

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well LO6-5
Block Z2A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5640	5689	70	SH	Lt Gy, Gy, sst/slcrs, v. mic-alc, slmic, N.F. carb diss, non calc, smooth on surf, platy.		
		20	5/ST	Lt Gy, wh-Gy sl, imp, comp slcrs, mic- mic, sl calc, rough on surf, blk.		
		10	SS	Wly sl, G to gr, UF 30x, F 40x, M 30x grs, v.p. v. xpr, p. sst, cle cut, sl TT, med. hrd. <u>Acc: Tr Del, Tr Calc.</u>		
DRILLING STOPPED ON FEBRUARY 09 th , 1985 at 02:30 Hrs						

Prepared By R. MORANTE

Date February 8th, 1985.

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)

 Well LOG-5
 Block Z2A Parcel 21
 Area LOBITOS OFFSHORE.
DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5520	5540	80	SH	Cy-brnsh, Cy, sft, mod. micr-unc, sl uncr-cs6 diss, non calc, sb-blky	N.F	
		10	S/st	Wh-Cysli, wh-yelsh in pt, xrm fl brd, VF gas, brdc to ss, rough on surf, blkky.		
		10	SS	Whysli, Wh-Cysli, Qtz gas, VF40x, F40x, M20x gas, sb-sug/sb-rd, p.srt, p.vis por, calc int, brdc to slty, TT, brd.		
				Acc: Fr Dol, Tr Calc, Tr Coal bms		
5540	5560	70	SH	Cy, Cy-brnsh in pt, xrm/mod.srt, mod. uncr-cs6 diss, non calc, mod smooth, pty	N.F	
		10	S/st	Lt Cy, Wh-Cysli in pt, xrm fl brd, VF gas, brdc to ss, calc, sb-blky.		
		20	SS	Whysli, Wh-Cysli in pt, Qtz gas, F50x, M50x, gas, sb-sug, v.p.vis por, p.srt, calc int, brd.		
				Acc: Fr Dol, Fr Calc, Tr Pyrmss		
5560	5610	60	SH	Cy, Lt Cy, sft/sl xrm, mod. micr-unc, sl uncr-cs6 diss, non calc, sb-xis, sb-blky.	-5%	wh yelsh sulf clus p. cut.
		20	S/st	Wh-Cysli, Wh-Cnsli in pt, Qtz gas, VF gas, brdc to ss, calc, TT, rough on surf, blkky.		
		20	SS	Wh-Cnsli, Wh-Cysli in pt, Qtz gas, VF40x, F 30x, M30x gas, v.p.vis por, p.srt, v. brd.		
				Acc: Fr Dol, Tr Calc, Microcrss		
5610	5640	50	SH	Cy, Cy-brnsh, sft, micr-unc, sl calc sb-blky	-5%	A/A.
		30	S/st	Lt Cy, Wh-Cysli in pt, xrm, sl micr-unc calc VF gas, brdc to ss, rough on surf, sb-blky.		
		20	SS	Wh-Cysli, Wh-yelsh, Qtz gas, VF50x, F30x, M20x gas, v.p.vis por, p.srt, calc int, sl brd.		
				Acc: Fr Dol, Fr Calc, Tr Pyrmss		

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DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5400	5420	30	SH	Lt Gy, Gy, con/srt in pt, sl uncr-unc, mod uncr carb diss, non calc, sb-pty.	15%	wh yells
		20	S/ST	Wh-Gy sl, con/sl brd, VFgs, brd to ss, calc, w/ DK uncrs of uncr incls, rough, lky.		sl dth flm
		50	SS	Wh-Gy sl, Ote ges, F60%, M40%gs, p. vis por, p. srt, calc cut, w/ DK uncrs incls for Acc: Tr Shell mass, Tr Calc, Tr Dol		p/Mod. sh whysl cut
5420	5440	40	SH	Gy, sl DK Gy, srt, uncr-unc, sl uncr-unc carb diss, non/sl calc in pt, pty.	15%	A/A.
		20	S/ST	Lt Gy, Wh-Gy sl in pt, con/sl brd, VFgs, brd to ss, w/ coal cut of calc incls, calc v. rough on surf, lky.		
		20	SS	Whysl, Wh-Gy sl in pt, Ote ges, VF20%, F40%, M40%gs, p. vis por, p. srt, w/ glau incls, calc cut, sl for brd.		
		20	SD	Whysl, Hy, Ote ges, F30%, M40%, C30%gs, sb-rd/sb-sug, p. srt. Acc: Tr Shell mass, Tr Calc, Tr Py.		
5440	5490	40	SH	sl/DK Gy, Gy, con/srt, v. uncr-unc, sl uncr-unc carb diss, non calc, sb-rd, pty.	15%	A/A.
		20	S/ST	Lt Gy, Wh-Gy sl in pt, con/sl brd, VFgs, w/ pyr diss, non calc, rough on surf, lky.		
		30	SS	Wh-Gy sl, Ote ges, VF20%, F50%, M30%gs, v. vis por, p. srt, TT, calc cut, mod brd.		
		10	SD	Whysl, Ac, Ote ges, F30%, M70%gs, A/A. Acc: Tr Calc, Tr Py, mass.		
5490	5520	40	SH	Gy, uncr, srt uncr-unc, sb-pty.	5%	A/A.
		20	S/ST	Lt Gy, Wh-Gy sl, con, VFgs, rough on surf.		
		20	SS	Whysl, Ote ges, VF30%, F50%, M30%gs.	15%	
		20	SD	Whysl, Hy, Ote, F40%, M60%gs, p. srt.		

