

PETRO-TECH PERUANA S. A.

FIELD REPORT

TO: John W. Meyers
 FROM: Ricardo Corman R.
 SUBJECT: ACID JOB IN LO6-7 WELL, LOBITOS OFFSHORE

MAN ✓
 JMC ✓
 H.Chang ✓
 H.Corn ✓
 Well File LO6-7
 JOL OK

| DATE | TIME | DESCRIPTION |
|-----------|-------------|--|
| Jan.22.97 | 15.00 | Arrived location in LO6 platform. Present Operation: Finished RIH "PPIP". Brazos Express in location. |
| | 15.00-15.45 | Halliburton Co. hook up surface lines and test with 3500 psi. OK. |
| | 15.45-16.00 | Pump 200 gls of HCL 10% and displacement with 1350 gls treated fresh water. |
| | 16.00-16.15 | Set "PPIP" tool with 140' of slotted tubing at 5250'. RTTS packer at 5390'. Dropped "RFC" valve. |
| | 16.15-16.35 | Pumped 2000 gls of HCL 10% + 200 gls of treated fresh water. Highest pressure: 2040 psi Average pressure: 1950 psi Final pressure: 2010 psi Pressure after 3': 160 psi Average rate: 5 BPM |
| | 16.35-17.05 | Reset "PPIP" tool at 5240'. Tubing went out full. |
| | 17.05-17.15 | Pumped 1100 gls of HCL 10% + 200 gls of treated fresh water. Highest pressure: 1760 psi Average pressure: 1500 psi Final pressure: 1350 psi Pressure after 3': 80 psi Average rate: 3.5 BPM |
| | 17.15-17.30 | Reset "PPIP" tool at 5090'. Tubing went out full. |
| | 17.30-17.45 | Pump 1200 gls of HCL 10% + 200 gls treated fresh water. Highest pressure: 3600 psi Average pressure: 1200 psi Final pressure: 850 psi Pressure after 3': 150 psi Average rate: 3.5 BPM |
| | 17.45-18.00 | Reset "PPIP" tool at 4930'. Tubing went out full. |
| | 18.00-18.15 | Pump 1100 gls of HCL 10% + 250 gls of treated fresh water. Highest pressure: 1800 psi Average pressure: 1750 psi Final pressure: 1500 psi Pressure after 3': 750 psi Average rate: 4.0 BPM |
| | 18.15-18.45 | Reset "PPIP" tool at 4800'. Tubing went out full. |

CENTRAL FILE
 Geosciences

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|---------------------------|--------------------|
| PETRO-TECH - PERUANA S.A. | |
| Exploración y explotación | |
| 03 | 1997 |
| Firma: | <i>[Signature]</i> |
| R. LOBITOS | |

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| 18.45-18.55 | Pump 700 gls of HCL 10% + 300 gls of treated fresh water. Highest pressure: 1650 psi Average pressure: 1600 psi Final pressure: 1600 psi Pressure after 3': 200 psi Average rate: 4.0 BPM |
| 18.55-19.25 | Reset "PPIP" tool at 4494'. Tubing went out full. |
| 19.25-19.35 | Pump 700 gls of HCL 10% + 480 gls of treated fresh water. Highest pressure: 2540 psi Average pressure: 1500 psi Final pressure: 1500 psi Pressure after 3': 800 psi Average rate: 5 BPM |
| 19.35-19.50 | Reset "PPIP" tool at 4290'. Tubing went out full. |
| 19.50-20.00 | Pump 1020 gls of treated fresh water. Highest pressure: 1800 psi Average pressure: 1750 psi Final pressure: 1750 psi Pressure after 3': 800 psi Average rate: 4.0 BPM |
| 20.00- | POOH tubing went out full. Disconnected surface lines. |
| 20.45 | Brazos Express came back to Talara. <u>Note:</u> Finally it pumped 7000 gls of HCL 10% and 4000 gls of treated fresh water. |

Date: Jan.23.97 Supervised by: Ricardo Corman

Signature :

cc: M. Raez/J. Hunt/R. Francia/Well File

RICARDO CORMAN R.
 Ing. de Producción
 CODIGO: 3057

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| PETRO | IANA S. A. |
| Exploración | Producción |
| 03 | 1997 |
| Firma | <i>[Signature]</i> |
| R. CORMAN | BIDO |