

DAILY DRILLING REPORT

Date: 31-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est.Max. Angle 54	Estimated Ditection S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 25,007	Cum. Cost(\$) 1,020,739	Estimated depth 9,850
					Estimated Days 15

DRILLING DATA

Depth at 24:00 9803	Footage 24:00	Days on Loc. 175
Drig. Days 31	Days on Well 46	Drig. AHD(BHD)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
17	4 3/4"	MF2	16 X 3	-	-	CIRC.	-	-

SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO DRILL
WT	FVisc	PV	YP	PM	PF
12.3	53	27	30	0.4	0.15
Chlor	Calc	Filt	K	Solids	
25000	200	5.4	16.8	19	

MUD PUMP

GPM	
PSI	

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily			2.50	21.50			
Cumulative		361.50	21.00	566.50	55.50	99.50	

COMMENTS

HLS RIH TO 7200' W/ HIR-GR; POOH, REPAIRED TOOL CONNECTOR; RIH TO 9803' AND LOGGED FROM 9800' TO 9404'; HLS R/D; RIH TO 9803'; CIRCULATED; POOH L/D 2 7/8" DRILL PIPE

00:00 TO 06:00 : FINISHED L/D 2 7/8" DRILL PIPE; LAYING DOWN KELLY

Last Modification : 31-AUG-01 08:21 AM

Daily Footage :

Monthly Cumul : 1,050

Yearly Cumul : 52,180

SDR009A1.RDF

9480'
9804 7699 T/D - 7649 VSS S. 3681 W. 31.47

24'
6.924 6.726

9803' 7988 - 7938 S. 3756 W. 3166

323

83.60

12539

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 29-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 19,238	Cum. Cost(\$) 976,852	Estimated depth 9,850
					Estimated Days 15

DRILLING DATA					
Depth at 24:00	9767	Footage 24:00	93	Days on Loc.	173
Drig. Days	30	Days on Well	44	Drig. AHD(BHD)	

BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
17	4 3/4"	MF2	16 X 3	18	80	9767	93	23.5

SURVEYS		MUD DATA										MUD PUMP		
M.D.	Angle	Direction											GPM	119
			Cia		MI		DRLG. FLUID		Type		FLO DRILL		PSI	2200
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	
			12.3	53	27	30	0.5	0.2	25000	200	5.4	17.2	19	

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		23.50			.50		
Cumulative		351.00	14.00	536.00	55.50	99.50	

COMMENTS		
DRILLED FROM 9695' TO 9767'		
00:00 TO 06:00 : DRILLING AT 9788'		

Last Modification : 29-AUG-01 08:08 AM

Daily Footage : 93

Monthly Cumul : 1,014

Yearly Cumul : 52,144

SDR009A1.RDF

TO: INS MARIO CHAVEZ

Victor Delgado**From:** Ana M. Mori [morianana@petro-tech.com.pe]**Sent:** Martes, 28 de Agosto de 2001 08:10 a.m.**To:** Barbara Bruce; Lawrence Chan; manola@petro-tech.com.pe; palarcon@petro-tech.com.pe; delgadov@petro-tech.com.pe**Subject:** "Report sent from Report Builder"

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 28-

AUG

2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48		
Est. Max. Angle 54	Estimated Ditection S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 18,280	Cum. Cost(\$) 957,614	Estimated depth 9,850	Estimated Days 15
DRILLING DATA						
Depth at 24:00 9674		Footage 24:00 7		Days on Loc. 172		
Drig. Days 29		Days on Well 43		Drig. AHD(BHD)		
BIT DATA						
N°	Size	Type	Jets	WOB	RPM	Deph
16	4 3/4"	STR20	16 X 3	15	50/PP	9667
17	4 3/4"	MF2	16 X 3	15	70	9674'
SURVEYS						
M.D.	Angle	Direction	MUD DATA			
			MUD PUMP			
			Cia MI DRLG. FLUID	Type FLO DRILL	GPM 110	
			WT 12.3	FVisc 56	PV 28	YP 31
			PM 0.5	PF 0.25	Chlor 27000	Calc 200
			Filt 5.4	K 16,8	Solids 19	PSI 210
TIME BREAKDOWN						
Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily	2.00		12.50	9.50		
Cumulative	327.50	14.00	536.00	55.00	99.50	
COMMENTS						
FINISHED RIH TO 9450'; W.O. PZ-7 PUMP CYLINDER HEAD; AT 13:00 RECEIVED AND CMTSTINDERHEAD; RIH TO 9667'; DRILLED TO 9671'; CHECKED PUMP BY DROP PRESSURE, R1ALOCEATERILLED TO 9674'						
00:00 TO 06:00 : DRILLED TO 9681'; CHANGED PUMP PISTON IN #3 CYLINDER HEAD; OONTLLNE AT 9695'						

Last Modification : 28-AUG-01 08:08 AM

Daily Footage 7

Monthly Cumul : 921

Yearly Cumul : 52,051

SDR009A1.RDF

28/08/2001

PETRO-TECH PERUANA S A

DAILY DRILLING REPORT

Date: 23-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48		
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 17,376	Cum. Cost(\$) 855,082	Estimated depth 9,850	
					Estimated Days 15	
DRILLING DATA						
Depth at 24:00 9494	Footage 24:00		Days on Loc.		167	
Drig. Days 25	Days on Well 38		Drig. AHD(BHD)		(12 3/4)	
BIT DATA						
N°	Size	Type	Jets	WOB	RPM	
14	4 3/4"	DR5				
			Deph	Footage	Hrs.	
SURVEYS						
M.D.	Angle	Direction				
			MUD DATA			
			Cia	MI	DRLG.	
			FLUID	Type	FLO DRILL	
			WT	FVisc	PV	
			YP	PM	PF	
			Chlor	Calc	Filt	
			K	Solids	PSI	
			12.2	53	21	
			24	0.7	0.35	
			23000	320	5.8	
			15.6	19		
			MUD PUMP			
			GPM			
			PSI			
TIME BREAKDOWN						
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.
Daily				24.00		
Cumulative		281.00	14.00	503.50	38.00	75.50
COMMENTS						
FINISHED RIH W/ MAGNET TO 9447' AND WORKED ON BOTTOM; POOH, CHECKED MAGNET DID NOT FIND PIECE OF TONG DIE; RIH W/ 4 3/4" BIT AND JUNK BASKET AT 6611'						
00:00 TO 06:00 : CONTINUED RIH TO 9447'; CIRCULATED AND WORKED ON BOTTOM; DRILLED OUT CEMENT AND SHOE AT 9494' (AT REPORT TIME CIRCULATING)						

Last Modification: 23-AUG-01 08:44 AM

Daily Footage :

Monthly Cumul : 741

Yearly Cumul : 51,871

SDR009A1.RDF

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 22-AUG-2001

Locate: LOBHUS		Well: LO6-25S1		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost(\$) 15,768	Cum. Cost(\$) 837,706	Estimated depth 9,850
				Estimated Days 15	

DRILLING DATA					
Depth at 24:00 9494	Footage 24:00	Days on Loc. 166			
Drig. Days 25	Days on Well 37	Drig. AHD(BHD) (12 3/4)			

BIT DATA					
N°	Size	Type	Jets	WOB	RPM
				Deph Footage Hrs.	

