

Well L06-43x
Block 32A Parcel 21
Area LOBITOS OFFSHORE

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
				This well was stopped on Jun. 18th, 1984 at 0930 hrs. by lithology.		

BELCO PETROLEUM CORP. OF PERU
 DPTO. TECNICO
 16 JUL. 1984
 RECIBIDO

Prepared by A. GARRO E.

Date Jun 18th, 1984

Belco Petroleum Corporation Of Perú
(Sucursal del Perú)

Well 106-13x

Block 220 Parcel 21

Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5700	5750	100	SH	gy, occ. brnsh gy, sbptly/sbbky, med frm, fis, no calc, occ carb, sily Acc. R. dol, v rare calc	N.F	
5750	5800	100	SH	gy, sbptly/bky, med frm, some sft, fis some slfis, no calc, mic, sily Acc. v rare dol & calc	N.F	
5800	5840	100	SH	gy, brnsh gy, sbptly/bky, med frm occ sft, fis some slfis, no calc, occ mic & carb. Acc. Common - R. dol, v rare calc.	N.F	
5840	5850	90	SH	gy, brnsh gy. a-a	N.F	
		10	SILT	IT gy, sbky, med frm/frm, no calc, loc. carb. Acc. R. dol, v rare pyr.		
5850	5900	100	SH	gy, brnsh gy, sbptly/bky, med frm some sft, fis some slfis, no calc, mic, loc. micropyr. Acc. v rare dol, calc & pyr.	N.F	
5900	5950	100	SH	brnsh gy being brn & brn, sbptly/sbbky, med frm some sft, fis some slfis, no calc, micropyr. Acc. v rare dol, microfoss & pyr.	N.F	
5950	5955	100	SH	brnsh gy being brn, brn, sbptly/sbbky, med frm, fis occ slfis, no calc, sily, mic. Acc. v rare calc.	N.F	
5955	circulada	100	SH	brnsh brn being brn, gy, sbptly/sbbky, med frm, fis occ slfis, no calc, sily, mic. Acc. R. dol & calc.	N.F	

Prepared by A. GARRO E.

Date JUN. 18TH, 1984

Well 106-13X
Block Z2A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5470	5500	100	SH	Cay, DK Cay in pt, sft/sl fine in pt, mic-unc, v. st mic-carb diss, sl sdy, VF gas incls, calc to slty in pt, sl rough on surf, sb-bkly. <u>Accs Fr Del, Tr Cole</u>	N.F	
5500	5530	100	SH	Cay, DK Cay in pt, sft/sl fine in pt, mic-unc, sl r's in pt, sl rough on surf, bkly. <u>Accs Fr Del, Tr Cole, Tr Pyr.</u>	N.F	
5530	5560	80	SH	Cay, DK Cay in pt, sft/sl fine, mic-unc, mic-unc carb diss, sb-bkly. 20 slty Lt Cay, wh-Cayals, fine/foliated, occ mic pyr diss, calc, sb-bkly. <u>Accs Fr Del, Tr Pyr.</u>	N.F	
5560	5580	80	SH	Cay, DK Cay in pt, sft, sl sdy, occ calc to slty, non calc, mic-carb, sb-bkly. 20 slty Lt Cay, wh-Cayals, VF gas, calc to ss. <u>Accs Fr Del, Tr Pyr, mass</u>	N.F	
5580	5610	90	SH	Cay, DK Cay in pt, sft, sl mic-carb diss, non calc, sl sdy in pt, rough in pt, bkly. 10 slty Lt Cay, mic, VF gas, mic-carb diss, sl calc, slty, sl rough on surf, sb-bkly. <u>Accs Fr Del, Tr Cole</u>	N.F	
5610	5650	100	SH	Cay, sft, occ Cay-brush, mic-carb, A/p. <u>Accs Fr Del, Tr Cole</u>	N.F	
5650	5700	100	SH	Cay, sft, mic-carb diss, v. occ mic-unc non calc, sl smooth on surf, mic r's. <u>Accs Fr Cole, Tr Del</u>	N.F	

Prepared by TR. MURANTE

Date JUNE 17th, 1984.

Well L06-13x
Block 22A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5300	5330	70	SH	Cay, DK Cay in pt, srt, slanc. carb, ore mic. mic, near cole, sb-pty.	NF	
		30	slst	Lt Cay, Wli-Cayals in pt, VF gas, Gade to ss, cole, rougher on surf, sb-blky.		
				<u>Acci</u> Tr Cole.		
5330	5340	60	SH	Cay, srt/v. srt in pt, mic carb, spty.	15%	wh fair fluor
		20	slst	Wli-Cayals, prmsl sl in pt, w/coast wst of wli incls, no cole, blky.		pr/slow cut wlysl.
		20	SS	Wly, G to gas, F 70t, M 30t gas, pr vis per, pr srt, pr cole cut, near cole wlx, slch, v. pr/sl in pt.		
				<u>Acci</u> Tr Cole, Tr Del, Tr Pyr.		
5340	5360	70	SH	Cay, DK Cay, srt, mic. mic rougher on surf	5%	A/A.
		20	slst	Wli-Cayals, prms, VF gas, Gade to ss, blky.		
		10	SS	Wly, sl, VF-F gas, cole cut, sl in d.		
				<u>Acci</u> Fr Del, Tr Cole.		
5360	5390	80	SH	Cay, srt, continue as above.	NF	
		20	slst	Lt Cay, Wli-Cayals in pt, prmsl sl Fri, cole.		
				<u>Acci</u> Tr Del, Tr Cole.		
5390	5430	90	SH	Lt Cay, Cay, srt, near cole, sl fis, sb-pty.	N.F	
		10	slst	Wli-Cayals, prmsl sl w, mic carb slss, cole, w/ DK wnlis incls, rougher on surf.		
				<u>Acci</u> Fr Del, Tr Cole.		
5430	5470	100	SH	Lt Cay, Cay, srt/v. srt in pt, mic carb, mic-mic, near cole, sl smooth on surf, pr fis, sb-pty/sb-blky.	N.F	
				<u>Acci</u> Tr Del, Tr Cole, Tr Pyr.		

Prepared by K. MORANTE

Date June 15th, 1984.

Well LOG-13X

Block 22A

Parcel 21

Area LOGITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

Imp. "Enlaza" - 1985

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5140	5150	30	SH	Lt Coy, Coy, sst, mic-mic, mic-cle, ply	-5%	whi del Lt
		40	Sst	Lt Coy, whi-cysls, mic, w/coast incls.		fluor
		20	SS	Whi slt, VF 30x, F 60x, M 70x, slind.		v. slw cut.
		10	SD	Whi, Hy, G to gas, M 70x, C 30x gas, sl-brd/sb-sng, p. sst.		
<u>Acci. Tr Cole.</u>						
5150	5160	20	SH	Lt Coy, Coy, sst, sl smooth on surf.	15%	whi br
		10	Sst	Lt Coy, whi-cysls in pt, VF gas, G to G to	-30%	fluor
		50	SS	SS, sltly - mic wtx, sl rui.		ex cut whi
				Phed. whi, G to gas, M gas wtx, G. vis per, ex sst, w/DK gas incls, slnt cle cut, mic-cle wtx, sl rui		whi gish
5160	5180	20	SD	Whi, Hy, G to gas, M 60x, C 40x gas, sl-brd/sb-sng, ex sst.		
		<u>Acci. Tr Cole.</u>				
		50	SH	Lt Coy sst, mic-mic, mic-cle, sb-ply.	15%	A/A
		20	Sst	whi-cysls, mic/sst Fri, w/coast incls, cle.		
5180	5190	30	SS	Whi, G to gas, M 70x, F-M 30x gas, ex vis per, p. sst, cle cut, w/DK mic incls.		
		<u>Acci. Fr Cole.</u>				
		40	SH	Lt Coy, Coy, sst, sl smooth, med. sst	5%	whi yel slt
		20	Sst	Lt Coy, mic, VF gas, cle, sb-ltly.	-15%	fluor
5190		30	SS	Whi slt, F 60x, M 40x gas, ex vis per, r/p sst, slnt cle cut, mic wtx, Fri		slw slt whi
		10	SD	Whi, Hy, G to gas, M 60x, C 40x gas, sl-id/sb-sng, sb-sng row gas, p. sst.		whi gish cut.
		<u>Acci. Fr Cole, Tr Del.</u>				

Prepared by R. MORNANTE

Date June 15th, 1984.

