

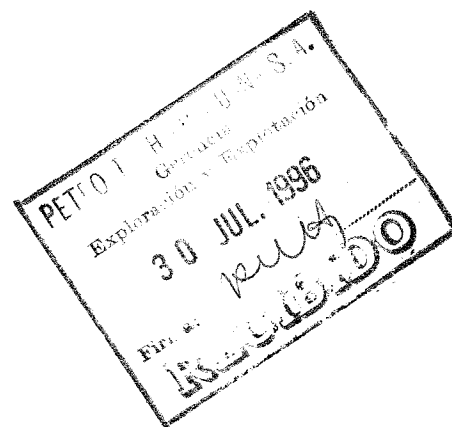
*This was
Audited By Harrison*

REGISTRO DE PRESION FLUYENTE

**PETRO-TECH PERUANA S.A.
LOBITOS MAR LO16-14
TALARA - PERU**

DEL 22 AL 24 DE JULIO DE 1996

REPORTE PREPARADO
POR
EDDY CORDERO MANRIQUE



INFORMACION GENERAL

POZO : LO16-14		LOBITOS MAR
PRUEBA : REGISTRO DE PRESION FLUYENTE		
FORMACION : BASAL SALINA		INTERVALO PRODUCTOR : 9664' - 9460'

FECHA	DATOS DEL POZO
22/07/96	Instalación Actual : Casing 5 1/2". Estado del Pozo: Productor. Pruebas: 440 bopd x 1088 GOR x 120# (27/06/96). 432 bopd (23/07/96). Acumulado: 288476 bls (Junio 96). Tope de arena: 9670'.
HORA	

DESARROLLO DE LA PRUEBA	
01:45:00	Chequeó baterías del Memory Gauges. Prueba Satisfactoria.
02:05:07	Se conectó baterías.
02:20:00	Registradores en el Lubricador.
	El pozo se encontraba fluyendo con bean de 5/8".
	Se mantiene línea de producción abierta sin estrangular a separadores.
02:30:00	Se inició bajada de registradores, realizando paradas por 5 minutos cada 250 ft. desde superficie hasta 9570 ft (100' encima del tope de arena).
07:03:51	Memory gauges @ 9570'. Registrando presión fluyente y temperatura de fondo durante 2 horas.
09:03:00	Se cambió bean por uno de 1/2". Registrando presión fluyente y temperatura de fondo por 57 horas. Igualmente se registró la presión en cabeza y producción cada hora (ver cuadros adjuntos).
24/07/96	Término de la prueba.
17:00:00	Personal de Corelab recolecta muestras representativas de crudo y gas del sistema de producción.
	Personal de producción toma una muestra de gas del separador.
18:05:50	Subiendo registradores @ superficie.
18:54:00	Desfogó Lubricador.
19:00:00	Desconectó baterías.

OBSERVACIONES :	
Los datos utilizados corresponden al registrador de tope, serial 20602.	
En la prueba de Gradiente Fluyente se determinó gas y crudo:	
GRADIENTE DEL GAS : 0.060 PSI/FT @ SUPERFICIE.	
GRADIENTE DEL CRUDO: 0.230 PSI/FT @ 3577 PV (4310 PM).	
Presión Fluyente de Fondo : 1359.38 psia.	
Temperatura Fluyente de Fondo : 128.53 °F.	
Presión Fluyente en Superficie : 134 psia.	
Temperatura en superficie : 67 °F.	

LO16-14

INSTALACION DE SUBSUELO

(CASING 5 1/2")

KB 50'

9460'

9664'

BASAL

10176'

10240'

10330'

T.D. 10339'

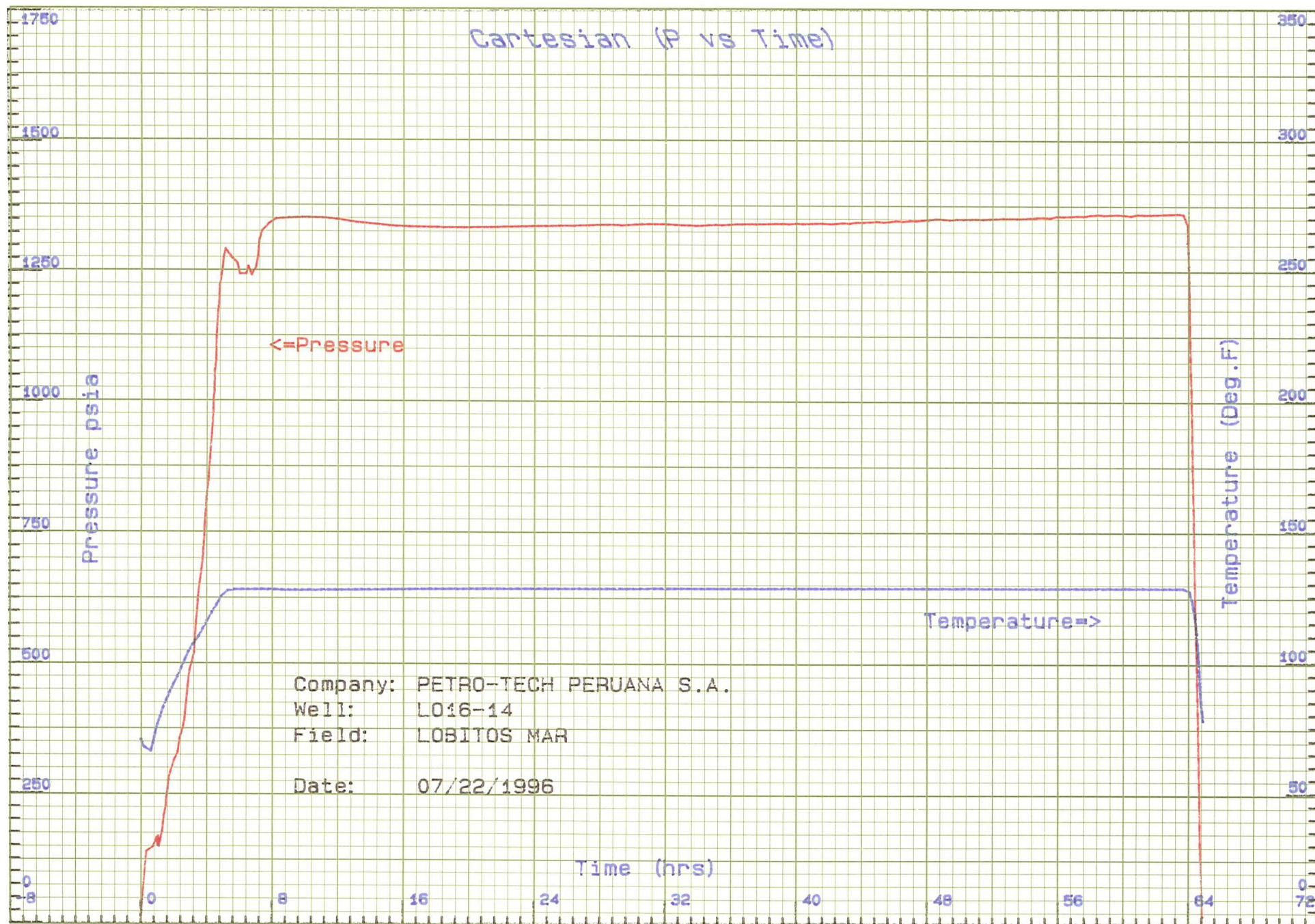
COMENTARIOS

En el pozo LO16-14 del área Lobitos Mar, se realizó un registro de presión fluyente con la finalidad de establecer los requerimientos necesarios para la toma de muestras representativas de líquido y gas del sistema de producción y posteriormente obtener las propiedades de los fluidos existentes.

Antes de dejar los registradores a la profundidad de 9570' (el tope de arena se encontró a 9670'), se obtuvo una gradiente fluyente realizando paradas cada 250'. El pozo se dejó fluyendo con bean de 5/8" por 2 horas y luego se procedió a cambiarlo por uno de 1/2" hasta el final de la prueba.

De la data obtenida, se puede apreciar que después de una hora fluyendo en el fondo (con bean de 1/2") la presión fluyente fue de 1344.75 psia y al final de la prueba (aproximadamente 57 horas) la presión fluyente fue 1359.38 psia, observándose un comportamiento uniforme en el gráfico cartesiano. En la prueba se observa una temperatura fluyente en el fondo promedia de 128.53°F.

