

OIL AND GAS SOLIDS WASTE DISPOSAL IN A SALT CAVERN

Solution Mining Research Institute - Fall 1995

Russ Hickerson
Permian Brine, Sales, Inc.
6067 West 10th Street
Odessa, Texas 79763

Abstract

The safe, economical and permanent disposal of solids waste generated from the oil and gas industry is a continuing concern for energy companies. In the past such waste as basic sediment, tank bottoms, contaminated dirt, rust, drilling mud, produced sand, etc. was simply buried on site. These near surface pits scar the landscape and being located above the water table, pose a severe risk to underground sources of drinking water. The disposal of these types of wastes in deep salt caverns far below the ground water is a technology that effectively isolates the waste from the environment. The oil and gas industry will benefit from the use of salt caverns as permanent repositories for their solids waste.

©2023 – Solution Mining Institute

Full Paper is Available in the SMRI Library(www.solutionmining.org)