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PRUEBA DE PRESION INICIAL GRADIENTE ESTATICA

**PETRO-TECH PERUANA S.A.
LOBITOS LO6-14
TALARA-PERU**

12 DE ENERO DE 1994

REPORTE PREPARADO
POR
EDDY CORDERO

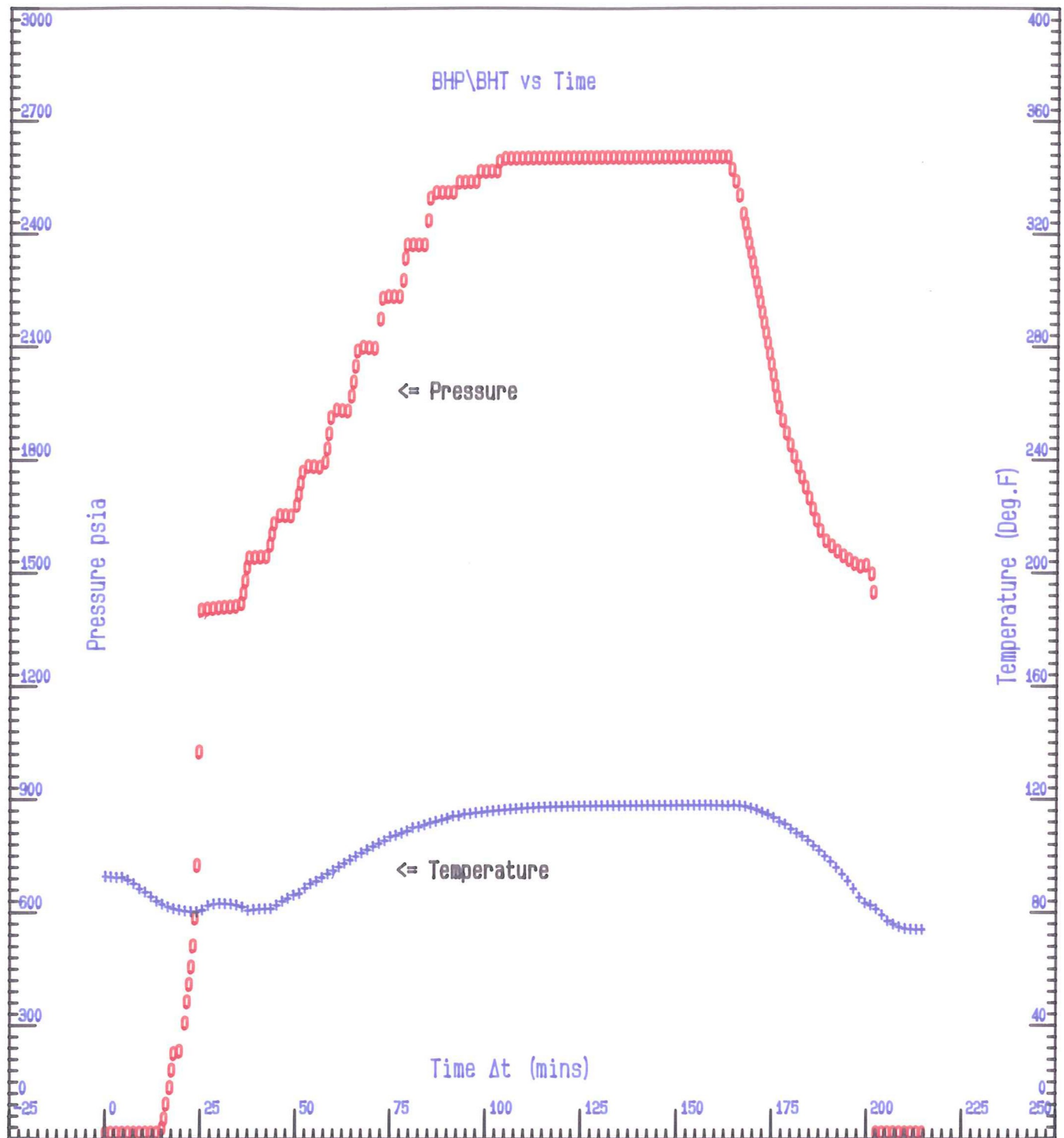
COMENTARIOS

En el pozo LO6-14 del área Lobitos Mar se llevó a cabo una gradiente estática con la finalidad de determinar la presión inicial de la formación Basal Salina Superior (~~Wedge Sand~~). Los registradores se bajaron a la profundidad de 6820' que es el punto medio del intervalo probado : 6802' - 6841'.

Se realizaron paradas de cinco minutos en las profundidades indicadas según programa, deteniéndose en el punto medio @ 6820' durante una hora. De la data obtenida podemos observar que al final de la prueba , a la profundidad de 6820' se obtuvo una presión de fondo de aproximadamente 2604 psi, que demuestra claramente que el reservorio probado cuenta con **muy buena energía**.

Así mismo, del gráfico realizado de las gradientes hemos determinado un nivel de crudo a la profundidad vertical de 4584' (aproximadamente 4880 pies medidos), lo cual nos determina una columna de crudo de más de 1700 pies verticales, indicándonos una buena **presencia de crudo**.

Por lo anteriormente expuesto, se concluye que este pozo es un excelente candidato para un fracturamiento, de tal manera de incrementar el área de flujo hacia el wellbore.



Company: PETRO-TECH PERUANA S.A.

