

# Guidelines respecting an application for a commercial crude bitumen recovery and upgrading project.

published for Alberta Environment and the Energy Resources Conservation Board by ERCB - Desulfurization of heavy oil

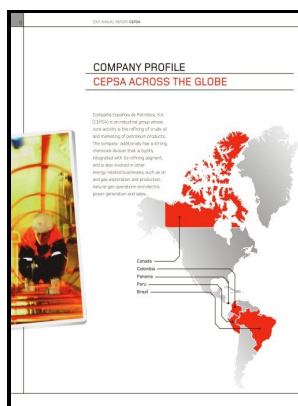
Description: -

-  
Tarquinius Superbus, Lucius, -- King of Rome, -- fl. 534-510 B.C.  
Romulus, -- King of Rome.  
Islam -- 20th century  
Islam  
Taiwan -- Armed Forces.  
China -- Armed Forces.  
China -- Politics and government -- 1976-2002  
Taiwan -- Politics and government -- 1988-  
Military weapons -- China.  
Military weapons -- Taiwan.  
Chinese reunification question, 1949-  
Aquaculture -- Statistics.  
China -- Biography  
China -- History -- 20th century -- Biography  
China -- History -- 19th century -- Biography  
Oil sands industry -- Alberta.  
Oil sands extraction plants -- Alberta. Guidelines respecting an application for a commercial crude bitumen recovery and upgrading project.  
-  
Guide (Alberta. Energy Resources Conservation Board) -- G-23.  
Guide -- G-23 Guidelines respecting an application for a commercial crude bitumen recovery and upgrading project.  
Notes: On cover: 1981.  
This edition was published in 1981

Tags: #Bitumen #Upgrading #Explained

## Bitumen Upgrading Explained

Natural Bitumen has a viscosity greater than 10,000 centipoises measured at original temperature in the deposit and



Filesize: 60.45 MB

atmospheric pressure, on a gas free basis.

## The process of crude oil refining

However, in the Cadotte lease case there are several factors, and one in particular, that prevent such a resource classification being made. Substantial quantities of energy and raw materials are required to produce syncrude from the oil sands.

## Eastern Mainline Project

On the other hand, sulfur contained in aromatic rings, such as thiophene and its benzologs e. Fluid Phase Equilibria, 139, 101-124 1997.

## terms

Besides biodegradation, heavy oil formation can occur through mechanisms such as water washing and phase fractionation, which are based on the loss of a significant fraction of original mass, and removal of light petroleum fractions by physical rather than biological means Oilfield Review Summer, 2006. Current processes and those under development and demonstration focus on the use of steam to supply heat.

## Directives

Monte Carlo Simulation A type of stochastic mathematical simulation which randomly and repeatedly samples input distributions e. Gravitational

separation then takes place in the primary separation vessel 510.

### **Methods for separation of bitumen from oil sands**

The need to make use of a light solvent and the potential loss of solvent by dissolution in such a complex matrix as heavy oil erodes the cost effectiveness of extractive processes for desulfurization of heavy oil. Information needed to derive this quantitative information is summarized in Appendix A. This may be expressed as 0.

### **Desulfurization of heavy oil**

At any given financial year-end, a company may be in overlift or underlift.

### **Desulfurization of heavy oil**

The model, which is the central exercise for the completion of the Preliminary Feasibility Study, included sufficient detail so that costing and economic evaluation through cash flow forecasting could be completed.

## Related Books

- [Red data book.](#)
- [Griechisches Münzwerk - die Münzprägung von Bisanthe, Dikaia, Selymbria](#)
- [Program Gajdara - wnioski dla Polski i Europy Wschodniej : praca zbiorowa](#)
- [Practical socialism](#)
- [Lit de la Loire - etude dhydrodynamique fluviale.](#)