



LD6-9X

PRINTED IN U.S.A.

BIT RECORD

Page 1 of 2

10

COUNTY	PINRA	FIELD	LOBITOS	STATE	PERU	SECTION		TOWNSHIP		RANGE		LOCATION	"106" PLAT LOBITOS OFFSHORE	WELL NO.	LD6-9X						
CONTRACTOR	SOUTHERN MARINE DRILLING CO		RIG NO.	III	OPERATOR	BELCO PETROLEUM CORPORATION OF PERU		TOOLPUSHER	L. LEYTH / G. DORON		SALESMAN										
SPUD	MAY 26.85	UNDER SURF.	13 3/8"	UNDER INTER.	9 5/8"	SET SAND ST.	5 1/2"	REACHED T.D.	JULY 26.85	PUMP NO. 1	GARDNER DENVER P4.7	LINER	6"	PUMP NO. 2	GARDNER DENVER P2.7	LINER	6"	PUMP POWER		TYPE MUD	SALT SATURATED POLYMER
DRILL PIPE	4 1/2"	TOOL JOINTS	16.6 HRC	SIZE	4 1/2"	TYPE	FH	O.D.		NUMBER	S	O.D.	6 1/2"	I.D.	2 3/4"	LENGTH	150'	DRAWWORKS POWER		NATIONAL 55 A	

Yes, the asking ...

Technical information and help to get your holes down faster with fewer problems. Advice on rock bit performance, bit selection, drill string analysis, hydraulics programs and recommendations on the best bit weight and rotary speed. This information is tailored for you, your location and your rig.

Your Hughes Tool Company representative is your best source for drilling information ... wherever you drill.

Compliments of
HUGHES TOOL COMPANY

Houston, Texas
U.S.A.