Well: L06-14

Field: LOBITOS MAR

Date: 01/12/1995

[STATIC GRADIENT SURVEY]

INITIAL PRESSURE

Begin Time: 14: 46: 06 01/12/95

End Time : 18: 21: 30 01/12/95

Initial Pressure = 2604 psi

Oil Gradient = 0.32 psi/ft

Company : PETRO-TECH PERUANA S.A.
 Well : LO6-14
 Field : LOBITOS MAR
 Engineer : Eddy Cordero M.
 Gauge Type : Starburst Ultra II
 Serial No. : 20601
 Gauge Range : 0 - 3014 psia
 Gauge Depth : 6820 ft. (WLM)

Country : PERU
 State : TALARA
 Date : 01/12/1995
 Well API : 35
 Well Type : Oil
 Test Type : Static Gradient
 Well Status : Producer

Perfs. : 6802' - 6841'
 Elevation : 33' CHF

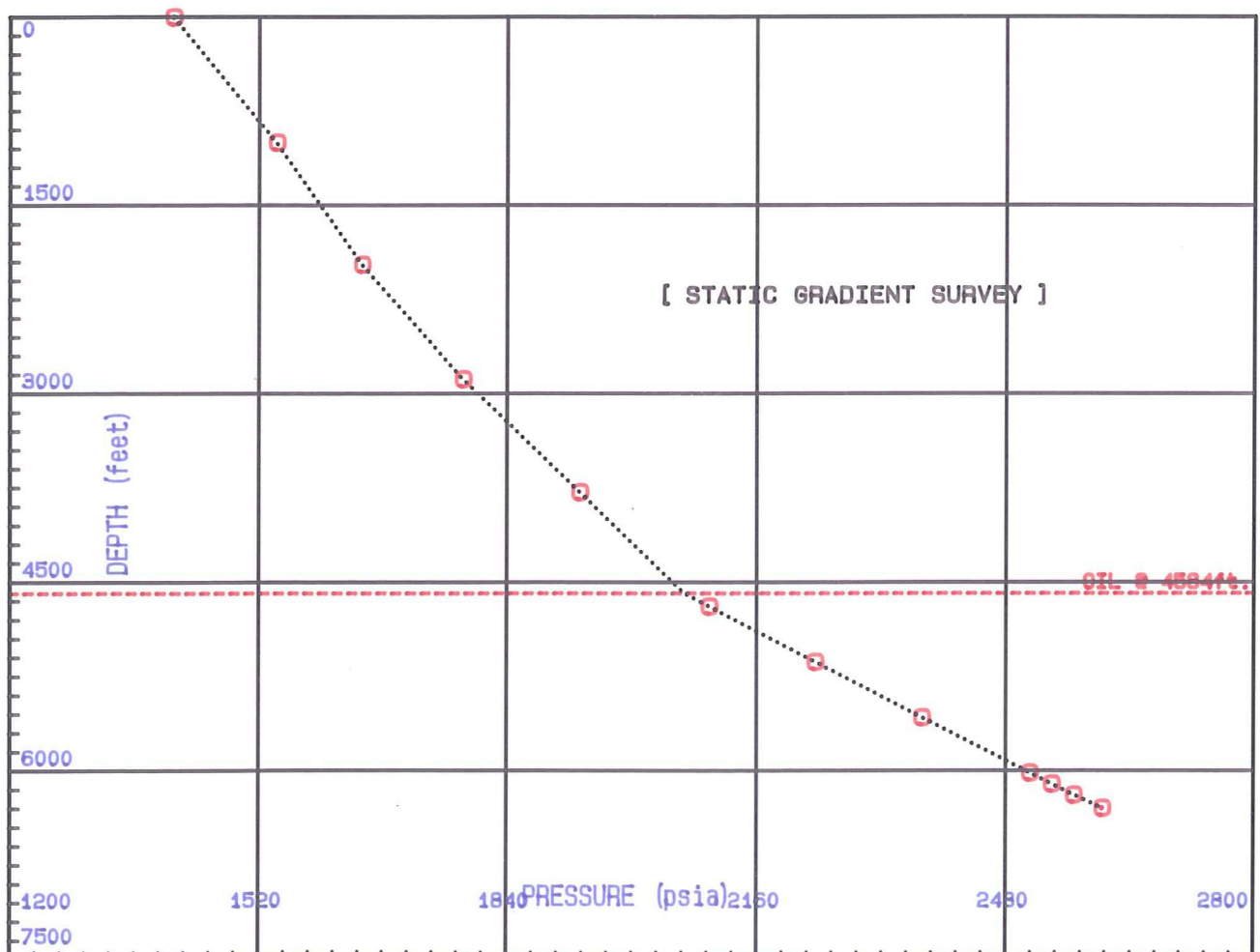
Oil Level : 4584 PV

Shut - in BHP 2604 @ 6820 WLM

Shut-in BHT 117.60 @ 6820 WLM

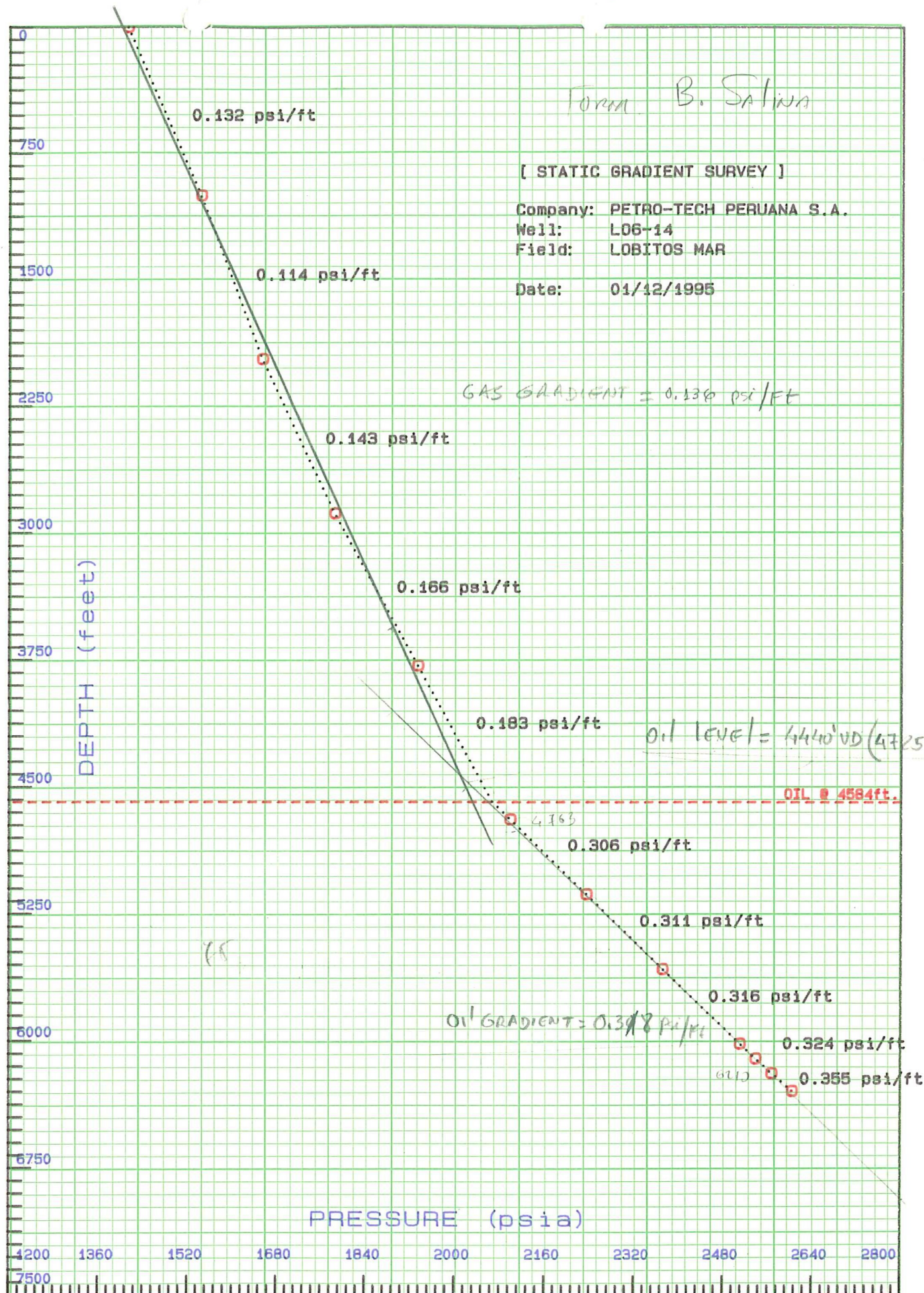
[GRADIENT DATA]

#	MD	TVD	PRESSURE	PSI/ft
1	0	0	1409.50	
2	1000	999	1541.55	0.132
3	2000	1969	1652.22	0.114
4	3000	2882	1782.81	0.143
5	4000	3782	1932.58	0.166
6	5000	4690	2098.42	0.183
7	5500	5132	2233.62	0.306
8	6000	5574	2371.25	0.311
9	6500	6014	2510.25	0.316
10	6600	6102	2538.50	0.321
11	6700	6189	2566.70	0.324
12	6820	6294	2604.00	0.355



46 0780

10 X 10 TO THE INCH • 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.



1667

2516-2115

Company: PETRO-TECH PERUANA S.A.

Well: LO6-14

Field: LOBITOS MAR

[Thursday: Jan. 12, 1995]

Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
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Reg.Electronicos Starburst Ultra II

Tope:Inst#20600, Fondo:Inst#20601

Conecto Baterias : 14:46:06

