

Accepted Manuscript

Development of a novel processing system for efficient sour water stripping

Abolghasem Kazemi, Arjomand Mehrabani-Zeinabad, Masoud Beheshti



PII: S0360-5442(17)30318-3
DOI: 10.1016/j.energy.2017.02.135
Reference: EGY 10428
To appear in: *Energy*
Received Date: 27 March 2016
Revised Date: 04 February 2017
Accepted Date: 23 February 2017

Please cite this article as: Abolghasem Kazemi, Arjomand Mehrabani-Zeinabad, Masoud Beheshti, Development of a novel processing system for efficient sour water stripping, *Energy* (2017), doi: 10.1016/j.energy.2017.02.135

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights:

- A novel system was developed for enhancement of performance of a distillation system based on vapor recompression.
- In this system, utility streams are used for providing thermal energy.
- A parametric study is carried out on the proposed processing system.
- Applying the proposed system resulted in reduction of energy and utility requirements and costs of the separation process.
- Environmental performance of the model was investigated.

Download English Version:

<https://daneshyari.com/en/article/5476495>

Download Persian Version:

<https://daneshyari.com/article/5476495>

[Daneshyari.com](https://daneshyari.com)