HTC 857 E

NO.	SIZE	MAKE	TYPE	JET 32ND IN	SERIAL	395' DEPTH OUT	FEET	HOURS	FT/HR	ACCUM. ORLG. HRS.	WT. 1000 LBS.	R P M	VERT. DEV.	PUMP PRESS	PUMP OPERATION	S P M		MUD			DULL. COND.				FORMATION REMARKS	
																1	2	WT.	VIS.	SOL.	T	S	G	OTHER		
1	17"	STC	DSS	16x3	981-SBA	802'	407'	10	41'	10	20	100		300	420	-	132	SEA WATER								RAN 13 1/8" CSC
2	12 1/4"	HFC	J3	14x3	112-DG	900'	98'	1 1/2	65'	11 1/2	30	60		1400	420	90	110	9.1	46		4	1	I			POH 1 1/2" HMA DILL
3	12 1/4"	HFC	R1	12.14.0	318-EG	1221'	321'	10	32'	21 1/2	10	-		800	412	112	-	9.4	47	10						DELG 1 1/2" HMA DILL
3RD	12 1/4"	HFC	R1	14x3	318-EG	1653'	432'	6	72'	27 1/2	35	100		1400	420	100	-	9.4	47	10						POH 1 1/2" HMA DILL
4	12 1/4"	HFC	R1	12.14.0	819-EG	1928'	275'	9	31'	36 1/2	10	-		1000	420	90	100	9.8	46	11	4	4	I			DELG 1 1/2" HMA DILL
5	12 1/4"	HFC	R1	14x3	983-EG	2500'	572'	11	52'	47 1/2	40	80		1300	441	90	140	10.6	55	14	2	4	I			RAN 9 5/8" CSC
6	7 7/8"	HFC	X3A	10.11.3	483-VG	3215'	715'	20 1/2	35'	68	30	80		1225	187	80	-	10.0	50	11	6	4	I			
7	7 7/8"	HFC	X3A	10.11.3	390-VG	4025'	810'	25	32'	93	40	80		1250	187	80	-	10.8	50	13	3	6	I			
8	7 7/8"	HFC	X3A	10.11.3	468-VG	4362'	337'	14 1/2	25'	107 1/2	35	80		1450	187	-	80	10.9	46		2	5	I			
9	7 7/8"	HFC	J11	10.11.3	467-SG	4865'	503'	23	22'	136 1/2	40	80		1450	187	80	-	10.9	48		1	1	I			POH 1 1/2" HMA DILL
10	7 7/8"	HFC	X3A	16x3	446-VG	5000'	135'	12	11'	142 1/2	10	-		1200	290	116	-	10.7	55	13	7	3	1/2			DELG 1 1/2" HMA DILL
11	7 7/8"	HFC	X3A	16x3	395-VG	5053'	53'	2 1/2	21'	145	10	-		1200	187	116	-	10.8	50	13	2	2	I			DELG 1 1/2" HMA DILL
12	7 7/8"	HFC	J3	10.11.3	765-SG	5053'	-	-	-	-	-	-		-	187	-	-	-	-	-	-	-	-	-		WORKING STUCK PIPE
13	7 7/8"	HFC	J3	10.11.3	805-SG	5397'	344'	20	17'	165	35	110		1450	187	-	80	10.8	45	11	5	8	I			
14	7 7/8"	HFC	J3	10.11.3	748-SG	5750'	353'	22 1/2	16'	187 1/2	35	110		1500	187	80	-	10.9	52	12	7	4	1/2			
15	7 7/8"	HFC	J3	10.11.3	749-SG	6022'	172'	16 1/2	16'	204	35	110		1500	328	80	-	10.8	50	20	5	9	I			POH 1 1/2" HMA DILL
16	7 7/8"	HFC	X3A	16x3	440-VG	6085'	63'	6 1/2	10'	210 1/2	12	-		1200	328	-	120	10.8	55	18	4	1	I			DELG 1 1/2" HMA DILL
17	7 7/8"	HFC	X3A	16x3	443-VG	6132'	47'	4 1/2	10'	215	12	-		1200	281	-	120	10.8	55	18	2	2	I			
18	7 7/8"	HFC	J3	10.11.3	762-SG	6458'	326'	20	16'	235	40	110		1500	187	-	80	11.1	57	22	4	2	I			
19	7 7/8"	HFC	J3	10.11.3	568-SG	6674'	216'	14 1/2	15'	265 1/2	40	110		1500	187	80	-	10.9	57	22	5	8	1/2			
20	7 7/8"	HFC	J3	10.11.3	771-SG	6867'	193'	14	14'	263 1/2	40	110		1500	187	80	-	10.8	46	22	5	4	I			
21	7 7/8"	HFC	J11	10.11.3	490-SB	7392'	525'	57 1/2	14'	301	40	100		1500	187	80	-	10.9	57	22	1	1	I			



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Houston, Texas
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106-9x

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BIT RECORD

PAGE 2 OF 2

COUNTY	PIURA	FIELD	LOBITOS	STATE	PERU	SECTION		TOWNSHIP		RANGE		LOCATION	"106" PLAT LOBITOS OFFSHORE	WELL NO.	106-9x						
CONTRACTOR	SOUTHERN MARINE DRILLING CO.			RIG NO.	III	OPERATOR			BELCO PETROLEUM CORPORATION OF PERU			TOOLPUSHER	L. LEYTH / G. UPTON		SALESMAN						
SPUD	MAY 26-85	UNDER SURF.	13 1/8"	UNDER INTER.	9 1/8"	SET SAND ST.	5 1/2"	REACHED T.D.	JULY 26-85	PUMP NO. 1	GARDNER DENVER P2.7	LINER	6"	PUMP NO. 2	GARDNER DENVER P2.7	LINER	6"	PUMP POWER		TYPE MUD	SALT SATURATED POLYMER
DRILL PIPE	4 1/2"	16.6 #/ft	TOOL JOINTS	4 1/2"	SIZE	4 1/2"	TYPE	PH	O.D.		NUMBER	5	O.D.	6 1/2"	I.D.	2 3/4"	LENGTH	150'	DRAWWORKS POWER	NATIONAL SSA	