1	0	14:46: 6	0.0000	14.50	92.50
2	0	14:46:36	0.0083	14.50	92.49
3	0	14:47: 6	0.0167	14.50	92.36
4	0	14:47:36	0.0250	14.50	92.27
5	0	14:48: 6	0.0333	14.50	92.08
6	0	14:48:36	0.0417	14.50	92.01
7	0	14:49: 6	0.0500	14.50	92.06
8	0	14:49:36	0.0583	14.50	92.18
9	0	14:50: 6	0.0667	14.50	92.20
10	0	14:50:36	0.0750	14.50	92.12
11	0	14:51: 6	0.0833	14.50	91.94
12	0	14:51:36	0.0917	14.50	91.70
13	0	14:52: 6	0.1000	14.50	91.14
14	0	14:52:36	0.1083	14.50	90.75
15	0	14:53: 6	0.1167	14.50	90.43
16	0	14:53:36	0.1250	14.50	89.91
17	0	14:54: 6	0.1333	14.50	89.43
18	0	14:54:36	0.1417	14.50	88.89
19	0	14:55: 6	0.1500	14.50	88.08
20	0	14:55:36	0.1583	14.50	87.69
21	0	14:56: 6	0.1667	14.50	87.28
22	0	14:56:36	0.1750	14.50	86.85
23	0	14:57: 6	0.1833	14.50	86.12
24	0	14:57:36	0.1917	14.50	85.99
25	0	14:58: 6	0.2000	14.50	85.28
26	0	14:58:36	0.2083	14.50	84.83
27	0	14:59: 6	0.2167	14.50	84.38
28	0	14:59:36	0.2250	14.50	83.73
29	0	15: 0: 6	0.2333	14.50	83.41
30	0	15: 0:36	0.2417	14.50	82.83
31	0	15: 1: 6	0.2500	26.98	82.64
32	0	15: 1:36	0.2583	52.36	82.30
33	0	15: 2: 6	0.2667	91.40	82.04
34	0	15: 2:36	0.2750	111.34	81.71
35	0	15: 3: 6	0.2833	135.06	81.30
36	0	15: 3:36	0.2917	181.23	81.08
37	0	15: 4: 6	0.3000	225.54	81.02
38	0	15: 4:36	0.3083	235.72	80.92
39	0	15: 5: 6	0.3167	233.74	80.78
40	0	15: 5:36	0.3250	231.69	80.64
41	0	15: 6: 6	0.3333	229.90	80.45
42	0	15: 6:36	0.3417	240.81	80.33
43	0	15: 7: 6	0.3500	306.26	80.23
44	0	15: 7:36	0.3583	362.73	80.17
45	0	15: 8: 6	0.3667	409.20	80.07
46	0	15: 8:36	0.3750	455.55	80.01
47	0	15: 9: 6	0.3833	511.22	79.96