Prepared By

R. MORANTE

Date

February 8th, 1985.

BELCO PETROLEUM CORPORATION OF PERU
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Well 106-5
Block 22A Parcel 21
Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Floor	Color And Cut of Fluid
5240	5300	20	SH	Cy, sl DK Cy, sft, uncr-wic, wncole, sb-pty.	30%	whslyels.
		50	SS	Whysli, wh-gelsli in pt, Qte gas, F 30%, M 70% gas, fr vis por, fr snt, cole cut, w/DK uncr ls incls, sl cln, v. Fr/sl brd in pt.	-50%	sl but slen mod. wk wh gush cut.
		30	SD	Wh, Hy, ocr gelsli, Qte gas, M 60%, C 40% gas, sb. rd/sb-aug, fr/p. snt. <u>Acc: Fr Shell frags, Fr Cole, Tr Pyr.</u>		
5300	5350	30	SH	Cy, Cy - Gushli sft/v. sft uncr-wic, sl. uncr. carb. pis, v. smooth on surf, pty.	30%	A/A.
		60	SS	Whysli, Qte gas, F 40%, M 60% gas, fr vis por, sb-aug/sb-rd cole cut, slty mix, w/DK & glauc incls, sl cln, fri.		
		10	SD	Wh, Hy, Qte gas, M 50%, C 50% gas, p. snt. <u>Acc: Fr Cole, Fr Dol, Pyr uncr-xls Tr Micro ss, Tr Coal lumps, Tr Shell frags.</u>		
5350	5370	30	SH	Cy, Lt Cy in pt, sft/sl frn, v. smooth on surf.	15%	A/A.
		50	SS	Wh-Cy sl, wh-gushli in pt Qte gas, VF 20%, F 40%, M 40% gas, sb-aug/aug, v. p. vis por, fr snt, cole cut, sl cln, v. Fri.		
		20	Slst	Wh-Cy sl, xms/sl brd, VF gas, brd to ss, cole v. rough on surf, w/coast mst incls, blkky. <u>Acc: Tr Shell frags, Fr Cole, Fr Dol.</u>		
5370	5400	20	SH	Cy, Lt Cy, sft/corrupt, shdy, uncr-wic, blkky.	15%	A/A.
		30	Slst	Wh-Cy sl, Lt Cy, frn, VF gas, brd to ss, w/glauc incls, v. coll. rough on surf blkky.		
		50	SS	Wh-Cy sl, wh-Cy sl in pt, Qte gas, VF 40%, F 30%, M 30% gas, p. vis por, p. snt, cole cut, brd <u>Acc: Tr Shell frags, Fr Cole, Tr Pyr.</u>		

Prepared By P. MORANTE

Date February 7th, 1985

BELCO PETROLEUM CORPORATION OF PERU
 (SUCURSAL DEL PERU)

Well

206-5

Block

22A

Parcel

21

Area

LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
5110	5140	30	SH	Gy, Gy-granels, Frm/u.s.f + in pt, uncr-unc, slanc-carb diss, non coll, sb-pty.	15%	wh yelb.
		40	SS	wh-Gy sls, Qtz ges, VF 30%, F 30%, M 40% gh, Fr/g. vis por, fr set, calcant, slty mtx sl clu u.s.f	30%	sl dull slw slw slw. yelb on
		30	SD	Wly, Hy, Qtz ges, F 30%, M 70% ges, sb-zug sb-rd, fr set. Acc: Abut Dol, Abut Cole, Fr Shell Frag, Tr Pyr mass./unc-xlu.		
5140	5160	40	SH	Gy, Gy-granels, comp. u.s.f + in pt, slanc-carb diss, uncr-unc, non coll, gmo oth.	15%	A/A.
		40	SS	Wly sls, Wly-Gy sls in pt, Qtz ges, F 50%, M 50% ges, fr set, fr/p. vis por, calcant, fr.	30%	
		20	SD	Wly, Hy, Qtz ges, M 80%, C 20% ges, sb-rd/sb-zug, fr set. Acc: Fr Dol, Fr Cole, Tr Pyr mass.		
5160	5180	50	SH	Gy, Lt Gy, s.f + slanc, uncr-unc slanc-carb diss, non coll, sb-pty/sb-bkly.	15%	A/A.
		50	SS	Wly sls, Wly-Gy sls in pt, Qtz ges, M ges mainly Acc: Abut Dol, Tr Pyr, Cole.	30%	
5180	5220	40	SH	Gy, Lt Gy, s.f + u.s.f, uncr-unc, non coll, pty.	30%	wh yelb.
		60	SS	Wly sls, Wly-Gy sls in pt, Qtz ges, F 30%, M 70% gh, fr set, mod. vis por, calcant slty mtx, w/ glauc & dk uncr. le incls, sl'fri. Acc: Fr Dol, Fr Cole, Tr Pyr uncr-xlu. Coal/lens uncr-pyr.		sl br flw Mod. slw Wly sls c
5220	5240	30	SH	Lt Gy, Gy, s.f + uncr-unc, non coll, sb-pty.	30%	A/A.
		50	SS	Wly sls, Wly-yelb in pt, F 30%, M 70% ges, A/P.		
		20	SD	Wly, Hy, Qtz ges, M 70%, C 30% ges, sb-rd, fr set. Acc: Fr Shell frag, Fr Cole.		