Well LOB-13X
Block 22A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5080	5100	30	SH	Cay, DK Cay, in pt, srt / sl crin upst, sl laminar, oolitic, mic. carb diss, non calc, sb. platy.	-SY.	wh yelish sl br clear.
		40	slst	wh. Crystls, mm / fin, mic. carb, mic. mic calc, VF grs, Grd to ss, sb. blk.		v. slw cut.
		30	SS	wh. Crystls, Grd grs, F 70%, M 30% grs, w/ DK mic. carb, p. vis per p. srt, calc cut, non platy, ind. <u>Acci Tr Calc, Tr Dal.</u>		
5100	5110	80	SH	Cay, DK Cay in pt, srt, sl sdy, non calc blk	N.F	
		20	slst	wh. Crystls, mm / fin, mic. carb, w/ coal incls, calc, VF grs, Grd to ss, blk.		
				<u>Acci Tr Dal, Tr Calc.</u>		
5110	5120	30	SH	Cay, srt, sl mic carb, non calc, smooth	N.F	
		40	slst	wh. Crystls, in pt, mm / fin, w/ coal incls, calc, rough on surf.		
		30	SS	wh. Crystls, VF 30%, F 50%, M 20% grs, v.p. vis per, srt calc cut, sl ind. <u>Acci Tr Dal, Tr Calc.</u>		
5120	5130	50	SH	Cay, srt, sl mic carb, non calc, sb. platy	SY.	wh full clear
		30	SS	wh. Crystls, F 60%, M 40% grs, srt, sl cr		slw cut.
		20	SD	wh. Hy, Grd grs, M 60%, C 40% grs, sb. rd / sb. sdy, srt		wh yelish
				<u>Acci Tr Calc, Tr Pyr.</u>		
5130	5140	50	SH	Cay, DK Cay, srt, continue as above.	-SY.	A/A.
		30	slst	wh. Crystls, mm, VF grs, Grd to ss.		
		20	SS	wh. Crystls, F 30%, VF 50%, M 20% grs, p. vis per, p. srt <u>Acci Tr Calc.</u>		

Prepared by R. MORANTE

Date June 15th, 1984

Well 206-13X

Block 22A Parcel 21

Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

Imo "Enlace" - 18675

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Out of Fluor
4870	4900	100	SH	Lt Gy, sft/v. sft, sl mic carb diss, sl mic mic, non csl, smooth on surf. <u>Acci To Dal.</u>	N.F.	
4900	4930	100	SH	Prod. Lt Gy, sft, mic mic, sl mic carb diss, smooth on surf, pty. <u>Acci To Pyr. xlu. To Dal.</u>	N.F.	
4930	4970	100	SH	Lt Gy, Dk Gy in pt, sft/v. sft, sl mic mic, non csl, sb-pty, jpty. <u>Acci To Dal.</u>	N.F.	
4970	5000	100	SH	Lt Gy, Gy. brndls, sft, sl mic mic, occ mic carb diss, sb-pty. <u>Acci To Dal.</u>	N.F.	
5000	5030	100	SH	Lt Gy, sft, mic mic, non csl, pty. <u>Acci To Dal, To Csl.</u>	N.F.	
5030	5050	90	SH	Lt Gy, sft, mic mic, mic csl, A/A-10 slst wh. Gysls, mic/slen, occ mic carb diss, sl mic mic, csl, sb. blky. <u>Acci To Dal, To Csl.</u>	N.F.	
5050	5060	70	SH	Gy, Dk Gy in pt, sft, sl mic mic, sb-pty, 20 slst whysls, mic, mic carb diss, sb. blky, 10 SS wh. Gysls, whysls, Qto gas, Fgas mainly v.p. vis por, p. sft, calc ant, men. wtx. <u>Acci To Dal, To Csl, To Pyr.</u>	N.F.	
5060	5080	50	SH	Gy, Gy. brndls in pt, sft, non csl, sb-pty, 30 slst Lt Gy, whysls in pt, VFgas, ends to ss csl, 20 SS whysls, Qto gas, F70r, M30r gas, v.p. vis por, calc ant, men. wtx, sl brd. <u>Acci About Csl, To Dal, Pyr.</u>	N.F.	

Prepared by R. MORANTE

Date June 14th, 1984.

Well 206-13X
Block 22A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4720	4730	90	SH	Pred. Gy. Lt Gy in pt, set/sl/crui, sl unc-unc, unc-crb diss, mic-pyr diss, Gds to slty, occ sl roughs on surf, non calc, sl fis, sb-plty.	N.F	
		10	Slst	Lt Gy, wh-Gy sh in pt, crui/sl/bd, VF grs, Gds to ss, w/coast of unc-crb diss, roughs on surf. TT, calc, sb-bkly.		
				<u>Acci</u> Fr Dol, Tr Calc, Tr Pyr		
4750	4770	60	SH	Pred. DK Gy, Gy, set, sl/sdy, unc-unc sl roughs on surf, sb-plty.	5x	wh sl/yelsl Fluor
		20	Slst	Lt Gy, wh-Gy sh in pt, crui/sl/crui, unc-crb diss, bkly.		slu cut sl/yelsl.
		20	SS	wh-Gy sh, wh-Gy sh in pt, F 701, M 301, grs, p. whisper, p set, w/coast of unc-crb diss, calc cut, sl crui.		
				<u>Acci</u> Tr Dol, Tr Pyr		
4770	4800	80	SH	DK Gy, Gy, set/sl/crui in pt, ss above.	N.F	
		20	Slst	Lt Gy, crui/sl/crui, VF grs, Gds to ss.		
				<u>Acci</u> Fr Dol, Tr Pyr.		
4800	4830	90	SH	DK Gy, Gy, set, sl unc-crb diss, sl sdy in pt, occ roughs on surf, sb-bkly.	N.F	
		10	Slst	Lt Gy, wh-Gy sh in pt, set, VF grs, sl unc-crb diss, sb-bkly.		
				<u>Acci</u> Tr Dol.		
4830	4870	100	SH	Pred. Gy, set, unc-unc, v. occ sl unc-crb diss, non calc, sl smooth on surf, sb-plty.	N.F	
				<u>Acci</u> Tr Dol.		

Prepared by R. MORANTE

Date June 12th 1984.

Well 206-13X

Block 22A Parcel 21

Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4660	4680	70	SH	Cay. Lt brn in pt, sft, unc-unc, stenic pyr diss, occ sl rough on surf, pthy.	5.	wh yelsh fluor
		10	slst	wh-Cystr, crin, mic-unc, VFgs, ends to ss, calc, rough on surf, lthy.		slw cut yelsh.
		20	ss	whysls, wh-Cystr, in pt, VF 30", F40", M 30" yrs, p vis por, p snt, calc cut.		
				Acci Fr. Dal, Tie Pyr.		
4680	4690	80	SH	Lt Cay, Cay, sft, ends to slty, unc-unc.	- 5.	A/A.
		10	slst	wh-Cystr, crin, VFgs, ends to ss, calc.		
		10	ss	whysls, Gt zgs, VF-Fgs mainly, sl calc cut, p vis por, sl cr.		
				Acci About Dal, Tie Pyr unss.		
4690	4700	90	SH	Prod. Cay, sft/v. sft, unc-unc, unss, calc, sl fis, sl pthy.	N.F	
		10	slst	Lt Cay, crin/sl cr, calc, ss above.		
				Acci Fr. Dal, Tie Calc.		
4700	4710	60	SH	Cay, DK Cay in pt, sft, prod. ss above.	5.	wh sl dull fluor
		20	slst	wh-Cystr, Lt Cay, crin/sl cr, slty, VF ggs, unss incls, calc, slty wtx, lthy.	- 15.	slw cut yelsh.
		20	ss	whysls, Gt zgs, F-M yrs, slwt calc cut, p vis por, TT, sl cr/ind in pt.		
				Acci About Calc, Fr Dal, Coal.		
4710	4720	70	SH	Cay, sft, unc-unc, sl fis, smooth, pthy.	5.	A/A.
		20	slst	Lt Cay, wh-Cystr in pt, crin/sl ind, sl unc-unc diss, calc, rough on surf, lthy.		
		10	ss	whysls, Gt zgs, Fgs mainly, calc, cr.		
				Acci About Calc, Tie Dal.		

Prepared by R. MORANTE

Date June 13th, 1984.

Well LOB-13x

 Block 22A Parcel 21

 Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4620	4630	70	SH	Cay. Cay-brush in pt, sst, slaw-mic, ool mic-carb diss, sb-pthy.	-5%	wh chert to sl yel slaw v. slaw cut.
		10	slst	Lt Cay, Gt wh sls, mm/sst rei, w/coast and mic incl, end to ss. Gt Ky.		
		20	SS	Whysls, Gt gss, LF-Fgs usually, v. p. vis por, p. sst, slaw cole cut, mic. mtr, w/coast of mic incl, slty sl rei/ind in pt.		
				Acci Tr Del, Tr Cole		
4630	4640	90	SH	Pied. Cay-brush. DK Cay in pt, sst/sl mic. mic-carb diss, slaw-mic, slaw in pt, sl rough on sur, sb-pthy/sb-pky.	N.F	
		10	slst	Lt Cay. mm, LF gss, end to ss, Cole, Gt Ky.		
				Acci Tr Del, Tr Cole		
4640	4650	30	SH	Pied. Lt Cay, Cay-brush in pt, sst, slaw-mic, sl smooth on sur, pthy.	30% -50%	wh yel sl sl br slaw Fr/slw slaw wh gss cut.
		40	SS	Whysls, Gt gss, F-14 gss usually, v. vis por, Fr sst, cole cut, sl rei/rei.		
		30	SD	Whysls, Hy, Gt gss, M60%, C40% gss, sb-rd/sb-aug, in sst.		
				Acci Tr Cole, Tr Del.		
4650	4660	40	SH	DK Cay, Cay in pt, sst, v. mic-mic, sb-pthy.	15%	A/A. slaw cut.
		10	slst	Lt Cay, Whysls in pt, mm, mic incl, Cole.		
		40	SS	Whysls, Gt gss, F-14 gss, sb-aug/sb-rd, Fr/p. vis por, cole cut, sl rei.		
		10	SD	Whysls, Hy, Gt gss, F 30%, F-14 50%, M 20% gss, sb-aug/sb-rd, p. sst.		
				Acci Tr Del, Tr Cole, Tr Pp		

 Prepared by F. MORANTE

 Date June 12th, 84.