Company: PETRO-TECH PERUANA S.A.

Well: LO6-14

Field: LOBITOS MAR

[Thursday: Jan. 12, 1995]

Page 2

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
48	0	15: 9:36	0.3917	585.28	79.90
49	0	15:10: 6	0.4000	724.58	79.94
50	0	15:10:36	0.4083	1025.18	79.95
51	0	15:11: 6	0.4167	1401.34	80.16
52	0	15:11:36	0.4250	1402.31	80.59
53	0	15:12: 6	0.4333	1403.45	81.05
54	0	15:12:36	0.4417	1404.38	81.45
55	0	15:13: 6	0.4500	1404.77	82.17
56	0	15:13:36	0.4583	1405.11	82.51
57	0	15:14: 6	0.4667	1405.80	82.67
58	0	15:14:36	0.4750	1406.18	82.72
59	0	15:15: 6	0.4833	1406.91	82.81
60	0	15:15:36	0.4917	1407.46	82.87
Parada @ 0' WLM x 5 minutos.					
61	0	15:16: 6	0.5000	1407.77	82.87
62	0	15:16:36	0.5083	1408.21	82.86
63	0	15:17: 6	0.5167	1408.69	82.82
64	0	15:17:36	0.5250	1408.93	82.76
65	0	15:18: 6	0.5333	1409.35	82.71
66	0	15:18:36	0.5417	1409.67	82.69
67	0	15:19: 6	0.5500	1409.83	82.66
68	0	15:19:36	0.5583	1410.56	82.59
69	0	15:20: 6	0.5667	1411.10	82.47
70	0	15:20:36	0.5750	1411.29	82.30
Bajando Registradores @ 1000' WLM.					
71	0	15:21: 6	0.5833	1411.96	82.21
72	0	15:21:36	0.5917	1418.45	82.10
73	0	15:22: 6	0.6000	1444.82	81.67
74	0	15:22:36	0.6083	1478.27	81.03
75	0	15:23: 6	0.6167	1513.75	80.67
Parada @ 1000' WLM x 5 minutos.					
76	0	15:23:36	0.6250	1539.69	80.43
77	0	15:24: 6	0.6333	1540.25	80.45
78	0	15:24:36	0.6417	1540.71	80.58
79	0	15:25: 6	0.6500	1541.08	80.67
80	0	15:25:36	0.6583	1541.42	80.76
81	0	15:26: 6	0.6667	1541.69	80.81
82	0	15:26:36	0.6750	1542.01	80.86
83	0	15:27: 6	0.6833	1542.36	80.89
84	0	15:27:36	0.6917	1542.92	80.94
85	0	15:28: 6	0.7000	1542.93	80.98
Bajando Registradores @ 2000' WLM.					
86	0	15:28:36	0.7083	1550.05	81.00
87	0	15:29: 6	0.7167	1573.66	81.02
88	0	15:29:36	0.7250	1603.59	81.05
89	0	15:30: 6	0.7333	1631.21	81.24
Parada @ 2000' WLM x 5 minutos.					
90	0	15:30:36	0.7417	1652.05	81.86
91	0	15:31: 6	0.7500	1652.37	82.30
92	0	15:31:36	0.7583	1652.60	82.69

Company: PETRO-TECH PERUANA S.A.

Well: LO6-14

Field: LOBITOS MAR

[Thursday: Jan. 12, 1995]

