

## Information Summary for the Public

Host Country:	Colombia
Name of Borrower:	Joshi Technologies International, Inc.
U.S. Sponsors:	Sada Joshi and Claudette Joshi
Foreign Sponsors:	None
Project Description:	Expansion of oil production
Total Project Costs:	\$33,352,000
Proposed Loan:	\$8,000,000
Developmental Effects:	This project will have a positive developmental impact on Colombia and Colombia's stock of oil production technology. JTI de Colombia will contribute to development of the rural region, while using innovative management techniques and extraction technologies. The project will have a positive human capacity impact during construction, and will provide training for a portion of the employees. Additionally, JTI supports local schools and community events.
Environment:	Enhanced oil production in an existing oil field is screened as a Category B project under OPIC's environmental guidelines because impacts are site-specific and readily mitigated. The major issues of concern related to the production of oil are air emissions, wastewater discharges, oily-waste management, control of oil spills, disposal of drilling muds, worker safety, and the adequacy of fire protection.

### Applicable Standards.

The Project and its contractors will be required to comply with (i) the International Finance Corporation's (IFC) Onshore Oil and Gas Development (April 30, 2007) and General Environmental, Health, and Safety Guidelines (April 30, 2007); (ii) the World Health Organization's Guidelines for drinking water or treated to baseline quality for water re-injected into groundwater; (iii) the applicable provisions of American Petroleum Institute's (API) Standard 2610 for Design, Construction, Operation, Maintenance, and Inspection of Terminal & Tank Facilities; (iv) "Dutch Standards" (VROM, Dutch Ministry of Housing, Spatial Planning and Environment, Circular 21 137, dated February 4, 2000) for the treatment of contaminated soil, sediments, and waters; and (v) all applicable environmental, health, and safety requirements of Colombia with respect to the Project.

Impacts and Mitigation Measures.

The Project is located in an existing oil field and there will be no need to clear any additional land. The site is not located near any area of cultural significance and will not result in any adverse impacts on internationally-designated protected areas or critical habitats. The Project will not result in physical or economic displacement.

The Project's greenhouse gas (88,000 tons of carbon dioxide equivalent) emissions are less than 100,000 tons and therefore, it is not considered a major source of greenhouse gas emissions.

Groundwater is abstracted to meet the project's water requirements. Electricity is produced by generators that are fueled by gas (that is associated with the extraction of oil). Small quantities of sewage will be treated in a wastewater treatment unit. The wastewaters generated from the project are treated to acceptable levels. Solid wastes are treated to reduce the toxicity of contaminants present and disposed in a manner so as to prevent environmental releases. Drilling muds are also disposed of in a manner to prevent environmental releases of any contaminants that may be present. The Project follows acceptable safety provisions. The Project will be required to: (i) submit Annual Reports on its performance; (ii) implement its Environmental Management and Monitoring Plan, Spill Prevention and Control Countermeasures Plan, Occupational Health and Safety Plan, and Fire Prevention and Control Plan; and (iii) hold public consultations at least on annual basis and address community concerns.

Worker Rights:

OPIC's statutorily required standard worker rights language will be supplemented with provisions concerning the right of association, organization and collective bargaining, minimum age requirements, hours of work, and hazardous working situations. Standard and supplemental contract language will be applied to all workers of the Project.

Human Rights:

In consultation with the Department of State, the project received a Human Rights Clearance on June 3, 2008.