SURVEYS		MUD DATA		MUD PUMP	
M.D.	Angle	Direction		Type	
		Cia		GPM	
WT	FVisc	PV	YP	PM	PF
		Chlor	Calc	Filt	K Solids
				PSI	

TIME BREAKDOWN					
Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.
Daily			24.00		
Cumulative	281.00	14.00	479.50	38.00	75.50

COMMENTS
 RIH AND SET ARROW PACKER AT 5823'; TESTED PACKER W/ 1050 PSI, OK.; TESTED SQUEEZE W/ 1100 PSI X 15 MIN., OK.; UNSET PACKER AND POOH LAYING DOWN TBG.; RIH 2 7/8" DRILL PIPE W/ MAGNET TO FISH PIECE OF HYDRAULIC TONG DIE

00:00 TO 06:00 : RIH 2 7/8" DRILL PIPE W/ MAGNET AT 5170'

Last Modification : 22-AUG-01 07:41 AM

Daily Footage :

Monthly Cumul : 741

Yearly Cumul : 51,871

SDR009A1.RDF

To : Mario Chavez
 From: Alan Lopez
 2 pages.

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 21-AUG-2001

Locate: LOBITOS	Well: LO6-25ST	Rig: PEPESA-48
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Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 16,848	Cum. Cost(\$) 821,938	Estimated depth 9,850	Estimated Days 15
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DRILLING DATA

Depth at 24:00 9494	Footage 24:00	Days on Loc. 165
Drig. Days 25	Days on Well 36	Drig. AHD(BHD) (12 3/4)

BIT DATA

N°	Size	Type	Jcts	WOB	RPM	Deph	Footage	Hrs.
13	4 3/4"	DR5		5-8	80	6437	CMT.	

SURVEYS

M.D.	Angle	Direction
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MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO DRILL					
WT	FVsc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
11.8	60	17	21	12	3	21000	1200	25.0		20

MUD PUMP

GPM	182
PSI	1550

TIME BREAKDOWN

	Mov.Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				24.00			
Cumulative		281.00	14.00	455.50	38.00	75.50	

COMMENTS

RIH SLICK ASSY W/ 4 3/4" BIT TAG AT 5913' (CEMENT TOP); DRILLED CEMENT TO 6140' (SOFT AND HARD INTERVALS); W.O.C.; DRILLED CEMENT TO 6437'

00:00 TO 06:00 : CIRCULATED AND POOH W/ BIT; RIH W/ ARROW PACKER AT 2000' TO TEST SQUEEZE

Last Modification : 21-AUG-01 08:43 AM

Daily Footage :

Monthly Cumul : 741

Yearly Cumul : 51,871

SDR009A1.RDF

To: Mario Chavez
From: Adam Lopez

2 pages

TO: MARIO CHAVEZ

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 20 AUG-2001

Locate: LOBITOS			Well: LO6-25ST			Rig: PEPESA-48		
Est. Max. Angle 54	Estimated Ditection S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 18,598	Cum. Cost(\$) 805,090	Estimated depth 9,850	Estimated Days 15		
DRILLING DATA								
Depth at 24:00 9494		Footage 24:00		Days on Loc.		164		
Drig. Days 25		Days on Well 35		Drig. AHD(BHD)		(12 3/4)		
BIT DATA								
Nº	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
SURVEYS						MUD DATA		
M.D.	Angle	Direction	Cia			Type	GPM	
			WT			FVisc	PV	YP
			PM	PF	Chlor	Calc	Fill	K
						PSI		
TIME BREAKDOWN								
	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing	
Daily			6.00	13.00		5.00		
Cumulative		281.00	14.00	431.50	38.00	75.50		
COMMENTS								
PERFORMED SQUEEZE JOB, PUMPED 80 BBLs OF CEMENT 13.1 PPG AND 60 BBLs OF CEMENT 15.6 PPG AND DISPLACED W/ 38 BBLs OF WATER; W.O.C.; UNSET PACKER AND POOH IN STANDS								
00:00 TO 06:00 : P/U 4 3/4" BIT AND 12 HW's; RIH W/ 2 7/8" TBG. AT 5400'								

Last Modification : 20-AUG-01 09:06 AM

Daily Footage :

Monthly Cumul : 741

Yearly Cumul : 51,871

SDR009A1.RDF

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 17

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA- AUG	
Est.Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$	Cum. Cost(\$)	Estimated depth 258
54	S-48.6-W	791,210	18,583	754,403	9,850
DRILLING DATA					
Depth at 24:00	9494	Footage 24:00		Days on Loc.	1
Drlg. Days	25	Days on Well	32	Drlg. AHD(BHD)	(12 3/4,
BIT DATA					
N°	Size	Type	Jets	WOB	RPM
SURVEYS					
M.D.	Angle	Direction			
MUD DATA					
Cia		Type			
WT	FVisc	PV	YP	PM	PF
Chlor	Calc	Filt	K	Solids	
TIME BREAKDOWN					
Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.
Daily					24.00
Cumulative	281.00	2.00	418.50	38.00	28.50
COMMENTS					
HLS TOOK CBL-GR-CCL FROM 9400' TO 5000'; WELDING BELL NIPPLE AND					
CONDITIONING RIG TO					
00:00 TO 06:00 : WELDED BELL NIPPLE AND FLOWLINE; CONDITIONING RIG TO DRILL					
SLIM HOLE					
Last Modification : 17-AUG-01 07:54 AM					
Daily Footage		Monthly Cumul 741		Yearly Cumul :	
				51,	

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 16

Locate: LOBITOS	Well: LO6-25ST	Rig: PEPESA- AUG
Est.Max. Angle 54	Estimated Ditection S-48.6-W	Estimated Cost(\$) 791,210
Daily Cost (\$) 13,585	Cum. Cost(\$) 735,820	Estimated depth 258 9,850

DRILLING DATA

Depth at 24:00 9494	Footage 24:00	Days on Loc. 160
Drlg. Days 25	Days on Well 31	Drlg. AHD(BHD) (12 3/4) 3/4

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage
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SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	Type
WT	FVisc
PV	YP
PM	PF
Chlor	Calc
Filt	K
Solids	

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.
Daily			2.00	22.00		
Cumulative		281.00	2.00	418.50	38.00	4.50

COMMENTS

R/U 3 1/2" KELLY; CONNECTED KILL LINE TO TBG. HEAD

00:00 TO 06:00 : N/U 7 1/16" BOP's; RECEIVED HLS CABIN AND R/U; RIH TO TAKE CBL-VDL-GR

CBL-VDL-GR WORKING TO PASS AT 2400'

WORKING

Last Modification : 16-AUG-01 07:56 AM

Daily Footage

Monthly Cumul :741

Yearly
Cumul :

51,

SDR009A1.RDF

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

15 Aug 2001

Date: 15

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-		AUG
Est. Max. Angle 54	Estimated Ditection S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 17,708	Cum. Cost(\$) 722,235	Estimated depth 258 9,850	DE

DRILLING DATA

Depth at 24:00 9494	Footage 24:00	Days on Loc. 159
Drlg. Days 25	Days on Well 30	Drlg. AHD(BHD) (12 3/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage
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SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	Type									
WT	FVisc	PV	yp	PM	PF	Chlor	Calc	Filt	K	Solids

TIME BREAKDOWN

	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drlg. Oper.	Rep. & Maint.	Comp. & W.O.
Daily				19.50		4.50
Cumulative		281.00		396.50	38.00	4.50