Well L06-13x

Block 22A Parcel 21

Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4540	4550	60	SH	Cay-brush, Lt br in pt, sft, unc carb	N.F	
				clss, v. smooth on surf, sb. pty		
		20	slst	Lt Cay, whysl in pt, run/sl rui, end 6		
				to slty, col, unc-unc, sb. lthy.		
		20	SS	whysl, Gto gas, VF gas mainly, p.		
				vis per, p sft, calc cut, w/ cast of		
				unc incls, clty, TT, sl ind.		
				<u>Acci</u> Tr Cole, Tr Dol.		
4550	4570	40	SH	Cay-brush, Lt br, sft, p/ty.		
		40	SS	whysl, Gto gas, VF 40%, F 40%, 1A 20%	15%	wh yelsh
				gas, vis per, p sft, calc cut, slst	-30%	to sl br
				wt x, w/ unc of Cast incls, clty, v. rui		clss or
		20	SD	whysl, H ₂ , Gto gas, F 20%, 1A 50%		ex/slu sluk
				M-C 30% gas, sb. rd/sb. ang, p. sft.		yelsh cut.
				<u>Acci</u> Tr Cole, Tr Dol.		
4570	4590	70	SH	Cay-brush, Cay, sft, unc carb, sb. pty.	5%	A/A
		30	SS	whysl, Gto gas, F-M gas mainly, rui		
				<u>Acci</u> Tr Cole, Tr Dol.		
4590	4600	10	SH	Cay-brush, Cay, sft, sl unc carb, sb. pty.	50%	wh yelsh
		10	SS	whysl, Gto gas, VF-F gas mainly, rui		sl br
		80	SD	whysl, H ₂ , Gto gas, C 50%, VC 50% gas,		flur
				rd/sb. rd mainly, sb. ang/ang rui.		ex cut
				<u>Acci</u> Tr Cole, Tr Dol, Tr Pyr.		sl strong
4600	4620	80	SH	Cay, Cay-brush, Lt br, sft/v. sft, sl	N.F	wh yelsh
				unc carb clss, v. smooth on surf.		
		20	slst	Lt Cay, whysl, run/sl rui, VF gas,		
				End to SS, col, v. rui.		
				<u>Acci</u> Tr Dol, Tr Cole.		

Prepared by TR. MORANTE

Date June 11th, 1984

Well 606-13X

Block Z2A Parcel 21

Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut Of Fluor
4450	4460	50	SH	Pred. Gy-brush, Lt Gy, Gy, sxt, ool sl unc-cmb diss, shale/pur shale, sb-pty.	5.1	ab shdsh flwr
		20	slst	why-Gy sh, pur, sl unc-unc, VFgs, Gde fo slty, w/Coalust incls, cole, sb-bky.		v. shw cut.
		30	SS	why sh, Gy in pt, Gt gss, VF 40%, F 40%. M 20% gss, p vis por, p sxt, Cole cut, sdy cut x, Gde fo slty, sl rui <u>Acci Fr Del, Tr Cole.</u>		
4460	4480	60	SH	Gy-brush sxt, sl unc-cmb diss, sb-pty.	5.1	A/A
		20	slst	why-Gy sh, pur, VFgs, cole, sb-bky.		
		20	SS	why sh, Lt Gy in pt, VF 40%, F 40%, M 20% gss, p vis por, p sxt, Cole cut, sdy cut, w/Coalust incls, sl rui. <u>Acci Fr Del</u>		
4480	4490	70	SH	Gy-brush, sxt, continue ss above.	5.1	A/A
		20	slst	why sh, Lt Gy in pt, pur, cole, bky.		
		10	SS	why sh, VF 40%, F 50%, M 10% gss, A/A. <u>Acci Tr Del, Tr Cole.</u>		
4490	4520	80	SH	Pred. Gy-brush, sxt, wss, unc-cmb, sl unc-pyr diss, sb-pty.	N.F.	
		20	slst	Lt Gy, why sh, Lt brush in pt, pur/sl rui. w/uncs Coalust incls, cole, VFgs, bky. <u>Acci Fr Del, Tr Cole.</u>		
4520	4540	50	SH	Gy-brush, sxt, unc-unc, wss, pty.	N.F.	
		30	slst	Lt Gy, pur, VFgs, Gde fo ss, cole, bky.		
		20	SS	why sh, Lt Gy in pt, Gt gss, VF 40%, F 60% gss, Cole cut, v.p. vis por, sl rui <u>Acci Fr Del, Tr Cole, Tr Pyr.</u>		

Prepared by R. MORANTE

Date June 11th, 1984.

Well LO6-13X
Block 22A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut Of Fluor
4380	4390	90	SH	Cy. Cy-brnsh, sxt, sl mic. mic, ooc mic carb diss, sl calc in pt, sb-pty.	N.F	
		10	S/st	Lt Cy, fine, VF gas, carb to ss, calc, blk.		
				<u>Acci</u> Tr Del.		
4390	4400	50	SH	Cy. Cy-brnsh, sxt, smooth, sb-pty.	5%	wh dull to sl yellow flavor v. slow cut
		20	S/st	Wh-Cy sh, Lt Cy in pt, fine/sl cr, ooc mic-mic, calc, VF gas, carb to ss, blk.		
		30	SS	Wh-Cy sh, Wh-Cy sh in pt, Lt to gas, F-M gas usually, calc cut, p. vis per, p. srt near-sltly cut, sl cr.		
				<u>Acci</u> Tr Calc.		
4400	4410	60	SH	Pred. Cy-brnsh, Cy in pt, sxt, sl mic-mic v. ooc mic-carb diss, sb-pty.	5%	A/A.
		20	S/st	Wh-Cy sh, Lt Cy in pt, fine/sl cr, TT, dty, calc, slty-calc cut, blk.		
		20	SS	Wh-Cy sh, Lt to gas, VF 30% gas, F 50%, M 20% gas, carb to slty, v. p. vis per, p. srt.		
				<u>Acci</u> Tr Del, Tr Calc.		
4410	4420	80	SH	Pred. Cy-brnsh, Cy, sxt, mic-mic, pty.	N.F	
		20	S/st	Lt Cy, Wh-Cy sh in pt, fine, dty, calc, blk.		
				<u>Acci</u> Tr Del, Tr Calc.		
4420	4450	60	SH	Cy-brnsh, Cy, sxt, smooth on surf, pty.	5%	wh sl yellow flavor v. slow cut.
		20	S/st	Lt Cy, fine/sl cr, mic-carb diss, VF gas, carb to ss, w/coast wst g. mic incls.		
		20	SS	Wh-Cy sh, VF 40%, F 40%, M 20% gas, v. p. vis per, p. srt, carb to slty, calc cut w/coast wst incls, sl dty, fine/sl hd.		
				<u>Acci</u> Fr Del, Tr Calc, Tr Pyr.		

Prepared by R. MORANTE

Date June 11th, 1984.

Well LOG-13X
Block Z2A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Out Of Fluor
4310	4320	60	SH	Lt Coy, sft/v sft, unc-unc, slunc-carb diss, cole in pt, smooth on surf, sb-pty. sl r/s	N.F	
		20	slst	Lt Coy, wlysh, km/sst/lnd, w/cole dote incl, cole, VF grs, Eide to ss, blk.		
		20	SS	wlysh, wh. Gysls, VF 40%, F 40%, M 20%. grs, v. p. vis por, p. srt, cole cut, men wtx, drt, sl lnd/occ r/s. <u>Acci Tr Cole. Tr Dol.</u>		
4320	4330	70	SH	Lt Coy, v. sft, unc-unc, smooth, pty.	N.F	
		20	slst	Lt Coy, wlysh, VF grs, Eide to ss, cole, blk.		
		10	SS	wlysh, continue ss above, cole cut, lnd. <u>Acci Tr Cole. Tr Dol.</u>		
4330	4360	80	SH	Lt Coy, v. sft, unc-unc, unc-carb diss, sl cole in pt, smooth on surf, sb-pty.	N.F	
		20	slst	wlysh, Lt Coy, km/sst/lnd, VF grs, Eide to ss, cole, unc-carb, drty, sb-blk.		
				<u>Acci Tr Cole</u>		
4360	4370	90	SH	Lt Coy, sft, unc-unc, slunc-carb, sb-pty.	N.F	
		10	slst	wlysh, km, VF grs, Eide to ss, cole, unc-unc, sb-blk.		
				<u>Acci Tr Dol, Tr Dol</u>		
4370	4380	70	SH	Lt Coy, sft, continue ss above.	N.F	
		30	slst	wh. Gysls, Lt Coy, km/sst/lnd, slunc-unc occ unc-carb, drty, cole, sb-blk. <u>Acci Tr Dol, Tr Cole</u>		

Prepared by R. MORANTE

Date June 11, 1984.

