5310	80	SH	Gy. Gybrnsh, oee micr mica, micr carb in pt, non calc. med frm, sb plty, oee slty, oee steelst, w/ oee pyr incl.	NF	
		20	slst	Gyish, ltgyish, sl micr mica, micr carb in pt, calc, med frm, grad to ss, w/ oee pyr incl. Acc: del. cal.		
310	5350	80	SH	same as above	NF	
		10	slst	Gyish, ltgyish, same as above w/ oee abut carb.		
		10	SS	whgyish, pred VF to Fgr. sbang. cal cut, shy utr, p vis por, p srted, med fri to med hd, dty in pt, w/ oee carb; mica; pyr incl Acc: del. cal. pyr, oee micr fossil.		
350	5370	70	SH	Gy, Gybrnsh, oee micr mica - oee abut micr mica, micr carb, non calc, med frm - frm, sb plty, slty in pt.	NF	
		20	slst	Gyish, ltgyish, sl micr mica, sl micr carb - micr carb in pt, calc, med frm - frm in pt, gr VF grad to ss, w/ oee pyr incl.		
		10	SS	same as above. Acc: del. cal.		
370	5420	80	SH	Gy, oee gybrnsh same as above	NF	
		10	slst	Gyish, ltgyish, abut carb in pt, calc, med frm, gr VF grad to ss, w/ oee pyr incl.		
		10	SS	whgyish, pred VF to Fgr, oee M, sbang, cal cut, shy utr in pt, p vis por, p srted, med fri to med hd, dty in pt, slty in pt, w/ oee carb; mica; pyr incl. Acc: del. cal. pyr.		

Prepared By J. ConchaDate March 12th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well LOG-6Block Z2A Parcel Z1Area Lobitos offshore

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5420	5450	70	SH	Gy, Gybrish, sl micr mica - oee micr mica, sl micr carb. non calc. med frm. sb plty, slty in pt.	NF	
		20	slst	Ltgysh, gysh, sl micr mica, micr carb in pt, calc. med frm - frm in pt, gr VF grad to ss. w/ oee pyr incl.		
		10	SS	wh gysh, VF 40% F 40% F 20% ssang, cal cut, shly mix in pt. p vis por, p std, med fri, to med hd, dty, slty, w/ oee carb; mica incl. Aci: del. cal. pyr.		
5450	5480	80	SH	same as above	NF	
		10	slst	Ltgysh, gysh, sl micr mica, sl micr carb, calc. med frm - frm in pt, gr VF grad to ss		
		10	SS	wh gysh, med VF to F ssang, cal cut, p par, p std, med fri to med hd, slty, dty. Aci: del. cal. pyr.		
5480	5560	70	SH	Gy, oee Ltgy, Gybrish in pt, oee abut micr mica, micr carb in pt, non calc, med frm, sb plty, slty in pt.	NF	
		20	slst	Ltgysh, gysh, micr carb, calc. med sft. med frm in pt, grad to ss		
		10	SS	same as above Aci: del. cal. pyr.		
5560	5590	70	SH	Gy, Gybrish, same as above	NF	
		10	slst.	Ltgysh, gysh, sl micr mica, sl micr carb, calc. med sft - med frm, grad to ss		
		20	SS	wh gysh, pred VF to F, ssang, cal cut, p vis por, p std, med fri, slty in pt, dty in pt, w/ oee carb; mica incl. Aci: del. cal. carb.		

Prepared By J. CancheDate March 13th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well L06-6Block Z2A Parcel 21Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5590	5620	70	SH	Gy, oec brush, sl micr mica, sl micr carb, non calc, med frm, sb pthy, slty in pt, w/oec pyr incl.	NF	
		20	slst	Lt gy'sh, gy'sh, sl micr mica, micr carb, calc, med sft-med frm, grad to ss		
		10	SS	wh gy'sh, pred VF to F oec M, sbang, cal cut, p vis por, p std, med fri, slty, dty in pt, w/oec carb; mica incl. An: del, cal, carb.		
5620	5640	70	SH	Gy, Gy brush, same as above	slTR	yel br fluor, slow cut.
		10	slst	Lt gy'sh, gy'sh, sl micr mica, sl micr carb, micr carb in pt, calc, med frm, grad to ss.		
		20	SS	wh gy'sh, pred VF to F oec M, sbang, cal cut, shly wtx in pt, p vis por, p std, med fri, dty in pt, w/oec carb; mica incl, dty in pt. An: del, cal, pyr, oec carb.		
5640	5670	60	SH	Gy, sl micr mica - oec abut micr mica, sl micr carb, non calc, med frm, sb pthy, oec slty	TR	wh yel med br fluor, slow strong cut (in resid ring).
		10	slst	Lt gy'sh, gy'sh, same as above		
		30	SS	wh-wh gy'sh w/dk gr, VF 40% F 30% F-19 30% sbang, cal cut, shly wtx in pt, p vis por, p std, med fri, w/oec carb; mica incl. An: del, cal, pyr, carb.		
5670	5700	60	SH	Gy, Gy brush, same as above	TR	ole.
		20	slst	Lt gy'sh, gy'sh, sl micr mica, sl micr carb, oec abut carb, calc, med sft-med frm in pt, grad to ss.		
		20	SS	wh-wh gy'sh, VF 40% F 30% F-19 30% sbang, cal cut, shly wtx in pt, p vis por, p std, med fri, slty in pt, w/oec carb; mica incl. An: del, cal, carb.		