COMMENTS

Cia. K&C ATTEMPTED TAKING TEMPERATURE SURVEY BUT TOOL DID NOT PASS FROM 2800', canceled
 2000' IN CASE OF PROG. HEAD; L/D HW's AND DC's FROM STACK BOARD
 job; installed tbg.
 00:00 TO 06:00 : RECEIVED 7 1/16" BOP's, 3 1/2" KELLY, HYDRAULIC TONG; preparing to
 PREPARING TO SN/U N/U 7 1/16" BOP's

Last Modification : 15-AUG-01 08:04 AM

Daily Footage

Monthly Cumul : 741

Yearly
Cumul :

51, 871

SDR009A1 . RDF

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 14 Aug 2001

Locate: LOBITOS	Well: LO6-25ST	Rig: PEPESA- AUG
Est.Max. Angle 54	Estimated Ditection S-48.6-W	Estimated Cost(\$) 791,210
Daily Cost (\$) 77,176	Cum. Cost(\$) 704,527	Estimated depth 258 9,850

DRILLING DATA

Depth at 24:00 9494	Footage 24:00	Days on Loc. 158
Drig. Days 25 28.	Days on Well 29	Drig. AHD(BHD) (12 3/4) 37/4

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage
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SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI DRLG. FLUID		Type	FLO DRILL	
WT	FVisc	PV	yp	PM	PF
12.3	55	22	24	0.4	0.28
Chlor	Calc	Filt	K	Solids	
25000	280	5.4	16.0	20	

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.
Daily				23.00	1.00	
Cumulative		281.00		377.00	38.00	

COMMENTS

FINISHED POOH; RAN 5 1/2" CSG., SHOE AT 9474' AND F.C. AT 9420'; "BJ"

CEMENTING

00:00 TO 06:00 : FINISHED CEMENTING; SET 5 1/2" CSG. SLIPS; NIPPLING DOWN

BOP's

CEMENTING : PUMPED 20 BBLs OF MUD CLEAN + 20 BBLs OF MCS SPACER; 700 SX OF CEMENT +
CEMENT 14.1 PPG; 400 SX OF NEAT CEMENT 15.6 PPG; DISPLACED W/ 220 BBLs OF MUD

4% GEL, 14.1 PPG;

Last Modification : 14-AUG-01 08:06 AM

Daily Footage

Monthly Cumul : 741

Yearly
Cumul :

51, 871

SDR009A1.RDF

PETRO-TECH PERUANA S.A.

TO *ING. MARIO CHAVEZ***DAILY DRILLING REPORT**

Date: 13-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 18,306	Cum. Cost(\$) 627,351	Estimated depth 9,850
					Estimated Days 15
DRILLING DATA					
Depth at 24:00 9494	Footage 24:00		Days on Loc. 157		
Orig. Days 25	Days on Well 28		Orig. AHD(BHD) (12 3/4)		
BIT DATA					
N°	Size	Type	Jets	WOB	RPM
15RR	8 1/2"	MX20	24 X 3	-	-
					Deph Footage Hrs. CIRC. - -
SURVEYS					
M.D.	Angle	Direction			
MUD DATA					
Cia	MI	DRLG.	FLUID	Type	FLO DRILL
WT	FVsc	PV	YP	PM	PF
12.3	58	24	28	0.35	0.25
				Chlor	Calc
				25000	280
				Filt	K
				5.4	16.9
				Solids	20
MUD PUMP					
GPM					400
PSI					1800
TIME BREAKDOWN					
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.
Daily				19.00	5.00
Cumulative		281.00		354.00	37.00
COMMENTS					
FINISHED RIH W/ KELLY AND CIRC. TO BOTTOM (9494'); CIRCULATING; REPAIRED COUNTER SHAFT CHAIN; POOH W/ KELLY AND CIRCULATING TO 8960'; FILLING UP TRIP TANK BROKE 4" HOSE FROM BARGE TO RIG; CONNECTED 2" HOSE AND FILLED UP TRIP TANK; CONTINUE POOH L/D DRILL PIPE TO 5238'; CHANGED 4" HOSE					
00:00 TO 06:00 : FINISHED CHANGING 4" HOSE; CONTINUE POOH L/D DRILL PIPE (AT REPORT TIME POOH HW's IN STANDS)					

Last Modification : 13-AUG-01 08:22 AM

Daily Footage :

Monthly Cumul : 741

Yearly Cumul : 51,871

SDR009A1.RDF

Total 12629 +02
Orig 43 =
PW 6215 +6
lob 3080 -13
Parr 654 +3
wt 3/4 1138 -4
Onshore 499 +10

φ ranging from 3 - 15% (Avg)

PETRO-TECH PERUANA S.A.

TO: ING. MARIO CHAVEZ

DAILY DRILLING REPORT

Date: 12-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 26,790	Cum. Cost(\$) 609,045	Estimated depth 9,850
				Estimated Days 15	

DRILLING DATA		
Depth at 24:00 9494	Footage 24:00 	Days on Loc. 156
Drig. Days 26	Days on Well 27	Drig. AHD(BHD) (12 3/4)

BIT DATA								
Nº	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
15	8 1/2"	MX20	24 X 3	40	90	9494	-	-

SURVEYS												MUD DATA												MUD PUMP					
M.D.		Angle		Direction		Cia MI DRLG. FLUID						Type FLO DRILL						GPM											
						WT		FVsc		PV		YP		PM		PF		Chlor		Calc		Filt		K		Solids		PSI	
						12.4		58		24		28		0.35		0.25		26000		280		5.4		16.8		20			

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				24.00			
Cumulative		281.00		335.00	32.00		

9475 - 5984

COMMENTS
 FINISHED POOH; SCHLUMBERGER LOGGED FROM 9485' TO SHOE W/ DLL-GR POROSITY AND GR TO SURFACE; P/U BIT AND RIH
 00:00 TO 06:00 : CONT. RIH IN STANDS TO 9266 THEN W/ KELLY AT 9370'

Last Modification : 12-AUG-01 08:34 AM

Daily Footage :

Monthly Cumul : 741

Yearly Cumul : 51,871

SDR009A1.RDF

	MD	SS	SI	W	HD	36.9	212	215
Mogollan	7090	5370	2976	2820	4100	98	64	31
	7880	6018	3175	2955				
In Curt	7800	6033	3187	2959	4344			
			3560	3135				
En En	9095	7258	3558	3134	4741	55	14	6
TD.	9494	7637	3677	3177	4859			

TO : ING. MARIO CHAVEZ

DAILY DRILLING REPORT

Date: 11-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 21,888	Cum. Cost(\$) 582,255	Estimated depth 9,850
					Estimated Days 15

DRILLING DATA					
Depth at 24:00 9494	Footage 24:00 83	Days on Loc. 155			
Drig. Days 25	Days on Well 26	Drig. AHD(BHD) (12 3/4)			

BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
15	8 1/2"	MX20DX	24 X 3	40	90	9494	83	15

SURVEYS			MUD DATA										MUD PUMP	
M.D.	Angle	Direction	Cia	MI	DRLG.	FLUID	Type	FLO	DRILL	GPM	400	PSI	1800	
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	
			12.3	57	24	28	0.35	0.25	26000	300	5.4	16.8	19	

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		15.00		9.00			
Cumulative		281.00		311.00	32.00		

COMMENTS
 DRILLED FROM 9436' TO 9494' (T.D.); CIRCULATED AND POOH TO SHOE (FIRST 12 JOINTS W/ CIRCULATION), MAX PULL 470000#; RIH
 00:00 TO 06:00 : FINISHED RIH TO BOTTOM (LAST 12 JOINTS W/ CIRCULATION) CIRCULATED; POOH TO LOG (W/ CIRCULATION TO 9266', THEN IN STANDS)

Last Modification : 11-AUG-01 08:45 AM

Daily Footage : 83

Monthly Cumul : 741

Yearly Cumul : 51,871

SDR009A1.RDF

PETRO-TECH PERUANA S.A.