NO.	SIZE	MAKE	TYPE	JET 32ND IN	SERIAL	DEPTH OUT	FEET	HOURS	FT/HR	ACCUM DRLG. HRS.	WT. 1000 LBS.	R P M	VERT DEV.	PUMP PRESS	PUMP OPER-ATION	S P M		MUD			DULL. COND.				FORMATION REMARKS
																1	2	WT.	VIS.	W.L.	T	B	G	OTHER	
22	7 1/8"	HRC	J11	11x3	909-FA	7873'	481'	42	11'	343	40	100		1400	140	-	100	11.0	SS	20	3	2	I		
23	7 1/8"	HRC	J11	11x3	662-B6	8248'	375'	43	9'	386	40	80		1400	234	100	-	11.3	SS	19	7	8	1/8		
24	7 1/8"	HRC	J3	11x3	764-SG	8385'	137'	12	11'	358	40	80		1400	234	80	-	11.2	SD	20	2	3	I		
25	7 1/8"	HRC	J11	11x3	667-P6	8597'	212'	26	8'	424	40	80		1500	234	-	100	11.3	S8	20	4	1	I		
26	7 1/8"	HRC	J22	11x3	120-SG	8860'	263'	43	6'	467	40	80		1500	234	-	100	11.4	S2	22	2	2	I		LOGGING.
27	7 1/8"	HRC	J3	11x3	747-SG	9064'	204'	26 1/2	8'	455 1/2	30	90		1500	234	-	100	11.2	SS	22	6	4	I		LOG - L.D.D.P. RUNS 5' 12" CSG.
T.D. 9064'																									
335'	4 1/2"	S 58° W		4025'	35°	S 54 1/2° W		8110'	34°	S 87 1/2° W															
868'	27°	S 65° W		4362'	36 1/2°	S 58° W		8860'	26°	S 77 1/2° W															
1095'	28 1/2°	S 47° W		4516'	38°	S 62° W																			
1188'	29°	S 45° W		4700'	38 1/4°	S 68° W																			
1335'	32°	S 42 1/2° W		4855'	39°	S 74° W																			
1590'	40 1/2°	S 53° W		4947'	38°	S 69° W																			
1771'	40°	S 51 1/2° W		5008'	38°	S 60° W																			
1895'	39°	S 44° W		5707'	39°	S 66° W																			
2130'	41°	S 41° W		5989'	39 1/4°	S 70° W																			
2686'	42 1/4°	S 42 1/2° W		6116'	38°	S 60° W																			
2842'	42 1/2°	S 44° W		6395'	39 1/4°	S 59° W																			
3028'	42°	S 46 1/2° W		6674'	40°	S 58° W																			
3298'	40 1/4°	S 55 1/2° W		7083'	42°	S 66° W																			
3808'	37°	S 53° W		7703'	38°	S 81° W																			

TALANA

VENEGUATULA

CHACRA

RIO BRAVO SBY

RIO BRAVO SHLY

FAULT ZONE

LA MAGOLLOH

SAN CRISTOBAL

BALCONES

T.D.