Page 3

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
93	0	15:32: 6	0.7667	1652.53	83.43
94	0	15:32:36	0.7750	1652.41	83.73
95	0	15:33: 6	0.7833	1652.32	84.04
96	0	15:33:36	0.7917	1652.05	84.38
97	0	15:34: 6	0.8000	1651.82	84.74
98	0	15:34:36	0.8083	1651.62	85.11
99	0	15:35: 6	0.8167	1651.26	85.50
Bajando Registradores @ 3000' WLM.					
100	0	15:35:36	0.8250	1657.71	85.89
101	0	15:36: 6	0.8333	1680.32	85.90
102	0	15:36:36	0.8417	1708.80	86.13
103	0	15:37: 6	0.8500	1738.68	86.48
104	0	15:37:36	0.8583	1768.08	87.16
Parada @ 3000' WLM x 5 minutos.					
105	0	15:38: 6	0.8667	1784.22	87.53
106	0	15:38:36	0.8750	1783.81	88.34
107	0	15:39: 6	0.8833	1783.52	88.73
108	0	15:39:36	0.8917	1783.23	89.38
109	0	15:40: 6	0.9000	1782.71	89.87
110	0	15:40:36	0.9083	1782.54	90.32
111	0	15:41: 6	0.9167	1782.00	90.71
112	0	15:41:36	0.9250	1781.88	90.76
113	0	15:42: 6	0.9333	1781.23	91.53
114	0	15:42:36	0.9417	1780.95	91.88
Bajando Registradores @ 4000' WLM.					
115	0	15:43: 6	0.9500	1780.65	92.05
116	0	15:43:36	0.9583	1794.14	92.49
117	0	15:44: 6	0.9667	1829.30	92.64
118	0	15:44:36	0.9750	1869.91	93.34
Parada @ 4000' WLM x 5 minutos.					
119	0	15:45: 6	0.9833	1913.00	93.39
120	0	15:45:36	0.9917	1933.82	93.89
121	0	15:46: 6	1.0000	1933.17	94.59
122	0	15:46:36	1.0083	1932.44	95.00
123	0	15:47: 6	1.0167	1931.91	95.39
124	0	15:47:36	1.0250	1931.57	95.80
125	0	15:48: 6	1.0333	1931.04	96.23
126	0	15:48:36	1.0417	1930.65	96.92
127	0	15:49: 6	1.0500	1930.31	97.05
128	0	15:49:36	1.0583	1930.02	97.48
Bajando Registradores @ 5000' WLM.					
129	0	15:50: 6	1.0667	1934.53	97.88
130	0	15:50:36	1.0750	1969.68	98.30
131	0	15:51: 6	1.0833	2006.68	98.73
132	0	15:51:36	1.0917	2048.72	99.15
133	0	15:52: 6	1.1000	2089.32	99.56
Parada @ 5000' WLM x 5 minutos.					
134	0	15:52:36	1.1083	2099.55	99.96
135	0	15:53: 6	1.1167	2099.10	100.37
136	0	15:53:36	1.1250	2098.76	100.75

Company: PETRO-TECH PERUANA S.A.

Well: LO6-14

Field: LOBITOS MAR

[Thursday: Jan. 12, 1995]

Page 4

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
137	0	15:54: 6	1.1333	2098.20	101.49
138	0	15:54:36	1.1417	2097.63	101.89
139	0	15:55: 6	1.1500	2097.47	101.91
140	0	15:55:36	1.1583	2096.97	102.65
141	0	15:56: 6	1.1667	2096.32	102.67
142	0	15:56:36	1.1750	2095.87	103.03
143	0	15:57: 6	1.1833	2095.13	103.79
Bajando Registradores @ 5500' WLM.					
144	0	15:57:36	1.1917	2119.00	104.07
145	0	15:58: 6	1.2000	2173.74	104.11
146	0	15:58:36	1.2083	2228.94	104.44
Parada @ 5500' WLM x 5 minutos.					
147	0	15:59: 6	1.2167	2233.70	105.10
148	0	15:59:36	1.2250	2233.83	105.11
149	0	16: 0: 6	1.2333	2233.63	105.43
150	0	16: 0:36	1.2417	2233.66	105.73
151	0	16: 1: 6	1.2500	2233.59	106.50
152	0	16: 1:36	1.2583	2233.49	106.84
153	0	16: 2: 6	1.2667	2233.61	106.65
154	0	16: 2:36	1.2750	2233.47	106.95
155	0	16: 3: 6	1.2833	2233.27	107.61
156	0	16: 3:36	1.2917	2233.29	107.50
Bajando Registradores @ 6000' WLM.					
157	0	16: 4: 6	1.3000	2276.76	107.77
158	0	16: 4:36	1.3083	2334.93	108.04
Parada @ 6000' WLM x 5 minutos.					
159	0	16: 5: 6	1.3167	2371.00	108.31
160	0	16: 5:36	1.3250	2371.30	108.56
161	0	16: 6: 6	1.3333	2371.30	108.82
162	0	16: 6:36	1.3417	2371.29	109.07
163	0	16: 7: 6	1.3500	2371.21	109.67
164	0	16: 7:36	1.3583	2371.12	109.96
165	0	16: 8: 6	1.3667	2371.18	109.78
166	0	16: 8:36	1.3750	2371.23	110.01
167	0	16: 9: 6	1.3833	2371.13	110.24
168	0	16: 9:36	1.3917	2371.08	110.45
Bajando Registradores @ 6500' WLM.					
169	0	16:10: 6	1.4000	2379.56	110.67
170	0	16:10:36	1.4083	2435.68	110.88
171	0	16:11: 6	1.4167	2495.11	111.10
Parada @ 6500' WLM x 5 minutos.					
172	0	16:11:36	1.4250	2510.24	111.32
173	0	16:12: 6	1.4333	2510.11	111.53
174	0	16:12:36	1.4417	2510.06	111.74
175	0	16:13: 6	1.4500	2510.30	111.93
176	0	16:13:36	1.4583	2510.17	112.48
177	0	16:14: 6	1.4667	2510.25	112.27
178	0	16:14:36	1.4750	2510.31	112.46
179	0	16:15: 6	1.4833	2510.32	112.64
180	0	16:15:36	1.4917	2510.22	112.82

Company: PETRO-TECH PERUANA S.A.