Es importante señalar que durante la prueba se tuvo una producción promedia de 18 barriles por hora (lectura directa de flocos) y el manómetro registraba una presión en cabeza de 135 psig.



COMPañÍA : PETRO-TECH PERUANA S.A.

AREA : LOBITOS MAR

POZO : LO16-14

PRUEBA : DRAWDOWN

DIA	HORA	PROD	PRESION	GOR	BSW%
22-07-96	Pozo fluyendo con bean de 5/8".				
	02:00	-	95		
	03:00	20.9 ✓	95		
	04:00	16.7	95		
	05:00	20.5 ✓	50		
	06:00	21 ✓	50		
	07:00	14.8	50		
	08:00	22 ✓	95		
	09:00	18.5 ✓	40		
	A las 09:05 se realizó cambio de bean por uno de 1/2".				
	10:00	14.3	100	1	
	11:00	14.3	110	2	
	12:00	16.1	110	3	
	13:00	16.9	110	4	
	14:00	17.4	120	5	
	15:00	17.7	120	6	
	16:00	17.9	120	7	
	17:00	17.8	120	8	
	18:00	17.9	120	9	
	19:00	18.2	120	10	
	20:00	18	120	11	
	21:00	19	120	12	
23-07-96	22:00	18	120	13	
	23:00	18.1	120	14	
	00:00	18	120	15	
	01:00	18.2	120	16	
	02:00	18.1	120	17	
	03:00	18	120	18	
	04:00	17.9	120	19	
	05:00	18.4	120	20	
	06:00	17.9	120	21	
	07:00	18	130	22	
	08:00	18	130	23	
	09:00	19.6	135	24	
	10:00	17.8	135	25	

DIA	HORA	PROD	PRESION	GOR	BSW%
23-07-96	11:00	19.7	135	26	
	12:00	18.4	135	22	
	13:00	18	135	28	
	14:00	18.8	135	29	
	15:00	17.3	135	20	
	16:00	18.6	135	31	
	17:00	19.4	135	32	
	18:00	18	135	33	
	19:00	18	135	34	
	20:00	18.1	135	35	
	21:00	17.7	135	36	
	22:00	19	135	37	
	23:00	19.3	135	38	
24-07-96	00:00	17.4	135	39	
	01:00	17.1	135	40	
	02:00	19.2	135	41	
	03:00	19	135	42	
	04:00	18	135	43	
	05:00	18.1	135	44	
	06:00				
	07:00	18	135	45	
	08:00	17.2	135	46	
	09:00	18.8	135	47	
	10:00	17.6	135	48	
	11:00	18.6	135	49	
	12:00	17.3	130	50	
	13:00	17.3	130	51	
	14:00	18.6	135	52	
	15:00	17.7	135	53	
	16:00	18	135	54	
	17:00	23	135	55	
	18:00	17.6	135	56	
	19:00	18	135	57	

Company: PETRO-TECH PERUANA S.A.
Well: LO16-14
Field: LOBITOS MAR

County: Peru
State: Talara

Engineer: Julian Duenas G.
Gauge Type: Electronic Gauge
Serial No.: 20611
Gauge Range: 0-3014
Gauge Depth: 7446 ft

Date: 07/22/1997

Well Type: Oil
Test Type: Flowing Gradient
Well Status: Producer

[GRADIENT DATA]

#	MD	TVD	PRESSURE	PSI/ft
1	0	0	133.00	
2	250	250	138.32	0.021
3	500	500	145.00	0.027
4	750	750	155.70	0.043
5	1000	996	162.48	0.028
6	1250	1235	141.99	0.000
7	1500	1466	149.84	0.034
8	1750	1696	188.50	0.168
9	2000	1864	212.60	0.143
10	2250	2050	245.99	0.180
11	2500	2236	271.48	0.137
12	2750	2422	288.34	0.091
13	3000	2605	300.45	0.066
14	3250	2786	312.45	0.066
15	3500	2967	323.00	0.058
16	3750	3151	336.66	0.074
17	4000	3338	350.00	0.071
18	4250	3530	360.00	0.052
19	4500	3728	380.00	0.101
20	4750	3926	403.00	0.116
21	5000	4117	437.53	0.181
22	5250	4297	462.00	0.136
23	5500	4477	491.00	0.161
24	5750	4659	539.86	0.268
25	6000	4842	585.00	0.247
26	6250	5026	620.00	0.190
27	6500	5210	653.00	0.179
28	6750	5394	675.00	0.120
29	7000	5578	718.00	0.234
30	7250	5768	765.00	0.247

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Well Status: Producer

[GRADIENT DATA]

#	MD	TVD	PRESSURE	PSI/ft
1	7250	5768	765.00	
2	7500	5962	814.00	0.253
3	7750	6156	848.00	0.175
4	8000	6354	893.00	0.227
5	8250	6554	949.00	0.280
6	8500	6756	1011.00	0.307
7	8750	6960	1068.59	0.282
8	9000	7160	1121.00	0.262
9	9250	7356	1173.00	0.265
10	9500	7548	1222.00	0.255
11	9570	7602	1242.00	0.370

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Company: PETRO-TECH PERUANA S.A.

Well: LO16-14

Field: LOBITOS MAR

[Monday: July 22, 1996]

Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
Reg.Electronicos Starburst Ultra II.					
Tope:Inst# 20602, Fondo:Inst# 20600.					
Conecto Baterias: 02:05:07					
1	0	2: 5: 7	0.0000	14.50	70.66
4	0	2: 8: 7	0.0500	14.50	70.01
7	0	2:11: 7	0.1000	14.50	69.33
10	0	2:14: 7	0.1500	14.50	68.18
13	0	2:17: 7	0.2000	14.50	67.69
16	0	2:20: 7	0.2500	14.50	67.12
19	0	2:23: 7	0.3000	14.50	66.84
Presurizo Lubricador.					
21	0	2:25: 7	0.3333	138.38	66.73
25	0	2:29: 7	0.4000	138.20	66.77
27	0	2:31: 7	0.4333	137.04	66.67
28	0	2:32: 7	0.4500	136.45	66.66
29	0	2:33: 7	0.4667	135.95	66.67
30	0	2:34: 7	0.4833	135.34	66.69
31	0	2:35: 7	0.5000	134.83	66.74
Parada @ 0'.					
32	0	2:36: 7	0.5167	133.92	66.55
33	0	2:37: 7	0.5333	133.29	66.46
34	0	2:38: 7	0.5500	132.43	66.39
35	0	2:39: 7	0.5667	132.32	66.30
36	0	2:40: 7	0.5833	131.97	66.15
37	0	2:41: 7	0.6000	131.53	66.11
38	0	2:42: 7	0.6167	132.23	66.07
Parada @ 250'.					
39	0	2:43: 7	0.6333	137.03	66.47
40	0	2:44: 7	0.6500	139.08	66.87
41	0	2:45: 7	0.6667	138.06	67.27
42	0	2:46: 7	0.6833	138.32	67.74
43	0	2:47: 7	0.7000	138.56	68.09
44	0	2:48: 7	0.7167	138.72	68.29
45	0	2:49: 7	0.7333	146.19	68.71
Parada @ 500'.					
46	0	2:50: 7	0.7500	147.77	69.33
47	0	2:51: 7	0.7667	143.22	69.77
48	0	2:52: 7	0.7833	144.00	70.46
49	0	2:53: 7	0.8000	146.08	70.83
50	0	2:54: 7	0.8167	145.43	71.25
51	0	2:55: 7	0.8333	149.47	71.67
Parada @ 750'.					
52	0	2:56: 7	0.8500	149.95	72.08
53	0	2:57: 7	0.8667	155.95	72.98
54	0	2:58: 7	0.8833	156.01	73.20
55	0	2:59: 7	0.9000	155.70	73.95
56	0	3: 0: 7	0.9167	155.84	74.26
57	0	3: 1: 7	0.9333	156.39	74.52
Parada @ 1000'.					
58	0	3: 2: 7	0.9500	164.78	74.83