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R. MORANTE

Date

February 7, 1985.

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DITCH SAMPLE DESCRIPTIONS

					OIL SHOWS	
From	To	%	Lith	DESCRIPTION	% Fluor	Color And Cut of Fluor
4990	5020	80	SH	Lt Coy, Coy, srt/v. srt, uncr-unc, slancr carb disc, non calc, sb-pty/pty.	-5x	wh yels dull pl p. cur
		10	srt	Lt Coy, wh-Coy sl inpt, frus/sl lrd, VF gas, carb foss, calc, rough on surf.		
		10	SS	Whysl, Qtz gas, VF 30x, F 30x, M 40x gas, p. vis por, p. srt, calc cut, sl dty, lrd.		
Acc: Fr Calc, Fr Dol.						
5020	5050	60	SH	Coy-brnsl, Coy, srt, slancr carb disc, sl uncr-unc, non calc, fis, pty.	5x	A/A.
		20	s/srt	Lt Coy, Coy, frus, VF gas, carb foss, calc, rough on surf, sb-blky.		
		20	SS	Wh-Coy sl, Qtz gas, VF 40x, F 40x, M 20x gas, sb-rd/sb-ang, p. srt, p. vis por, calc cut, slg intx, sl dty, sl lrd/occ rui.		
Acc: Fr Dol, Fr Calc, Tr Pyr xlu.						
5050	5080	70	SH	Pred. Coy-brnsl, Coy, srt, slancr-unc, pty.	-5x	A/A.
		20	s/srt	Lt Coy, Coy, frus/sl rui, w/calc of coal cut. incl.		
		10	SS	VF gas, carb foss, rough on surf, sb-blky, Whysl, Qtz gas, F 70x, M 30x gas, v.p. vis por, p. srt, calc cut, w/unc incl, sl lrd.		
Acc: Fr Dol, Tr Calc, Tr Pyr, uncr.						
5080	5110	60	SH	Coy, sl Coy-brnsl, srt, mod-unc-unc, o/s.	5x	A/A.
		20	s/srt	Lt Coy, wh-Coy sl, frus/sl lrd, w/unc of calc incl inpt, dty, carb foss, calc.		
		20	SS	Whysl, wh-Coy sl, Qtz gas, VF 40x, F 60x gas, sb-rd/sb-ang, p. vis por, p. srt, calc cut, slg intx, dty, carb foss, sl lrd.		
Acc: AQt Dol, Fr Calc, Tr Stiel rui, Tr Coal lams, Tr Pyr mass.						

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Well 106-5

Block 22A Parcel 21

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DITCH SAMPLE DESCRIPTIONS

					OIL SHOWS	
From	To	%	Lith	DESCRIPTION	% Fluor	Color And Cut of Fluor
4800	4830	60	SH	Lt Gy, sl DIC Gy, sft / sl run, uncr. mic, sl uncr. carb diss, non calc, sb. pty / pty.	15%	wh yelss sl br rdn
		20	slst	Lt Gy, wh-Gy sls in pt, run / sl run, VF gas, brd to ss, calc, w / calc incls, rough on surf.		slw slw wh ysls a
		20	SS	wh ysls, wh-Gy sls in pt, Ote gas, VF 30% F 30%, M 40% gas, p. vis par, calc cut, lmd.		
4830	4860	70	SH	Gy, sft, uncr. mic, sl uncr. carb diss, sb. pty.	5%	A/A.
		20	slst	Gy, wh-Gy sls in pt, run, uncr. mic, blk.	15%	
		10	SS	wh ysls, wh-Gy sls in pt, Ote gas, F 60%, M 40% gas, sb. run, calc cut, sl dty, lmd.		
Acc: Fr Calc, Tr Shell cross, Pyr, Dal.						
4860	4880	80	SH	Lt Gy, Gy, run / v. sft, uncr. mic, sl uncr. carb diss, non calc, granular, pty, F 13.	5%	A/A.
		10	slst	Lt Gy, wh-Gy sls in pt, run, uncr. mic, VF gas, brd to ss, w / calc incls, rough on surf, blk.		
		10	SS	wh ysls, wh-Gy sls in pt, Ote gas, F 60%, M 40% gas.		
Acc: Fr Calc, Tr Shell cross, Dal, Coal base.						
4880	4930	90	SH	Gy, sft, uncr. mic, sl uncr. carb, F 13 pty.	5%	A/A.
		10	slst	wh-Gy sls, Lt Gy, run, uncr. mic, w / calc incls, rough on surf, calc, sb. blk / blk.		
Acc: Fr Dal, Fr Calc, Tr Pyr xlu.						
4930	4990	70	SH	Gy, Lt Gy, sft, uncr. mic, sl uncr. mic sl calc in pt sb. F 13 / F 13, sb. pty / pty.	5%	A/A.
		20	slst	wh-Gy sls, run, VF gas, brd to ss, sl uncr. mic, calc, rough on surf, blk.		
		10	SS	wh ysls, Ote, VF 30%, F 30%, M 40% gas, A/A.		
Acc: Fr Dal, Fr Calc, Tr Pyr.						

Prepared By

R. M. ORANTE

Date

February 6th, 1985.