Well 206-13x

Block 22A

Parcel 21

Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut Of Fluor
4200	4220	80	SH	DK Coy, Coy, Coy-brush in pt, srt, slmic-carb, unc pyr diss, non calc/stone row gas, smooth on surf, sb. pthy / pthy.	N.F	
		20	slst	Lt Coy, wh-Coy sh in pt, fine, VF gas, ends to ss, unc of coal incls, calc, shly, blk.		
				<u>Acci Tr Del, Tr Cole</u>		
4220	4240	80	SH	Lt brn, Coy-brush, Coy, srt, slmic-unc, occ unc-carb diss, non calc, smooth, pthy.	N.F	
		20	slst	Lt Coy, fine, slmic-unc, calc, VF gas, blk.		
				<u>Acci Tr Del</u>		
4240	4260	70	SH	Lt Coy, Coy, srt, slmic-carb diss, occ unc-unc, stone in pt, sb. pthy.	N.F	
		30	slst	Lt Coy, wh-Coy sh in pt, fine / med in pt, VF gas, ends to ss, unc-carb diss, w/ unc incls, sb. blk.		
				<u>Acci Tr Del</u>		
4260	4290	90	SH	Lt Coy, v. srt, unc-unc/v. unc-unc, non calc, v. smooth on surf, sb. pthy.	N.F	
		10	slst	Lt Coy, wh-Coy sh, fine, slmic-unc, VF gas, rough on surf, calc, blk.		
				<u>Acci Tr Del</u>		
4290	4310	80	SH	Pred. Lt Coy, v. srt, unc-unc, occ unc-pyr diss, v. smooth on surf, pthy, A/R.	N.F	
		20	slst	Lt Coy, wh-Coy sh, fine / st med, VF gas, ends to ss, calc, slmic-carb diss, rough on surf, sb. blk.		
				<u>Acci Tr Cole, Tr Del.</u>		

Prepared by R. MORANTE

Date June 10th, 1984

Well 206-13x
Block 22A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Out Of Fluor
4120	4140	10	SH	Cg, Cg-brushrupt, srt, unc-carb diss, ore unc. unc, sl calc, sl kis, sb-pty.	5x	wh sltydsh fluor
		50	S/st	Cgsh, wh-Cgshrupt, km/sl kis, unc-unc, sl unc-carb diss, sl unpyr diss, calc, UF gas, ends to ss, sb-bkly.		v. slw wk wlyshcut
		40	SS	Whysli, Lt Cgrupt, Gt gas, UF 30%, F 30%, M 40% gas, p vis por, p srt, w/ cost unat, Pyr xlu, unc incls, Fr calc ant, dirty, ends to sltyrupt, sl kis. <u>Acci</u> Abnt Pyr, unc xlu Fr calc, Te shell frags.		
4140	4170	60	SH	Pred. Cg, Cg-brushrupt, srt, smooth, pty.	N.F	
		30	S/st	Cgsh, km/sl kis, w/cost unat incls, UF gas, ends to ss, calc, dirty, sb-bkly.		
		10	SS	Whysli, Lt Cgrupt, UF 30%, F 40%, M 30% gas, ends to slty, v. p vis por, p srt, w/uncs p cost unat incls, sl kis/perm. <u>Acci</u> Fr Pyr unc xlu, Te calc, Dol.		
4170	4180	80	SH	Pred. Cg-brush, Cgrupt, srt, sl unc-unc, ore unc-carb diss, smooth as surf, sb-pty.	N.F	
		20	S/st	Lt Cg, km, calc, dirty, rough on surf, bkly. <u>Acci</u> Fr Dol, Te Pyr.		
4180	4200	70	SH	Pred. Cg-brush, DK Cg, srt, sl unc-carb diss, slw rupt, smooth, sl kis, pty.	5x	wh shell fluor
		10	S/st	Lt Cg, km/sl lnd, unc-unc, unc-carb.		v. slw cut.
		10	SS	Lt Cg, wh-Cgsh, UF-Fgas unatly, p vis por p srt, ends to slty, calc ant, dirty, sl lnd.		
		10	SD	A/A. <u>Acci</u> Fr Dol, Te Pyr, unc.		

Prepared by TE. MORANTE

Date June 10th, 84.

BELCO PETROLEUM CORPORATION OF PERU

(SUCURSAL DEL PERU)

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Well 206-13X

Block 22A Parcel 21

Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4060	4070	50	SH	Coy. Coy. breccia in pt, sst, slawc-wic, mod. r. 6	5%	yell/gold fluor slw slwk yell gas b cut encrusted
		30	S/st	Lt Coy, why slw in pt, crin/sst/r. mic. carb diss, calc. w/ mic. incls, VFgs, 6 to 6 to ss, sb-bkly.		
		20	SS	why slw, G to gss, F-M gss mainly, p. vis per. p. sst, encr. calc, encr. wtx, w/ constant of calc incls, slawc-wic, sl fri.		
				<u>Acci. Tr Pyr, Tr Calc.</u>		
4070	4080	30	SH	Coy. sst, slawc-wic, ooc mic. carb diss, U. ooc mic. pyr diss, mod. calc, sb-ppty.	5%	A/A.
		20	S/st	Lt Coy, why slw in pt, crin, VFgs, rough.		
		30	SS	why slw, G to gss, F-M gss mainly, w/ DK gas incls, p. vis per, calc cut, sl wtx, sl fri		
		20	SD	why, Hy, G to gss, M 30%, C 40%, VC 30% gss, sb-rd/sb-ang, p. sst.		
				<u>Acci. Tr Pyr, mic. xln, Fr Calc, Tr Shell frag, mic.</u>		
4080	4090	30	SH	Coy. Coy. breccia in pt, sst, slawc-wic, mod. r. 6	5% -15%	wh slw slwk fluor slw v. wtk why slw cut.
		10	S/st	Lt Coy, crin, rough. sst, calc, mic. carb.		
		20	SS	why slw, VF 30%, F 30%, F-M 30%, M 10%, p. sst		
		40	SD	why, Hy, G to gss, M 50%, C 40%, VC 10%, p. sst		
				<u>Acci. Fr Pyr, Tr Shell frag, Tr Calc.</u>		
4090	4120	30	SH	Coy. sst/sst crin in pt, mic. mic. sb-ppty.	5%	A/A.
		30	S/st	Lt Coy. why slw, crin, VFgs, 6 to 6 to ss, sl in pt, w/ constant of calc, mic. incls		
		30	SS	why slw, p. vis per, p. vis per, 6 to 6 to ss		
		10	SD	why, Hy, G to gss, M 30%, C 60%, VC 10% gss		
				<u>Acci. Fr Shell frag, Tr Pyr, Calc.</u>		

Prepared by R. MORANTE

Date June 10th, 1984

Well 606-13X
Block 22A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4000	4010	30	SH	Pred. Gy, sft, mic-mic, slmic-carb diss smooth on surf, sb-pty.	-5%	wh sl dull
		10	slst	Lt Gy, whysli in pt, mm, slmic-py, diss		fluer
		40	SS	whysli, G to gr, F 30%, F-M 40%, M 30% grs, p/fruiger p. srt, sbt calc cut, mm. wtx, sl ch by solumpt, sl cu/ru.		slu cut wh yellow
4010	4030	20	SD	whys, Hy, G to grs, F 20%, M 40%, C 30% grs, pred sb-rd/sb-aug, sug/pd rew, p. srt. <u>Acci Tr Shell rises, Fr Calc, Tr Pyr.</u>		
		30	SH	Gy, sft, slmic-carb diss, mic-mic, sl fis, non calc/sl calc rew, smooth, sb-pty.	-5%	A/A.
		10	slst	Lt Gy, mm/sl ind, w/calc of mm in ls.		
		10	SS	whysli, G to grs, F-M grs mainly, s/p. 1/2 per, p. srt, sbt calc cut, sl cu		
4030	4050	50	SD	whys, Hy, G to grs, M 40%, C 60% grs, pred. sb-rd/sb-aug, sug/pd rew, Fr srt. <u>Acci Tr Shell rises, Fr Calc, Tr Pyr.</u>		
		20	SH	Pred. Gy, Gy-brushli in pt, sft, ss about.	-5%	A/A.
		10	slst	Lt Gy, mm, mic-mic, slmic-carb, b/ky		
4050	4060	70	SD	whys, Hy, G to grs, M 40%, C 60% grs, Fr srt. <u>Acci About Shell rises, Fr Calc, Tr Pyr.</u>		
		20	SH	Gy, Gy-brushli in pt, sft, slmic-mic, slrole in pt, sb-pty.	15%	yel gold
		80	SD	whys, Hy, G to grs, M 30%, C 50%, VC 20% grs, sb-rd/sb-aug, Fr/p. srt. <u>Acci Tr Shell rises, Fr Calc, Tr Pyr.</u>	-30%	fluer slu/crslug yel grsl cut.

Prepared by TR. MORANTE

Date June 7th, 1984.