Company: PETRO-TECH PERUANA S.A.
 Well: LO16-14
 Field: LOBITOS MAR

[Monday: July 22, 1996]
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
59	0	3: 3: 7	0.9667	162.62	74.90
60	0	3: 4: 7	0.9833	165.54	75.27
61	0	3: 5: 7	1.0000	162.48	75.64
62	0	3: 6: 7	1.0167	150.66	76.39
63	0	3: 7: 7	1.0333	148.69	76.70
64	0	3: 8: 7	1.0500	149.48	76.73
65	0	3: 9: 7	1.0667	167.04	77.08
Parada @ 1250'.					
66	0	3:10: 7	1.0833	161.66	77.41
67	0	3:11: 7	1.1000	147.92	77.75
68	0	3:12: 7	1.1167	137.91	78.05
69	0	3:13: 7	1.1333	141.99	78.37
70	0	3:14: 7	1.1500	144.38	78.70
71	0	3:15: 7	1.1667	152.81	79.01
Parada @ 1500'.					
72	0	3:16: 7	1.1833	155.89	79.34
73	0	3:17: 7	1.2000	149.25	79.66
74	0	3:18: 7	1.2167	149.84	79.98
75	0	3:19: 7	1.2333	139.43	80.29
76	0	3:20: 7	1.2500	153.34	80.60
77	0	3:21: 7	1.2667	160.90	80.91
78	0	3:22: 7	1.2833	175.29	81.22
Parada @ 1750'.					
79	0	3:23: 7	1.3000	184.67	81.52
80	0	3:24: 7	1.3167	186.41	81.82
81	0	3:25: 7	1.3333	188.50	82.12
82	0	3:26: 7	1.3500	189.89	82.70
83	0	3:27: 7	1.3667	191.88	82.71
84	0	3:28: 7	1.3833	196.82	83.00
85	0	3:29: 7	1.4000	207.20	83.28
Parada @ 2000'.					
86	0	3:30: 7	1.4167	209.30	83.92
87	0	3:31: 7	1.4333	211.05	84.18
88	0	3:32: 7	1.4500	212.60	84.44
89	0	3:33: 7	1.4667	215.20	84.39
90	0	3:34: 7	1.4833	217.89	84.67
91	0	3:35: 7	1.5000	220.49	84.93
92	0	3:36: 7	1.5167	227.08	85.20
93	0	3:37: 7	1.5333	239.85	85.46
Parada @ 2250'.					
94	0	3:38: 7	1.5500	242.15	85.71
95	0	3:39: 7	1.5667	245.99	85.96
96	0	3:40: 7	1.5833	249.51	86.21
97	0	3:41: 7	1.6000	252.58	86.46
98	0	3:42: 7	1.6167	252.74	86.70
99	0	3:43: 7	1.6333	257.24	86.93
Parada @ 2500'.					
100	0	3:44: 7	1.6500	269.32	87.16
101	0	3:45: 7	1.6667	273.44	87.39
102	0	3:46: 7	1.6833	271.48	87.62

Company: PETRO-TECH PERUANA S.A.

Well: LO16-14

Field: LOBITOS MAR

[Monday: July 22, 1996]

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
103	0	3:47: 7	1.7000	273.13	87.86
104	0	3:48: 7	1.7167	275.13	88.09
105	0	3:49: 7	1.7333	276.03	88.32
106	0	3:50: 7	1.7500	274.77	88.55
107	0	3:51: 7	1.7667	285.27	88.78
		Parada @ 2750'.			
108	0	3:52: 7	1.7833	289.37	89.01
109	0	3:53: 7	1.8000	288.86	89.23
110	0	3:54: 7	1.8167	288.34	89.45
111	0	3:55: 7	1.8333	287.50	89.67
112	0	3:56: 7	1.8500	287.36	89.90
113	0	3:57: 7	1.8667	286.34	90.12
114	0	3:58: 7	1.8833	286.10	90.33
115	0	3:59: 7	1.9000	292.15	90.55
		Parada @ 3000'.			
116	0	4: 0: 7	1.9167	300.79	90.76
117	0	4: 1: 7	1.9333	300.45	90.98
118	0	4: 2: 7	1.9500	299.43	91.19
119	0	4: 3: 7	1.9667	298.77	91.40
120	0	4: 4: 7	1.9833	298.31	91.61
121	0	4: 5: 7	2.0000	302.83	91.83
		Parada @ 3250'.			
122	0	4: 6: 7	2.0167	312.77	92.03
123	0	4: 7: 7	2.0333	312.45	92.24
124	0	4: 8: 7	2.0500	312.29	92.44
125	0	4: 9: 7	2.0667	311.30	92.66
126	0	4:10: 7	2.0833	310.36	92.86
127	0	4:11: 7	2.1000	309.62	93.07
128	0	4:12: 7	2.1167	308.71	93.27
129	0	4:13: 7	2.1333	318.20	93.49
		Parada @ 3500'.			
130	0	4:14: 7	2.1500	323.84	93.70
131	0	4:15: 7	2.1667	323.06	93.90
132	0	4:16: 7	2.1833	322.29	94.11
133	0	4:17: 7	2.2000	321.40	94.33
134	0	4:18: 7	2.2167	320.87	94.54
135	0	4:19: 7	2.2333	319.98	94.75
136	0	4:20: 7	2.2500	330.13	94.96
		Parada @ 3750'.			
137	0	4:21: 7	2.2667	337.07	95.19
138	0	4:22: 7	2.2833	336.66	95.40
139	0	4:23: 7	2.3000	336.32	95.61
140	0	4:24: 7	2.3167	335.68	95.83
141	0	4:25: 7	2.3333	335.46	96.05
142	0	4:26: 7	2.3500	344.44	96.28
		Parada @ 4000'.			
143	0	4:27: 7	2.3667	354.57	96.50
144	0	4:28: 7	2.3833	354.16	96.72
145	0	4:29: 7	2.4000	351.14	96.95
146	0	4:30: 7	2.4167	344.42	97.17

Company: PETRO-TECH PERUANA S.A.

Well: L016-14

Field: LOBITOS MAR

[Monday: July 22, 1996]

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
147	0	4:31: 7	2.4333	344.15	97.41
148	0	4:32: 7	2.4500	346.87	97.64
149	0	4:33: 7	2.4667	348.23	97.87
		Parada @ 4250'.			
150	0	4:34: 7	2.4833	359.80	98.10
151	0	4:35: 7	2.5000	359.08	98.34
152	0	4:36: 7	2.5167	361.88	98.57
153	0	4:37: 7	2.5333	361.46	98.81
154	0	4:38: 7	2.5500	359.34	99.06
155	0	4:39: 7	2.5667	360.49	99.30
		Parada @ 4500'.			
156	0	4:40: 7	2.5833	378.97	99.53
157	0	4:41: 7	2.6000	382.83	99.77
158	0	4:42: 7	2.6167	382.99	100.01
159	0	4:43: 7	2.6333	380.47	100.25
160	0	4:44: 7	2.6500	378.16	100.49
161	0	4:45: 7	2.6667	394.09	100.74
		Parada @ 4750'.			
162	0	4:46: 7	2.6833	402.94	100.98
163	0	4:47: 7	2.7000	402.17	101.22
164	0	4:48: 7	2.7167	404.04	101.46
165	0	4:49: 7	2.7333	406.04	101.70
166	0	4:50: 7	2.7500	406.46	101.94
167	0	4:51: 7	2.7667	423.17	102.17
		Parada @ 5000'.			
168	0	4:52: 7	2.7833	433.89	102.40
169	0	4:53: 7	2.8000	437.53	102.64
170	0	4:54: 7	2.8167	439.08	102.89
171	0	4:55: 7	2.8333	441.24	103.14
172	0	4:56: 7	2.8500	438.90	103.38
173	0	4:57: 7	2.8667	454.11	103.62
		Parada @ 5250'.			
174	0	4:58: 7	2.8833	459.62	103.85
175	0	4:59: 7	2.9000	462.14	104.08
176	0	5: 0: 7	2.9167	461.67	104.31
177	0	5: 1: 7	2.9333	459.89	104.52
178	0	5: 2: 7	2.9500	458.10	104.72
179	0	5: 3: 7	2.9667	467.91	104.91
		Parada @ 5500'.			
180	0	5: 4: 7	2.9833	485.96	105.11
181	0	5: 5: 7	3.0000	491.25	105.30
182	0	5: 6: 7	3.0167	492.65	105.92
183	0	5: 7: 7	3.0333	492.74	106.22
184	0	5: 8: 7	3.0500	491.64	106.37
185	0	5: 9: 7	3.0667	489.49	106.50
186	0	5:10: 7	3.0833	488.81	106.69
187	0	5:11: 7	3.1000	491.90	106.78
188	0	5:12: 7	3.1167	492.87	106.83
189	0	5:13: 7	3.1333	493.03	106.63
190	0	5:14: 7	3.1500	491.80	106.79