BELCO PETROLEUM CORPORATION OF PERU
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Well L06-5

Block Z2A Parcel 21

Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4690	4700	60	SH	Lt Gy, sft, micr-mic, occ mic-pyr diss non calc, v. smooth on surf, Sb-pty.	30%	Wh/yelsh fluor mod. sh. alignsh.
		40	SS	Whysli, Qtz ges, F 40%, M 60% ges, w/ micr incls, fr srt, fr vis por, calc aut, slty-calc intx, sl cln, fr/v. fri Acc: Fr Shell frags, Fr Calc, Tr Pyr.		
4700	4720	70	SH	Gy, sft/v. sft, fig/sb-fis, non calc.	15%	A/A.
		10	Slst	Lt Gy, wh-Gy sh, fr m/sl fri, micr-mic, occ mic-calc diss, calc, VF ges, Grd 6 to 9s, rough on surf, Sb-blky.		
		20	SS	Whysli, wh-Crshl inpt Qtz ges, F 40%, M 60% ges, Sb-dug/sb-ird, fr vis por, mod srt, calc aut, w/ coal mat of glauc incls, slty intx, sl fri. Acc: Fr Shell frags, Fr Calc, Tr Coal frags, Tr Pyr mic-xls.		
4720	4770	60	SH	Gy, Gy-brush inpt, sft, micr-mic, sl micr-calc diss, fig, non calc, Sb-pty/pty.	15% -30%	A/A.
		10	Slst	Lt Gy, wh-Gy sh, fr m, VF ges, Grd 6 to 9s, blky.		
		30	SS	Whysli, wh-Crshl inpt Qtz ges VF 20%, F 40%, M 40% ges, fr/p. vis por, calc aut hrd. Acc: Fr Shell frags, Fr Calc, Dol, Pyr.		
4770	4800	60	SH	Gy, Gy-brush, sft, mod. micr-mic, Sb-pty.	15%	A/A.
		20	Slst	wh-Gy sh, Lt Gy, fr m, micr-mic, calc, slty rough on surf, Sb-blky/blky.		
		20	SS	Whysli, wh-Crshl inpt Qtz ges, VF 30%, F 40%, M 30% ges, sl calc aut, p. vis por, fr/p. srt, calc aut, slty intx, sl hrd. Acc: Fr Calc, Tr Shell frags, Pyr xls.		

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From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4550	4580	60	SH	Lt Gy, Gy, sft, micr-unc, micr-carb diss	30%	wh yels.
				sl micr-unc, non calc, smooth on surf.		sl/gr fl.
		40	SS	Whysls, wh-Gysls, Qtz ges, 50% F, 50 M		Mod. wh
				ges, fr vis por, fr sft, sb-sug mainly,		Wh yels
				sb-rd rxw, calc cut, sl cln, fr		on cut
				Acc: Fr Del, Tr Calc.		
4580	4600	60	SH	Lt Gy, Gy-brnsl, Gy, sft/v sft, micr-carb	30%	A/A.
				diss, micr-unc, non calc, sb-ris, pty.		
		40	SS	Whysls, Qtz ges, F 30%, M 70% ges, fr vis		
				por, fr sft, calc cut, w/ glauc ruds		
				unf incls, slty wtx sl cln, v. fr		
				Acc: Fr Del, Tr Shell frags, Calc.		
4600	4630	40	SH	Gy, Lt Gy, v. sft/sft, micr-carb, as above.	30%	Wh y. b
		60	SS	Whysls, wh-Gysls rupt, Qtz ges, F 20%, M	50%	Fluor.
				80% ges, sb-sug/sb-rd, w/ glauc incls,		Fst str
				g. vis por, fr sft, calc cut, cln, v. fr		Wh yels
				Acc: About Shell frags, About Calc,		on cut
				Fr Coal lens, Tr Pyr.		
4630	4670	60	SH	Gy, Gy-brnsl, sft, micr-unc, sl micr-carb	30%	A/A.
				diss non calc, sb-ris, smooth on surf, pty.		
		40	SS	Whysls, Qtz ges, F 40%, M 60% ges, fr vis por		
				fr sft, calc cut, w/ glauc incls, v. fr		
				Acc: Fr Shell frags, Fr Calc, Tr Pyr.		
4670	4690	60	SH	Gy, Gy-brnsl, sft/v sft, sl micr-pyr, pty.	15%	A/A.
		10	S/S	Lt Gy, wh-Gysls, rxw sl rx; micr-unc, calc	30%	
				rough on surf, sb-biky		
		30	SS	Whysls, wh-Gysls rupt, Qtz ges, F 30%, M 70%		
				ges, fr p. vis por, p/fr sft, calc cut, sl cln, fr		
				w/ glauc incls. Acc: Fr Shell frags, Fr Calc, Pyr.		

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Date February 5th 1985

BELCO PETROLEUM CORPORATION OF PERU
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Well 206-5