DRILLING MUD RECAP

WELL 206-9XPAGE 01 OF

DATE	DEPTH ft	WT lb/gl	FUNNEL VISCO sec/qt		PLASTIC VISCO		YIELD POINT lb/100 ft2	GELS 0/10 lb/100 ft2	PH	FILTRATE ml/30 min			CAKE 32 nd In	ALACALINITY		CHLORIDE ppm Hilos	CALCIUM ppm	SAND % by vol	SOLIDS % by vol	OIL % by vol	WATER % by vol	METHY BLUE ml / me				CIRC VOLUME bbl
			API	°F	cps.	°F				API	HP-HT	°F		P m	P f / P f											
27.05.85	804	REMARKS: DRILLING @ 804 / circulate with sea water /																							-	
28.05.85	900	9.2	46		11		16	2/5	10.5	8		2	34	9/1.2	20	180	1/4	9	-	91					413	
29.05.85	1221	9.4	47		12		14	4/7	11	4.8		1/32	5	1.6/1	20	150	1/4	10		90					459	
30.05.85	1510	9.8	45		13		17	4/9	11.5	4.8		1/32	6	1.6/2	110	200	1/4	10		90					496	
31.05.85	1935	9.8	44		14		16	2/4	11.5	5		1/32	6	1/1.2	120	200	1/4	11		89					555	
01.06.85	2430	9.9	52		16		20	4/8	11.5	4.6		1/32	5	1/1.4	120	200	1/2	13		87					661	
02.06.85	2500	10.6	55		20		15	9/12	10	5		2	3	0.8/1.1	110	120	1/2	14		86					682	
03.06.85	2517	9.5	38		12		5	1/6	11.5	4.5		2	18	2.2/2.5	70	120	1/2	8		92					505	
04.06.85	2980	10.4	56		24		29	4/6	11.5	5.5		2	14	1.6/1.9	146	320	3/4	12		88					530	
05.06.85	3498	10.7	50		14		24	3/6	11.5	5.0		2	10	0.7/0.7	155	320	3/4	12		88					560	
06.06.85	4025	10.8	50		18		25	3/8	11.5	4.6		1/32	8	9/1.2	145	260	3/4	13		87					529	
07.06.85	4362	10.7	46		20		25	3/6	11.5	4.0		1/32	12	1.8/2.2	150	250	3/4	15		85					531	
08.06.85	4700	10.7	45		20		27	3/8	11.5	3.4		1/32	10	1.8/2.2	150	280	1/2	16		84					604	
09.06.85	4890	11	50		22		25	3/7	11.5	3.6		1/32	12	1.8/2	155	280	1/2	18		82					561	
10.06.85	5000	10.8	57		24		26	2/4	11.5	4.0		2	10	1.2/1.5	136	230	1/2	20		80					641	
11.06.85	5053	10.8	55		21		24	2/8	11.5	4.0		2	12	1.4/1.5	134	80	1/2	22		78					645	
12.06.85	5053	10.8	55		21		24	2/8	11.5	4		2	12	1.2/1.6	134	80	1/2	22		78					645	
13.06.85	5151	10.8	48		22		24	4/7	11.5	5.6		2	15	2.2/2.5	146	60	1/2	18		82					650	
14.06.85	5280	10.8	47		18		21	3/6	11.5	4.0		1/32	13	2/2.2	150	200	1/2	11		87					590	
15.06.85	5488	10.8	50		20		25	3/8	11.5	3.8		1/32	15	1.8/2.1	150	150	1/2	11		85					595	
16.06.85	5710	10.8	52		23		28	3/9	11.5	4		1/32	14	1.6/2	150	180	1/2	12		88					607	
17.06.85	6010	10.8	50		25		28	3/7	11.5	3.4		1/32	10	2/2.4	150	100	3/4	13		81					622	
18.06.85	6085	10.7	55		24		26	2/6	11.5	4.0		2	12	1.6/1	155	80	1/4	18		82					701	
19.06.85	6132	10.8	55		21		26	2/7	11.5	4.2		2	12	1.4/1.7	145	80	1/4	18		82					703	