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
191	0	5:15: 7	3.1667	490.31	106.92
192	0	5:16: 7	3.1833	491.77	107.06
193	0	5:17: 7	3.2000	495.96	107.20
194	0	5:18: 7	3.2167	498.39	107.35
195	0	5:19: 7	3.2333	498.97	107.47
196	0	5:20: 7	3.2500	498.49	107.59
197	0	5:21: 7	3.2667	520.17	107.71
Parada @ 5750'.					
198	0	5:22: 7	3.2833	531.79	107.83
199	0	5:23: 7	3.3000	537.86	107.66
200	0	5:24: 7	3.3167	539.86	107.78
201	0	5:25: 7	3.3333	539.72	108.21
202	0	5:26: 7	3.3500	539.54	108.35
203	0	5:27: 7	3.3667	552.23	108.13
Parada @ 6000'.					
204	0	5:28: 7	3.3833	574.53	108.27
205	0	5:29: 7	3.4000	578.64	108.78
206	0	5:30: 7	3.4167	582.45	108.94
207	0	5:31: 7	3.4333	585.88	109.09
208	0	5:32: 7	3.4500	588.62	109.25
209	0	5:33: 7	3.4667	587.17	109.40
210	0	5:34: 7	3.4833	603.83	109.57
Parada @ 6250'.					
211	0	5:35: 7	3.5000	616.94	109.73
212	0	5:36: 7	3.5167	619.72	109.91
213	0	5:37: 7	3.5333	619.33	110.09
214	0	5:38: 7	3.5500	621.64	110.26
215	0	5:39: 7	3.5667	618.21	110.43
216	0	5:40: 7	3.5833	613.11	110.63
217	0	5:41: 7	3.6000	618.56	110.82
218	0	5:42: 7	3.6167	651.77	111.00
Parada @ 6500'.					
219	0	5:43: 7	3.6333	653.48	111.19
220	0	5:44: 7	3.6500	653.81	111.37
221	0	5:45: 7	3.6667	648.69	111.55
222	0	5:46: 7	3.6833	640.72	111.75
223	0	5:47: 7	3.7000	640.96	111.93
224	0	5:48: 7	3.7167	646.95	112.12
Parada @ 6750'.					
225	0	5:49: 7	3.7333	677.42	112.32
226	0	5:50: 7	3.7500	673.31	112.51
227	0	5:51: 7	3.7667	673.35	112.70
228	0	5:52: 7	3.7833	675.05	112.90
229	0	5:53: 7	3.8000	673.87	113.09
230	0	5:54: 7	3.8167	699.02	113.28
Parada @ 7000'.					
231	0	5:55: 7	3.8333	713.04	113.47
232	0	5:56: 7	3.8500	718.01	113.66
233	0	5:57: 7	3.8667	718.62	113.85
234	0	5:58: 7	3.8833	718.05	114.04

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
235	0	5:59: 7	3.9000	716.59	114.24
236	0	6: 0: 7	3.9167	742.89	114.43
		Parada @ 7250'.			
237	0	6: 1: 7	3.9333	759.72	114.62
238	0	6: 2: 7	3.9500	765.11	114.82
239	0	6: 3: 7	3.9667	769.73	115.00
240	0	6: 4: 7	3.9833	770.74	115.19
241	0	6: 5: 7	4.0000	768.03	115.39
242	0	6: 6: 7	4.0167	764.35	115.57
243	0	6: 7: 7	4.0333	767.50	115.76
244	0	6: 8: 7	4.0500	810.40	115.95
		Parada @ 7500'.			
245	0	6: 9: 7	4.0667	813.45	116.14
246	0	6:10: 7	4.0833	816.50	116.32
247	0	6:11: 7	4.1000	811.17	116.52
248	0	6:12: 7	4.1167	803.93	116.70
249	0	6:13: 7	4.1333	805.66	116.88
250	0	6:14: 7	4.1500	813.05	117.07
		Parada @ 7750'.			
251	0	6:15: 7	4.1667	848.21	117.25
252	0	6:16: 7	4.1833	842.79	117.43
253	0	6:17: 7	4.2000	845.94	117.62
254	0	6:18: 7	4.2167	848.32	117.80
255	0	6:19: 7	4.2333	847.88	117.97
256	0	6:20: 7	4.2500	855.29	118.16
		Parada @ 8000'.			
257	0	6:21: 7	4.2667	890.81	118.34
258	0	6:22: 7	4.2833	888.02	118.52
259	0	6:23: 7	4.3000	893.99	118.70
260	0	6:24: 7	4.3167	898.63	118.88
261	0	6:25: 7	4.3333	897.60	119.05
262	0	6:26: 7	4.3500	895.72	119.23
263	0	6:27: 7	4.3667	894.18	119.41
264	0	6:28: 7	4.3833	936.47	119.58
		Parada @ 8250'.			
265	0	6:29: 7	4.4000	942.56	119.76
266	0	6:30: 7	4.4167	947.83	119.94
267	0	6:31: 7	4.4333	949.58	120.12
268	0	6:32: 7	4.4500	949.35	120.28
269	0	6:33: 7	4.4667	947.49	120.45
270	0	6:34: 7	4.4833	982.73	120.62
		Parada @ 8500'.			
271	0	6:35: 7	4.5000	1005.16	120.79
272	0	6:36: 7	4.5167	1011.10	120.96
273	0	6:37: 7	4.5333	1015.87	121.12
274	0	6:38: 7	4.5500	1020.57	121.29
275	0	6:39: 7	4.5667	1058.70	121.46
		Parada @ 8750'.			
276	0	6:40: 7	4.5833	1072.62	121.62
277	0	6:41: 7	4.6000	1068.03	121.79

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
278	0	6:42: 7	4.6167	1068.59	121.95
279	0	6:43: 7	4.6333	1066.58	122.12
280	0	6:44: 7	4.6500	1062.19	122.28
281	0	6:45: 7	4.6667	1079.71	122.43
Parada @ 9000'.					
282	0	6:46: 7	4.6833	1120.93	122.58
283	0	6:47: 7	4.7000	1124.19	122.73
284	0	6:48: 7	4.7167	1121.00	122.90
285	0	6:49: 7	4.7333	1116.46	123.08
286	0	6:50: 7	4.7500	1110.11	123.26
287	0	6:51: 7	4.7667	1128.43	123.45
Parada @ 9250'.					
288	0	6:52: 7	4.7833	1172.61	123.64
289	0	6:53: 7	4.8000	1175.79	123.82
290	0	6:54: 7	4.8167	1173.05	124.01
291	0	6:55: 7	4.8333	1166.77	124.21
292	0	6:56: 7	4.8500	1160.76	124.05
293	0	6:57: 7	4.8667	1200.79	124.10
Parada @ 9500'.					
294	0	6:58: 7	4.8833	1223.53	124.20
295	0	6:59: 7	4.9000	1222.58	124.50
296	0	7: 0: 7	4.9167	1220.04	125.18
297	0	7: 1: 7	4.9333	1217.93	125.36
298	0	7: 2: 7	4.9500	1216.34	125.53
299	0	7: 3: 7	4.9667	1217.75	125.99
Parada @ 9570'.					
Registrando presion fluyente.					
300	0	7: 4: 7	4.9833	1242.18	126.14
301	0	7: 5: 7	5.0000	1244.03	126.34
302	0	7: 6: 7	5.0167	1246.28	126.57
303	0	7: 7: 7	5.0333	1249.78	126.77
304	0	7: 8: 7	5.0500	1253.70	127.03
305	0	7: 9: 7	5.0667	1257.42	127.27
306	0	7:10: 7	5.0833	1261.55	127.35
307	0	7:11: 7	5.1000	1268.47	127.39
308	0	7:12: 7	5.1167	1276.54	127.41
309	0	7:13: 7	5.1333	1280.98	127.13
310	0	7:14: 7	5.1500	1282.84	127.23
311	0	7:15: 7	5.1667	1282.26	127.33
312	0	7:16: 7	5.1833	1279.57	127.40
313	0	7:17: 7	5.2000	1284.00	127.47
314	0	7:18: 7	5.2167	1288.34	127.53
315	0	7:19: 7	5.2333	1293.28	127.59
320	0	7:24: 7	5.3167	1293.65	127.73
325	0	7:29: 7	5.4000	1286.51	127.88
330	0	7:34: 7	5.4833	1282.91	127.96
335	0	7:39: 7	5.5667	1278.62	128.04
340	0	7:44: 7	5.6500	1274.15	128.09
345	0	7:49: 7	5.7333	1270.29	128.13
350	0	7:54: 7	5.8167	1267.84	128.15

