

**SOLUTION MINING
RESEARCH INSTITUTE**

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**MEETING
PAPER**



**Solution Mining and Storing
Natural Gas Simultaneously -
Operational Experience**

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INTRODUCTION

Solution mining and storage product simultaneously has already been applied to liquid storage, but never to natural gas storage. This concept was presented to the SMRI at the Fall 1993 Meeting in Lafayette, Louisiana.

Since that time two caverns at Moss Bluff, Texas, and one cavern at Jennings, Louisiana, have been put into SMUG (Solution Mining Under Gas) service. A fourth cavern is under construction at Jennings, Louisiana, which is designed for SMUG.

This method of cavern development has proven to be both a technical and a commercial success. This method of cavern development provides both commercial and operational advantages over conventional storage cavern development and operation. The commercial and operational experience gained from the first three caverns are presented.

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