Well LOG-13X
Block 22A Parcel 21
Area LOGITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3920	3940	20	SH	Coy, Lt Coy in pt, sct, slanc. carb diss, slanc. pyr diss, sb. blk/ply.	30% -50%	wh brn fluor
		10	S/st	Lt Coy, crin/sl xii, VFys, Grd to ss.		fr cut
		70	SS	Whysls, Gt to gr, w/coast wst slanc incls, VF 20%, F 40%, M 40% gr, pfr vis per, f/p. sct, calc cut, even wtx sl xii/lnd.		sl strong whysls (curves ring)
				<u>Acci</u> Abut Shell areas, Fr Calc, Fr Coal trans intbed w/ pyr. sln.		
3940	3970	70	SH	Coy, Lt Coy in pt, sct, uncc. carb diss, uncc. calc, v. occ uncc. pyr diss, sb. ply.	-5%	yell gold. fluor
		20	S/st	Lt Coy, wh. Gysls in pt, crin/sl xii, w/fin incls, slanc. pyr diss, calc, blk.		slu cut
		10	SS	Whysls, VF 30%, F 30%, M 40% gr, w/coast wst incls, w/fin incls, calc cut even wtx, sl xii/lnd.		wh gysls (curves ring)
				<u>Acci</u> Fr Dol, Tr Calc, Coal wst.		
3970	3990	60	SH	Pred. Coy, Coy-brnsh in pt, sct, slanc. uncc, occ uncc. pyr diss, occ sl calc, smooth in sct.	-5%	A/A.
		20	S/st	Whysls, crin, VFys, uncc incls, calc, blk.		
		20	SS	Whysls, Gt to gr, VF 20%, F 20%, F-M 20%, M 40% gr, f/p. vis per, p. sct, calc cut, fr		
				<u>Acci</u> Fr Dol, Fr Calc.		
3990	4000	60	SH	Coy, sct/v. sct, sl calc in pt, occ uncc. uncc.	-5%	A/A.
		30	S/st	Lt Coy, Coy, crin, slanc. uncc, occ uncc. carb diss, Grd to ss, calc, sb. blk.		
		10	SS	Whysls, con tinence ss above.		
				<u>Acci</u>		

Prepared by R. MORANTE

Date June 9th, 1984.

BELCO PETROLEUM CORPORATION OF PERU

(SUCURSAL DEL PERU)

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Block 22A Parcel 21

Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3860	3870	80	SH	Coy, DK in pt, set/sl crin in pt, slunc- mic, oie mic carb diss, unccole, sb-plt,	N.F	
		10	slst	Lt Coy, crin/sl crin, a/coel incls, VF gas.		
		10	SS	Crd to ss, calc cut, rough on surf, blk, wh-Coy sl, Lt gas, F 70%, M 30% gas, p. srt, p. vis per, calc cut, w/coel in pt incls, unccole, sl dty, sb-blk, slhd.		
				<u>Acci Tr Del, Tr Cole</u>		
3870	3880	50	SH	Coy, DK in pt, set, slunc-carb diss, sb-plt,	15%	yell dull
		20	slst	Lt Coy, crin, VF gas, calc cut, w/DK gas incls, Crd to ss, w/uncc incls, sb-blk,		fluor
		30	SS	Wh-Coy sl, Lt gas, F 70%, M 30% gas, A/A.		slu slt
				<u>Acci Fr Del, Tr Cole</u>		unq sh cut.
3880	3890	40	SH	Pied Coy, set, slunc-carb, smooth, sb-plt,	15%	yell gold
		20	slst	Lt Coy, Coy, crin/sl crin in pt, rough on surf, v. uncc-carb diss, uncc incls, blk,	30%	sl dull
		40	SS	Wh-Coy sl, wh-Coy sl, VF 20%, F 40%, M 40% gas, p. srt vis per, p. srt in pt, w/uncc Coel incls, slnt calc cut, uncc in pt, slhd.		fluor
				<u>Acci Tr Cole, Tr Del</u>		slu cut yel gas
3890	3920	50	SH	Coy, DK Coy in pt, set, slunc-carb diss, blk,	5%	A/A.
		30	slst	Lt Coy, crin/sl brd, VF gas, Crd to ss, uncc-carb diss, w/uncc incls, calc, sdy wtx, rough on surf, sb-blk,		
		20	SS	wh, wh-Coy sl, Lt gas, w/uncc float uncc incls, p. vis per, p. srt, calc cut, uncc wtx, slhd, fccu		
				<u>Acci Tr Cole, Tr Py, uncc sl</u>		

Prepared by R. MORANTE

Date June 9th, 1984

BELCO PETROLEUM CORPORATION OF PERU

(SUCURSAL DEL PERU)

Well 606-13X

Block 22A Parcel 21

Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3730	3760	90	SH	Pied. Coy. Lt Coy in pt, sst, slanc-emb diss, non calc, sb. silty/sb-pty.	N.F.	
		10	slst	wh-yelsh, Lt Coy in pt, slanc-emb, w/coal incls, calc, VF gas, Grde to ss, sb. blk.		
				Acci To Del, Tr Cole.		
3760	3780	60	SH	Coy. Lt Coy, sst, continue as above.	5%	wh yelsh
		10	slst	Lt Coy, fine, VF gas, slanc-emb, sb. blk.	-15%	flour
		30	SS	Whysls, wh-Coysh in pt, F 30%, F-11 70% gas, p/r vis per, sst, calc aut, w/DK muds incls, sl ch, slau/sst ind.		sl wk whysls on cut
				Acci About Cole, Tr Del		
3780	3800	60	SH	Coy, sst, slanc-emb diss, non calc, sb. blk.	5%	A/A.
		20	slst	Lt Coy, fine, mic-emb, w/coal incls, VF gas, Grde to ss, calc, sb. blk.	-15%	
		20	SS	Whysls, Gt gas, VF-F 70%, M 30% gas, p/r vis per, p. sst, w/coal incls, calc aut, mic aut, sl ch, slau/sst ind.		
				Acci About Cole, Tr Del, Py, btry		
3800	3830	70	SH	Coy, sst, mic-emb, slanc-emb diss, sl sdy in pt, calc sl rough, non calc, sb. pty.	5%	A/A.
		20	slst	Lt Coy, fine, slanc-emb, w/coal incls, v. calc, VF gas, rough on surf, sb. blk.		
		10	SS	wh-Coysh, Gt gas, VF-F 80%, M 20% gas.		
				Acci To Del, Tr Cole, Microfoss.		
3830	3860	70	SH	Pied. Coy, DK Coy in pt, sst, continue as above	N.F.	
		30	slst	Lt Coy, fine, VF gas, Grde to ss, calc, mic- emb, slanc-emb diss, sb. blk.		
				Acci Fr Del, Tr Py, Tr Cole.		

Prepared by R. MORANTE

Date June 8th, 1984.

BELCO PETROLEUM CORPORATION OF PERU

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Well LOG-13X

Block 22A Parcel 21

Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3610	3630	80	SH	Pred. Coy. sst / v. sst, sl mic. mic, sl mic-carb diss, unccole, sb. platy.	N.F	
		20	S/sst	Lt Coy. Finer, mic. mic, VF grs, Grd to ss, cole, sb. blkly.		
				<u>Acci</u> Fr. Del. To Cole.		
3630	3650	80	SH	Coy, Lt Coy in pt, sst, mic. mic, unccole, sl mic-carb diss, sb. platy.	N.F.	yell dull
		10	S/sst	Lt Coy, w/ly sl in pt, Finer, sbut cole, blkly.		fluor
		10	SS	Lt Coy, wh. Coy sl in pt, VF-Fgrs, Mgrs, few, p. vis per, w/ fcrst mnt incls, sl mic		v. slw cut.
				<u>Acci</u> Fr. Del. To Cole.		
3650	3670	90	SH	Lt Coy, Coy, sst, sl mic. mic, occ unccole, carb diss, unccole, occ sl rough on surf, sb. blkly.	N.F	
		10	S/sst	Lt Coy, wh. Coy sl, mic. mic, sl mic-carb diss, v. cole, sb. blkly.		
				<u>Acci</u> Tr. Del. To Cole.		
3670	3700	80	SH	Lt Coy, Coy, sst, mic. mic, sl mic-carb diss, continue ss above	N.F	
		20	S/sst	Lt Coy, Coy, Finer, VF grs, Grd to ss, blkly.		
				<u>Acci</u> Tr. Del. To Cole.		
3700	3730	90	SH	Pred Coy, sst, v. mic. mic, sl mic-carb diss, unccole, smooth on surf.	N.F	
		10	S/sst	Lt Coy, Coy, mic. mic, rough on surf, sl mic-carb diss, cole, VF grs, Grd to ss, sb. blkly.		
				<u>Acci</u> Tr. Del. To Cole.		

Prepared by R. MORANTE

Date June 8th, 1984.

BELCO PETROLEUM CORPORATION OF PERU

(SUCURSAL DEL PERU)

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Well LO6-13x
Block ZZA Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3560	3570	80	SH	Cay, Lt Cay in pt, sft, mod. mic-mic, sl mic. carb. diss, uncalc, v. sl mic. py. diss, smooth on surf, sb-pty/pty.	N.F	
		10	Sst	Lt Cay, knifst ind, mic-mic, w/coast int incls, v. calc, sb. blk, blk.		
		10	SS	wh. yelsh, yelsh in pt, VF-F 70% gr, M 30% gr, v.p. vis per, p. sft, w/coast int incls, sbst calc cut, slty-calc intx, drty, sl knifst ind in pt. <u>Acci. Tr Del, Tr Calc, Tr Pyr.</u>		
3570	3580	70	SH	Pred. Cay, Cay. knish in pt, sft, uncalc.	N.F	
		10	Sst	Lt Cay, Cay, kni, v. calc, rough, blk.		
		20	SS	Pred. yelsh, wh. yelsh, VF-F 30%, M 50% gr, w/coast int of DK grs incls, v.p. vis per, sbst calc cut, drty, sl kni.		
				<u>Acci. Abut Del, Tr Calc, Tr Pyr.</u>		
3580	3590	70	SH	Cay, Lt Cay in pt, sft, v. sft, v. mic-mic, acc sl mic. carb diss, uncalc, sb. blk.	N.F	
		20	Sst	Lt Cay, Cay in pt, knifst kni, mic-mic, sl mic-carb, VF grs, ends to ss, calc.		
		10	SS	Continue yelsh, Caysh in pt, VF-F 60%, M 40% gr, uncalc cut, v.p. vis per, kni.		
				<u>Acci. Tr Del, Tr Calc, Tr Pyr.</u>		
3590	3610	60	SH	Cay, sft, v. mic-mic, smooth on surf, pty-5x		yell dull
		20	Sst	Lt Cay, Cay, kni, mic-mic, v. calc, VF grs, blk.		flavor
		20	SS	Lt Cay, yelsh in pt, 60% gr, pred. as above, w/coast of DK grs incls, sbst calc cut. <u>Acci. Abut Del, Tr Calc.</u>		v. slw cut.