DRILLING MUD RECAP

WELL 606-9XPAGE 02 OF

DATE	DEPTH ft	WT lb/gl	FUNNEL VISCO sec/qt		PLASTIC VISCO		YIELD POINT lb/100 ft2	GELS 0/10 lb/100 ft2	PH	FILTRATE ml/30 min			CAKE 32 nd in	ALACALINITY		CHLORIDE ppm HCL	CALCIUM ppm	SAND % by vol	SOLIDS % by vol	OIL % by vol	WATER % by vol	METHY BLUE ml / me			CIRC VOLUME bbl
			API	°F	cps.	°F				API	HP-HT	°F		P _m	P _f / P _f										
20.06.85	6395'	11.1	56		34		38	3/8	11.5	4			2	15	2.2/2.6	158	120	TRZ	22		78				720
21.06.85	6614	11.1	56		32		36	4/9	11.5	4			2	14	2.3/2.6	156	60	TRZ	22		78				730
22.06.85	6774	10.9	58		30		34	3/9	11.5	4.2			1	10	2.0/1	150	120	1/4	22		78				752
23.06.85	6943	10.9	52		26		24	3/12	11.5	4.6			1	12	2/1	155	150	1	20		80				744
24.06.85	7206	10.9	54		28		32	3/10	11.5	4.4			1	12	2/1	150	200	3/4	18		82				759
25.06.85	7392	10.9	50		28		32	3/9	11.5	3.4			1/32	15	1.8/2	150	120	3/4	18		82				714
26.06.85	7392	10.9	53		27		30	3/8	11.5	3.0			1/32	2/4	2/2.4	140	80	1/2	17		83				714
27.06.85	7392	10.9	55		29		34	3/8	11.5	2.6			1/32	15	1.6/2	140	80	1/2	17		83				714
28.06.85	7394	10.9	60		30		35	3/9	11.5	2.8			1/32	14	1.8/2.2	140	100	1/2	17		83				714
04.07.85	7392	11.	65		30		34	6/8	10.5	4.2			2		5/0.5	140	80	3/4	20		80				773
05.07.85	7392	11.3	70		30		50	6/12	11.5	3.4			2	8.5	1.8/2.4	235	80	1/4	22	1	77				773
06.07.85	7432	11.	56		29		25	3/6	11.5	4			2	14	2.1/2.5	170	160	1/4	20	1	79				775
07.07.85	7703	11.	56		28		32	3/5	11.5	3.4			2	14	2.1/3	170	160	3/4	22	1	77				790
08.07.85	7780	11.	55		26		30	3/6	11.5	3.6			2	14	2.0/3.1	160	120	1/2	20	TRZ	80				794
09.07.85	7873	11.	55		26		32	3/6	11.5	4.0			1	12	2.1/2.4	155	120	1/2	20		80				495
10.07.85	7873	11.	55		26		30	3/6	11.5	4.0			1	12	2.0/2.4	155	160	1/2	20		80				-
11.07.85	8068	11.3	48		34		38	3/7	11.5	3.0			1/32	10	2.0/4	155	100	1/4	19		79				748
12.07.85	8248	11.3	53		35		40	3/6	11.5	2.8			1/32	12	2/2.6	150	120	1/4	20	1	79				758
13.07.85	8310	11.2	50		32		36	3/7	11.5	3.0			1/32	10	1.4/2	145	100	1/4	19	1	80				759
14.07.85	8385	11.2	50		32		35	3/8	11.5	3.0			1/32	12	2/2.6	160	120	1/4	20	1	79				771
15.07.85	8385	11.2	50		30		35	3/6	11.5	3			2	10	1.8/2.1	150	120	1/4	20	1	79				827
16.07.85	8473	11.3	56		32		36	4/6	11.5	4.0			2	14	1.6/2.4	145	160	3/4	20	-	80				831
17.07.85	8590	11.3	58		38		49	4/6	11.5	3.8			2	13	2.2/3.8	140	120	3/4	20	-	80				838