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
355	0	7:59: 7	5.9000	1266.16	128.16
360	0	8: 4: 7	5.9833	1264.48	128.16
365	0	8: 9: 7	6.0667	1261.15	128.17
370	0	8:14: 7	6.1500	1241.87	128.17
375	0	8:19: 7	6.2333	1239.82	128.16
380	0	8:24: 7	6.3167	1232.74	128.16
385	0	8:29: 7	6.4000	1240.12	128.16
390	0	8:34: 7	6.4833	1243.72	128.17
395	0	8:39: 7	6.5667	1252.25	128.17
400	0	8:44: 7	6.6500	1258.35	128.18
405	0	8:49: 7	6.7333	1267.53	128.18
410	0	8:54: 7	6.8167	1251.52	128.19
415	0	8:59: 7	6.9000	1241.21	128.19
Se cambia bean de 5/8" por uno de 1/2".					
Pozo fluyendo con bean de 1/2".					
418	0	9: 2: 7	6.9500	1239.86	128.19
425	0	9: 9: 7	7.0667	1246.29	128.20
430	0	9:14: 7	7.1500	1272.15	128.21
435	0	9:19: 7	7.2333	1284.90	128.22
440	0	9:24: 7	7.3167	1311.88	128.22
445	0	9:29: 7	7.4000	1310.86	128.22
450	0	9:34: 7	7.4833	1328.82	128.21
455	0	9:39: 7	7.5667	1332.02	128.19
460	0	9:44: 7	7.6500	1334.83	128.17
465	0	9:49: 7	7.7333	1337.74	128.16
470	0	9:54: 7	7.8167	1340.24	128.14
475	0	9:59: 7	7.9000	1342.62	128.11
480	0	10: 4: 7	7.9833	1344.75	128.09
485	0	10: 9: 7	8.0667	1347.68	128.08
490	0	10:14: 7	8.1500	1348.09	128.06
495	0	10:19: 7	8.2333	1349.24	128.04
500	0	10:24: 7	8.3167	1350.10	128.03
505	0	10:29: 7	8.4000	1350.72	128.02
510	0	10:34: 7	8.4833	1351.30	128.01
515	0	10:39: 7	8.5667	1351.75	128.00
520	0	10:44: 7	8.6500	1352.18	127.99
525	0	10:49: 7	8.7333	1352.46	127.99
530	0	10:54: 7	8.8167	1352.63	127.98
535	0	10:59: 7	8.9000	1352.74	127.97
540	0	11: 4: 7	8.9833	1352.79	127.97
545	0	11: 9: 7	9.0667	1352.81	127.97
550	0	11:14: 7	9.1500	1352.81	127.96
555	0	11:19: 7	9.2333	1352.86	127.96
560	0	11:24: 7	9.3167	1352.94	127.96
565	0	11:29: 7	9.4000	1353.04	127.96
570	0	11:34: 7	9.4833	1353.16	127.96
575	0	11:39: 7	9.5667	1353.26	127.96
580	0	11:44: 7	9.6500	1353.39	127.96
585	0	11:49: 7	9.7333	1353.51	127.96

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
605	0	12: 9: 7	10.0667	1353.86	127.97
610	0	12:14: 7	10.1500	1353.89	127.97
615	0	12:19: 7	10.2333	1353.89	127.97
620	0	12:24: 7	10.3167	1353.86	127.97
625	0	12:29: 7	10.4000	1353.81	127.97
630	0	12:34: 7	10.4833	1353.73	127.98
635	0	12:39: 7	10.5667	1353.68	127.98
640	0	12:44: 7	10.6500	1353.63	127.99
645	0	12:49: 7	10.7333	1353.56	127.99
650	0	12:54: 7	10.8167	1353.51	127.99
655	0	12:59: 7	10.9000	1353.40	128.00
660	0	13: 4: 7	10.9833	1353.30	128.00
665	0	13: 9: 7	11.0667	1353.18	128.00
670	0	13:14: 7	11.1500	1353.03	128.01
675	0	13:19: 7	11.2333	1352.88	128.01
680	0	13:24: 7	11.3167	1352.70	128.01
685	0	13:29: 7	11.4000	1352.48	128.01
690	0	13:34: 7	11.4833	1352.22	128.02
695	0	13:39: 7	11.5667	1351.95	128.02
700	0	13:44: 7	11.6500	1351.65	128.02
705	0	13:49: 7	11.7333	1351.35	128.02
710	0	13:54: 7	11.8167	1351.00	128.02
715	0	13:59: 7	11.9000	1350.67	128.03
720	0	14: 4: 7	11.9833	1350.35	128.03
725	0	14: 9: 7	12.0667	1350.00	128.03
730	0	14:14: 7	12.1500	1349.64	128.04
735	0	14:19: 7	12.2333	1349.27	128.04
740	0	14:24: 7	12.3167	1348.89	128.04
745	0	14:29: 7	12.4000	1348.49	128.05
750	0	14:34: 7	12.4833	1348.09	128.05
755	0	14:39: 7	12.5667	1347.66	128.06
760	0	14:44: 7	12.6500	1347.24	128.06
765	0	14:49: 7	12.7333	1346.83	128.07
770	0	14:54: 7	12.8167	1346.43	128.07
775	0	14:59: 7	12.9000	1345.98	128.07
780	0	15: 4: 7	12.9833	1345.56	128.08
785	0	15: 9: 7	13.0667	1345.11	128.08
790	0	15:14: 7	13.1500	1344.70	128.09
795	0	15:19: 7	13.2333	1344.33	128.09
800	0	15:24: 7	13.3167	1344.00	128.09
805	0	15:29: 7	13.4000	1343.73	128.10
810	0	15:34: 7	13.4833	1343.48	128.10
815	0	15:39: 7	13.5667	1343.20	128.11
820	0	15:44: 7	13.6500	1342.90	128.11
825	0	15:49: 7	13.7333	1342.60	128.12
830	0	15:54: 7	13.8167	1342.32	128.12
835	0	15:59: 7	13.9000	1342.04	128.13
840	0	16: 4: 7	13.9833	1341.79	128.13
845	0	16: 9: 7	14.0667	1341.54	128.14
850	0	16:14: 7	14.1500	1341.29	128.14

