

CELLAR TECH

Containment Well Cellar Systems

Cellar Tech offers a simple and cost effective means to improve environmental and safety standards while also improving operational performance.



- Minimizes or eliminates contamination of soil and groundwater near the wellbore by providing 100% containment of lubricants and fluids used during drilling, workover, and completion operations.
- Minimizes the costly pumping of well cellars by eliminating groundwater infiltration and runoff accumulation.
- Minimizes confined space entry requirements by providing an additional work surface inside the cellar.
- Attaches to drip liners to prevent migration of fluids under the drilling liner
- Provides an engineered, non-skid, work surface.

Exclusively available through

R&H Supply
The Full Service Supply Company
www.randhsupply.com

Available Options

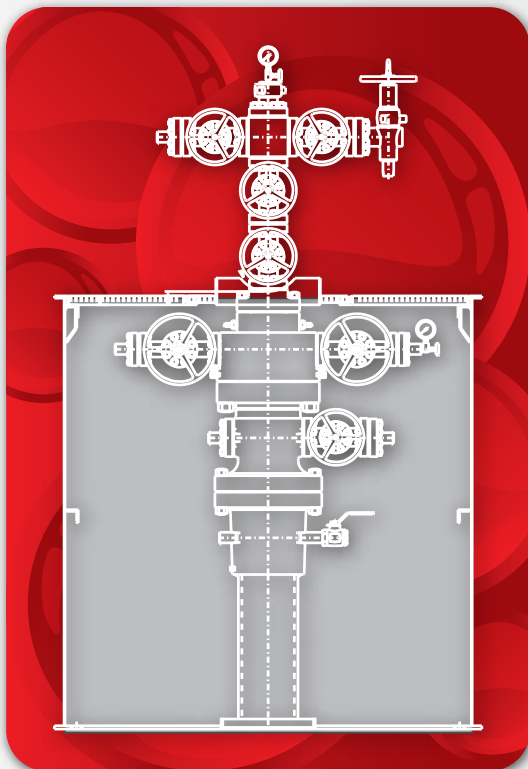
- Fencing and handrails
- Structural engineer certification
- Well houses including Class 1, Division 1, compliant wiring and insulation
- Load bearing integral base plate to resist conductor settling and broaching to 200 kips
- Load bearing cover plates facilitate pad drilling by supporting truck traffic on top of the cellar
- Sump and sump piping for quick and easy pumping from grade level
- Piping stub-outs, access hatches or openings for production operations
- Ladders
- Surface runoff extension ring prevents rainwater from entering cellar
- Structural PE certification
- Sacrificial anodes
- Mid level work surface that minimizes confined space entry concerns
- Custom design



Intermediate grating level eliminates confined space permitting.



- Alaska Department of Environmental Conservation Compliant (18 AAC 75.045)
- Completely eliminates pumping and hauling groundwater and runoff.
- PE stamped designs available now. We can develop a PE certified design for nearly any application.
- US Patent Number 7637692. Other US Patents Pending.



We can accommodate any well head design to provide room for your valves and to line-up your flow lines.



Simple, Fast Installation Process



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Frequently Asked Questions

Q – Why use a Cellar Tech Containment Well Cellar?

A – Cellar Tech Containment Well Cellars provide a much safer work area while reducing soil and groundwater contamination... usually while lowering operating costs over the life of the well.

Q – How will using Cellar Tech Containment Well Cellars result in lower well costs?

A – Cellar Tech Containment Well Cellars are more expensive than a simple piece of culvert pipe... no doubt. However, the extensive benefits provided by the equipment can result in an overall reduction in operating cost over the life of the well.

1. In most cases, shop fabricating the work surface, base plate, and numerous other features takes them out of the critical path while substantially improving functionality and quality.

2. Cellar Tech Containment Well Cellars reduce nipple up time by allowing workers to avoid confined space entry requirements.

3. Cellar Tech Containment Well Cellars are sealed and eliminate the pumping of cellars due to ground water infiltration.

4. Designing the cellar to be a permanent "part of the facility" allows the inclusion of useful features not practical with field fabrication. This can generate savings for the Drilling, Completions, and Production Departments over the life of the well.

5. Most wellheads can be accommodated entirely below grade. With the tubing head adapter flange at grade, a BPV can be installed and the tree removed allowing for unrestricted pad and rig access.

6. Cellar Tech Containment Well Cellars substantially improve safety while reducing environmental liability.

Q – What sizes of conductors and wellheads will work with Cellar Tech Containment Well Cellars?

A – While Cellar Tech can design a custom cellar for nearly any application, the standard models accommodate API conductor sizes 20" and smaller. Commodity well head equipment from most manufacturers is generally similar in size. The standard models accommodate most 13 5/8" 5M or 11" 10M wellhead assemblies while permitting the tubing head adapter flange to be located at ground level.

Q – Will the use of a Cellar Tech Containment Well Cellar improve environmental compliance?

A – Yes. Some interpretations of USEPA already establish a link between SPCC plans, the Clean Water Act, and Secondary Containment Systems (SCS). The Alaska Department of Environmental Protection recently amended regulations to require the use of SCS compliant well cellars at facilities requiring SPCC plans. Cellar Tech Containment Well Cellars meet the SCS permeability requirements. Other states as well as the USEPA may follow suit. In any case, minimizing or eliminating groundwater contamination is good operatorship considering increasingly more stringent environmental regulation.

Q – How long will a Cellar Tech Containment Well Cellar last?

A – Soil conditions vary by area so it is difficult to predict corrosion rates. However, a hot dip galvanized cellar should remain leak free in excess of 15 years. Multiple coating options are available that include hot dip galvanizing, metalizing, painting, polyurea coating, and epoxy coating.



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BP, Chevron & Exxon.