Servicios Petroleros y Planos

OLF, SENIOR OF, 103

TELEX 41503 PE SEMOR

TELEFOS 916 - 823

APARTADO NO. 21

TALARA - PERU

WELL 206-9X

PAGE 03 OF

DATE	DEPTH f t	WT lb/gl	FUNNEL VISCO sec/qt		PLASTIC VISCO		YIELD POINT lb/100 ft2	GELS 0/10 lb/100 ft2	PH	FILTRATE ml/30 min			CAKE 32 nd in	ALACALINITY		CHLORIDE ppm Hib	CALCIUM ppm	SAND % by vol	SOLIDS % by vol	OIL % by vol	WATER % by vol	METHY BLUE ml / me			CIRC VOLUME bbl
			API	°F	cps.	°F				API	HP-HT	°F		P _u	P _f / P _i										
18.07.85	8597	11.3	58		36		42	4/6	11.5	3.8			2	12	1.8/2.2	140	120	3/4	20	-	80			838	
19.07.85	8685	11.5	60		35		45	4/10	11.5	3.8			1	10	1.8/2.4	150	120	3/4	22		78			839	
20.07.85	8834	11.5	60		33		43	4/10	11.5	4			1	9	1.5/2.0	150	120	3/4	21		79			849	
21.07.85	8860	11.4	63		35		50	4/10	11.5	3.6			1	9	1.5/2.0	140	120	1/2	22		78			850	
22.07.85	8860	11.4	64		35		50	4/10	11.5	3.6			1/32	8	1.4/2	145	120	1/2	22		-			-	
23.07.85	8913	11.3	50		30		35	3/9	11.5	3.4			1/32	9	1.6/2	140	100	1/2	21	2	77			839	
24.07.85	9064	11.2	60		33		39	3/9	11.5	3.0			1/32	12	1.6/2.4	140	120	1/4	22	4	74			846	
25.07.85	9064	11.2	48		35		23	3/9	11.5	2.8			1/32	10	1.8/2.4	140	100	1/4	20	3	77			846	
26.07.85	9064	11.2	48					3/9	11.5	2.8			REMARKS: FINISH OPERATION OK										846		

DRILLING MUD MATERIALS CONTROL

Spud Date 27.05.85

Td & Date 26.07.85 (9.064')

Rig No III

 Surface Casing 3 3/8 (80')
 Production 5 1/2 (210.8')

Intermediate 9 5/8 (249')

 Mud Company Serpepe
 Mud Engineer Enrique Juna

Well No 206-9X

Unit Designation

 Page 01
 Of Page

DATE			INVENTOR																	REMARKS	
Day	Mo	Year	Data																Daily Cost.	Guia No.	
27	05	85		15	10															452.75	452.75
28	05	85		15	250	4	10													1219.43	1,672.18
29	05	85		15	40	8	15													1193.61	2,865.79
30	05	85		15	40	5	15	5	120											1,347.35	4,213.14
31	05	85		15	15	7	10	4	120											1383.74	5,596.88
01	06	85		15	22	7	10	2	80											1263.69	6,860.57
02	06	85		REMARKS: Rig Halliburton eHT															-	6,860.57	
03	06	85		18	70	16		35	80	10										2,234.62	9,095.19
04	06	85		5	40	17	45		320	20	1									3617.16	12,712.35
05	06	85		10		30		6	260		2									3518.04	16,230.39
06	06	85		12	10	8	10	3	80											1278.26	17,508.65
07	06	85		12	20	9	10	4	80											1383.38	18,892.03
08	06	85		15	20	7	10	4	80											1263.99	20,156.02
09	06	85		15	30	8	10	4	100											1431.91	21,587.93
10	06	85		8		6	10	4	120			40								1342.92	22,930.85
11	06	85		13	10	10	20	12				30								1501.85	24,432.70
12	06	85										40								178.40	24,611.10
13	06	85		7	15	3	20	8	120			40								1270.06	25,881.16
14	06	85		10	10	8		4	40											970.16	26,851.32
15	06	85		5	15	9	10	4				40								1185.48	28,036.80
16	06	85		3	8	9	10	4	40											1092.43	29,129.23
17	06	85		10	8	12	10	4	80											1575.74	30,704.97
18	06	85		10	8	12	18	12	160			30								2107.14	32,812.11
19	06	85		8		14	15	6	40			40	3							2383.73	35,195.84
20	06	85		10	10	13	60	10	200			120	2							3725.36	38,921.20
				261	751	222	318	135	2120	30	3	380	5								

