

## REVIEW OF CANADA'S CAPABILITIES IN THE OIL AND GAS INDUSTRY (Cont'd)

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can stop the entire drilling or servicing operations. With these obstacles encountered and successfully overcome, the Canadian expertise can now offer this specialized knowledge to other nations with similar problems.

Canadian production has a heavy dependency on secondary recovery techniques, the density of the oil being extremely heavy. With this production expertise coupled with the fact that much of Canada's gas reserves are sour, other nations are in an excellent position to utilize Canada's knowledge in these areas for their own benefit.

Canadian processes, construction techniques, machinery and equipment have been designed and adapted to the difficult problems that Canada has faced and overcome. Conducting business with Canada guarantees that this experience, which has taken decades to develop, ensures the application of the Canadian expertise. Canada has also taken precautions along the way as well to protect the natural surroundings and preserve the land. Environmental protection technology can be obtained from Canada which has developed conservation guidelines which are among the most informed in the world. Canada is ready to share this knowledge with the rest of the world because it is a mutual concern.

Another area of Canadian competence is in the service field where there is expertise in a broad range of specialities such as gas leak detection, geodesic surveys, photogrammetric surveys, precise gravity surveys, mapping, marine seismic and research.

Canadian manufacturers produce and export a broad range of machinery and equipment that is required by the industries engaged in the processing and production phases of the chemical and petrochemical industries. Columns, fractionators and catalytic converters, pressure vessels and tanks; reactors; heat exchangers; distillation equipment; cryogenic vessels; compressors; pumps and valves and steam generating equipment are some examples of the types of equipment marketed internationally by Canada. In this field, Canada provides specialized services and equipment for the construction, testing and inspection of pipelines. In addition, Canadian consultant and construction companies have the capability for complete petroleum refinery, petrochemical and chemical projects including: feasibility studies, process equipment packaged systems, design, procurement, construction, commissioning and training.