

A CASE HISTORY-NATURAL GAS STORAGE IN VIRGIN BEDDED SALT

by

John A. Istvan
Senior Storage Consultant
International Gas Consulting, Inc.

INTRODUCTION

After many years of solution mining of brine supply caverns in bedded salt areas, the opportunity to develop space specifically for natural gas storage has finally arrived.

Specifically, the Midland section of the great Permian Basin contains up to 900' of gross salt. Liquids storage in the area has long been known, but high pressure gas storage was never economical. Since the salt in New Mexico is relatively shallow and interbedded with potash, the salt was thought to be too weak for higher pressure operation.

©2023 – Solution Mining Institute

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