

LOBITOS COSTA AFUERA
LO6-22

GRADIENTE ESTATICO
ENERO 24, 1988

SUBSURFACE PRESSURE MEASUREMENTS

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1. BASIC DATA

COMPANY	Petromar S.A.	WELL NAME	Lobitos Costa Afuera
ADDRESS	Negritos	LOCATION	L06 - 22
FIELD and POOL	Lobitos	STATUS OIL ☐ GAS ☐ OTHER SPECIFY	
TYPE OF TEST	Gradiente Estático	DATE OF TEST	88 01 24 TO 88 02 01
PRODUCING INTERVAL (CF)	3113.14-4791.16 FT. PERF. ☐ OH ☐	PRODUCING THROUGH	IN. TUBING ☐ IN. CASING ☐
ELEVATION (CF)	FT. (KB) FT. (KB) to CF 0.00 FT.	MID-POINT OF PRODUCING (MPP) INTERVAL (CF)	3952.15 FT.
POOL DATUM	FT. (Subsea)	DATUM DEPTH OF WELL (FROM CF)	FT.
ELEMENT SERIAL NO.	12446 RANGE 0-2000 PSI	CLOCK RANGE	3 h S ☐ D ☐ # I.H. #
CALIBRATION EQUATION	P = D * 1007.75 + -3.71	DATE OF LAST CALIBRATION	88 02 01

2. STATIC TEST

PRESSURE (GAUGE) TUBING	PSI GAUGE ☐ DWG ☐	SHUT-IN DATE	h
CASING	PSI GAUGE ☐ DWG ☐	DATE ON BOTTOM	h
RUN DEPTH (FROM CF)	3898.52 FT.	DATE OFF BOTTOM	PSI
B.H. TEMP	*C SURFACE TEMP. F	MPP PRESSURE (GAUGE)	581 PSI
R.D. PRESSURE (GAUGE)	567 PSI GRADIENT 0.2637 PSI/FT.	DATUM PRESSURE (GAUGE)	PSI

3. ACOUSTIC WELL SOUNDER TEST

DEPTH OF TUBING	FT.	SHUT-IN DATE	h
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.	MPP PRESSURE (GAUGE)	PSI
OIL GRAVITY	OIL GRADIENT PSI/FT.	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 μZ
BUBBLE POINT PRESSURE (GAUGE)	PSI Z at RESERVOIR CONDITIONS
B ₀ = 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 BBL/D GAS MCF WATER BBL/D

5. CHART READINGS AND CALCULATIONS

DATE			DEPTH BELOW	ACC. TIME	TIME	DEFLECTION	CALCULATED	CORRECTION	CORRECTED	GRADIENT
YR	MO	DAY	CF FT	h	h	IN	PSIG	PSI	PSIG	PSI/FT
88	01	24	Surface	Surface	00:01	0.4515	451.3	0.1	451.4	
			400.00	400	00:02	0.4568	456.6	00.0	456.7	0.0132
			799.91	800	00:03	0.4650	464.9	00.0	464.8	0.0205
			1194.66	1200	00:04	0.4672	467.1	-0.1	467.0	0.0000
			1562.58	1600	00:05	0.4730	473.0	-0.1	472.8	0.0157
			1897.19	2000	00:06	0.4735	473.5	-0.1	473.3	0.0000
			2207.40	2400	00:07	0.4818	481.8	-0.2	481.6	0.0267
			2493.28	2800	00:08	0.4842	484.2	-0.2	484.0	0.0000
			2781.11	3200	00:09	0.4840	484.0	-0.2	483.8	0.0000
			3079.38	3600	00:10	0.4932	493.3	-0.3	493.0	0.0308

REMARKS

CONCLUSIONS

WELL NAME Lobitos Costa Afuera

LOCATION L06 - 22

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46 1242

20 X 20 TO THE INCH, X BY 10 INCH
PAPER & ENVELOPE, 100% COTTON