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
855	0	16:19: 7	14.2333	1341.04	128.15
860	0	16:24: 7	14.3167	1340.79	128.15
865	0	16:29: 7	14.4000	1340.51	128.16
870	0	16:34: 7	14.4833	1340.24	128.16
875	0	16:39: 7	14.5667	1339.96	128.16
880	0	16:44: 7	14.6500	1339.71	128.17
885	0	16:49: 7	14.7333	1339.46	128.17
890	0	16:54: 7	14.8167	1339.20	128.18
895	0	16:59: 7	14.9000	1338.98	128.18
900	0	17: 4: 7	14.9833	1338.73	128.19
905	0	17: 9: 7	15.0667	1338.48	128.19
910	0	17:14: 7	15.1500	1338.25	128.20
915	0	17:19: 7	15.2333	1338.02	128.20
920	0	17:24: 7	15.3167	1337.82	128.21
925	0	17:29: 7	15.4000	1337.65	128.21
930	0	17:34: 7	15.4833	1337.47	128.22
935	0	17:39: 7	15.5667	1337.32	128.23
940	0	17:44: 7	15.6500	1337.14	128.23
945	0	17:49: 7	15.7333	1336.99	128.24
950	0	17:54: 7	15.8167	1336.86	128.24
955	0	17:59: 7	15.9000	1336.71	128.25
960	0	18: 4: 7	15.9833	1336.59	128.25
965	0	18: 9: 7	16.0667	1336.44	128.25
970	0	18:14: 7	16.1500	1336.31	128.26
975	0	18:19: 7	16.2333	1336.16	128.27
980	0	18:24: 7	16.3167	1336.01	128.27
985	0	18:29: 7	16.4000	1335.83	128.28
990	0	18:34: 7	16.4833	1335.70	128.28
995	0	18:39: 7	16.5667	1335.63	128.29
1000	0	18:44: 7	16.6500	1335.58	128.29
1005	0	18:49: 7	16.7333	1335.55	128.30
1010	0	18:54: 7	16.8167	1335.52	128.30
1015	0	18:59: 7	16.9000	1335.52	128.31
1020	0	19: 4: 7	16.9833	1335.50	128.31
1025	0	19: 9: 7	17.0667	1335.45	128.32
1030	0	19:14: 7	17.1500	1335.37	128.32
1035	0	19:19: 7	17.2333	1335.29	128.32
1040	0	19:24: 7	17.3167	1335.24	128.33
1045	0	19:29: 7	17.4000	1335.19	128.33
1050	0	19:34: 7	17.4833	1335.12	128.33
1055	0	19:39: 7	17.5667	1335.09	128.33
1060	0	19:44: 7	17.6500	1335.04	128.34
1065	0	19:49: 7	17.7333	1334.99	128.34
1070	0	19:54: 7	17.8167	1334.97	128.34
1075	0	19:59: 7	17.9000	1334.92	128.34
1080	0	20: 4: 7	17.9833	1334.84	128.35
1085	0	20: 9: 7	18.0667	1334.76	128.35
1090	0	20:14: 7	18.1500	1334.66	128.36
1095	0	20:19: 7	18.2333	1334.59	128.36
1100	0	20:24: 7	18.3167	1334.49	128.36

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
1105	0	20:29: 7	18.4000	1334.39	128.36
1110	0	20:34: 7	18.4833	1334.31	128.36
1115	0	20:39: 7	18.5667	1334.29	128.36
1120	0	20:44: 7	18.6500	1334.26	128.37
1125	0	20:49: 7	18.7333	1334.23	128.37
1130	0	20:54: 7	18.8167	1334.23	128.37
1135	0	20:59: 7	18.9000	1334.23	128.38
1140	0	21: 4: 7	18.9833	1334.23	128.38
1145	0	21: 9: 7	19.0667	1334.26	128.38
1150	0	21:14: 7	19.1500	1334.25	128.39
1155	0	21:19: 7	19.2333	1334.25	128.39
1160	0	21:24: 7	19.3167	1334.25	128.39
1165	0	21:29: 7	19.4000	1334.25	128.39
1170	0	21:34: 7	19.4833	1334.25	128.39
1175	0	21:39: 7	19.5667	1334.25	128.39
1180	0	21:44: 7	19.6500	1334.25	128.39
1185	0	21:49: 7	19.7333	1334.25	128.39
1190	0	21:54: 7	19.8167	1334.28	128.39
1195	0	21:59: 7	19.9000	1334.28	128.39
1200	0	22: 4: 7	19.9833	1334.30	128.39
1205	0	22: 9: 7	20.0667	1334.35	128.40
1210	0	22:14: 7	20.1500	1334.38	128.40
1215	0	22:19: 7	20.2333	1334.43	128.40
1220	0	22:24: 7	20.3167	1334.47	128.41
1225	0	22:29: 7	20.4000	1334.50	128.41
1230	0	22:34: 7	20.4833	1334.55	128.41
1235	0	22:39: 7	20.5667	1334.60	128.41
1240	0	22:44: 7	20.6500	1334.62	128.41
1245	0	22:49: 7	20.7333	1334.65	128.41
1250	0	22:54: 7	20.8167	1334.67	128.41
1255	0	22:59: 7	20.9000	1334.70	128.41
1260	0	23: 4: 7	20.9833	1334.72	128.41
1265	0	23: 9: 7	21.0667	1334.75	128.41
1270	0	23:14: 7	21.1500	1334.77	128.41
1275	0	23:19: 7	21.2333	1334.80	128.41
1280	0	23:24: 7	21.3167	1334.82	128.42
1285	0	23:29: 7	21.4000	1334.85	128.42
1290	0	23:34: 7	21.4833	1334.87	128.42
1295	0	23:39: 7	21.5667	1334.92	128.42
1300	0	23:44: 7	21.6500	1334.95	128.42
1305	0	23:49: 7	21.7333	1335.02	128.42
1310	0	23:54: 7	21.8167	1335.10	128.42
1315	0	23:59: 7	21.9000	1335.17	128.42
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1320	1	0: 4: 7	21.9833	1335.25	128.42
1325	1	0: 9: 7	22.0667	1335.32	128.42
1330	1	0:14: 7	22.1500	1335.40	128.42
1335	1	0:19: 7	22.2333	1335.47	128.42
1340	1	0:24: 7	22.3167	1335.52	128.42
1345	1	0:29: 7	22.4000	1335.57	128.42

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
1350	1	0:34: 7	22.4833	1335.65	128.42
1360	1	0:44: 7	22.6500	1335.77	128.42
1370	1	0:54: 7	22.8167	1335.90	128.42
1380	1	1: 4: 7	22.9833	1335.94	128.43
1390	1	1:14: 7	23.1500	1336.02	128.43
1400	1	1:24: 7	23.3167	1336.09	128.43
1410	1	1:34: 7	23.4833	1336.22	128.43
1420	1	1:44: 7	23.6500	1336.39	128.43
1430	1	1:54: 7	23.8167	1336.62	128.43
1440	1	2: 4: 7	23.9833	1336.84	128.43
1450	1	2:14: 7	24.1500	1337.00	128.43
1460	1	2:24: 7	24.3167	1337.04	128.43
1470	1	2:34: 7	24.4833	1337.07	128.43
1480	1	2:44: 7	24.6500	1337.07	128.43
1490	1	2:54: 7	24.8167	1337.12	128.43
1500	1	3: 4: 7	24.9833	1337.22	128.43
1510	1	3:14: 7	25.1500	1337.32	128.43
1520	1	3:24: 7	25.3167	1337.47	128.43
1530	1	3:34: 7	25.4833	1337.59	128.43
1540	1	3:44: 7	25.6500	1337.64	128.43
1550	1	3:54: 7	25.8167	1337.69	128.43
1560	1	4: 4: 7	25.9833	1337.77	128.43
1570	1	4:14: 7	26.1500	1337.79	128.43
1580	1	4:24: 7	26.3167	1337.77	128.43
1590	1	4:34: 7	26.4833	1337.82	128.43
1600	1	4:44: 7	26.6500	1337.97	128.43
1610	1	4:54: 7	26.8167	1338.12	128.43
1620	1	5: 4: 7	26.9833	1338.22	128.43
1630	1	5:14: 7	27.1500	1338.32	128.43
1640	1	5:24: 7	27.3167	1338.49	128.43
1650	1	5:34: 7	27.4833	1338.69	128.43
1660	1	5:44: 7	27.6500	1338.84	128.44
1670	1	5:54: 7	27.8167	1339.04	128.44
1680	1	6: 4: 7	27.9833	1339.22	128.44
1690	1	6:14: 7	28.1500	1339.29	128.44
1700	1	6:24: 7	28.3167	1339.39	128.43
1710	1	6:34: 7	28.4833	1339.47	128.44
1720	1	6:44: 7	28.6500	1339.49	128.44
1730	1	6:54: 7	28.8167	1339.44	128.44
1740	1	7: 4: 7	28.9833	1339.24	128.44
1750	1	7:14: 7	29.1500	1338.84	128.44
1760	1	7:24: 7	29.3167	1338.62	128.44
1770	1	7:34: 7	29.4833	1338.62	128.44
1780	1	7:44: 7	29.6500	1338.74	128.44
1790	1	7:54: 7	29.8167	1338.97	128.44
1800	1	8: 4: 7	29.9833	1339.27	128.44
1810	1	8:14: 7	30.1500	1339.56	128.45
1820	1	8:24: 7	30.3167	1339.81	128.45
1830	1	8:34: 7	30.4833	1340.06	128.45
1840	1	8:44: 7	30.6500	1340.32	128.44

