

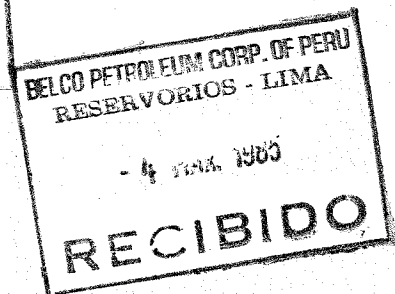
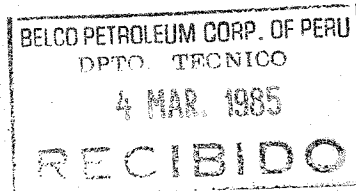
WELL FILE

LOBITOS OFFSHORE
LO6-5

STATIC GRADIENT

85-02-12 ✓

RAP



SUBSURFACE PRESSURE MEASUREMENTS

PAGE 01 OF 02

1. BASIC DATA

COMPANY **Belco Petroleum Corp. of Peru Inc.** WELL NAME **Lobitos Offshore**
 ADDRESS **Negritos** LOCATION **L06-5**
 FIELD and POOL **Lobitos** STATUS: OIL ☐ GAS ☐ OTHER SPECIFY ☐
 TYPE OF TEST **Static Gradient** DATE OF TEST **85 02 12** TO **85 02 12**
 PRODUCING INTERVAL (CF) **5091 - 5539** FT. PERF. ☒ OH ☐ PRODUCING THROUGH: ☐ IN. TUBING ☐ IN. CASING ☐
 ELEVATION (CF) **5091** FT. (KB) **5539** FT. (KB) to CF **5091** FT. MID-POINT OF PRODUCING (MPP) INTERVAL (CF) **5315** FT.
 POOL DATUM **5091** FT. (subsea) DATUM DEPTH OF WELL (FROM CF) **5315** FT.
 ELEMENT SERIAL NO. **19266N** RANGE **0 - 3000** PSI. CLOCK RANGE **3** h **5** m **0** s **24403** I.H.# **12637**
 CALIBRATION EQUATION **PC = 1517.76 D + (-5.64)** DATE OF LAST CALIBRATION **85 02 11**

2. STATIC TEST

PRESSURE (GAUGE): TUBING **2255** PSI. GAUGE ☐ DWG ☐ SHUT-IN DATE **85 02 12** @ **New Well** h
 CASING **2255** PSI. GAUGE ☐ DWG ☐ DATE ON BOTTOM **85 02 12** @ **07:07** h
 RUN DEPTH (FROM CF) **4246.62 (5315' MD)** FT. DATE OFF BOTTOM **85 02 12** @ **08:02** PSI.
 B.H. TEMP **2255** °C SURFACE TEMP **0.5310** F MPP PRESSURE (GAUGE) **2240** PSI.
 R.D. PRESSURE (GAUGE) **2255** PSI. GRADIENT **0.5310** PSI/FT. DATUM PRESSURE (GAUGE) **2240** PSI.

3. ACOUSTIC WELL SOUNDER TEST

DEPTH OF TUBING **4246.62** FT. SHUT-IN DATE **85 02 12** @ **07:07** h
 AVERAGE TUBING JOINT LENGTH **0.5310** FT. CURRENT WATER CUT **0.5310** %
 NO. OF JOINTS TO LIQUID **0.5310** FT. CASING PRESSURE (GAUGE) **0.5310** PSI.
 LENGTH OF GAS COLUMN **0.5310** FT. GAS COLUMN PRESSURE (GAUGE) **0.5310** PSI.
 LENGTH OF LIQUID COLUMN **0.5310** FT. LIQUID COLUMN PRESSURE (GAUGE) **0.5310** PSI.
 GAS GRAVITY **0.5310** GAS GRADIENT **0.5310** PSI/FT. MPP PRESSURE (GAUGE) **0.5310** PSI.
 OIL GRAVITY **0.5310** OIL GRADIENT **0.5310** PSI/FT. DATUM DEPTH PRESSURE (GAUGE) **0.5310** PSI.

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

RESERVOIR/WELL PARAMETERS: POROSITY **0.5310** % WELL RADIUS **0.5310** FT. THICKNESS **0.5310** FT. WATER SATURATION **0.5310** %
 B.H. TEMP **0.5310** °F DATE AND DESCRIPTION OF LAST WELLBORE TREATMENT **0.5310**
 CASING I.D. **0.5310** IN. TUBING I.D. **0.5310** IN. TUBING WEIGHT/MASS **0.5310** LBS./FT.
 COMPRESSIBILITY **0.5310** μ z
 OIL WELLS ONLY: GAS WELLS ONLY:
 OIL VISCOSITY **0.5310** CC GAS VISCOSITY **0.5310** μ z
 BUBBLE POINT PRESSURE (GAUGE) **0.5310** PSI. Z at RESERVOIR CONDITIONS **0.5310**
 B₀ = VOL. AT RES. COND. **0.5310** RELATIVE DENSITY G **0.5310**
 VOL. AT ST. COND. **0.5310**
 WELL PRODUCING RATE DURING ☐ PRIOR TO ☐ TEST OIL **0.5310** BBL/D GAS **0.5310** MCF/D WATER **0.5310** BBL/D
 TOTAL PRODUCTION - DURING ☐ PRIOR TO ☐ TEST OIL **0.5310** BBL/D GAS **0.5310** MCF WATER **0.5310** BBL/D

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								
85	02	12	Surface	Surface	06:55	0.2145			323	0.0000
			500.00	500.00	06:02	0.3600			543	0.4383
			972.41	1000.00	06:09	0.4920			741	0.4195
			1409.56	1500.00	06:16	0.6180			930	0.4327
			1798.80	2000.00	06:23	0.7350			1106	0.4527
			2171.78	2500.00	06:31	0.8450			1272	0.4451
			2546.26	3000.00	06:38	0.9640			1452	0.4796
			2927.96	3500.00	06:45	1.0940			1649	0.5160
			3308.12	4000.00	06:52	1.2100			1825	0.4627
85	02	12	3679.26	4500.00	06:59	1.3210			1993	0.4536

REMARKS **4094**

T.V.D. Perf.: **4093.50 - 4398.25** MPP, : **4245.87 FTT.V.D.**

SURVEY COMPANY **Go Well Services** TEST BY **G. Preciado** COMPUTED BY **G. Preciado** CHECKED BY **G. Preciado**

Belco Petroleum Corp. of Peru Inc.

Lobitos Offshore L06-5

Lobitos Offshore

85 02 12 TO
YR MO DAY YR MO DAY

L06-5

CHART READINGS AND CALCULATIONS

PAGE 02 of 02

[illegible]

46 1242

K&S
KUEFFEL & LESSER CO.
26 X 22 TO THE INCH • 1/4" X 1/4" HOLES