Prepared by R. MORANTE

Date June 8th, 1984.

Well 206-13x
Block 22A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3430	3460	90	SH	DK Gy, Gy in pt, sft, v. ooc mic. carb diss, new calc, v. smooth on surf, pty.	N.F	
		10	S/st	Lt Gy, Wht. Gy sh in pt, fine, w/ root incls, calc, shunc. mic, sb. blk.		
				<u>Acci Fr Del, Tr Calc.</u>		
3460	3490	90	SH	Gy, DK Gy, Gy-brush in pt, sft/st fine in pt, shunc. mic, ooc mic. carb diss, new calc, sl ris, shrough on surf, sb. pty.	N.F	
		10	S/st	Lt Gy, Wht. Gy sh in pt, fine/st fine in pt, VF gas, w/ coal wst incls, v. calc, blk.		
				<u>Acci Fr Del, Tr Calc.</u>		
3490	3520	100	SH	Lt Gy, Gy, Gy-brush in pt, sft, shunc mic, ooc mic. carb diss, sl smooth on surf, new calc, sl ris, sb. pty.	N.F	
				<u>Acci About Del, Tr Calc.</u>		
3520	3540	90	SH	DK Gy, Gy-brush in pt, sft, shunc. carb diss, v. ooc mic. pyr, new calc, sb. blk.	N.F	
		10	S/st	Lt Gy, Gy, wly sh in pt, calc, blk.		
				<u>Acci Fr Del, Tr Calc.</u>		
3540	3560	70	SH	DK Gy, Gy-brush, Gy, sft, shunc. mic smooth on surf, new calc, sb. blk.	N.F	
		20	S/st	Lt Gy, Wht. Gy sh, fine, VF gas, calc, blk.		
		10	SS	Wht. Gy sh, VF-gas mainly, v. p. vis per, p. sft, sb. calc, wst, sbly. calc wtx, w/ DK wst incls, ind.		
				<u>Acci Fr Del, Tr Calc, Tr Calc.</u>		

Prepared by R. MORANTE

Date June 8th, 1984

Well L06-13x
Block 22A Parcel 21
Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3370	3390	70	SH	Cay, DK Cay iupt, srt/sl crin iupt, v. sl unc. carb diss, unccale smooth an sure	N.F	
		20	Slst	Lt Cay, Cay-brush, whysli iupt, crin/sl lnd, VFgs, crde to ss, sl unc. carb diss, calc, sb. blk.		
		10	SS	whi-Cay sh, G to grs, VF-Fgs mainly p. vis por, p. srt, calc ant, sl wtx, w/DK warts incls, sl crin lnd. <u>Acci</u> Abut Dal, Fr Cole.		
3390	3410	80	SH	Cay, DK Cay iupt, srt, ss above.	N.F	
		10	Slst	Lt Cay, whi-Cay sh iupt, crin/sl cr, sl unc. carb, occ unccale, VFgs, crde to ss, calc, sb. blk.		
		10	SS	Lt Cay, whi-Cay sh, whysli iupt, VF-Fgs p. srt, p. vis por, calc ant, uncc. wtx, w/coar incls, sl crin lnd. <u>Acci</u> Abut Dal, Fr Cole, Tr Py.		
3410	3430	80	SH	Cay, DK Cay iupt, srt, sl unc. carb diss, sl vis, smooth an sure, sb. p. lly.	N.F	
		10	Slst	Lt Cay, whi-Cay sh iupt, crin, VFgs, crde to ss, unc. carb diss, w/coar incls, calc, blk.		
		10	SS	whysli, whi-Cay sh iupt, VF-Fgs, p. vis por, p. srt, calc ant, crde to sh, in pt, sb. wtx, w/DK warts incls, lnd/sl crin iupt <u>Acci</u> Fr Dal, Tr Cole		

Prepared by R. MORANTE

Date June 7th, 1984

Well **LOG-13X**
Block **22A** Parcel **21**
Area **LOBITOS OFFSHORE.**

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3230	3250	80	SH	Pred. Cay. brush, Cay, sct/sl con in pt, mod. mic-mic, occ mic-carb diss, non cole, sl scty, occ rough on surf, sb. blk, 30 S/sst Lt Cay, Cay-brush in pt, fine sl ind, v. occ mic-carb diss, occ mic petr diss, cole, w/rost porous incls, blk.	N.F	
				<u>Acci</u> Abut Del berge, Tr Cole.		
3250	3280	90	SH	Pred. Cay-brush. Cay, sct, continue A/A.	N.F	
		10	S/sst	Lt Cay, wh-Cay sl in pt, VF gas, fine sl ind, occ mic-carb diss, cole, blk.		
				<u>Acci</u> Fr Del, Tr Cole.		
3280	3300	90	SH	Pred. Cay, Lt Cay in pt, sct, sl mic-carb diss, non cole, sb. blk.	N.F	
		10	S/sst	Cay, Lt Cay, fine, mic-carb, cole, VF gas, rough on surf, blk.		
				<u>Acci</u> Fr Del, Tr Cole.		
3300	3330	100	SH	Cay, Lt Cay in pt, sct/sl con in pt, sl mic mic, occ mic-carb diss, non cole, smooth on surf, sl xrs, sb. pty.	N.F	
				<u>Acci</u> Fr Del, Tr Cole		
3330	3360	100	SH	Cay, Cay-brush in pt, sct, sl mic-carb diss, v. occ mic-mic, non cole, ss above.	N.F	
				<u>Acci</u> Tr Del, Tr Cole		
3360	3370	90	SH	Cay, DK Cay in pt, sct, occ mic-carb, v. sl mic-mic, non cole, sb. blk.	N.F	
		10	S/sst	wh sl, fine sl ind, VF gas, carb diss, sl mic-carb diss, w/porous incls, blk.		
				<u>Acci</u> Abut Del, Fr Cole		

Prepared by R. MORANTE

Date June 7th, 1984.

BELCO PETROLEUM CORPORATION OF PERU

(SUCURSAL DEL PERU)

PAGE No. 12

Well LOG-13X
Block Z2A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3090	3110	100	SH	Cay, DK Cay in pt, set/sl crin rupt, mod. mic. mic, occ mic. carb diss, v. occ mic pyr diss, non calc, sb. blk.	N.F	
				<u>Acci Abut Dol. Tr Cole.</u>		
3110	3140	90	SH	Cay. Cay. brnsh rupt, set, mod. mic. mic.	N.F	
		10	SLT	Lt Cay, crin, sl mic. mic, occ mic. carb w/ coal frags incl, VF gas, brn to ss, sb. blk, calc.		
				<u>Acci Tr Dol. Tr Cole.</u>		
3140	3160	100	SH	Pred. Cay. Cay. brnsh rupt, set, sl mic. mic, occ mic. carb, some thin surf.	N.F	
				<u>Acci Tr Dol. Tr Cole.</u>		
3160	3180	80	SH	Pred. Cay. Cay. brnsh rupt, set/sl crin rupt, sdy. VF gas, mic. carb, brn to slty mic. mic, mic. carb, sl rough on surf, non calc, sb. blk, sl pty.	N.F	
		20	SLT	Lt Cay, brnsh rupt, mod crin/pwr rtr VF gas, brn to ss, occ mic. carb diss, calc, slty intx, rough on surf, blk.		
				<u>Acci Tr Dol. Tr Cole.</u>		
3180	3200	100	SH	Cay. Cay. brnsh, set/sl crin, sl mic. mic, v. occ mic. carb diss, sl int. pyr diss in pt, non calc, sb. blk.	N.F	
				<u>Acci Tr Dol. Tr Cole.</u>		
3200	3230	90	SH	Cay. Cay. brnsh rupt, sl sdy, sl rough on surf	N.F	
		10	SLT	Lt Cay, wh. Cay, sl rupt, crin, VF gas, brn to ss, occ mic. carb diss, calc, sb. blk.		
				<u>Acci Tr Dol.</u>		

Prepared by R. MORANTE

Date June 4th, 1984.

