

CASE HISTORY

RELIEF WELL OPTIMIZATION PLAN ENSURES OPERATIONS STAY ON SCHEDULE

APPLICATION

Relief Well Planning

TECHNOLOGY/SERVICES

MagTraC MWD Ranging™
and Well Planning

LOCATION

Australia
(North West Shelf)

CUSTOMER CHALLENGE

The customer required an urgent review and optimization of their relief well planning. The review and subsequent report was needed immediately to satisfy permit sign-off deadlines and ensure the project continued on schedule, with a start date less than two weeks away.

SCIENTIFIC SOLUTION

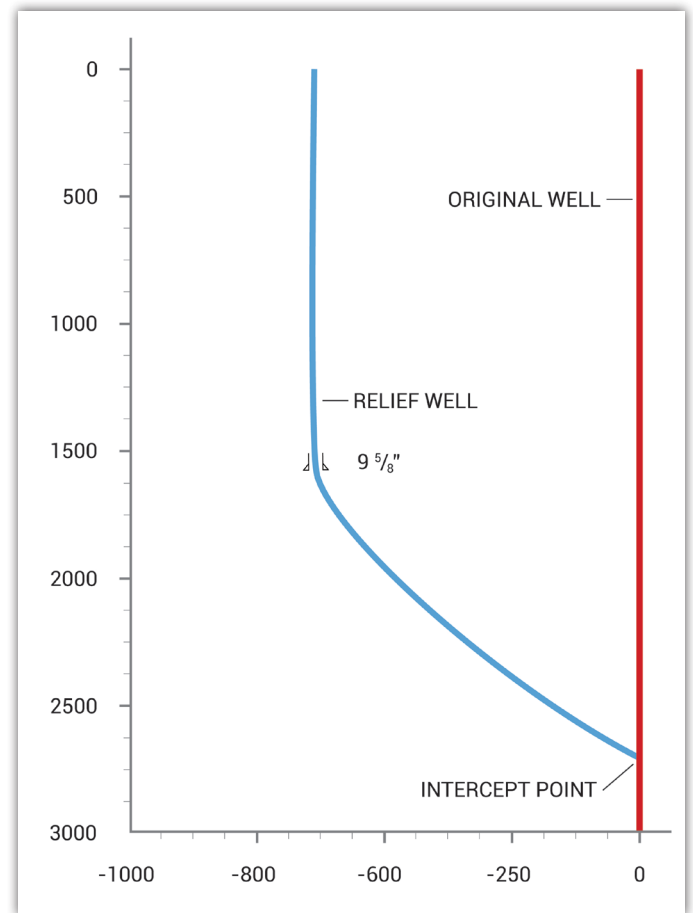
SDI reviewed and modified the customer's well plans to provide the best course of action, direction and plan for a relief well intercept, using MagTraC MWD Ranging™ services.

The comprehensive Relief Well Plan detailed:

- Approach to Target Well
- Target Well Detection
- Optimal Wellbore Separation
- Wellbore Intercept
- Casing Magnetization
- High Accuracy MWD Ranging
- Survey Program Optimization

CUSTOMER VALUE

Failure to meet the well planning sign-off deadlines would have forced significant delays in the startup of the drilling phase. SDI delivered a comprehensive relief well plan within just 72 hours, allowing the customer to proceed with little disruptions to their drilling operations.



Proposed Relief Well Plan

Graphic Representation - Not Actual