



SELECTED PUBLICATIONS - ACTIVE RESEARCH AREAS

UPSTREAM PRODUCTION CHEMISTRY

Sour Gas – Occurrence and Production Issues Phase Behaviour of Sour Gases Elemental Sulfur in Sour Gas: Formation, Solubility and Deposition

Sulfur Deposition in Reservoirs and Production Equipment: Source and Solutions

J.B. Hyne and G. Derdall

Proceedings, 30th Annual Gas Conditioning Conference

University of Oklahoma, Norman, Oklahoma, March 3 - 5, 1980

World Oil, October 1980, pp. 111 - 120

ASR Quarterly Bulletin

Vol. XVII, No. 1, April - June 1980, pp. 2 - 27

Sour Gas Sulphur in China

J.B. Hyne

China May Produce Gas Containing to 90% H₂S

World Oil, February 1982, pp. 75 - 78

ASR Quarterly Bulletin

Vol. XVII, Nos. 3 & 4, October 1980 - March 1981, pp. 2 - 14

Phase Behaviour in High H₂S Sour Gas Systems

B.E. Roberts and J.B. Hyne

ASR Quarterly Bulletin

Vol. XX, No. 4, January - March 1984, pp. 21 - 40

Mitigation of Sulphur Plugging in Super-Sour Gas Production

P.D. Clark

Proceedings, Sulphur '88, International Conference

Vienna, November 6 - 9, 1988

ASR Quarterly Bulletin

Vol. XXV, No. 1, April - June 1988, pp. 1 - 13

Sulphur Deposition and Drilling Sour Gas Wells

J.B. Hyne, P.M. Davis and C.S.C. Lau

Presented at CADE/CAODC Spring Drilling Conference

Calgary, April 11 - 12, 1991

ASR Quarterly Bulletin

Vol. XXVII, No.2, July - September 1990, pp. 8 - 23

Data on the Solubility of Sulfur in Sour Gases

P.M. Davis, C.S.C. Lau and J.B. Hyne

ASR Quarterly Bulletin

Vol. XXIX, Nos. 2, 3 & 4, July 1992 - March 1993, pp. 1 - 22

Increasing the Run Life of ESP Systems in High H₂S Wells

P.M. Davis and B. Wilson

(Oil Dynamics Incorporated, T.P. Comeau, Mobil Oil Canada)

ASR Quarterly Bulletin

Vol. XXX, No. 4, January - March 1994, pp. 19 - 38

Recent Developments in the Mitigation of Sulfur Deposition in Sour Gas Facilities

P.D. Clark, P.M. Davis, E.G. Fitzpatrick, C.S.C. Lau and J. Simion

Proceedings of the 45th Annual Laurance Reid Gas Conditioning Conference

Norman, Oklahoma, February 26 - March 1, 1995

ASR Quarterly Bulletin

Vol. XXXI, No. 2, July - September 1994, pp. 1 - 29

Estimation of Sulfur Deposition During the Production of Lean Sour Gas

R.A. Marriott, P. M. Davis and P.D. Clark, p.48-61

ASRL Quarterly Bulletin

Vol. XLIII, No. 4, January - March 2007, pp. 48 - 61

Sour Gas Production Chemistry Fundamentals

P.M. Davis, R.A. Marriott, N.I. Dowling and F. Bernard, Alberta Sulphur Research Ltd. and P.D. Clark, Alberta Sulphur Research Ltd. and University of Calgary.

Canadian Sour Gas Forum, TELUS Convention Centre, Calgary, Alberta, Canada, December 2-3, 2008.

Sulfur Solvents

Mitigation of Sulphur Plugging in Super-Sour Gas Production

P.D. Clark

Proc. Sulphur '88, an International Conference

Vienna, Austria, November 6 - 9, 1988

Options for the Regeneration and Disposal of Spent Sulphur Solvents

P.D. Clark, E. Fitzpatrick, K.L. Lesage, C.O. Oriakhi, A. Primak and K. Siferer

ASR Quarterly Bulletin

Vol. XXVII, No. 3, October - December 1990, pp. 1 - 43

Studies on the Stability and Sulfur Uptake Capacity of Dimethyldisulfide Under Sour Gas Pressure

P.D. Clark, E. Fitzpatrick, C.S.C. Lau, K.L. Lesage and C.O. Oriakhi

ASR Quarterly Bulletin

Vol. XXVIII, Nos. 3 & 4, October 1991 - March 1992, pp. 26 - 43

Recent Developments in the Mitigation of Sulfur Deposition in Sour Gas Facilities

P.D. Clark, P. Davis, J. Simion, E. Fitzpatrick and C.S.C. Lau

Proceedings of the 45th Annual Laurance Reid Gas Conditioning Conference

February 26 - March 1, 1995, Norman, Oklahoma

ASR Quarterly Bulletin

Vol. XXXI, No. 2, July - September 1994, pp. 1 - 29

An Update on the Corrosion of Steel in Sour Gas Environments in the Presence of Disulfide Sulfur Solvents

J.R. Simion, E. G. Fitzpatrick, C.S.C. Lau and P.D. Clark

ASR Quarterly Bulletin

Vol. XXXII, No. 2, July - September 1995, pp. 1 - 9

Physical Sulfur Solvents I: The Sulfur Solubility in BTX and the General Solubility Equation for Physical Sulfur

R. A. Marriott and E. Fitzpatrick

ASR Quarterly Bulletin

Vol. XLV, No. 1, April - June 2008, pp. 1 - 24.