Well LOG-13X
Block Z2A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
2930	2930	100	SH	Lt Coy, Coy, Coy-grush in pt, sft/slrm slmic-unc, occ unc-crb diss, sl-ply. <u>Acci Fr Del.</u>	N.F	
2950	2980	90	SH	Lt Coy, Coy, sft, Cont.unc ss & hwe, ply	N.F	
		10	S/s	Coy, wh-Coy sh in pt, rrm/sl ind, occ unc-crb diss, rough on surf, cde, sl mic-unc, sl-biky/biky. <u>Acci Fr Del, Tr Cole.</u>		
2980	3000	100	SH	Lt Coy, Coy, Coy-grush in pt, sft/slrm in pt, slsly in pt, unc-unc in pt, mod. unc-crb diss, w/coal vens incl, ply. <u>Acci Fr Del.</u>	N.F	
3000	3030	100	SH	Coy, Lt Coy in pt, sft/slrm in pt, unc- unc, mod. unc-crb diss, slsly, sl-ply. <u>Acci Fr Del, Tr Cole lens,</u> <u>Fr Fe red sl lens.</u>	N.F	
3030	3060	70	SH	Coy, Coy-grush in pt, sft, slsly, pred. ss & hwe.		
		30	S/s	Lt Coy, Coy, wh-sh, rrm/sl ind, unc-crb, slmic-unc, occ unc-pyr diss, VFgs, cde to ss, biky, cde. <u>Acci Fr Del, Tr Coal lens & cde.</u>	N.F	
3060	3090	90	SH	Coy, sft, mod. unc-unc, occ unc-crb diss, slsly, v. occ unc-pyr diss, non cde, sl-ply/sl-biky.	N.F	
		10	S/s	Lt Coy, rrm, unc-unc, unc-crb diss, cde, sl-biky. <u>Acci Abut Del.</u>		

Prepared By R. MORANTE

Date June 7th, 1984.

Well L06-13X
Block 22A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
2700	2720	100	SH	Cay. Lt Cay in pt, sft, mic-mic, sl mic. carb diss, non calc, occ w/UF ₂ , sb-pty. <u>Acci Fr Dal, Tr Cole.</u>	N.F	
2720	2750	100	SH	Lt Cay, Cay, sft, occ mic-mic, v. occ mic carb diss, w/Coat v. mic in pt, smooth on surf, non calc, sb-pty. <u>Acci About Dal, Tr Cole.</u>	N.F	
2750	2780	100	SH	Pred. Cay. Lt Cay in pt, sft, occ mic-mic, sl mic. carb diss, non calc, as above. <u>Acci Fr Dal.</u>	N.F	
2780	2810	100	SH	Pred. Cay, Lt Cay in pt, sft/v. sft, sl/riz smooth on surf, non calc, continue as above, pty/sb-pty. <u>Acci About Dal.</u>	N.F	
2810	2840	100	SH	Pred. Cay, Lt Cay in pt, sft, sb-pty/pty, non calc. <u>Acci About Dal, Tr Cole.</u>	N.F	
2840	2870	100	SH	Pred. Cay, occ Lt Cay, v. sft/sft in pt, mic-carb diss, sl mic-mic, sl sdy, occ rough on surf, sb-pty. <u>Acci Fr Dal.</u>	N.F	
2870	2900	100	SH	Cay. Lt Cay, sft/sl rim/v. sft, continue as above, non calc, sb-pty/sb-blky. <u>Acci Tr Dal, Tr Cole.</u>	N.F	
2900	2930	100	SH	Cay. Lt Cay in pt, sft, occ mic-py ₂ diss smooth on surf, v. occ rough, sb-pty. <u>Acci Tr Dal</u>	N.F	

Prepared By R. MORAANTE

Date June 7th, 1984.

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

PAGE No. **9**

Well **LOG-13X**
Block **ZZA** Parcel **21**
Area **LOBITOS OFFSHORE.**

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
2570	2600	90	SH	Cay, Lt Cay in pt, srt, sl mic-unc, unc-emb in pt, v. occ VF gas incls, uncut, sb-pty.	N.F	
		10	S/st	Lt Cay, Cay in pt, com, VF gas, carb to sdy, cole, rough on surf, occ mic-emb diss, sb-bkly.		
				<u>Acci</u> Fr Dal, Tr Cole		
2600	2630	80	SH	Lt Cay, Cay, srt/v. srt, unc-emb diss, occ mic-unc, VF gas incls, sl sdy in pt, sl rough on surf, non cole, sb-pty.	N.F	
		20	S/st	Cay, com, sl mic-emb diss, cole, bkly.		
				<u>Acci</u> Fr Dal, Tr Cole		
2630	2650	90	SH	Lt Cay, Cay, brkly in pt, srt, sl mic-emb diss, sl rough on surf, sb-bkly, bkly	N.F	
		10	S/st	Lt Cay, Cay - brkly in pt, com, VF gas, carb to ss, mic-emb, sl mic-unc, bkly, rough on surf.		
				<u>Acci</u> Fr Dal, Tr Cole		
2650	2680	80	SH	Lt Cay, Cay, srt/v. srt, pred. ss above.	N.F	
		20	S/st	Cay - brkly, brkly in pt, sl mic-emb, sl mic-unc, occ mic-emb, VF gas, cole, rough on surf, bkly.		
				<u>Acci</u> About Dal, Tr Cole		
2680	2700	80	SH	Cay, Lt Cay, srt, w/co sl mic-unc, sl unc-unc, non cole, sb-pty/sb-bkly.	N.F	
		20	S/st	Cay, brkly in pt, com/sd ind, unc- emb diss, cole, VF gas, sb-bkly.		
				<u>Acci</u> About Dal, Tr Cole, v. rare Pyr mic-emb		

Prepared By **R. MORANTE**

Date **June 7th, 1984.**

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

PAGE No. 8

Well LO6-13X

Block 22A Parcel 21

Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
2200'	2230'	50	SH	Gyish to Brngyish sh imp t w/ micr pyr dissm v. oc micr mica incl, sl frm, sl calc, subbly.	NF.	
		10	SLTST	Whgyish w/ micr pyr dissm v. oc micr mica incl, sl to mod frm, sl calc, sl dty, sdy stly.		
		20	SS	Wh, F60%, M20%, C20%, subang, sl fu, calc cmt, w/ micr pyr dissm v. oc micr carb incl, p- fn vis pol, sl dty.		
		20	SD	Whhy occ hy qtz grains, F-M50%, M-C 40%, C10% p. sort, subang. Acc: Abmt Dol Tr calc, mass pyr.		
2230'	2260'	80	SH	SAME AS ABOVE.	NF.	
		10	SLTST	SAME AS ABOVE.		
		10	SS	Wh, F70%, M20%, C10% subang, sl fu, sl frm, calc cmt, subang, AS ABOVE. Acc: Abmt Dol Tr calc, mass pyr.		
2260'	2270'	90	SH	SAME AS ABOVE.		
		10	SLTST	SAME AS ABOVE. Acc: Abmt Dol Tr calc, mass pyr.		
2270'	2570'	100	SH	Gyish to Brngyish sh imp t w/ micr carb & micr mica incl, sl frm, sl calc slky. Acc: Abmt Dol Tr calc, carb MAT.	NF	
Poss. CHACRA	from 2270'	(Abmt				
Lithology of Chacra Run.						

Prepared by

[Signature]

Date

JUNE 7th, 1984

BELCO PETROLEUM CORPORATION OF PERU

(SUCURSAL DEL PERU)

PAGE No. 7

Well L06-13X

Block 22A Parcel 21

Area LoB: Tos OFFshore

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
1770'	1800'	60	SH	Gyish w/ micr pyn dism v. occ micr carb incl, sl frm, sl calc, subblky.		
		40	SLTST	whgyish, F70%, M20%, VF10%, subang, sl fr, sl frm, sl calc, sdy slty w/ micr pyn dism, dty. Acc: Fr Dol Tr calc, mass pyr.	NF.	
1800'	1870'	90	SH	Brngyish To Gyish SH impt w/ micr carb v. occ micr pyn dism, sl frm, sl calc, subblky		
		10	SLTST	SAME AS ABOVE. Acc: Fr Dol Tr calc, mass pyr.	NF.	
1870'	2070'	100	SH	Gyish To Brngyish SH impt, w/ micr pyn dism v. occ micr mica incl, micr carb incl, sl frm, sl calc, subblky Acc: Fr Dol Tr calc, mass pyr.		
2070'	2090'	90	SH	SAME AS ABOVE.		
		10	SLTST	whgyish, subang to subd impt, calc, sl to mod frm, dty w/ micr carb v. occ micr pyn dism incl, sdy slty. Acc: Fr Dol Tr calc, mass pyr.	NF.	
2090'	2180'	100	SH	Gyish To Brngyish w/ micr pyn dism v. occ micr mica incl, sl frm, sl calc, sl subblky. Acc: Fr Dol Tr calc, mass pyr.		
2180'	2200'	60	SH	SAME AS ABOVE.		
		30	SS	Wh, F60%, M30%, C10%, subang, sl fr, calc cmt, subang, w/ micr pyn dism, p-fr vis por, sl dty		
		10	sd	whhy, occhy qtz grains, F-M30%, M-C50%, C20% p. soet, subang. Acc: Fr Dol, calc Tr carb MAT.	NF.	

Prepared by

[Signature]

Date JUNE 7th, 1984

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well L06-13X
Block Z2A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
1740	1770	70	SH	Lt Coy, Coy, sst, slmic. conc, oolmic. conc conc diss, w/ coal mat incls, slsdy, hard / sl rough on surk, usu rdy, pth.	N.F	
		30	Slst	Lt Coy, Coy. w/ lvsli, fine slt lrd, LF grs, E. deto ss in pt, slmic. conc, Cole sh. bl ky / bl ky. <u>Acci</u> Fr Dool, Tr Cole, Tr Pyr.		

