



Drilling & Completions Services



MECHANICAL & FABRICATION





Drilling & Completions

From start to finish, we handle all aspects of casing bowl installations for production, disposal and observation wells. Our services include:

- Scheduling and planning of all services.
- Supplying hydrovac support for excavation around wells after drilling rigs are complete.
- Scheduling surveyors to determine wellhead heights elevations.
- Cutting and removing drilling bowl and prepping to install production bowls.
- Scheduling NDE and heat-treating activities.
- Installing outer casing suit case, pack-offs and vent assemblies.
- Valve installations and torqueing.
- Installing wellhead top section.
- Sandblasting inner and outer casing and applying corrosion inhibiting coatings to prolong the life of the wells.

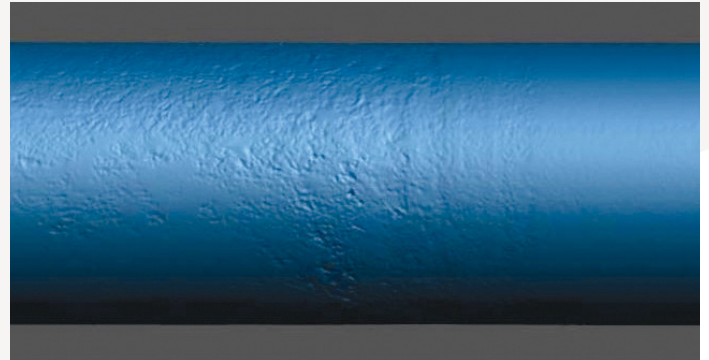


Well Abandonments

- Precision excavation around wells for safe removal.
- Cutting outer casing and intermediate two meters below ground level.
- Removing outer casings and pack-offs of old wells.
- Cutting off used valves and sending for refurbishing if required.
- Cutting off intermediate casing below the casing bowl, followed by sandblasting, laser scanning and UT to determine deterioration over time to study well life.
- Refurbishing old casing bowls by hydrotesting, machining and restumping.

Corrosion Checks

- Exposing casing two meters down by hydrovacating around well.
- Sandblasting surface casing to create an optimal surface for cold cutting tools.
- Cold cutting the outer casing below pack-off and as low as possible.
- Removing the outer casing and sandblasting intermediate pipe.
- Performing laser scanning and UT to ensure pipe loss is within tolerance.
- After cleared, re-sandblasting and applying a corrosion inhibiting coating to protect well from future loss.
- Installing and sandblasting new outer casing then applying a corrosion inhibiting coating to prolong life of well.



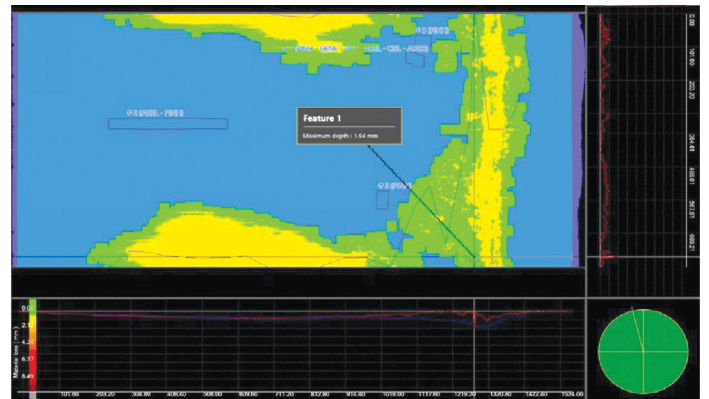
RAW SCAN OF DEEPEST POINT

Equipment

- 45, 8 & 3 Ton Pickers
- Winch Tractors
- Pressure & Vacuum Support
- Fluid Hauling
- Portable Sandblasting & Coatings Equipment

Services

- Welding
- Fitting
- Hydro Testing
- Cranes
- Torqueing
- Sandblasting & Coatings
- NACE Level 1 and Level 2 Inspectors
- Project Planning, Coordinating & Scheduling
- Quality Assurance/Quality Control



2D VIEW OF DEEPEST POINT



Integrated or Stand-Alone

CEDA's service and product lines work as an integrated offering or independently.

CEDA'S CORE SERVICES & PRODUCTS



**PRESSURE, VACUUM &
FLUID TRANSPORTATION**



CHEMICAL CLEANING



TANK MAINTENANCE & CLEANING



PIGGING & DECOKING



EXCHANGER SERVICES



MECHANICAL & FABRICATION



**MANUFACTURING &
PROCESS EQUIPMENT**



PROJECT SERVICES



**TAILINGS MANAGEMENT &
ENVIRONMENTAL SOLUTIONS**