TO : ING. MARIO CHAVEZ

DAILY DRILLING REPORT

Date: 10-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 20,066	Cum. Cost(\$) 560,367	Estimated depth 9,850
					Estimated Days 15

DRILLING DATA					
Depth at 24:00 9411	Footage 24:00 79	Days on Loc. 154			
Drig. Days 24	Days on Well 25	Drig. AHD(BHD) (13 1/4)			

BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
15	8 1/2"	MX20DX	24 X 3	40	90	9411	79	13.5

SURVEYS			MUD DATA										MUD PUMP	
M.D.	Angle	Direction	Cia	MI	DRLG.	FLUID	Type	FLO DRILL	GPM	400				
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	
			12.3	57	24	28	0.35	0.25	26000	300	5.4	17.2	19	
												PST	1800	

TIME BREAKDOWN							
	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		13.50		2.50	8.00		
Cumulative		266.00		302.00	32.00		

COMMENTS
 POOH W/ CIRCULATION TO 9050'; CHANGED ROTARY TABLE AND COUNTER SHAFT SPROCKETS; RIH W/ KELLY TO 9347'; DRILLED TO 9411'

00:00 TO 06:00 : DRILLED TO 9431'; MADE SHORT TRIP W/ CIRCULATION AND WORKING STRING; RIH W/ KELLY; DRILLING AT 9436'

NOTE : MAX. DRAG 460000#

Last Modification : 10-AUG-01 08:06 AM

Daily Footage : 79

Monthly Cumul : 658

Yearly Cumul : 51,788

SDR009A1.RDF

PETRO-TECH PERUANA S.A.

TO : ING. MARIO CHAVEZ

DAILY DRILLING REPORT

Date: 09-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Dilection S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 19,783	Cum. Cost(\$) 540,301	Estimated depth 9,850
				Estimated Days 15	

DRILLING DATA					
Depth at 24:00 9332	Footage 24:00 122	Days on Loc. 153			
Drig. Days 23	Days on Well 24	Drig. AHD(BHD) (11 3/4)			

BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
15	8 1/2"	MX20DX	24 X 3	35-40	80-90	9332	122	18.5

SURVEYS		MUD DATA										MUD PUMP		
M.D.	Angle	Direction	Cia MI DRLG. FLUID Type FLO DRILL										GPM 400	
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI 1800
			12.2	57	24	28	0.35	0.25	26000	320	5.4	17.4	19	

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		18.50		4.50	1.00		
Cumulative		252.50		299.50	24.00		

COMMENTS
 DRILLED FROM 9233' TO 9266'; REPAIRED ROTARY TABLE CHAIN; DRILLED TO 9308'; SHORT TRIP W/ CIRCULATION TO 9143', MAX PULL 450000#; DRILLED TO 9332'; REPAIRED ROTARY TABLE CHAIN

00:00 TO 06:00 : DRILLED TO 9342'; REPAIRED ROTARY TABLE CHAIN; DRILLED TO 9347'; POOH TO 9140' TO CHANGED ROTARY TABLE AND COUNTER SHAFT SPROCKETS

Last Modification : 09-AUG-01 08:25 AM

Daily Footage : 122

Monthly Cumul : 579

Yearly Cumul : 51,709

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 08-AUG-2001

Locate: LOBITOS

Well: LO6-25ST

Rig: PEPESA-48

Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost(\$) 19,165	Cum. Cost(\$) 520,518	Estimated depth 9,850	Estimated Days 15
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DRILLING DATA

Depth at 24:00 9210

Footage 24:00

Days on Loc. 152

Drig. Days 22

Days on Well 23

Drig. AHD(BHD) (11)

BIT DATA

N°	Size	Type	Jets	NOB	RPM	Deph	Footage	Hrs.
14RR	8 1/2"	GTM1	24 X 3	10-8	90-100	REAM	-	-
15	8 1/2"	MX20DX	24 X 3	-	-	-	-	-

SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI DRLG. FLUID					Type	FLO DRILL				
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	
12.2	58	25	28	0.3	0.2	27500	280	5.4	17.5	19	

MUD PUMP

GPM	412
PSI	1450

TIME BREAKDOWN

	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				24.00			
Cumulative		234.00		295.00	23.00		

COMMENTS

FINISHED REAMING FROM 7001' TO 7159'; POOH L/D 25 JOINTS THEN IN STANDS; L/D STABILIZERS; RIH W/ SLICK ASSY TO 5960'; CUT AND SLIP DRILLING LINE; CONT. RIH TAG AT 7381'; RIH CIRCULATING TO 7581', THEN RIH IN STANDS TAG AT 8857'; RIH CIRCULATING TO 9054'; TRIP GAS CUT MUD WT. TO 11.7 PPG; CIRCULATING

00:00 TO 06:00 : FINISHED CIRCULATING TRIP GAS; REAMED TO 9210' W/ DIFFICULTY; DRILLING AT 9233'

NOTE : CONTINUE SAME DIFFICULTY TO APPLY WEIGTH ON BIT

Last Modification : 08-AUG-01 08:02 AM

Daily Footage :

Monthly Cumul : 457

Yearly Cumul : 51,587

SDR009A1.RDF

TO **ING. MARIO CHAVEZ**

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 07-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 21,038	Cum. Cost(\$) 501,353	Estimated depth 9,850
				Estimated Days 15	

DRILLING DATA		
Depth at 24:00 9210	Footage 24:00 	Days on Loc. 151
Drig. Days 21	Days on Well 22	Drig. AHD(BHD) (10)

BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
13	8 1/2"	MX20	24 X 3	35-40	80-70	9210	-	-
14RR	8 1/2"	GTM1	24X3	10	90-100	REAM	-	-

SURVEYS		MUD DATA										MUD PUMP				
M.D.	Angle	Direction	Cia		MI		DRLG.		FLUID		Type		FLO DRILL		GPM	PSI
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Fat	K	Solids			
			12.2	57	23	28	0.35	0.15	28000	240	5.4	7.8	19			

TIME BREAKDOWN							
	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				23.50	.50		
Cumulative		234.00		271.00	23.00		

COMMENTS	
POOH; M/U KEY SEAT REAMING ASSY AND RIH TO 6270'; REAMED TO 6541'	
00:00 TO 06:00 : REAMING AT 7001'	
NOTE : REAM WELL TO 7050', THEN WILL MAKE TRIP TO CONTINUE DRILLING	

Last Modification : 07-AUG-01 08:20 AM

Daily Footage :

Monthly Cumul : 457

Yearly Cumul : 51,587

SDR009A1.RDF

DAILY DRILLING REPORT

Date: 06-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Ditection S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 19,225	Cum. Cost(\$) 480,315	Estimated depth 9,850
					Estimated Days 15

DRILLING DATA					
Depth at 24:00 9210	Footage 24:00 50	Days on Loc. 150			
Drig. Days 20	Days on Well 21	Drig. AHD(BHD) (9)			

BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
13	8 1/2"	MX20	24 X 3	35-40	80-70	9210	50	10.5