Block 22A Parcel 21

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DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluid	Color And Cut of Fluid
4390	4440	30	SH	Lt Gy, Gy, sft/v. sft, sb-ris/fis, v. mic.	30%	wh yels.
				mic, mod. mic-carb diss, non calc, platy.		sl br fl
		40	SS	Whysls, wh. gush in pt, Qtz ges, F30%, cm 70% ges, sb-ris, w/fr sft, v.g. vis por		Mod slu
				w/guys incls, calc cut, cln, v. fri		Whysls a
		30	SD	Wh, Hy, Qtz ges, M60%, C40% ges, sb- rd/sb-ris, rev rug, p/fr sft.		
				Acc: Abut Del, Fr Cole, Fr Pyr		
4440	4470	30	SH	Lt Gy, Gy, v. sft, mic-mic, sb-ris, platy.	30%	A/A.
		30	SS	Whysls, wh. Gysls in pt, Qtz ges, F30%, M70% ges, fr sft, g. vis por, calc cut, fr		
		40	SD	Wh, Hy, Qtz ges, M60%, C40% ges, A/A.		
				Acc: Fr Cole, Fr Del, Fr Pyr		
4470	4480	30	SH	Lt Gy, Gy, sft, v. smooth on surf, platy.	30%	A/A.
		50	SS	Whysls, wh. Gysls, Qtz ges, F60% M80% ges, g. vis por, w. sft, calc cut, w/DIC	50%	(on res m)
				calc incls, sl cln, fr/v. sft in pt.		
		20	SD	Wh, Hy, Qtz ges, M60%, C40% ges, sb-rd/ sb-ris, rug in pt, p/fr. sft.		
				Acc: Abut Del, Fr Cole, Tr Pyr		
4480	4520	90	SH	Lt Gy, Gy, Gy-bush, v. sft, sb-ris, sl mic	5%	wh yels
				carb diss, mic-mic, non calc, sb. platy.		sl br fl
		10	SS	Whysls, Qtz ges, F50% M50% ges, v. fri.		p cut
				Acc: Fr Del, Tr Cole		
4520	4550	40	SH	Gysls, Br Gysls, sft, mic-carb diss, platy	30%	Whysls
		60	SS	Whysls, Wh. Gysls, Qtz ges, F50%, M50% ges, sb-rd/sb-ris, fr sft, g. vis por, calc cut, w/guys incls, sl cln, v. fri		br fl
				Acc: Abut Del, Fr Cole.		Fr str.
						Whysls a

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R. MOREANTE

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BELCO PETROLEUM CORPORATION OF PERU
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Well L06-5
Block Z2A Parcel 21
Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4250	4260	40	SH	Cy, sl DK Cy, sft, sl uncr. unc non calc v. smooth on surf, sb-pty/pty.	15%	yel but fluor
		50	SS	Whysls, Qtz ges, F40%, M60% ges, Fr vis por, Fr sft, Cole cut, sl cln, v. Fr.		Mod. sl w Whysls
		10	SD	Whys, Hy, Qtz ges, M50%, C50% ges, sb- rd/sb-sug, Fr/p. sft.		
				Acc: About Dol, About Pyr uncr. xls Tr Shell frags.		
4260	4280	30	SH	Cy, sft, unc unc, sl uncr. carb, sb-pty	30%	A/A.
		50	SS	Whysls, Qtz ges, F30%, M70% ges, v. Fr.		
		20	SD	Whys, Hy, Qtz ges, M70%, C30% ges, sb- rd/sb-sug, p/Fr sft.		
				Acc: Fr Dol, Fr Pyr xls, Cole.		
4280	4290	40	SH	Cy, Cy-bnsl, sft, uncr. unc, non calc, pty.	15%	A/A
		20	S/S	Lt Cy, Frm, VF ges, Qd to 99, Cole, sb-Whys		
		40	SS	Whysls, Wh-Cy sls, Qtz ges, VF 20%, F30%, M50% ges, Fr vis por, Fr/p. sft, sl Fr.		
				Acc: Fr Dol, Tr Shell frags, Fr Cole		
4290	4340	30	SH	Cy, sft, uncr. unc, as above.	30%	A/A.
		50	SS	Whys, Wh-Cy sls, F50%, M50% ges, v. Fr.		
		20	SD	Whys, Hy, Qtz ges, M70%, C30% ges, Fr sft.	50%	
				Acc: Fr Dol, Fr Cole, Tr Pyr xls. Tr Coal frags		
4340	4390	30	SH	Lt Cy, Cy, sft, sl uncr. unc, non calc, pty	30%	A/M.
		60	SS	Whysls, Qtz ges, F30%, M70% ges, Fr/p. g. vis por, Fr sft, Cole cut, sly intx, w/ DK units incl, v. Fr.		
		10	SD	Whys, Hy, Qtz ges, M70%, C30% ges, sb-rd/ sb-sug, w. sft.		
				Acc: About Dol, Cole, Fr Pyr uncr. xls		

Prepared By

R. MORANTE

Date

February 4th 1985

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well LO6-5
Block F2A Parcel 21
Area LOBITOS OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4180	4190	20	SH	Lt Gy, sft, micr-mic, sl micr-pyr d'ss, w/ Coal incl, non calc, sb-pty.	30%	wh sl yel.
		20	SS	Whysls, Qtz grs, M grs mainly, w. sft, sb-sug/sb-rd, g. vis por, calc cut, sls v. fin/fin.	-50%	v. brn flu fst strou wh gusls cut.
		60	SD	Whys, Hy, occ MIKs, Qtz grs, M 30%, C 50%, VC 20% grs, sb-rd/sb-sug, occ sug, w. sft. Acc: Fr Shell frags, Tr Coal lens pyr, Tr Pyr mss, Fr Calc.		
4190	4200	10	SH	Lt Gy, sft, micr-carb d'ss, smooth, pty.	75%	wh sl yel.
		20	SS	Whysls, Qtz grs, M grs mainly, sb-rd/sb-sug, w. sft, g. vis por, w. sft, calc cut, rft.	-100%	v. brn flu v. fst str wh gusls a
		70	SD	Whys, Hy, occ MIKs, Qtz grs, M 20%, C 80% grs, sb-rd/sb-sug, w/ fr sft. Acc: About shell frags, Fr Calc, Tr Coal lens pyr intbd, Pyr xls.		
4200	4220	90	SH	Gy, v. sft/sft, micr-carb d'ss, sl micr-mic, non calc, sb-pty/pty, v. smooth on surf.		
		10	slst	Lt Gy, km/sl kn micr-mic, sl calc, sb-bk, Acc: Fr Calc, Tr Del.		
4220	4230	80	SH	Gy, sl DK Gy, sft/v. sft, micr-mic, FIS, sl calc/non calc, smooth on surf, sb-pty/pty.	15%	wh sl yel brn flu fst str wh sl yel cut.
		20	SS	Whysls, Qtz grs, F 30%, M 70% grs, Fr vis por, Fr sft, calc cut, sls v. fin. Acc: Fr Calc, Tr Del.		
4230	4250	70	SH	Gy, sl DK Gy, sft, micr-mic, continuous above.	15%	wh yel fluor mod. sft. cut.
		30	SS	Whysls, Qtz grs, F 30%, M 70% grs, sb-rd/sb-sug, w. sft, g. vis por, calc cut, sls v. fin. Acc: About Del, Tr Pyr, Tr Shell frags, Fr Pyr.		

