

Beke, Oil Sand Field, Mangystau Region, Republic of Kazakhstan

Client name: FIDE Ltd.

| Service area | Contract value | Project duration |
|--------------------------|----------------|------------------|
| Environmental Capability | confidential | 2007 - 2011 |



Project description:

The oil sand field was known since the ninetieth century and detailed explored in the 1970ies. From this time on oil sand was mined in small scale close to the surface in a small open pit. Until 1991 further exploration was done. The client wants to exploit the oil sand for commercial use. HPC was contracted with several consulting and engineering tasks like mine plan, a Feasibility Study for the oil sand treatment as part of a Bankable Feasibility. Important for the project was also the execution of the Environmental and Social Impact Assessment.

Further project data:

- about 10 million t of bitumen
- licence area 10 km²
- about 300 million m³ material excavated
- bitumen sand treatment
- 500.000 tons bitumen p. a.

Purpose:

- development project, mine plan
- planning of an oil sand refinery
- Bankable Feasibility Study

Our services:

- Project Management of international companies
- developing of the scoping study for the EIA, both for the mine as for the treatment facility
- public consultation
- interviews
- sampling of water, soil, dust, air
- measuring dust, noise
- developing of the ESIA
- calculation of mitigation costs

Client benefits:

- comprehensive planning services considering all relevant national and international (World Bank) standards from one consultant