SURVEYS		MUD DATA										MUD PUMP			
M.D.	Angle	Direction	Cia		MI DRLG. FLUID			Type		FLO DRILL			GPM	404	
			WT	FVsc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	1800
			12.2	57	23	28	0.39	0.15	28000	260	5.6	17.0	19		

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		10.50		6.00	7.50		
Cumulative		234.00		247.50	22.50		

COMMENTS	
DRILLED FROM 9187' TO 9210'; POOH WORKING W/ CIRC. TO 8888' THEN IN STANDS TO SHOE;;	
CHANGED TRANSMISSION BOX OF #1 DRAWWORKS ENGINE (7 HOURS)	
00:00 TO 06:00 : FINISHED CHANGING TRANSMISSION BOX; RIH TAG AT 8381'; RIH W/ CIRC. TO 8500' THEN RIH TO 9210'; CIRCULATING TO POOH	

Last Modification : 06-AUG-01 08:07 AM

Daily Footage : 50

Monthly Cumul : 457

Yearly Cumul : 51,587

TO: ING. MARIO CHAVEZ

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 05-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Ditection S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 25,666	Cum. Cost(\$) 461,090	Estimated depth 9,850
				Estimated Days 15	

DRILLING DATA		
Depth at 24:00	9160	Footage 24:00
Drig. Days	19	Days on Well
		Days on Loc.
		Drig. AHD(BHD)

BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
12	8 1/2"	GT03	24 x 3	25-30	100-80	9136	-	-
13	8 1/2"	MX020	24 x 3	35-40	80-70	9160	24	4.5

SURVEYS		MUD DATA										MUD PUMP	
M.D.	Angle	Direction	Cia	MI	DRLG.	FLUID	Type	FLO	DRILL	GPM	408	PSI	1800
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
			12.2	56	26	28	0.3	0.12	29000	200	5.6	19.2	19

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		4.50		19.50			
Cumulative		223.50		241.50	15.00		

COMMENTS
 FINISHED POOH; CHANGED BIT AND TOOK OUT 6 1/4" DC's; RIH TO 9116'; CIRCULATED BY TRIP GAS; MUD RECOVERED WEIGHT TO 12.2 PPG; RIH; DRILLED TO 9160'
 00:00 TO 06:00 : DRILLED TO 9176'; REPAIRED ROTARY TABLE CHAIN; DRILLED AT 9187'

Last Modification : 05-AUG-01 08:22 AM

Daily Footage : 24

Monthly Cumul : 407

Yearly Cumul : 51,537

SDR009A1.RDP

PETRO-TECH PERUANA S.A.

To ING. MARIO CHAVEZ

DAILY DRILLING REPORT

Date: 04-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 22,829	Cum. Cost(\$) 435,424	Estimated depth 9,850
					Estimated Days 15

DRILLING DATA					
Depth at 24:00 9136	Footage 24:00 166		Days on Loc. 148		
Drig. Days 18	Days on Well 19		Drig. AHD(BHD) (8 1/4)		

BIT DATA								
Nº	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
12	8 1/2"	GT03	24 x 3	30-35	100-85	9136	166	19

SURVEYS		MUD DATA										MUD PUMP			
M.D.	Angle	Direction	Cia		MI DRLG. FLUID					Type		FLO DRILL		GPM	458
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	1900
			12.2	62	28	33	0.25	0.10	28000	100	5.4	17.8	20		

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		19.00		4.00	1.00		
Cumulative		219.00		222.00	15.00		

COMMENTS
 DRILLED FROM 9025' TO 9029'; LIFTED STRING TO 8779' W/ CIRC. TO GAUGE HOLE; DRILLED TO 9065'; REPAIRED ROTARY CHAIN; DRILLED TO 9123'; POOH W/ KELLY AND CIRC. TO 8967' AND RIH; DRILLED TO 9136'

00:00 TO 06:00 : CIRC. AND ROSE MUD WT. TO 12.2 PPG; LIFTED STRING TO 8836' W/ CIRCULATION; PUMPED 100 BBLs OF MUD W/ FRICTION POLYMER REDUCTOR AND DISPLACED BARITE PLUG; POOH (TO CHANGE BIT AND BHA) AT 6100'

NOTE : BASAL SALINA FM. AT 9100'

Last Modification : 04-AUG-01 08:40 AM

Daily Footage : 166

Monthly Cumul : 383

Yearly Cumul : 51,513

SPR009A1.RDF

DAILY DRILLING REPORT

Date: 03-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Ditection S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 22,877	Cum. Cost(\$) 412,595	Estimated depth 9,850
Estimated Days 15					

DRILLING DATA					
Depth at 24:00 8970	Footage 24:00 175	Days on Loc. 147			
Drig. Days 17	Days on Well 18	Drig. AHD(BHD) (7 3/4)			

BIT DATA								
N°	Size	Type	Jets	NOB	RPM	Deph	Footage	Hrs.
12	8 1/2"	GT03	24 X 3	25-30	100	8970	175	18.5

SURVEYS		MUD DATA										MUD PUMP				
M.D.	Angle	Direction	Cia		MI		DRLG.		FLUID		Type		FLO DRILL		GPM	458
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	2050	
			12.0	60	28	32	0.35	0.15	28000	240	5.4	18.6	19			

TIME BREAKDOWN							
	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		18.50		2.50	3.00		
Cumulative		200.00		218.00	14.00		

COMMENTS 8904
 DRILLED FROM 8846' TO 8904'; POOH W/ KELLY AND CIRC. TO 8716' AND RIH; DRILLED TO 8920'
 LIFTED STRING TO 8876' AND REPAIRED DRAWWORKS #1 ENGINE; DRILLED TO 8935'; CHANGED
 COOLER CUP PACKING OF DRAWWORKS #1 ENGINE; DRILLED TO 8970'

00:00 TO 06:00 : DRILLING AT 9025'

Last Modification : 03-AUG-01 08:21 AM

Daily Footage : 175

Monthly Cumul : 217

Yearly Cumul : 51,347

DAILY DRILLING REPORT

Date: 02-AUG-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle	Estimated Ditection	Estimated Cost(\$)	Daily Cost (\$)	Cum. Cost(\$)	Estimated depth
54	S-48.6-W	791,210	22,652	389,718	9,850
		Estimated Days			
		15			

DRILLING DATA

Depth at 24:00	8795	Footage 24:00	42	Days on Loc.	146
Drig. Days	16	Days on Well	17	Drig. AHD(BHD)	(7 1/4)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
12	8 1/2"	GT-03	24 X 3	30	100	8795	42	4

SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI	DRLG. FLUID	Type	FLO DRILL																	
WT	12.0	FVisc	60	PV	27	YP	30	PM	0.32	PF	0.16	Chlor	27000	Calc	360	Filt	5.4	K	17.2	Solids	18.0

MUD PUMP

GPM	458
PSI	2000

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		4.00		19.50	.50		
Cumulative		181.50		215.50	11.00		

COMMENTS

REAMED TO 7440' W/ DIFFICULTY; CONT. RIH TAG AT 8016' AND REAMED TO 8056'; RIH TO 8330'; REPAIRED TRANSMISSION CHAIN; RIH TAG AT 8530'; REAMED TO 8753' (ROSE MUD WT. TO 12.0 PPG) DRILLED TO 8795'

00:00 TO 06:00 : DRILLING AT 8846'

