

DRILLING & PROJECT MANAGEMENT CASE STUDY

InterOil Corporation - PSC C-1
Onshore Papuan Basin, Papua New Guinea

AWT DISCIPLINES

- Project Management**
- Drilling and Supervision**
- Geology**
- Well Testing**
- Cost Engineering & Planning**



PROJECT BACKGROUND

InterOil was a Canadian listed exploration company operating in PNG.

Their head office was in Cairns (regional Australia), supported by a small operations team in Port Moresby who managed the drilling of one to two wells per year.

After a farm-in by Total, InterOil moved their office to Singapore and was required to ramp up operations rapidly to support drilling six to nine wells per year.

PNG drilling conditions are very challenging both from subsurface geology and the operating environment (remote mountainous jungle), requiring detailed planning to ensure operations ran smoothly

Location:

Papua New Guinea



AWT WORKSCOPE

- InterOil was required to go from one operating drill rig to having three rigs operating in less than three months.
- They had a small team which was already stretched with no additional capacity for delivering the ramp up
- They wanted to build their own in-house drilling capability but needed urgent support to deliver their project
- They needed someone to help them build their internal capabilities while ensuring the wells were spudded on time

AWT was requested support InterOil in the following areas:

- Rapidly provide a drilling support function in Port Moresby to supplement InterOil's current capabilities
- Develop and implement a procurement and cost tracking function within drilling
- Provide a Drilling Project Manager to sit in-house and manage the ramp up until they could resource their own
- Set up an on-boarding process, including assistance with visa applications to facilitate the growth of the company
- Assist in providing engineers, supervisors and project support personnel

For more information contact:

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AWT ADDED VALUE

AWT provided the following services to InterOil"

- Overall technical management of the drilling program
- In-country site assessments initial set up
- Drilling engineering and geological services
- Project management including planning, cost management, and reporting services
- Procurement services including technical specifications, evaluations, award recommendations, rig selection and drilling contract
- Ad hoc project support, such as logistic optimisation (heli-rigs), drafting of well management documentation and well integrity reviews
- Field supervisory and operations management

AWT was able to provide guidance and ensure that InterOil achieved their permit obligations with all wells spudded on time. This was done by assisting in the development of their internal resources and systems.

Initially key AWT staff were seconded to InterOil to support in the delivery of their drilling program. As InterOil's capabilities grew, AWT people were transitioned out of the project. AWT's Drilling Project Manager was replaced in September 2014 by InterOil's own Drilling VP (Singapore) and a local drilling manager (Port Moresby). AWT continue to support InterOil in non-core support functions such as cost tracking, procurement support and technical advisory work.