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
1850	1	8:54: 7	30.8167	1340.57	128.44
1860	1	9: 4: 7	30.9833	1340.74	128.44
1870	1	9:14: 7	31.1500	1340.74	128.44
1880	1	9:24: 7	31.3167	1340.66	128.45
1890	1	9:34: 7	31.4833	1340.59	128.45
1900	1	9:44: 7	31.6500	1340.54	128.45
1910	1	9:54: 7	31.8167	1340.44	128.45
1920	1	10: 4: 7	31.9833	1340.44	128.45
1930	1	10:14: 7	32.1500	1340.46	128.46
1940	1	10:24: 7	32.3167	1340.81	128.46
1950	1	10:34: 7	32.4833	1339.66	128.46
1960	1	10:44: 7	32.6500	1339.36	128.46
1970	1	10:54: 7	32.8167	1339.11	128.46
1980	1	11: 4: 7	32.9833	1337.34	128.46
1990	1	11:14: 7	33.1500	1338.61	128.46
2000	1	11:24: 7	33.3167	1338.59	128.46
2010	1	11:34: 7	33.4833	1338.56	128.46
2020	1	11:44: 7	33.6500	1338.43	128.47
2030	1	11:54: 7	33.8167	1337.98	128.47
2040	1	12: 4: 7	33.9833	1337.68	128.47
2050	1	12:14: 7	34.1500	1337.68	128.47
2060	1	12:24: 7	34.3167	1338.03	128.47
2070	1	12:34: 7	34.4833	1338.43	128.47
2080	1	12:44: 7	34.6500	1338.76	128.46
2090	1	12:54: 7	34.8167	1339.06	128.46
2100	1	13: 4: 7	34.9833	1339.26	128.46
2110	1	13:14: 7	35.1500	1339.36	128.47
2120	1	13:24: 7	35.3167	1339.26	128.47
2130	1	13:34: 7	35.4833	1339.08	128.47
2140	1	13:44: 7	35.6500	1339.13	128.47
2150	1	13:54: 7	35.8167	1339.41	128.47
2160	1	14: 4: 7	35.9833	1339.89	128.46
2170	1	14:14: 7	36.1500	1340.36	128.47
2180	1	14:24: 7	36.3167	1340.68	128.47
2190	1	14:34: 7	36.4833	1340.76	128.47
2200	1	14:44: 7	36.6500	1340.71	128.47
2210	1	14:54: 7	36.8167	1340.63	128.47
2220	1	15: 4: 7	36.9833	1340.73	128.47
2230	1	15:14: 7	37.1500	1340.86	128.47
2240	1	15:24: 7	37.3167	1340.71	128.47
2250	1	15:34: 7	37.4833	1340.63	128.47
2260	1	15:44: 7	37.6500	1340.63	128.47
2270	1	15:54: 7	37.8167	1340.78	128.47
2280	1	16: 4: 7	37.9833	1340.88	128.47
2290	1	16:14: 7	38.1500	1338.33	128.47
2300	1	16:24: 7	38.3167	1340.93	128.47
2310	1	16:34: 7	38.4833	1339.73	128.47
2320	1	16:44: 7	38.6500	1341.34	128.47
2330	1	16:54: 7	38.8167	1341.61	128.47
2340	1	17: 4: 7	38.9833	1341.03	128.47

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
2350	1	17:14: 7	39.1500	1342.16	128.47
2360	1	17:24: 7	39.3167	1340.51	128.47
2370	1	17:34: 7	39.4833	1341.13	128.47
2380	1	17:44: 7	39.6500	1341.06	128.47
2390	1	17:54: 7	39.8167	1340.36	128.47
2400	1	18: 4: 7	39.9833	1341.18	128.47
2410	1	18:14: 7	40.1500	1340.06	128.47
2420	1	18:24: 7	40.3167	1340.68	128.47
2430	1	18:34: 7	40.4833	1340.58	128.47
2440	1	18:44: 7	40.6500	1340.76	128.47
2450	1	18:54: 7	40.8167	1341.31	128.47
2460	1	19: 4: 7	40.9833	1342.06	128.47
2470	1	19:14: 7	41.1500	1343.16	128.47
2480	1	19:24: 7	41.3167	1342.19	128.47
2490	1	19:34: 7	41.4833	1342.16	128.48
2500	1	19:44: 7	41.6500	1342.16	128.48
2510	1	19:54: 7	41.8167	1342.31	128.48
2520	1	20: 4: 7	41.9833	1342.28	128.48
2530	1	20:14: 7	42.1500	1342.46	128.48
2540	1	20:24: 7	42.3167	1342.56	128.48
2550	1	20:34: 7	42.4833	1340.51	128.48
2560	1	20:44: 7	42.6500	1342.68	128.49
2570	1	20:54: 7	42.8167	1342.93	128.49
2580	1	21: 4: 7	42.9833	1343.28	128.49
2590	1	21:14: 7	43.1500	1343.43	128.49
2600	1	21:24: 7	43.3167	1342.28	128.49
2610	1	21:34: 7	43.4833	1343.88	128.49
2620	1	21:44: 7	43.6500	1344.18	128.49
2630	1	21:54: 7	43.8167	1344.31	128.49
2640	1	22: 4: 7	43.9833	1345.31	128.49
2650	1	22:14: 7	44.1500	1344.11	128.49
2660	1	22:24: 7	44.3167	1344.43	128.50
2670	1	22:34: 7	44.4833	1344.78	128.50
2680	1	22:44: 7	44.6500	1344.93	128.50
2690	1	22:54: 7	44.8167	1345.10	128.51
2700	1	23: 4: 7	44.9833	1345.95	128.51
2710	1	23:14: 7	45.1500	1343.38	128.51
2720	1	23:24: 7	45.3167	1344.40	128.52
2730	1	23:34: 7	45.4833	1344.77	128.52
2740	1	23:44: 7	45.6500	1345.10	128.52
2750	1	23:54: 7	45.8167	1345.40	128.52
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2760	2	0: 4: 7	45.9833	1345.12	128.52
2770	2	0:14: 7	46.1500	1346.15	128.52
2780	2	0:24: 7	46.3167	1346.45	128.52
2790	2	0:34: 7	46.4833	1347.30	128.52
2800	2	0:44: 7	46.6500	1346.20	128.52
2810	2	0:54: 7	46.8167	1345.83	128.52
2820	2	1: 4: 7	46.9833	1347.20	128.52
2830	2	1:14: 7	47.1500	1348.00	128.52

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
2840	2	1:24: 7	47.3167	1349.08	128.52
2850	2	1:34: 7	47.4833	1348.15	128.52
2860	2	1:44: 7	47.6500	1348.20	128.52
2870	2	1:54: 7	47.8167	1348.53	128.52
2880	2	2: 4: 7	47.9833	1348.85	128.52
2890	2	2:14: 7	48.1500	1349.80	128.52
2900	2	2:24: 7	48.3167	1349.60	128.52
2910	2	2:34: 7	48.4833	1349.93	128.52
2920	2	2:44: 7	48.6500	1350.08	128.52
2930	2	2:54: 7	48.8167	1350.15	128.52
2940	2	3: 4: 7	48.9833	1350.00	128.52
2950	2	3:14: 7	49.1500	1348.95	128.52
2960	2	3:24: 7	49.3167	1349.85	128.52
2970	2	3:34: 7	49.4833	1350.13	128.52
2980	2	3:44: 7	49.6500	1350.23	128.52
2990	2	3:54: 7	49.8167	1350.20	128.51
3000	2	4: 4: 7	49.9833	1349.93	128.51
3010	2	4:14: 7	50.1500	1349.70	128.51
3020	2	4:24: 7	50.3167	1349.90	128.51
3030	2	4:34: 7	50.4833	1350.15	128.51
3040	2	4:44: 7	50.6500	1350.10	128.51
3050	2	4:54: 7	50.8167	1349.93	128.51
3060	2	5: 4: 7	50.9833	1348.15	128.51
3070	2	5:14: 7	51.1500	1349.80	128.52
3080	2	5:24: 7	51.3167	1349.78	128.52
3090	2	5:34: 7	51.4833	1349.75	128.52
3100	2	5:44: 7	51.6500	1349.90	128.52
3110	2	5:54: 7	51.8167	1350.25	128.51
3120	2	6: 4: 7	51.9833	1350.88	128.51
3130	2	6:14: 7	52.1500	1351.88	128.51
3140	2	6:24: 7	52.3167	1351.23	128.51
3150	2	6:34: 7	52.4833	1351.43	128.51
3160	2	6:44: 7	52.6500	1351.68	128.52
3170	2	6:54: 7	52.8167	1352.53	128.52
3180	2	7: 4: 7	52.9833	1351.60	128.52
3190	2	7:14: 7	53.1500	1351.48	128.52
3200	2	7:24: 7	53.3167	1351.28	128.52
3210	2	7:34: 7	53.4833	1350.33	128.52
3220	2	7:44: 7	53.6500	1351.48	128.52
3230	2	7:54: 7	53.8167	1351.68	128.52
3240	2	8: 4: 7	53.9833	1351.68	128.52
3250	2	8:14: 7	54.1500	1351.78	128.52
3260	2	8:24: 7	54.3167	1352.00	128.52
3270	2	8:34: 7	54.4833	1352.45	128.52
3280	2	8:44: 7	54.6500	1353.15	128.52
3290	2	8:54: 7	54.8167	1353.73	128.52
3300	2	9: 4: 7	54.9833	1353.83	128.52
3310	2	9:14: 7	55.1500	1353.63	128.52
3320	2	9:24: 7	55.3167	1353.70	128.52
3330	2	9:34: 7	55.4833	1354.35	128.52