Last Modification : 02-AUG-01 08:14 AM

Daily Footage : 42

Monthly Cumul : 42

Yearly Cumul : 51,172

SDR009A1.RDF

To: ING. MARIO CHAVEZ

PETRO-TECH PERUANA S.A

DAILY DRILLING REPORT

Date: 01-AUG-2001

Locate: LOBITOS			Well: LO6-25ST			Rig: PEPESA-48									
Est Max. Angle 54	Estimated Ditection S-49.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 19,703	Cum. Cost(\$) 367,066	Estimated depth 9,850	Estimated Days 15									
DRILLING DATA															
Depth at 24:00 8753		Footage 24:00		Days on Loc.		145									
Drig. Days 15		Days on Well 16		Drig. AHD(BHD)		(5 J/2)									
BIT DATA															
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.							
11RR	8 1/2"	CTM-1	22 22 24	-	-	REAM	-	-							
12	8 1/2"	GT03	24 24 24	-	-	-	-	-							
SURVEYS															
M.D.	Angle	Direction	MUD DATA												
			Cia		MI	DRLG.	FLUID	Type	FLO DRILL						
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	MUD PUMP	
			11.6	57	26	28	0.28	0.18	27000	380	5.4	17.2	17.0	GPM	440
														PSI	1500
TIME BREAKDOWN															
	Mov.Rig Up	Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing							
Daily					24.00										
Cumulative			177.50		196.00	10.50									
COMMENTS															
REAMED TO 6939'; CIRC.; POOH AND CHANGED BIT; RIH AT 4316'															
00:00 TO 06:00 : CONTINUED RIH TO SHOE; PUT KELLY AND CIRC.; RIH AND SET AT 7388'; CIRC., MUD WT. DROPPED FROM 11.8 TO 10.8 PPG; ROSE MUD WT. TO 11.8 PPG; REAMING W/ DIFFICULTY FROM 7388' AT 7440'															

Last Modification : 01-AUG-01 04:44 AM

Daily Footage :

Monthly Cumul : 2,763

Yearly Cumul : 51,130

SDR009A1.XOF

PETRO-TECH PERUANA S.A.

TO *ING. MARIO CHAVEZ***DAILY DRILLING REPORT**

Date: 31-JUL-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 19,641	Cum. Cost(\$) 347,363	Estimated depth 9,850
					Estimated Days 15

DRILLING DATA

Depth at 24:00 8753	Footage 24:00 	Days on Loc. 144
Drig. Days 14	Days on Well 15	Drig. AHD(BHD) (4 1/2)

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
10RR	8 1/2"	MA89PX	18x1 16x5	40	100	8753	-	-
11RR	8 1/2"	GTMI	22x2 24x1	-	-	-	REAM	-

SURVEYS

M.D.	Angle	Direction

MUD DATA

Cia	MI DRLG. FLUID				Type	FLO DRILL				
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
11.6	57	26	28	0.3	0.2	28000	360	5.4	7.4	17.0

MUD PUMP

GPM	419
PSI	1500

TIME BREAKDOWN

	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				24.00			
Cumulative		177.50		172.00	10.50		

COMMENTS
 FINISHED POOH; M/U KEY SEAT REAMING ASSY AND RIH W/ TRICONIC BIT; AT 3000' CIRCULATED;
 RIH TO 5975' AND L/D 21 JOINTS; RIH TAG AT 6239'; REAMED TO 6342'

 00:00 TO 06:00 : REAMING AT 6562'

Last Modification : 31-JUL-01 08:13 AM

Daily Footage :

Monthly Cumul : 2,763

Yearly Cumul : 51,130

SDR009A1 . RDF

TO: ING. MARIO CHAVEZ

DAILY DRILLING REPORT

Date: 30-JUL-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Difection S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 22,492	Cum. Cost(\$) 327,722	Estimated depth 9,850
					Estimated Days 15

DRILLING DATA					
Depth at 24:00	8753	Footage 24:00	62	Days on Loc.	143
Drig. Days	13	Days on Well	14	Drig. AHD(BHD)	(3 1/2)

BIT DATA									
N°	Size	Type	Jets		WOB	RPM	Deph	Footage	Hrs.
10RR	8 1/2"	MA89PX	18x1	16x5	40	100	8753	62	8.5

SURVEYS			MUD DATA										MUD PUMP	
M.D.	Angle	Direction	Cia	MI	DRLG.	FLUID	Type	FLO	DRILL	GPM	469	PSI	2000	
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	
			11.5	56	26	28	0.3	0.2	28500	400	5.4	18.0	16.0	

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		8.50		13.00	2.50		
Cumulative		177.50		148.00	10.50		

COMMENTS	
FINISHED RIH TO 8691'; DRILLED TO 8735'; POOH TO 8520' AND REPAIRED WASH PIPE; RIH TO 8735'; DRILLED TO 8753'	
00:00 TO 06:00 : CIRCULATED AND POOH; AT 6335' WORKED STRING TO FREE (THE STRING WAS FREE TO DOWN); CONT. POOH AT 5900'	

Last Modification : 30-JUL-01 08:21 AM

Daily Footage : 62

Monthly Cumul : 2,763

Yearly Cumul : 51,130

SDR009A1.RDF

PETRO-TECH PERUANA S A

TO : ING. MARIO CHAVEZ

DAILY DRILLING REPORT

Date: 29-JUL-2001

Locate: LOBITOS			Well: LO6-25ST			Rig: PEPESA-48		
Est. Max. Angle	Estimated Deflection	Estimated Cost(\$)	Daily Cost (\$)	Cum. Cost(\$)	Estimated depth	Estimated Days		
54	S-48.6-W	791,210	24,011	305,230	9,850	15		

DRILLING DATA			
Depth at 24:00	8691	Footage 24:00	356
Orig. Days	12	Days on Well	13
		Days on Loc.	142
		Orig. AHD(BHD)	(2 1/2)

BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
10	8 1/2"	MA89PX	16 X 6	40	110	8691	356	15

SURVEYS			MUD DATA										MUD PUMP		
M.D.	Angle	Direction	Cia	MI	DRLG.	FLUID	Type	FLO DRILL						GPM	435
8603	18.3	S 19.8 W	WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	2200
8509	18.4	S 21.2 W	11.4	58	27	29	0.4	0.2	30000	400	5.0		15		
8351	19.0	S 25.4 W													

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		15.00		8.50	.50		
Cumulative		169.00		135.00	8.00		

COMMENTS
 DRILLED FROM 8439' TO 8596'; CIRCULATED AND ROSE MUD WT. FROM 11.2 TO 11.4 PPG; DRILLED TO 8691'; CIRCULATED AND POOH
 00:00 TO 00:06:00 : FINISHED POOH; TOOK OUT MWD AND CHANGED BHA; RIH W/ SAME BIT AT 1100'

