



SELECTED PUBLICATIONS - ACTIVE RESEARCH AREAS

ALTERNATIVE ACID GAS MANAGEMENT PROCESSES

Thermal Cracking of H₂S to Produce Hydrogen and Sulfur

A Review of Methods for the Conversion of H₂S to Sulphur and Hydrogen

P.D. Clark and B. Wassink

ASR Quarterly Bulletin

Vol. XXVI, Nos. 2, 3 & 4, July 1989 - March 1990, pp. 1 - 77

in part Presented at Sulphur '91, November 17 - 20, 1991, New Orleans, USA

Production of Hydrogen and Sulfur from Hydrogen Sulfide in Refineries and Gas Processing Plants

P.D. Clark, N.I. Dowling, J.B. Hyne and D.L. Moon

Proceedings of Sulphur '95, An International Conference, October 15 - 18, 1995

Abu Dhabi, United Arab Emirates

and ASR Quarterly Bulletin

Vol. XXXII, No. 1, April - June 1995, pp. 11 - 28

Acid Gas Injection

Studies on Acid Gas Re-injection:

Factors Affecting Sulfur and Water Formation During Recompression

P.D. Clark, P.M. Davis, E. Fitzpatrick and C. Lau

ASRL Chalk Talk presentation

January 25, 1995

A Review of Existing Data on the Solubility of H₂S and CO₂ in Water, Brine and Other Production Fluids

P.M. Davis, C. Lau and P.D. Clark

ASRL Chalk Talk presentation

June 21, 1995

Measurement of H₂S and CO₂ Solubilities in Produced Water at Plant Conditions

P.D. Clark, P.M. Davis and C. Lau

ASRL Chalk Talk presentation

June 26, 1996

Acid Gas Disposal by Re-injection:
An Update on the Status of Current Projects
P.M. Davis and P.D. Clark
ASRL Chalk Talk presentation
June 24, 1997

Options for Acid Gas Disposal
P.M. Davis
Presented at the "Emerging Issues in Managing Gas Processing Facilities"
September 17 - 18, 1997, Calgary, Alberta.

Acid Gas Re-injection:
Data on Acid Gas Water Content Measurements
P.D. Clark, C. Lau, P.M. Davis and E. Fitzpatrick
ASRL Chalk Talk presentation
January 28, 1998

**Sulfur/Acid Gas Combustion & SO₂/CO₂ Injection
New Process Schemes for Sour Gas Development**

Technology for Utilization of Excess Sulfur and New Approaches for Sour Gas Production that Eliminate CO₂ Emission.
P.D. Clark.
ASR Quarterly Bulletin
Vol. XLIII, No. 3, October – December 2006, pp. 1 – 8.

Injection of SO₂ into Disposal Reservoirs – Energy Production from Excess Sulfur and Sulfur Management for Hydrocarbon Development.
P.D. Clark.
ASR Quarterly Bulletin
Vol. XLIII, No. 3, October – December 2006, pp. 9 – 48.