



LOBITOS COSTA AFUERA
LO16-11

GRADIENTE DE PRESION INICIAL
DIC.07,90

Intervalo: 7200 - 7000

1. BASIC DATA

SUBSURFACE PRESSURE MEASUREMENTS

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COMPANY	PETROLEOS DEL MAR S.A.	WELL NAME	LOBITOS COSTA AFUERA
ADDRESS	NEGRITOS	LOCATION	L016-11
FIELD and POOL	LOBITOS	STATUS: OIL ☐ GAS ☐ OTHER SPECIFY	
TYPE OF TEST	GRADIENTE DE PRESION INICIAL	DATE OF TEST	90/12/07 TO 90/12/07
PRODUCING INTERVAL (CF)	7000 - 7200	PRODUCING THROUGH:	IN. TUBING ☐ IN. CASING ☐
ELEVATION (CF)	FT. (KB)	MID-POINT OF PRODUCING (MPP) INTERVAL (CF)	7100
POOL DATUM	FT. (subsea)	DATUM DEPTH OF WELL (FROM CF)	
ELEMENT SERIAL NO.	9758N	CLOCK RANGE	03 h S ☒ D ☐ N 2359 I.H. # 14358
CALIBRATION EQUATION	PC = 2654.16 x D + (6.11)	DATE OF LAST CALIBRATION	90/07/28

COMPANY

2. STATIC TEST

PRESSURE (GAUGE) TUBING	PSI	GAUGE ☐ DWG ☐	SHUT-IN DATE	90/12/07 @ 19:35	
CASING	PSI	GAUGE ☐ DWG ☐	DATE ON BOTTOM	90/12/07 @ 20:15	
RUN DEPTH (FROM CF)	7100 (6758.22 TVD)		DATE OFF BOTTOM	90/12/07 @ 20:15	
B.H. TEMP	122 °F.	SURFACE TEMP	F	MPP PRESSURE (GAUGE)	4122.71
R.D. PRESSURE (GAUGE)	PSI	GRADIENT	PSI/FT.	DATUM PRESSURE (GAUGE)	PSI

3. ACOUSTIC WELL SOUNDER TEST

DEPTH OF TUBING	FT.	SHUT-IN DATE	90/12/07 @
AVERAGE TUBING JOINT LENGTH	FT.	CURRENT WATER CUT	%
NO. OF JOINTS TO LIQUID		CASING PRESSURE (GAUGE)	PSI
LENGTH OF GAS COLUMN	FT.	GAS COLUMN PRESSURE (GAUGE)	PSI
LENGTH OF LIQUID COLUMN	FT.	LIQUID COLUMN PRESSURE (GAUGE)	PSI
GAS GRAVITY		GAS GRADIENT	PSI/FT.
OIL GRAVITY		OIL GRADIENT	PSI/FT.
		MPP PRESSURE (GAUGE)	PSI
		DATUM DEPTH PRESSURE (GAUGE)	PSI

4. BUILD UP OR DRAWDOWN TEST (Attach Forms 0-12A)

RESERVOIR/WELL PARAMETERS: POROSITY	%	WELL RADIUS	FT.	THICKNESS	FT.	WATER SATURATION	%
B.H. TEMP	°F	DATE AND DESCRIPTION OF LAST WELLBORE TREATMENT					
CASING I.D.	IN.	TUBING I.D.	IN.	TUBING WEIGHT/MASS	LBS./FT.		
COMPRESSIBILITY	μZ						
OIL WELLS ONLY:		GAS WELLS ONLY:					
OIL VISCOSITY	CC	GAS VISCOSITY					
BUBBLE POINT PRESSURE (GAUGE)	PSI	Z at RESERVOIR CONDITIONS					
B _o = VOL. AT RES. COND.		RELATIVE DENSITY G					
WELL PRODUCING RATE DURING	☐ PRIOR TO ☐	TEST OIL	BBL/D	GAS	MCF/D	WATER	BBL/D
TOTAL PRODUCTION DURING	☐ PRIOR TO ☐	TEST OIL	BBLs	GAS	MCF	WATER	BBL

WELL NAME & UNIQUE IDENTIFIER

5. CHART READINGS AND CALCULATIONS

DATE			DEPTH BELOW CF FT.	ACC. TIME h	TIME h	DEFLECTION IN	CALCULATED PRESSURE PSIG	CORRECTION DEVIATION PSI	CORRECTED PRESSURE PSIG	GRADIENT PSI/FT.
YR	MO	DAY								
90	12	07	Superficie	Superficie	17:45	0.4623	1233.12			-
			581.54	600	17:59	0.5532	1474.79			0.4148
			1164.50	1200	18:09	0.6478	1725.47			0.4306
			1749.98	1800	18:17	0.7355	1958.24			0.4288
			2332.77	2400	18:24	0.8180	2177.21			0.3757
			2901.39	3000	18:31	0.9132	2429.88			0.4443
			3369.37	3500	18:40	0.9912	2636.91			0.4423
			3848.10	4000	18:48	1.0705	2847.38			0.4396
			4325.95	4500	18:56	1.1510	3061.04			0.4471
90	12	07	4799.00	5000	19:04	1.2298	3270.19			0.4421

REMARKS

INTERV. PERF: 6662.53' - 6853.91' TVD PTO. MEDIO: 6758.22' TVD
 TRABAJO DE SHOOTING TERMINO A LAS 17:00 HRS. DEL 07-12-90

SURVEY COMPANY TEST BY G. PRECIADO COMPUTED BY CHECKED BY

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY PETROLEOS DEL MAR S.A.

WELL NAME LOBITOS COSTA AFUERA

DATE OF TEST TO
YR MO DAY YR MO DAY

LOCATION L016-11

CHART READINGS AND CALCULATIONS

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