Well: LO6-14

Field: LOBITOS MAR

[Thursday: Jan. 12, 1995]

Page 5

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
181	0	16:16: 6	1.5000	2511.04	112.99
		Bajando Registradores @ 6600' WLM.			
182	0	16:16:36	1.5083	2510.46	113.14
183	0	16:17: 6	1.5167	2510.62	113.70
184	0	16:17:36	1.5250	2510.95	113.80
185	0	16:18: 6	1.5333	2523.06	113.95
		Parada @ 6600' WLM x 5 minutos.			
186	0	16:18:36	1.5417	2537.96	114.09
187	0	16:19: 6	1.5500	2538.16	113.88
188	0	16:19:36	1.5583	2538.15	114.01
189	0	16:20: 6	1.5667	2538.20	114.13
190	0	16:20:36	1.5750	2538.57	114.55
191	0	16:21: 6	1.5833	2538.74	114.69
192	0	16:21:36	1.5917	2538.65	114.79
193	0	16:22: 6	1.6000	2539.10	114.62
194	0	16:22:36	1.6083	2539.02	114.73
195	0	16:23: 6	1.6167	2539.07	114.84
		Bajando Registradores @ 6700' WLM.			
196	0	16:23:36	1.6250	2556.33	114.93
		Parada @ 6700' WLM x 5 minutos.			
197	0	16:24: 6	1.6333	2566.25	115.01
198	0	16:24:36	1.6417	2566.41	115.10
199	0	16:25: 6	1.6500	2566.42	115.18
200	0	16:25:36	1.6583	2566.42	115.28
201	0	16:26: 6	1.6667	2566.79	115.36
202	0	16:26:36	1.6750	2566.90	115.45
203	0	16:27: 6	1.6833	2566.88	115.52
204	0	16:27:36	1.6917	2566.99	115.59
205	0	16:28: 6	1.7000	2567.19	115.66
206	0	16:28:36	1.7083	2567.07	115.73
		Bajando Registradores @ 6820' WLM.			
207	0	16:29: 6	1.7167	2592.67	115.80
		Parada @ 6820' WLM x 1 hora.			
208	0	16:29:36	1.7250	2600.50	115.87
209	0	16:30: 6	1.7333	2600.69	115.93
210	0	16:30:36	1.7417	2600.55	116.00
211	0	16:31: 6	1.7500	2600.66	116.06
212	0	16:31:36	1.7583	2600.86	116.12
213	0	16:32: 6	1.7667	2600.61	116.18
214	0	16:32:36	1.7750	2600.88	116.23
215	0	16:33: 6	1.7833	2600.84	116.29
216	0	16:33:36	1.7917	2600.93	116.35
217	0	16:34: 6	1.8000	2601.00	116.40
218	0	16:34:36	1.8083	2601.12	116.45
219	0	16:35: 6	1.8167	2600.87	116.51
220	0	16:35:36	1.8250	2601.25	116.56
221	0	16:36: 6	1.8333	2601.29	116.60
222	0	16:36:36	1.8417	2601.35	116.65
223	0	16:37: 6	1.8500	2601.42	116.70
224	0	16:37:36	1.8583	2601.46	116.75

Company: PETRO-TECH PERUANA S.A.

Well: LO6-14

Field: LOBITOS MAR

[Thursday: Jan. 12, 1995]

Page 6

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
225	0	16:38: 6	1.8667	2601.53	116.78
226	0	16:38:36	1.8750	2601.60	116.82
227	0	16:39: 6	1.8833	2601.64	116.86
228	0	16:39:36	1.8917	2601.71	116.90
229	0	16:40: 6	1.9000	2601.75	116.94
230	0	16:40:36	1.9083	2601.80	116.96
231	0	16:41: 6	1.9167	2601.87	117.00
232	0	16:41:36	1.9250	2601.94	117.03
233	0	16:42: 6	1.9333	2601.98	117.06
234	0	16:42:36	1.9417	2602.03	117.09
235	0	16:43: 6	1.9500	2602.08	117.11
236	0	16:43:36	1.9583	2602.12	117.13
237	0	16:44: 6	1.9667	2602.17	117.15
238	0	16:44:36	1.9750	2602.24	117.17
239	0	16:45: 6	1.9833	2602.29	117.20
240	0	16:45:36	1.9917	2602.33	117.22
241	0	16:46: 6	2.0000	2602.35	117.24
242	0	16:46:36	2.0083	2602.40	117.25
243	0	16:47: 6	2.0167	2602.45	117.27
244	0	16:47:36	2.0250	2602.50	117.29
245	0	16:48: 6	2.0333	2602.52	117.29
246	0	16:48:36	2.0417	2602.57	117.31
247	0	16:49: 6	2.0500	2602.62	117.32
248	0	16:49:36	2.0583	2602.64	117.34
249	0	16:50: 6	2.0667	2602.69	117.35
250	0	16:50:36	2.0750	2602.71	117.36
251	0	16:51: 6	2.0833	2602.76	117.38
252	0	16:51:36	2.0917	2602.78	117.39
253	0	16:52: 6	2.1000	2602.83	117.40
254	0	16:52:36	2.1083	2602.86	117.41
255	0	16:53: 6	2.1167	2602.91	117.42
256	0	16:53:36	2.1250	2602.93	117.43
257	0	16:54: 6	2.1333	2602.95	117.44
258	0	16:54:36	2.1417	2603.00	117.45
259	0	16:55: 6	2.1500	2603.03	117.46
260	0	16:55:36	2.1583	2603.05	117.47
261	0	16:56: 6	2.1667	2603.10	117.47
262	0	16:56:36	2.1750	2603.12	117.48
263	0	16:57: 6	2.1833	2603.15	117.48
264	0	16:57:36	2.1917	2603.17	117.49
265	0	16:58: 6	2.2000	2603.20	117.50
266	0	16:58:36	2.2083	2603.25	117.51
267	0	16:59: 6	2.2167	2603.27	117.51
268	0	16:59:36	2.2250	2603.30	117.52
269	0	17: 0: 6	2.2333	2603.35	117.53
270	0	17: 0:36	2.2417	2603.37	117.53
271	0	17: 1: 6	2.2500	2603.39	117.54
272	0	17: 1:36	2.2583	2603.42	117.55
273	0	17: 2: 6	2.2667	2603.47	117.55
274	0	17: 2:36	2.2750	2603.49	117.56

Company: PETRO-TECH PERUANA S.A.