Last Modification : 29-JUL-01 08:19 AM

Daily Footage : 356

Monthly Cumul : 2,701

Yearly Cumul : 51,088

SDR009A1.RDF

TO: ING. MARIO CHAVEZ

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 28-JUL-2001

Locate: LOBITOS			Well: LO6-25ST			Rig: PEPESA-48		
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 21,399	Cum. Cost(\$) 281,219	Estimated depth 9,850	Estimated Days 15		
DRILLING DATA								
Depth at 24:00 8335		Footage 24:00 419		Days on Loc. 141				
Orig. Days 11		Days on Well 12		Orig. AHD(BHD) (2 1/4)				
BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
10	8 1/2"	HA89PX	16 X 6	35-40	110	8335	419	24
SURVEYS								
M.D.	Angle	Direction						
8196	19.4	S 28.2 W						
8039	19.64	S 30.6 W						
7944	19.51	S 33.8 W						
MUD DATA			MUD PUMP					
Cia MI DRLG. FLUID			Type FLO DRILL			GPM 435		
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt
11.2	57	28	32	0.4	0.2	29000	400	5.0
			K	Solids				
			8.8	13				
			PSI 2200					
TIME BREAKDOWN								
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing	
Daily		24.00						
Cumulative		154.00		126.50	7.50			
COMMENTS								
DRILLED FROM 7956' TO 8335'								
00:00 TO 06:00 : DRILLED TO 8439'; MADE SHORT TRIP TO 7839'; PUTTING FELY TO CONTINUE DRILLING								

Last Modification : 28-JUL-01 07:59 AM

Daily Footage : 419

Monthly Cumul : 2,345

Yearly Cumul : 50,712

SDR009A1.RDF

TO : ING. MARIO CHAVEZ

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 27-JUL-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 21,827	Cum. Cost(\$) 259,820	Estimated depth 9,850
					Estimated Days 15

DRILLING DATA					
Depth at 24.00	7916	Footage 24.00	84	Days on Loc	140
Drig. Days	10	Days on Well	11	Drig. AHD(BHD)	(2 1/4)

BIT DATA									
N°	Size	Type	Jets		WOB	RPM	Deph	Footage	Hrs.
8RR	8 1/2"	DS110NS	15x5	16x1	25-30	100	7916	84	10

SURVEYS		MUD DATA										MUD PUMP				
M.D.	Angle	Direction	Cia		MI		DRLG.		FLUID		Type		FLO DRILL		GPM	420
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	1850	
			11.4	58	29	30	0.5	0.10	29000	400	5.0		15			

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		10.00		14.00			
Cumulative		130.00		126.50	7.50		

COMMENTS
 DRILLED FROM 7896' TO 7916'; POOH; CHANGED BIT AND NEAR BIT; RIH TO 7866'; WASHED TO 7916'; CIRCULATED

00:00 TO 06:00 : DRILLING AT 7956'

NOTE : SAN CRISTOBAL FM AT 7900'

Last Modification : 27-JUL-01 04:43 AM

Daily Footage : 84

Monthly Cumul : 1,926

Yearly Cumul : 50,293

SDR009A1.RDF

TO : ING. MARIO CHAVEZ.

PETRO-TECH PERUANA S.A

DAILY DRILLING REPORT

Date: 26-JUL-2001

Locate: LOBITOS			Well: LO6-25ST			Rig: PEPESA-48								
Est. Max. Angle 54	Estimated Ditection S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 22,567	Cum. Cost(\$) 237,993	Estimated depth 9,850	Estimated Days 15								
DRILLING DATA														
Depth at 24.00 7832		Footage 24.00 12		Days on Loc. 139										
Drig. Days 9		Days on Well 10		Drig. AHD(BHD) (1 1/4)										
BIT DATA														
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.						
8RR	8 1/2"	DS110NS	16x5 15x1	15-22	120	7832	12	4.5						
9	8 1/2"	GTM-09	24 X 3	35	PP-40	7820	-	-						
SURVEYS														
M.D.	Angle	Direction	MUD DATA											
			Cia		MI	DRLG.	FLUID	Type	FLO DRILL					
			WT		FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
			11.2	54	28	30	1.5	0.12	29000	400	5.0		14	
									MUD PUMP					
									GPM	420				
									PSI	1700				
TIME BREAKDOWN														
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing							
Daily		4.50		19.50										
Cumulative		120.00		112.50	7.50									
COMMENTS														
RIH TAG AT 6032'; REAMED TO 6215'; RIH TAG AT 7398'; REAMED TO 7820'; DRILLED 7832'														
00:00 TO 06:00 : DRILLING AT 7896'														

Last Modification : 26-JUL-01 04:44 AM

Daily Footage : 12

Monthly Cumul : 1,842

Yearly Cumul : 50,209

SDR009A1.RDE

PETRO-TECH PERUANA S.A

TO ING. MARIO CHAVEZ

DAILY DRILLING REPORT

Date: 25-JUL-2001

Locate: LOBITOS			Well: LO6-25ST			Rig: PEPESA-48		
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 21,266	Cum. Cost(\$) 215,426	Estimated depth 9,850	Estimated Days 15		

DRILLING DATA								
Depth at 24:00 7820	Footage 24:00 258			Days on Loc. 138				
Drig. Days 8	Days on Well 9			Orig. AHD(BHD) (1/4)				

BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
9	8 1/2"	GTM-09	24 X 3	35	40-70	7820	258	17

SURVEYS			MUD DATA										MUD PUMP			
M.D.	Angle	Direction	Cia		MI		DRLG.		FLUID		Type		FLO DRILL		GPM	401
7749	19.90	S 34.6 W													PSI	2000
7686	20.30	S 34.4 W														
7592	20.90	S 34.5 W														
			WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids			
			11.2	55	27	29	1.8	0.2	28000	400	5.2		14			

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		17.00		7.00			
Cumulative		115.50		93.00	7.50		

COMMENTS	
DRILLED FROM 7648' TO 7820'; POOH TO CHANGE BIT	
00:00 TO 06:00 : FINISHED POOH; CHANGED BIT AND L/D MUD MOTOR; RIH W/ HOLDING ASSY AND PDC BIT AT 3200'	

Last Modification : 25-JUL-01 08:05 AM

Daily Footage : 258

Monthly Cumul : 1,830

Yearly Cumul : 50,197

SDR009A1.RDF

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 24-JUL-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Ditection S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 20,681	Cum. Cost(\$) 194,160	Estimated depth 9,850
					Estimated Days 15

DRILLING DATA		
Depth at 24:00 7562	Footage 24:00 360	Days on Loc. 137
Drig. Days 7	Days on Well 8	Drig. AHD(BHD)

BIT DATA								
Nº	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
9	8 1/2"	GTM-09	24 X 3	35	PP/40	7562	360	21.5

SURVEYS			MUD DATA										MUD PUMP		
M.D.	Angle	Direction	Cla	MI	DRLG.	FLUID	Type	FLO DRILL						GPM	400
7405	21.1	S 35.9 W	WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	1750
7308	21.3	S 35.9 W	11.0	55	27	28	2.5	0.20	29000	400	5.4		13.0		
7245	21.3	S 36.4 W													

TIME BREAKDOWN							
	Mov.Rig UpDown	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		21.50		2.00	.50		
Cumulative		98.50		86.00	7.50		

COMMENTS
 DRILLED (SLIDING AND ROTATING) FROM 7282' TO 7538'; SHORT TRIP TO 6974'; DRILLED TO 7562'
 00:00 TO 06:00 : DRILLING (ROTATING) AT 7648'

Last Modification : 24-JUL-01 08:02 AM

Daily Footage : 360

Monthly Cumul : 1,572

Yearly Cumul : 49,939

SDR009A1.RDF

ING

MARIO CHAVEZ C.

