

## SEARCH AND DEVELOPMENT

### Surveys

A total of 2,953 line kilometres were traversed by seismic parties, both in public and private sectors during the period October–December 1988, 1,106 line kms by OGDC and 1,647 line kms by private companies. Moreover, 418 line kms were also traversed by geological survey parties of OGDC.

Private sector companies continued seismic operation in their concession areas. Lasmo covered 849 line kms in Tajjal Block, UTP covered 118 line kms in Badin Block and OXY covered 880 line kms in Indus Delta (offshore) concession.

### Drilling

#### Exploratory

During the period October–December 1988, 7 exploratory wells were spudded-in in the country. OGDC drilled 4 wells (Daru-1, Loti-S-1, Thora-E-1 and B-Sydan) out of which Daru-1 and Thora-1 were oil bearing. Drilling at B-Sydan was in progress. Phillips drilled 2 wells (Bagla-1 and Sher-1). Drilling at Sher-1 was continued while Bagla was a gas discovery. Ranger Oil drilled Ranger-1 where drilling was in progress.

### Development

Five new wells were spudded-in during the period, four by OGDC and one by UTP. OGDC's Uch-5 was a dry hole. Drilling at other wells *i.e.* Dhodak-4, Pirkoh-29 and Bobi-2 was still in progress. Liari-2 of UTP was a successful completion. Drilling at OXY's ongoing Dhurnal-7 was in progress.

### Concessions

#### Granted

Petro-Canada under a joint-venture with Home Oil, POL and OGDC was granted concessions in Larkana and Nakhlistan blocks covering 2,496 and

7,398 square kilometres respectively on 28th November, 1988.

### Negotiations

1. Negotiations were held with Trinity Petroleum Company for grant of petroleum rights over Kohlu block covering 7,080 square kms in Sibi, Loralai and D. G. Khan districts. Draft agreement has been finalized and approved by ECC.

2. Discussions were held with Trend Aboobe for finalization of Agreement over Khushalgarh block. ECC has approved the agreement.

3. Negotiations are in progress with (i) Fina Exploration of Belgium for grant of concessions over south Potwar area covering 2,397 square kms in Attock, Sargodha and Chakwal districts; (ii) Premier consolidated of UK for grant of concessions over Bukshapur (Jacobabad, D. G. Khan, Sibi districts), Kandra (Khairpur, Sukkur districts), Qadirpur (Jacobabad, Sukkur districts), Rojhan (D. G. Khan district); and Manjhu block (Hyderabad, Dadu districts); (iii) AMOCO and OGDC for grant of concessions over Sibi and Kohat blocks covering 7,400 square kms; (iv) Canada Northwest for grant of exploration licence over Sita and Gandava blocks.

4. Following companies have applied for petroleum rights in different areas: (i) Union Oil of California for grant of exploration licence over Dunghan block (Sibi, Kachhi, Loralai districts) covering 7,500 square kms; (ii) Keer Moge Corporation for Mianwali block covering 4,063 square kms; (iii) Pakistan Oilfields Ltd. for grant of exploration licence over Bahawalpur block (Rahimyar Khan, Bahawalpur districts) covering 3,136 square kms; (iv) Rosewood Resources of USA for grant of Reconnaissance permit over Makran area covering 21,860 square kms. The applications are being processed in the Ministry.

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