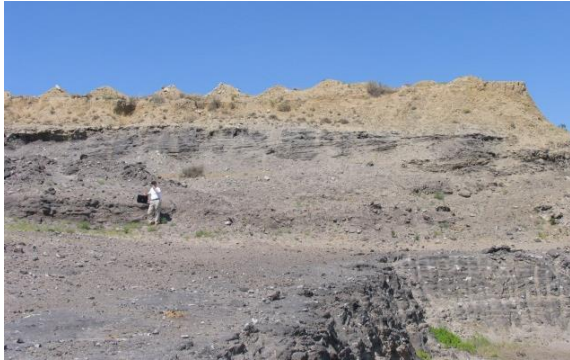


Beke, Oil Sand Field, Mangystau Region, Republic of Kazakhstan

Client name: FIDE Ltd.

Service area	Contract value	Project duration
Deposit Investigation	confidential	2007 - 2011



Project description:

The oil sand field was known since the nineteenth century and detailed explored in the 1970ies. From this time on oil sand was excavated in small scale close to the surface in a small pit. Until 1991 further exploration was done. The client wants to exploit the oil sand for commercial use. HPC AG was supervising the detailed oil sand field exploration a part of a Feasibility Study.

Further project data:

- about 10 million t bitumen
- licence area 10 km²
- about 1500 drill holes
- about 1 million data

Purpose:

- development project, mine plan
- Bankable Feasibility Study

Our services:

- Project Management of several international companies during exploration
- confirmation of the exploration program with the client and the contractors
- developing of a sample and laboratory test program
- drilling supervision and drilling accompaniment
- QA/QC
- evaluation
- statistical calculations

Client benefits:

- securing of international standards during a deposit exploration for a Bankable Feasibility Study