JO: MARIO CHAVEZ

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 23-JUL-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 27,325	Cum. Cost(\$) 173,479	Estimated depth 9,850
					Estimated Days 15

DRILLING DATA					
Depth at 24:00 7202	Footage 24:00 43	Days on Loc. 136			
Drig. Days 6	Days on Well 7	Drig. AHD(BHD) 1/4			

BIT DATA								
N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
8RR	8 1/2"	DS110NS	16x5 18x1	8-10	PP/50	7186	16	3.5
9	8 1/2"	GTM-09	24 X 3	25-30	40	7202	27	2

SURVEYS		MUD DATA										MUD PUMP			
M.D.	Angle	Direction	Cia		MI		DRLG.		FLUID		Type	FLO DRILL		GPM	400
7122	20.70	S 35.4 W	WT	FVsc	PV	YP	PM	PF	Chlor	Calc	Fit	K	Solids	PSI	1750
			10.9	56	26	28	2.6	0.3	27000	400	5.4		13		

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		5.50		18.00	.50		
Cumulative		77.00		84.00	7.00		

COMMENTS
 FINISHED POOH; CHANGED MUD MOTOR AND BIT; RIH TO 2900'; CUT AND SLIP DRILLING LINE;
 CONTINUED RIH PUTTING RUBBER PROTECTOR IN DRILL PIPE STRING; REAMED FROM 7161' TO
 7186'; DRILLED (SLIDING AND ROTATING) TO 7202'

00:00 TO 06:00 : DRILLING (ROTATING AND SLIDING) AT 7282'

MOGOLLON FM.

Last Modification : 23-JUL-01 08:12 AM

Daily Footage : 43

Monthly Cumul : 1,212

Yearly Cumul : 49,579

SDR009A1.RDF

ING.

MARIO CHAVEZ

(817)

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 20-JUL-2001

Locate: LOBITOS		Well: LO6-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 21,442	Cum. Cost(\$) 98,331	Estimated depth 9,850
DRILLING DATA					
Depth at 24:00 6385	Footage 24:00 115	Days on Loc. 133			
Drig. Days 3	Days on Well 4	Drig. AHD(BHD) 1			
BIT DATA					
N°	Size	Type	Jets	WOB	RPM
7	8 1/2"	MFDSSH	22 22 18 10	30	90
8RR	8 1/2"	DSL10NS	15x6 18x1	10	50
Deph	Footage	Hrs.			
6276	6	0.5			
6385	109	7			
SURVEYS					
M.D.	Angle	Direction			
6307	22.7	S 32.2 W			
6244	23.9	S 30.9 W			
MUD DATA			MUD PUMP		
Cia	MI	DRLG.	FLUID	Type	FLO DRILL
WT	FVisc	PV	YP	PM	PF
9.8	53	22	28	5.2	1.2
Chlor	Calc	Filt	K	Solids	
24000	280	5.6		8.0	
GPM	430				
PSI	1750				
TIME BREAKDOWN					
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.
Daily		7.50		14.50	2.00
Cumulative		31.00		63.00	2.00
COMMENTS					
CHANGED MUD MOTOR AND RIH W/ PDC BIT TO 6276'; CIRCULATED AND ORIENTED MUD MOTOR; DRILLED (ROTATING) TO 6283'; CHANGED 2" VALVE IN STAND PIPE AND PRESSURE RELIEF VALVE IN BOTH MUD PUMPS; DRILLED (ROTATING) TO 6385'					
00:00 TO 06:00 : DRILLING (ROTATING) AT 6598'					

Last Modification: 20-JUL-01 08:18 AM

Daily Footage: 115

Monthly Cumul: 395

Yearly Cumul: 48,762

SDR009A1.RDF

TO: MARIO CHAVEZ

PETRO-TECH PERUANA S.A

DAILY DRILLING REPORT

Date: 19-JUL-2001

Locate: LOBITOS		Well: L06-25ST		Rig: PEPESA-48	
Est. Max. Angle 54	Estimated Direction S-48.6-W	Estimated Cost(\$) 791,210	Daily Cost (\$) 31,132	Cum. Cost(\$) 76,889	Estimated depth 9,850
				Estimated Days 15	

DRILLING DATA			
Depth at 24:00 6270	Footage 24:00 280	Days on Loc. 132	
Drig. Days 2	Days on Well 3	Drig. AHD(BHD) 1 1/2	

BIT DATA									
Nº	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.	
7	8 1/2"	MFDS	22 22 18 10	30	90	6270	280	23.5	

SURVEYS			MUD DATA										MUD PUMP		
M.D.	Angle	Direction	Cia	MI	DRLG.	FLUID	Type	FLO DRILL						GPM	490
6180	23.6	S 30.8 W	WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids	PSI	1900
6118	23.6	S 34.3 W	9.5	53	21	26	5.4	1.8	24000	240	5.8	22.4	7.0		
6058	24.4	S 36.6 W													

TIME BREAKDOWN							
	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily		23.50		.50			
Cumulative		23.50		48.50			

COMMENTS	
DRILLED (SLIDING) FROM 6020' TO 6088'; DRILLED ROTATING TO 6270'	
00:00 TO 06:00 : DRILLED ROTATING TO 6276'; POOH TO CHANGE BIT AND BHA (BREAKING BIT)	

Last Modification : 19-JUL-01 08:26 AM

Daily Footage : 280

Monthly Cumul : 280

Yearly Cumul : 48,647

SDR009A1.RDF

JO: MARCO CHAVEZ.

PETROTECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 18-JUL-2001

Locate: LOBITOS **Well:** L06-25ST **Rig:** PEPESA-48

Est Max Angle	Estimated Direction	Estimated Cost(\$)	Daily Cost (\$)	Cum. Cost(\$)	Estimated depth	Estimated Days
54	S-48.6-W	168,760	23,618	45,757	9,850	15

DRILLING DATA

Depth at 24:00	5990	Footage 24:00		Days on Loc	131
Drig. Days	1	Days on Well	2	Drig. AHD(BHD)	

BIT DATA

N°	Size	Type	Jets	WOB	RPM	Deph	Footage	Hrs.
6RR	8 1/2"	GTM-1	22 X 3	-	-	5990'	CMT	-
7	8 1/2"	MFDS	22 2 18 10	-	-	"	"	-

SURVEYS

M.D. Angle Direction

MUD DATA

Cia	MI	DRLG.	FLUID	Type	FLO DRILL					
WT	FVisc	PV	YP	PM	PF	Chlor	Calc	Filt	K	Solids
9.5	48	17	18	6.2	2.6	21000	320	7.8	18.5	7.

MUD PUMP

GPM	400
PSI	800

TIME BREAKDOWN

	Mov. Rig Up/Down	Rotating	Down Time	Ass. Drig. Oper.	Rep. & Maint.	Comp. & W.O.	Fishing
Daily				24.00			
Cumulative				48.00			

COMMENTS

FINISHED DRILLING OUT CEMENT TO 5990'; CIRC. AND POOH; RIH W/ MUD MOTOR TO 200'; TESTED SLIM-1, NEGATIVE; POOH AND FOUND LCM ON SLIM-1; RIH TO 200' AND TESTED SLIM-1, OK.; CONTINUED RIH TO 5956'; CIRCULATING

00:00 TO 06:00 : ORIENTED TOOL; DRILLING (SLIDING) AT 6020' (90% CEMENT 10% FORMATION)

Last Modification : 18-JUL-01 08:02 AM

Daily Footage :

Monthly Cumul :

Yearly Cumul : 48,367

SDR009A1.RDF

TO: MARCO CHAVEZ.

PETRO-TECH PERUANA S.A.

DAILY DRILLING REPORT

Date: 16-JUL-2001