Prepared By R. MORANTE

Date February 4th, 1985.

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well 206-5

Block 77A Parcel 21

Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
4040	4070	60	SH	Lt Gy, sft/sl xms, micr-carb, sl/sdy, non calc, v. micr-mic, sb-fib, sb-blky.	N.F.	
		30	slst	Lt Gy, whysls, fm, micr-mic, dty, blky.		
		10	SS	wh-Gy sls, Qtz ges, VF 70x, F 30x ges, p. vis por, p. srt, calc cut, sl/dty, xri.		
				Acc: Abut Calc, Fr Del, Tr Pyr.		
4070	4090	50	SH	Lt Gy, Gy, sft/v sft, micr-carb diss	N.F.	
		30	slst	micr-mic, sl calc/non calc, sb-plty		
		20	SS	wh-Gy sls, xms/sl xri, micr-mic, VF ges, sl/dty, w/ coal inst incls, calc, blky.		
				wh-Gy sls, Qtz ges, VF 50x, F 50x ges, p. vis por, p. srt, sb-xug/sb-rd, calc cut, slty-calc wtx, sl/dty, v. xri.		
				Acc: Fr Calc, Tr Del, Tr Pyr xlin.		
4090	4130	50	SH	Lt Gy, Gy, sft, micr-mic, sl micr-carb diss	-5x.	wh yels
		20	slst	sl sdy, ool mod. rough on srt, sb-fib, plty.		sl br fl
		30	SS	wh-Gy sls, xms, VF ges. Calc to ss, w/ coal inst incls, calc, sb-blky.		p. cut
				wh-Gy sls, Qtz ges, VF 50x, F 30x ges, p. vis por, p. srt, calc cut, slty wtx, sl xri.		
				Acc: Fr Calc, Tr Del.		
4130	4150	50	SH	Lt Gy, Gy, sft/v sft, v. micr-mic, sb-plty	-5x.	A/A.
		20	slst	wh-Gy sls, xms/sl xri, v. calc, sl sdy, blky.		
		30	SS	wh-Gy sls, Qtz ges, VF 50x, F 30x ges.		
				Acc: Fr Calc, Tr Del.		
4150	4180	30	SH	Lt Gy, sft, micr-mic, sl micr-pyr diss, plty.	30%.	wh yels
		30	SS	whysls, Qtz ges, F 30x, M 70x ges, p. vis por		v. br fl
		40	SD	wh-Gy, Hy, Qtz ges, C 70x, UC 30x ges, sb-xug/sb-rd, w/ p. srt.		mod. str.
				Acc: Fr Del, Tr Sheld cross, Tr Pyr.		wh yels cut.

Prepared By

Ro MORANTE

Date

February 4th, 1985.

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well LOG-5
Block Z2A Parcel 21
Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3870	3900	90	SH	Lt Gy, Gy, v. sft/sft, micr. carb, v. micr-mic, smooth on surf, sb-pty.	N.F	
		10	S/sT	Lt Gy, fms/sl rcs, VF gas, Grade to ss mod, micr-mic, v. calc, dety, blkky.		
				Acc: Fr Del, Fr Calc.		
3900	3930	80	SH	Gy, Gy-brnsh rupt, sft slaver-mic non calc, occ slaver-pyr diss, sb-blkky/pty.	N.F	
		10	S/sT	Lt Gy, wh-Gyals rupt, fms, VF gas, Grade to ss calc, rough on surf, sb-blkky.		
		10	SS	Whysls, wh-Gyals rupt, Oite gas, VF gas mostly, v.p. vis por, p.sst, calc cut, dety.		
				Acc: About Del, Fr Calc.		
3930	3950	80	SH	Pred Gy, Gy-brnsh rupt, sft/sl rcs, micr-mic, v. calc micr-pyr diss, sl calc, sb-pty.	N.F	
		20	S/sT	Lt Gy, wh-Gyals rupt, fms/sl rcs, VF gas, Grade to ss, v. calc, dety, rough, blkky.		
				Acc: Fr Del, Fr Calc.		
3950	3990	40	SH	Gy, Gy-brnsh, sft/sl rcs rupt mod. mic carb diss, sl calc, sl micr-mic, sb-blkky.	N.F	
		20	S/sT	wh-Gyals, Gy, fms/sl rcs, micr-mic, sb-blkky, rough, sdy slty, v. calc.		
		10	SS	Whysls, wh-Gyals, Oite gas, VF gas, p.sst.		
				Acc: About Del, Fr Calc.		
3990	4040	80	SH	Gy, Lt Gy, Gy-brnsh, sl rcs, sft, micr-mic sl micr-carb diss sl calc, sb-ris, sb-pty.	N.F	
		10	S/sT	wh-Gyals, Lt Gy, fms/sl rcs, VF gas, rough.		
		10	SS	Whysls, wh-Gyals rupt Oite gas, VF gas, f-30 rcs, p.sst, v.p. vis por, calc cut mod.		
				Acc: About Calc, About Del, Calc Aus.		