Prepared By K. MORANTE

Date June 5th, 1984

Well LOG-13X
Block ZZA Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
1550	1600	100	SH	Lt brn. Coy. brush up pt, sst, mass, smooth on surf, sl mic-pyr diss, blk.	N.F	
				<u>Acci</u> Tr Dal.		
1600	1630			Abundant cement + CSG sluc 9 5/8" no representative samples.		
1630	1650	60	SH	Coy, Lt Coy in pt, sst, mic-mic, sl mic carb diss, non calc, mod. sdy, sb-pty.	N.F	
		20	slst	Lt Coy. Coy, Frn/sl lind, mic-carb, mic-mic, VF gas. Grd to ss, calc, blk.		
		20	SD	Wh, Hy, Gtz grs, M-C gas usually, sb-rd/sb. sug, rd ren, w. sst.		
				<u>Acci</u> Fr Cole, Fr Dal, Tr Pyr.		
1650	1680	100	SD	Wh, Hy, Clr, Gtz grs, M-C gas usually, sb-rd/sb. sug, rd/sug ren, w. sst.	N.F	
				<u>Acci</u> Fr Pyr mic-xls, Fr Cole.		
1680	1710	100	SD	Wh, Hy, Gtz grs, continue as above M-C gas usually, sb-rd/sb. sug, rd/sug ren gas, green gas rare, w. sst.	N.F	
				<u>Acci</u> Abut Pyr mic-xls, Fr Cole		
1710	1740	70	SH	Coy, Lt Coy in pt, sst/sl mass in pt, non calc, mod. sdy in pt, mic-mic, occ mic carb, occ w/ thin mids, sb-pty.	N.F	
		30	slst	Lt Coy, Coy-Wh sls in pt, ren, VF gas, Grd to ss, calc, sbst slily wtx, occ mic-carb diss, sb-blk.		
				<u>Acci</u> Fr Cole, Fr Pyr, Fr Dal.		

Prepared By R. MORNANTE.

Date June 3rd, 84.

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

PAGE No. 4

Well LOG-13X
Block Z2A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
1240	1290	70	SH	Lt brn, Bru-Coy sh, sft, slurr. carb diss, calc, mass in pt, blk Ky.	N.F	
		30	S/st	Coy, Coy. brush in pt, fine/sl in pt, slurr. carb diss, acc w/c. pyr diss, calc, sb. blk Ky / blk Ky. <u>Acci Tr Del.</u>		
1290	1340	80	SH	Lt brn, Bru-Coy sh, sft, mass, blk Ky.	N.F	
		20	S/st	Lt Coy, Coy. Coy. brush, fine, slurr. w/c acc w/c. carb diss, VF gas, calc, blk Ky. <u>Acci Tr Del.</u>		
1340	1390	90	SH	Lt brn, Coy. brush, sft/v. sft, sl mass, sl calc, VF gas, sb. blk Ky.	N.F	
		10	S/st	Lt Coy. Coy, fine/sl fine. calc, acc w/c carb diss, slty w/c, VF gas, calc to ss <u>Acci Tr Del.</u>		
1390	1450	100	SH	Lt brn, Coy. brush, sft, mass, calc, smooth on surf, blk Ky. <u>Acci Tr Del.</u>	N.F	
1450	1510	100	SH	Lt brn, Coy. brush, sft/v. sft, med. as above, calc, smooth on surf, blk Ky. <u>Acci Tr Del.</u>	N.F	
1510	1550	100	SH	Lt brn, Coy. brush, sft, mass, sl calc, continue as above, smooth on surf, blk Ky. <u>Acci Tr Del.</u>	N.F	

Prepared By TR. MORANTE.

Date June 3rd, 1984.

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

H. Corrajo

PAGE No. 1

Well 206-13X
Block Z 2 A Parcel 21
Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
				SPUDDED DRILLING AT 2400 Hrs on May 27 th , 1984		
				NO recovery samples from 390' to 558'		
				DRILLING w/ SEA WATER		
558	570	50	SH	lt brn, gy'sh brn being gy, sbblky/bkly, mod firm, sbfis/fis, in part calc, silty.	N.F	
		40	SS	gy'sh wh/gy v f occ. f grs, sbang/sbrndd, fr. srt, dity, silty mtr, calc, mod hd, dk & occ. gm grs incl, p. vis por.		
		10	SITST	IT gy, sbblky, mod firm, acc: R. dol, v rare dol & coal.		
570	600	60	SS	gy'sh wh & sl. gn'sh gy wh, v f occ. f grs, sbang/sbrndd, fr. srt, sl arg. mtr, calc, hd, dk & gm grs incl, p. vis por.	N.F	
		30	SH	gy'sh brn being gy minor brn, sbpity/sbblky, mod firm, sbfis/fis, no calc, loc. silty & carb.		
		10	SITST	IT gy, sbblky, mod firm, calc. acc: R. dol, v rare coal.		
600	680	70	SH	gy'sh brn being brn, sbpity/bkly, mod firm, sbfis grad. fis, no calc, occ. carb.	N.F	
		30	SS	gy'sh wh & sl. gn'sh gy wh, v f occ. f grs, sbang/sbrndd, fr/p. srt, dity, arg. mtr, calc, hd, dk, gm & rd'sh grs incl, p. vis por. acc: v. rare calc.		
680	750	80	SH	gy'sh brn being brn, sbpity/bkly, mod firm, sbfis/fis, no calc, occ. carb.	N.F	
		20	SS	gy'sh wh & sl. gn'sh gy wh, v f grs. occ. f & mod, sbang/sbrndd, fr/p. srt, dity, arg. mtr, calc, hd, dk, gm & rd'sh grs incl, p. vis por. acc: v rare calc & dol.		

Prepared By

A. GARRO E.

BELCO PETROLEUM CORP. OF PERU
DPTO. TECNICO

12 JUN. 1984

RECIBIDO

Date

JUN. 1ST, 1984

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)

Well 206-13x

Block 22A Parcel 21

Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
750	840	70	SH.	brn, sbplty/bkly, med frm, occ. spt, sbfis/fis, sl. calc, occ. sity & carb.	N.F.	
		30	SS.	gy'sh wh, v.f/f. grs, occ. med & crs gtz loose, p. srt, dty, arg. mtr, calc, hd, dk, gm & rd'sh grs incl, p. vis per. Acc: v. rare calc & dol.		
840	900	90	SH.	brn, sbplty/bkly, med frm, some spt, sbfis/fis, sl. calc, sity.	N.F.	
		10	SITST	IT brn, bkly, med frm, calc, loc carb. Acc: R. dol, v. rare pyr.		
900	930	80	SH.	brn & gy'sh brn, sbplty/bkly, med frm, sbfis/fis, sl. calc, sity, occ. carb.	N.F.	
		10	SITST	IT gy, bkly, spt/med frm, calc, loc carb.		
		10	SS.	gy'sh wh, v.f/f. grs, occ. med, sbang/sbrndd, fr. srt, dty, arg. mtr, v. calc, hd/v. hd, dk, gm & occ. rd'sh grs incl, p. vis per. Acc: v. rare dol		
930	970	90	SH.	brn, mmr gy'sh brn, sbplty/bkly, med frm, sbfis/fis, sl. calc, occ. sity.	N.F.	
		10	SITST	IT gy. a.a. Acc: v. rare dol & calc.		
970	1030	90	SH.	brn, mmr gy'sh brn. a.a.	N.F.	
		10	SS.	gy'sh wh, v.f/f. grs, sbang/sbrndd, fr. srt, dty, arg. mtr, v. calc, v. hd, dk, gm & rd'sh grs incl, p. vis per. Acc: R. dol, v. rare calc.		

Prepared By A. GARZO E.

Date JUN. 2ND, 1984

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)

 Well L06-13x
 Block 22A Parcel 21
 Area LOBITOS OFFSHORE
DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
1030	1090	80	SH.	brn, occ. gy'sh brn, sbpity/blk, mod frm, sbfis/fis, sl. calc, occ. sity & carb.	N.F.	
		10	SITST	brn, blk, mod frm some sft, sl. calc.		
		10	SS.	gy'sh wh, v.f. f. grs, sbang/sbrndd, fr. srt, dity, arg. mte, calc, mod hd/hd, dk & gm grs incl, p. vis per. Acc: v rare dol.		
1090	1120	70	SH.	brn minor gy'sh brn. a.a.	N.F.	
		30	SS.	gy'sh wh, v.f. occ. f. grs, sbang/sbrndd, fr. srt, dity, sity mte, calc, fr. mod hd, dk & gm grs incl, p. vis per. Acc: R. dol		
1120	1150	80	SH.	brn, sbpity/blk, mod frm, sbfis/fis, sl. calc, sity.	N.F.	
		20	SS.	gy'sh wh, v.f. occ. f. grs, sbang/sbrndd, fr. srt, sl. dity, sity mte, calc, fil mod hd, dk & gm grs incl, p. vis per. Acc: R. dol, v rare calc.		
1150	1210	90	SH.	brn, sbpity/blk, mod frm, sbfis/fis, sl. calc, loc. sity, occ. micropyr.	N.F.	
		10	SITST	lt gy, sbblk, mod frm, sl. calc. Acc: R. dol, v rare calc.		
1210	1240	80	SH.	brn, sbpity/blk, mod frm, sbfis/fis, sl. calc, loc. sity.	N.F.	
		20	SITST	lt gy, sbblk, sft some mod frm, in part calc. Acc: R. dol, v rare calc.		

Prepared By

A. GARRD E.

Date

Jun. 2nd, 1984