

2.0 CUSIANA/CUPIAGUA FIELDS

2.1 OVERVIEW

The Cusiana field, located 125 miles (200 Km) northeast of Bogota, was discovered in 1988 by BP Exploration Company (Colombia) Ltd. and its partners, Total, and Triton. It was not until 1991, however, that the full extent of this discovery was determined. BP estimates the development cost for the first three years to be \$1 billion US which includes the costs of drilling approximately 20 development wells. By the end of 1995, production is expected to reach 150 MBPD.

This field produces from the Mirador Formation at approximately 16,000 feet (4,900 M). Current production data is as follows:

Production Buenos Aires - 1	10,000 BPD
Surface pressure	1,500 psi (10350 kPa)
Crude	35 to 40 API gravity
GOR	2000
Water	Very little
CO ₂	6 - 7%

To date, nine wells have been drilled and three are currently being drilled in Cusiana. Production from this field is ultimately expected to reach 300 to 340 MBPD. BP estimates the Cusiana reserves to be 1.5 billion barrels (Ecopetrol estimates 700 million barrels).

The Cupiagua Field, with currently estimated reserves of 500 million barrels of oil, was discovered by BP in 1993. At present, three additional wells are being drilled. Sufficient data should be available by the end of 1994 to estimate the reserves of Cupiagua Field.

BP and Ecopetrol have started drilling the Pauto-1 well in a new area, Piedemonte (Foothills), which is north of the Cupiagua Field. If the results are as good as Cusiana and Cupiagua, this could greatly increase requirements for pipelines and facilities in the area.