Prepared By THE MORGANTE

Date February 4th, 1985

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well

LOG-5

Block

22A

Parcel

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Area

Lo B: Tos OFFshore

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3650'	3700'	90	SH	Gyish w/ micr mica v. occ micr carb ind, sl to mod frm, sl calc, subblky.		
		10	SLTST	Whgyish, Gyish w/ micr mica v. occ micr carb ind, mod frm, sl calc, dty, slty ss <u>Acc:</u> Fr Dol Tr calc.	NF.	
3700'	3750'	80	SH	SAME AS ABOVE.		
		20	SLTST	Whgyish, Gyish w/ micr mica v. occ micr carb ind, sl to mod frm, sl calc, dty, slty ss. <u>Acc:</u> Fr Dol Tr calc, carb MAT.	NF.	
3750'	3810'	100	SH	Gyish w/ micr mica v. occ micr carb ind, sl to mod frm, sl calc, subblky.		
		100	SLTST	Whgyish, Gyish w/ micr mica v. occ micr carb ind, mod frm, sl calc, dty, slty ss <u>Acc:</u> Fr Dol Tr calc, carb MAT.	NF.	
3810'	3870'	90	SH	SAME AS ABOVE.		
		10	SLTST	SAME AS ABOVE <u>Acc:</u> Tr Dol Tr calc, carb MAT.	NF.	

Prepared By

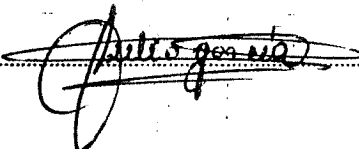
Date

February 4th, 1985.

Well L06-5
Block 22A Parcel 21
Area LaBITos OFFSHORE.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
3190'	3270'	100	SH	Gy, w/micr mica occ micr carb ind, sl frm, sl calc, subbiky	NF.	
		TRZ SLTST		whgyisth, Gyisth w/micr carb v. occ micr mica ind, sl to mod frm, sl calc. Acc: Tr calc, Dol.		
3270'	3320'	90	SH	Gyisth w/micr mica occ micr carb ind, sl frm, sl calc, subbiky.	NF.	
		10 SLTST		SAME AS ABOVE. Acc: Tr calc, Dol.		
3320'	3350'	100	SH	SAME AS ABOVE.	NF.	
		TRZ SLTST		SAME AS ABOVE. Acc: Tr calc, Dol.		
3350'	3410'	90	SH	Gyisth w/micr mica occ micr carb ind, sl frm, sl calc, sl rough surface.	NF.	
		10 SLTST		SAME AS ABOVE. Acc: Tr calc, Dol.		
3410'	3500'	100	SH	Gyisth w/micr mica v. occ micr carb ind, sl frm, sl calc, sl rough surface.	NF.	
		TRZ SLTST		SAME AS ABOVE. Acc: Tr calc, Dol.		
3500'	3650'	100	SH	Gyisth, Brngyisth w/occ micr mica v. occ micr carb ind, sl frm, sl calc, sl rough surface.	NF.	
				Acc: Tr calc, Dol, mon pyr.		

Prepared By 

Date Feb 2

Well LOG-5
Block 22A Parcel 21
Area Lobitos offshore.

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
2630	2790	100	SH	Gy, micr mic, dense, micr carb, w/ thin carbonat intbd in pt, firm. <u>acc</u> dol, calc	N	
2790	2820	90	SH	Same as above		
		10	SS	wh gysh, F, rubang, w/ dk ignsh grains, slhd, calc cont, mic incl sl shy mix, ppor <u>acc</u> dol, calc	N	
2820	2930	90	SH	Gy, micr mic, sl micr carb firm, sl tan,		
		10	sp	Gysh, shy-sltst, micr mic, micr carb, sl firm, sl calc <u>acc</u> con dol, calc	N	
2930	3000	100	SH	Same as above <u>acc</u> abdt dol, calc	N	
3000	3080	100	SH	Gy, firm, sl tan, micr mic, sl micr carb, <u>acc</u> abdt dol. calc	N	
3080	3190	100	SH	Same as above <u>acc</u> abdt dol, calc	N	

Prepared By A Velásquez V

Date Feb. 2nd, 1985

Well LOG-5
Block 22D Parcel 21
Area LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
2080	2140	90	SH	Continue brush, sl micr pyre firm, sl calc, bent Gysh, VF, oolitic, calc ent, shy mx, mic & carb mag & dol fragile, w/dec & qush grain slhd, v por <u>dec</u> calc, carb mag dol	N	
2140	2200	80	SH	Same as above	N	
		10	SP	Same as above		
		10	SS	Same as above <u>dec</u> calc, dol		
2200	2400	100	SH	Gy, micr mic, sl micr carb firm, sl fair. <u>dec</u> abdt ochre bru dol, calc	N	
<u>HACRA fm</u> <u>at 2200</u>						
2400	2390	100	SH	Gy, same as above <u>dec</u> abdt ochre dol, calc	N	
2390	2600	100	SH	Continue gysh, micr mic, sl micr carb, firm, sl fair <u>dec</u> abdt ochre bru dol, calc	N	
2600	2630	90	SH	Same as above		
		10	SP	Gysh, micr carb, firm, sl calc sl firm. <u>dec</u> dol, calc	N	