Prepared By D. ConcheDate March 13th 1985

Well LOG-6

Block Z2A

Parcel 21

Area Lobitos OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5700	5740	60	SH	Gy, Gy brnsh, sl micr mica, see abut micr mica, micr carb in pt, non calc. med frm, sb pthy, slty in pt	TR-52	wh gel bri fluor, slow string cut (in resid ring).
		20	slst	Lt gyish, gyish, sl micr mica, sl micr carb - see abut carb, calc. med frm, grad to ss		
		30	SS	wh-wh gyish w/dk gr, VF 40% F30% Fm 30% sbang, cal cut, shy mtr in pt, p-fr vis por, p srt'd, med fri, slty in pt, w/occ carb; mica incl. Acc: del, cal, carb, ocr pyr.		
5740	5810	70	SH	Gy, same as above	TR	a/g
		10	slst	Lt gyish, gyish, sl micr mica, micr carb in pt, calc med frm, grad to ss		
		20	SS	wh gyish VF 40% F40% Fm 20% sbang, cal cut, shy mtr in pt, p vis por, p srt'd, med fri, slty in pt, w/occ carb; mica incl. Acc: del, cal, pyr.		
810	5820	60	SH	same as above	TR-52	gel bri fluor, slow string cut (in resid ring).
		10	slst	Lt gyish, sl micr mica, micr carb in pt, calc med frm, grad to ss.		
		30	SS	wh-wh gyish w/dk gr, VF 30% F40% Fm 30% sbang, cal cut, p-fr vis por, p srt'd, med fri, ocr slty, w/occ carb; mica incl. Acc: del, cal, carb.		
820	5840	50	SH	same as above	5%	ole
		10	slst	(wh-wh gyish w/dk gr) Lt gyish, same as above		
		40	SS	wh, wh gyish w/dk gr, VF 30% F30% Fm 20% F20% sbang, cal cut, p-fr vis por, p srt'd, med fri, ocr slty, w/occ carb; mica incl. Acc: del, cal, carb, pyr		

Prepared By J. Canela

Date March 13th 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)
Well L06-6Block Z2A Parcel 21Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5840	5860	70	SH	Gy, sl micr mica, sl micr carb, non calc, med frui, sb plty, slty in pt.	TR	yel bri flur, blow string cut (in resid ring).
		10	slst	lt gy'sh, gy'sh, sl micr mica, micr carb, calc, med frui, grad to ss.		
		20	SS	wh, whgy'sh wldk gr. VF30ZF40ZF-M30Z ssang, cal cut, p-fr vis par, p srt'd, med fri, slty in pt. Aci: del, cal, p yr.		
5860	5870	60	SH	same as above	TR	ale
		10	slst	same as above		
		30	SS	wh-whgy'sh wldk gr. VF30ZF30ZF-M20ZF20Z ssang, cal cut, p-fr vis par, p srt'd, med fri, see shy utx, w/see carb; mica incl. Aci: del, cal, p yr.		
5870	5900	60	SH	Gy, Gybnish in pt, sl micr mica, sl micr carb, carb in pt, non calc, med frui, sb plty, slty in pt, w/see pyr diss incl	sltr	ale
		20	slst	ltgy'sh, gy'sh, sl micr mica, sl micr carb, calc, med slt-med frui in pt, grad to ss		
		20	SS	wh-whgy'sh wldk gr VF40ZF30ZF-M30Z ssang, cal cut, shy utx in pt, p-fr vis par, p srt'd, med fri, slty in pt, w/see carb; mica incl. Aci: del, cal, p yr.		
5900	5926	70	SH	Gy, brash in pt, same as above	sltr	ale
		10	slst	same as above		
		20	SS	wh-whgy'sh VF40ZF40ZF-M20Z ssang, cal cut, shy utx in pt, p vis par, p srt'd, med fri, slty in pt, w/see carb; mica incl. Aci: del, cal, see carb.		
				Drilling was stopped on March 14th at 14:00 hrs. TD = 5926'		

Prepared By J. CancheDate March 14th 1985