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
3340	2	9:44: 7	55.6500	1354.08	128.52
3350	2	9:54: 7	55.8167	1354.73	128.52
3360	2	10: 4: 7	55.9833	1355.85	128.52
3370	2	10:14: 7	56.1500	1355.30	128.52
3380	2	10:24: 7	56.3167	1355.23	128.52
3390	2	10:34: 7	56.4833	1355.05	128.52
3400	2	10:44: 7	56.6500	1355.23	128.52
3410	2	10:54: 7	56.8167	1355.90	128.52
3420	2	11: 4: 7	56.9833	1356.43	128.52
3430	2	11:14: 7	57.1500	1355.55	128.52
3440	2	11:24: 7	57.3167	1357.45	128.52
3450	2	11:34: 7	57.4833	1356.83	128.52
3460	2	11:44: 7	57.6500	1357.15	128.52
3470	2	11:54: 7	57.8167	1357.33	128.52
3480	2	12: 4: 7	57.9833	1358.45	128.52
3490	2	12:14: 7	58.1500	1357.73	128.52
3500	2	12:24: 7	58.3167	1357.28	128.53
3510	2	12:34: 7	58.4833	1358.08	128.53
3520	2	12:44: 7	58.6500	1358.05	128.53
3530	2	12:54: 7	58.8167	1356.65	128.53
3540	2	13: 4: 7	58.9833	1358.10	128.53
3550	2	13:14: 7	59.1500	1359.10	128.52
3560	2	13:24: 7	59.3167	1358.30	128.52
3570	2	13:34: 7	59.4833	1358.38	128.52
3580	2	13:44: 7	59.6500	1358.23	128.52
3590	2	13:54: 7	59.8167	1358.18	128.52
3600	2	14: 4: 7	59.9833	1358.20	128.52
3610	2	14:14: 7	60.1500	1358.23	128.52
3620	2	14:24: 7	60.3167	1358.23	128.52
3630	2	14:34: 7	60.4833	1358.13	128.52
3640	2	14:44: 7	60.6500	1357.95	128.52
3650	2	14:54: 7	60.8167	1358.03	128.52
3660	2	15: 4: 7	60.9833	1357.88	128.52
3670	2	15:14: 7	61.1500	1357.83	128.52
3680	2	15:24: 7	61.3167	1358.58	128.52
3690	2	15:34: 7	61.4833	1358.05	128.52
3700	2	15:44: 7	61.6500	1358.30	128.52
3710	2	15:54: 7	61.8167	1358.65	128.52
3720	2	16: 4: 7	61.9833	1358.88	128.52
3730	2	16:14: 7	62.1500	1358.05	128.52
3740	2	16:24: 7	62.3167	1358.05	128.52
3750	2	16:34: 7	62.4833	1359.38	128.52
3760	2	16:44: 7	62.6500	1359.63	128.53
3770	2	16:54: 7	62.8167	1359.88	128.53
3780	2	17: 4: 7	62.9833	1360.08	128.53
3790	2	17:14: 7	63.1500	1360.05	128.53
3800	2	17:24: 7	63.3167	1359.70	128.53
3801	2	17:25: 7	63.3333	1360.68	128.53
3802	2	17:26: 7	63.3500	1360.63	128.53
3803	2	17:27: 7	63.3667	1360.70	128.53

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
3804	2	17:28: 7	63.3833	1360.63	128.53
3805	2	17:29: 7	63.4000	1357.50	128.53
3806	2	17:30: 7	63.4167	1358.93	128.53
3807	2	17:31: 7	63.4333	1359.00	128.53
3808	2	17:32: 7	63.4500	1359.68	128.53
3809	2	17:33: 7	63.4667	1359.63	128.53
3810	2	17:34: 7	63.4833	1359.60	128.53
3811	2	17:35: 7	63.5000	1359.55	128.53
3812	2	17:36: 7	63.5167	1359.53	128.53
3813	2	17:37: 7	63.5333	1359.50	128.53
3814	2	17:38: 7	63.5500	1359.45	128.53
3815	2	17:39: 7	63.5667	1360.30	128.53
3816	2	17:40: 7	63.5833	1360.40	128.53
3817	2	17:41: 7	63.6000	1360.58	128.53
3818	2	17:42: 7	63.6167	1360.05	128.53
3819	2	17:43: 7	63.6333	1357.50	128.53
3820	2	17:44: 7	63.6500	1358.55	128.53
3821	2	17:45: 7	63.6667	1358.53	128.53
3822	2	17:46: 7	63.6833	1359.33	128.52
3823	2	17:47: 7	63.7000	1359.25	128.52
3824	2	17:48: 7	63.7167	1359.23	128.51
3825	2	17:49: 7	63.7333	1359.21	128.51
3826	2	17:50: 7	63.7500	1359.18	128.51
3827	2	17:51: 7	63.7667	1359.18	128.51
3828	2	17:52: 7	63.7833	1359.13	128.51
3829	2	17:53: 7	63.8000	1359.08	128.50
3830	2	17:54: 7	63.8167	1359.03	128.50
3831	2	17:55: 7	63.8333	1359.41	128.50
3832	2	17:56: 7	63.8500	1359.41	128.49
3833	2	17:57: 7	63.8667	1359.72	128.46
3834	2	17:58: 7	63.8833	1359.13	128.43
3835	2	17:59: 7	63.9000	1357.59	128.38
3836	2	18: 0: 7	63.9167	1358.68	128.31
3837	2	18: 1: 7	63.9333	1358.93	128.50
3838	2	18: 2: 7	63.9500	1358.92	128.55
3839	2	18: 3: 7	63.9667	1359.18	128.53
3840	2	18: 4: 7	63.9833	1358.98	128.50
3841	2	18: 5: 7	64.0000	1359.38	128.53
3842	2	18: 6: 7	64.0167	1359.38	128.53
Sacando registradores.					
3843	2	18: 7: 7	64.0333	1337.84	128.53
3844	2	18: 8: 7	64.0500	1310.53	128.33
3845	2	18: 9: 7	64.0667	1288.43	127.89
3850	2	18:14: 7	64.1500	1146.06	126.26
3855	2	18:19: 7	64.2333	994.20	124.27
3860	2	18:24: 7	64.3167	850.56	121.78
3865	2	18:29: 7	64.4000	693.53	118.77
3870	2	18:34: 7	64.4833	541.39	114.46
3875	2	18:39: 7	64.5667	405.49	108.84
3880	2	18:44: 7	64.6500	270.01	100.86

Company: PETRO-TECH LOUISIANA S.A.

Well: LO16-14

Field: LOBITOS MAR

[Wednesday: July 24, 1996]

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)	BHT (Deg.F)
3885	2	18:49: 7	64.7333	155.91	90.40
3890	2	18:54: 7	64.8167	153.31	82.99
Desfogo Lubricador.					
3891	2	18:55: 7	64.8333	14.50	81.95

[Louisiana Well Analysis LTD. & S.P.C.]