

Products & Services

Application Suitability

Well Engineering

At Excelsior Energy we can provide cradle to grave Well Engineering services, from well construction and completions to well abandonment engineering.

Engineering packages include well specific or campaign programs and schematics tailored to well objectives and unique requirements. Careful consideration is given to the local regulatory requirements, industry practices and specifications, and client specific obligations.

Engineering designs also take into consideration resource requirements and limitations, such as rig availabilities and capabilities, third party service availability and proficiency, and environmental factors such as weather conditions, lease accessibility and ground conditions.

Permeability Testing (DST, IFOT)

We provide a wide range of Permeability Testing services for both conventional and unconventional wells. Depending on your requirements, the services can be tailored for onsite or remote operations.

Excelsior Energy offers turnkey Permeability Testing solutions through pre-mob detailed planning of test program, Wireline log evaluation, visual core interpretations, daily drilling report reviews, comprehensive field operations experience, well control under testing conditions, data modelling and interpretation and resource reporting.

Permeability testing provides valuable data for operators to report resource bookings, in fill drilling planning, reservoir engineering and production forecasting. We can provide both conventional inflow test programs, a.k.a. Drill Stem Tests (DST), and Injection Fall Off Testing (IFOT).

Stimulation Testing

We offer Stimulation Testing in the form of Diagnostic Fracture Injection Testing (DFIT). DFIT data from coal seams helps in the planning process for future large scale hydro stimulation programs to increase production of the target seam.

Alternatively, DFIT data in cap rock structures helps with the planning of horizontal drilling programs, through evaluation of formation stability. Depending on the results, horizontal drilling programs can be adjusted to account for instability areas or other mitigating actions required before actual start of the drilling.

Wellsite Representatives

We can offer experienced and qualified Wellsite Representatives for rig-assist and rig-less intervention work scopes locally and/or internationally.

Wellsite Representatives are essential to the successful execution of well projects as scoped out through Well Engineering documentation. They are responsible for the safe execution of operations onsite.

Our network includes highly experienced personnel in drilling and completions rig operations, as well as rig-less operations such as Slicklines, Wireline, E-line and Coil operations.