Well: LO6-14

Field: LOBITOS MAR

[Thursday: Jan. 12, 1995]

Page 7

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
275	0	17: 3: 6	2.2833	2603.52	117.56
276	0	17: 3:36	2.2917	2603.54	117.57
277	0	17: 4: 6	2.3000	2603.57	117.57
278	0	17: 4:36	2.3083	2603.59	117.58
279	0	17: 5: 6	2.3167	2603.64	117.58
280	0	17: 5:36	2.3250	2603.67	117.59
281	0	17: 6: 6	2.3333	2603.69	117.59
282	0	17: 6:36	2.3417	2603.72	117.60
283	0	17: 7: 6	2.3500	2603.74	117.60
284	0	17: 7:36	2.3583	2603.77	117.61
285	0	17: 8: 6	2.3667	2603.79	117.61
286	0	17: 8:36	2.3750	2603.82	117.61
287	0	17: 9: 6	2.3833	2603.84	117.62
288	0	17: 9:36	2.3917	2603.87	117.62
289	0	17:10: 6	2.4000	2603.89	117.63
290	0	17:10:36	2.4083	2603.92	117.63
291	0	17:11: 6	2.4167	2603.94	117.63
292	0	17:11:36	2.4250	2603.97	117.64
293	0	17:12: 6	2.4333	2603.99	117.64
294	0	17:12:36	2.4417	2604.02	117.65
295	0	17:13: 6	2.4500	2604.02	117.65
296	0	17:13:36	2.4583	2604.04	117.65
297	0	17:14: 6	2.4667	2604.07	117.65
298	0	17:14:36	2.4750	2604.07	117.65
299	0	17:15: 6	2.4833	2604.09	117.65
300	0	17:15:36	2.4917	2604.09	117.65
301	0	17:16: 6	2.5000	2604.12	117.66
302	0	17:16:36	2.5083	2604.12	117.66
303	0	17:17: 6	2.5167	2604.14	117.66
304	0	17:17:36	2.5250	2604.11	117.67
305	0	17:18: 6	2.5333	2604.14	117.67
306	0	17:18:36	2.5417	2604.14	117.67
307	0	17:19: 6	2.5500	2604.14	117.67
308	0	17:19:36	2.5583	2604.16	117.68
309	0	17:20: 6	2.5667	2604.16	117.68
310	0	17:20:36	2.5750	2604.16	117.68
311	0	17:21: 6	2.5833	2604.16	117.68
312	0	17:21:36	2.5917	2604.16	117.68
313	0	17:22: 6	2.6000	2604.16	117.68
314	0	17:22:36	2.6083	2604.16	117.68
315	0	17:23: 6	2.6167	2604.14	117.67
316	0	17:23:36	2.6250	2603.70	117.66
317	0	17:24: 6	2.6333	2604.32	117.66
318	0	17:24:36	2.6417	2604.35	117.66
319	0	17:25: 6	2.6500	2604.22	117.66
320	0	17:25:36	2.6583	2604.35	117.66
321	0	17:26: 6	2.6667	2604.14	117.65
322	0	17:26:36	2.6750	2604.17	117.65
323	0	17:27: 6	2.6833	2604.07	117.64
324	0	17:27:36	2.6917	2604.10	117.62

Company: PETRO-TECH PERUANA S.A.

Well: LO6-14

Field: LOBITOS MAR

[Thursday: Jan. 12, 1995]