Prepared By ALVAREZ V

Date Jan. 31st, 1985

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well LOG-5
Block 22D Parcel 21
Area lobitos offshore

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
1830	1900	40	SH	bru, blk, micr pyz, sl calc, firm sl micr carb.		
PEREGRATULA		30	SP	Gysh, qdcl (VF-SS, w/carb mat & dol fragucl, calc, shd	N	
	at 1830	30	SS	lgysh, VF-F, subang, shly mix, calc cong, w/mic carb mat imp, w/dk & qu grains, v por acc carb mat, por		
1900	1960	20	SH	Same as above		
		10	SP	Same as ab	N	
		70	SS	Same as ab. acc carb mat, dol, calc		
1960	1990	40	SH	Appears qysh, micr mic, sl micr carb, firm l-brush as ab		
		10	SP	Same as above	N	
		80	SS	w-lgysh, F, subang, w/dk grains calc cong, shd, w/dk & few qu grains, p por. acc calc, dol		
1990	2020	20	SH	Continue as ab.		
		80	SS	w-lgysh, F-M, subang, calc cong, shly mix, w/qu & dk grains, carb mat, p por acc dol, calc	N	
2020	2080	80	SH	Increment of brush, micr pyz blk, sl tan, lgysh imp		
		20	SS	Same as ab acc dol, calc		

Prepared By D. Velasquez

Date Jan. 31st, 1984

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well 106-5

Block 22A Parcel 21

Area Lobitos offshore

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Fluor	Color And Cut of Fluor
1440	1560	90	SH	brush, blk, firm, sl calc, micr pyz, sl micr carb, sl bent 10 sq ft Gysk, micr carb, firm, sl calc DCC dol, calc	N	
1560	1720	100	SH	Same as above DCC dol, calc		
1750	1800	100	SH	Continue brush, micr pyz, blk sl hd, sl calc, w carb (mst) intbd in pt DCC dol, calc	N	
1800	1830	100	SH	Same as above DCC dol, calc	N	
Run 95/8' csq, shoe at 1805'				7		

Prepared By

AVE/DSQU22 V

Date

Jan. 26th, 1985

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well

LOG-5

Block

22A

Parcel

21

Area

LOBITOS OFFSHORE

DITCH SAMPLE DESCRIPTIONS

From	To	%	Lith	DESCRIPTION	OIL SHOWS	
					% Floor	Color And Cut of Floor
1100	1290	70	SH	brush, blk, firm, scale, & micr pyz, & micr carb	N	
		10	SP	Gysh, mic carb, firm, scale, w/ qush grains, shd		
		20	SS	WH-gysh, VF, subang, ydks qush grains, shd, mic & dol frag incl, vppor DCC Dol, calc		
1290	1320	70	SH	Same as above	N	
		20	SP	Same as above		
		10	SS	Same as above DCC Dol, calc		
1320	1370	80	SH	Continue brush, blk, rough surface & blk, shd, micr pyz, mic carb	N	
		10	SP	Gysh, micr mic, mic carb, firm shd, & calc		
		10	SS	Gysh, VF, subang, w/qush & dk grain carb mat & dol frag incl, shd, calc shy mix, vppor DCC Dol, calc		
1370	1440	70	SH	Same as above	N	
		20	SP	Same as above		
		10	SS	Same as above DCC Dol, calc		

Prepared By

A. Velásquez

Date

Jan. 25th, 1985

BELCO PETROLEUM CORPORATION OF PERU
(SUCURSAL DEL PERU)

Well

LOG-5

Block

22A

Parcel

21

Area

Lobitos offshore

PAGE No. 1

DITCH SAMPLE DESCRIPTIONS

					OIL SHOWS	
From	To	%	Lith	DESCRIPTION	% Fluor	Color And Cut of Fluor
				DRILLING SPUDDLED ON Jan 20 th , 1985		
				Drilling w/ sea water, no samples returned.		
				Run 13 3/8 csp shoe at 697		
720	750			Cement.		
750	780	70	SH	brush-gysh, blk, sl micr pyz, micr carb, firm, sl calc		
		10	SP	brush, micr carb, dty, slhd, sl calc		
		20	SS	Gysh, VF, subang, w/DK & quash grains, hd, calc, shy mix, upper.		
				<u>SEC DO</u> , calc		
780	840	70	SH	Same as ab		
		20	SP	Same as above		
		10	SS	Same as above		
				<u>SEC DO</u> , calc		
840	920	60	SH	Continue brush-gysh, sl micr pyz, within carb mat latbd, firm, sl calc		
		30	SP	Gysh, sdy, calc, w/shy mix, slhd, w/carb mat incl.		
		10	SS	Gysh, VF-F, subang, w/qu & DK grains, sl calc, carb mat incl, hd, shy mix, upper.		
				<u>SEC DO</u> , calc		
920	1100	80	SH	Same as above		
		20	SP	Same as above		
				<u>SEC DO</u> , calc		

Prepared By

A. Velasquez V

Date

Jan. 23, 1985