Surface Casing 133/P (802') Intermediate 9-5/8 (2499)
Production 5 1/2 (7108')

Unit Designation

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DATE			INVENTOR Data	Unit Designation															Daily Cost.	REMARKS	
Day	Mo	Year		Soda Can	Bottle	Milpre	Lubricant	Real	Sol	Super Vis	Soda	Baritone	EP Lubr	Unical	Quess	New PAC	Guida No.				
				261	751	222	318	135	2120	30	3	380	5					38,921.20			
21	06	85		10	8	7						60	1					40,120.99			
22	06	85		10	-	10	30		80			40						41,985.09			
23	06	85		12		13	15	9	160			40						44,181.55			
24	06	85		10		12	10	10	160									46,014.09			
25	06	85		7	5	12		4	120									47,518.23			
26	06	85		3	5	8												48,233.29			
27	06	85		2	3	6		1										48,766.46			
28	06	85		RE MARKS			circulate			P		739.2						48,766.46			
04	07	85		RE MARKS			:	circulate			Working	Drily	Pipe					48,766.46			
05	07	85		25			60			220	4	60	374					52,722.31			
06	07	85		10		13		11		40		3						54,181.17			
07	07	85		10	10			5				10		6				54,969.69			
08	07	85		10	10	10	40	8		240		15						57,820.39			
09	07	85		8		8		6	80	60		10						59,252.75			
10	07	85		4		6				100		8						60,342.67			
11	07	85		4		12	15	1	80									61,879.51			
12	07	85		10	10	10		2	80		3							63,702.16			
13	07	85		10	10	10			120			10						65,199.36			
14	07	85						2	40			15						65,530.56			
15	07	85		2														66,679.26			
16	07	85		10	20		40	20		70								69,791.64			
17	07	85		8	10	4	70	15	160		4	26						70,122.24			
18	07	85		2						30		15									
				428	842	363	598	229	3200	30	3	1280	17	172	374	6					

DRILLING MUD MATERIALS CONTROL

Spud Date 27.05.85

Td & Date 26.07.85 (9.064)

Rig No III

Surface Casing 5 7/8 (80')
Production 5 1/2 (7108')

Intermediate 7/8(397)

Mud Company *Serpape*
&
Mud Engineer *Enrique Luna*

Well No. **LOG-9X**

Unit Designation

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Of Page.....

DATE			INVENTOR Data															Daily Cost.	REMARKS Guia No.	
Day	Mo	Year		Soda	Benton	Hilpac	Lubri	Cal	Gal	Super	Soda	Borix	EP.	Unico	Diss	New	Fog			
				428	842	363	598	229	3000	30	3	1280	17	172	374	6			\$	70,122.24
19	07	85		12		15	25		160					20					2535.1	72,657.34
20	07	85		9			25					1	10		7				1386.64	74,043.98
21	07	85		4		2						60	3	10	3				1413.35	75,457.33
22	07	85		REMARKS : WORK TO WELL / LOGGING ALL - MSAL - GIR - CPLCM														-	75,457.33	
23	07	85		10	10			1	70					15	374	6			1343.22	76,800.55
24	07	85		10	30	5		8	120					15	747				1759.45	78,560.00
25	07	85		10	15							60		10		10			629.65	79,189.65
26	07	85		REMARKS : CEMENT OPERATION OK														-	79,189.65	
				4E3	897	385	648	238	3550	30	13	1400	21	252	1445	22	10			
				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Costo Acumulativo USA \$ 79,189.65 Costo Por Pie (') \$ 8.73 (ok)																				