Page 8

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
325	0	17:28: 6	2.7000	2604.16	117.60
326	0	17:28:36	2.7083	2604.14	117.57
327	0	17:29: 6	2.7167	2604.09	117.53
Final de la Gradiente Estatica.					
Se comienza a subir los Registradores.					
328	0	17:29:36	2.7250	2592.85	117.48
329	0	17:30: 6	2.7333	2571.40	117.74
330	0	17:30:36	2.7417	2555.40	117.69
331	0	17:31: 6	2.7500	2539.47	117.69
332	0	17:31:36	2.7583	2523.39	117.65
333	0	17:32: 6	2.7667	2502.23	117.54
334	0	17:32:36	2.7750	2477.35	117.46
335	0	17:33: 6	2.7833	2452.33	117.41
336	0	17:33:36	2.7917	2427.00	117.37
337	0	17:34: 6	2.8000	2401.31	117.21
338	0	17:34:36	2.8083	2375.26	116.93
339	0	17:35: 6	2.8167	2349.45	116.74
340	0	17:35:36	2.8250	2323.62	116.62
341	0	17:36: 6	2.8333	2297.27	116.55
342	0	17:36:36	2.8417	2270.30	116.32
343	0	17:37: 6	2.8500	2244.36	116.02
344	0	17:37:36	2.8583	2217.84	115.63
345	0	17:38: 6	2.8667	2190.51	115.40
346	0	17:38:36	2.8750	2162.96	115.09
347	0	17:39: 6	2.8833	2136.46	114.97
348	0	17:39:36	2.8917	2109.13	114.74
349	0	17:40: 6	2.9000	2080.79	114.27
350	0	17:40:36	2.9083	2052.59	114.09
351	0	17:41: 6	2.9167	2023.98	113.69
352	0	17:41:36	2.9250	1995.58	113.19
353	0	17:42: 6	2.9333	1966.39	112.81
354	0	17:42:36	2.9417	1938.73	112.54
355	0	17:43: 6	2.9500	1920.63	111.75
356	0	17:43:36	2.9583	1903.68	111.74
357	0	17:44: 6	2.9667	1887.46	111.34
358	0	17:44:36	2.9750	1870.45	110.89
359	0	17:45: 6	2.9833	1854.86	110.08
360	0	17:45:36	2.9917	1838.83	110.01
361	0	17:46: 6	3.0000	1823.30	109.18
362	0	17:46:36	3.0083	1808.16	109.04
363	0	17:47: 6	3.0167	1794.34	108.23
364	0	17:47:36	3.0250	1780.59	107.75
365	0	17:48: 6	3.0333	1767.03	107.60
366	0	17:48:36	3.0417	1753.18	106.75
367	0	17:49: 6	3.0500	1740.62	106.61
368	0	17:49:36	3.0583	1726.15	105.72
369	0	17:50: 6	3.0667	1711.40	105.18
370	0	17:50:36	3.0750	1696.97	105.11
371	0	17:51: 6	3.0833	1682.78	104.47
372	0	17:51:36	3.0917	1668.16	103.97

Company: PETRO-TECH PERUANA S.A.

Well: LO6-14

Field: LOBITOS MAR

[Thursday: Jan. 12, 1995]

Page 9

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
373	0	17:52: 6	3.1000	1653.81	103.25
374	0	17:52:36	3.1083	1639.02	102.78
375	0	17:53: 6	3.1167	1624.97	102.08
376	0	17:53:36	3.1250	1610.75	101.62
377	0	17:54: 6	3.1333	1596.62	100.56
378	0	17:54:36	3.1417	1587.42	100.34
379	0	17:55: 6	3.1500	1583.50	99.62
380	0	17:55:36	3.1583	1578.90	99.05
381	0	17:56: 6	3.1667	1574.43	98.27
382	0	17:56:36	3.1750	1569.87	97.67
383	0	17:57: 6	3.1833	1565.34	97.15
384	0	17:57:36	3.1917	1560.74	96.19
385	0	17:58: 6	3.2000	1555.93	95.58
386	0	17:58:36	3.2083	1550.83	94.83
387	0	17:59: 6	3.2167	1546.22	94.08
388	0	17:59:36	3.2250	1543.30	93.21
389	0	18: 0: 6	3.2333	1539.60	92.41
390	0	18: 0:36	3.2417	1536.28	91.84
391	0	18: 1: 6	3.2500	1533.11	90.83
392	0	18: 1:36	3.2583	1530.51	90.19
393	0	18: 2: 6	3.2667	1526.58	89.13
394	0	18: 2:36	3.2750	1522.79	88.11
395	0	18: 3: 6	3.2833	1519.46	87.03
396	0	18: 3:36	3.2917	1516.48	85.88
397	0	18: 4: 6	3.3000	1515.52	85.04
398	0	18: 4:36	3.3083	1516.16	84.33
399	0	18: 5: 6	3.3167	1516.89	83.51
400	0	18: 5:36	3.3250	1518.18	83.04
401	0	18: 6: 6	3.3333	1518.44	82.66
402	0	18: 6:36	3.3417	1518.85	82.31
403	0	18: 7: 6	3.3500	1495.26	82.25
404	0	18: 7:36	3.3583	1446.35	81.63
405	0	18: 8: 6	3.3667	1426.05	81.02
406	0	18: 8:36	3.3750	14.50	80.92
407	0	18: 9: 6	3.3833	14.50	80.32
408	0	18: 9:36	3.3917	14.50	79.36
409	0	18:10: 6	3.4000	14.50	78.89
410	0	18:10:36	3.4083	14.50	77.96
411	0	18:11: 6	3.4167	14.50	77.54
412	0	18:11:36	3.4250	14.50	76.69
413	0	18:12: 6	3.4333	14.50	76.22
414	0	18:12:36	3.4417	14.50	75.97
415	0	18:13: 6	3.4500	14.50	75.49
416	0	18:13:36	3.4583	14.50	75.25
417	0	18:14: 6	3.4667	14.50	74.91
418	0	18:14:36	3.4750	14.50	74.59
419	0	18:15: 6	3.4833	14.50	74.28
420	0	18:15:36	3.4917	14.50	74.13
421	0	18:16: 6	3.5000	14.50	73.95
422	0	18:16:36	3.5083	14.50	73.84

LWA**SPC**

Company: PETRO-TECH PERUANA S.A.

Well: L06-14

Field: LOBITOS MAR

[Thursday: Jan. 12, 1995]

Page 10

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
423	0	18:17: 6	3.5167	14.50	73.79
424	0	18:17:36	3.5250	14.50	73.76
425	0	18:18: 6	3.5333	14.50	73.72
426	0	18:18:36	3.5417	14.50	73.72
427	0	18:19: 6	3.5500	14.50	73.67
428	0	18:19:36	3.5583	14.50	73.68
429	0	18:20: 6	3.5667	14.50	73.69
430	0	18:20:36	3.5750	14.50	73.67
431	0	18:21: 6	3.5833	14.50	73.64

[L.W.A. & S.P.C.]