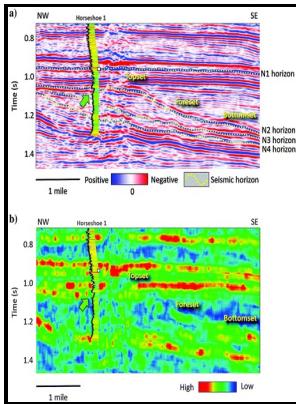


Oil Recovery and Formation Damage in Permafrost, Umiat Field, Alaska.

s.n - Producing Light Oil from a Frozen Reservoir: Reservoir and Fluid Characterization of Umiat Field, National Petroleum Reserve, Alaska



Description: -

-Oil Recovery and Formation Damage in Permafrost, Umiat Field, Alaska.

- Report of investigations (United States. Bureau of Mines) -- 5642 Oil Recovery and Formation Damage in Permafrost, Umiat Field, Alaska.

Notes: 1

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RI 5642

In addition, Inductive heating also raises the temperature of rocks and other inorganic materials present in the reservoir.

Conventional versus electrical enhanced oil recovery: a review

Damage was greatest near the top of the slope and in areas with surface oil. This stage of oil recovery is termed as Secondary Recovery Green and Willhite. In addition, EOR provides an increase in the production of oil as compared with its counterpart, the conventional EOR.

Oil recovery and formation damage in permafrost, Umiat field, Alaska. [Effect of permafrost thawing by drilling mud; gas depletion drive] (Technical Report)

The main advantage of the microwave-based EOR is that source can suitably be employed near the target area. Next section elaborates the term electrical heating with its types followed by some discussions on few related setups commonly used in electrical-based EOR. An Umiat 'dead' oil sample then could be physically created by adding the lost light ends to the weatherized Umiat dead oil sample.

Producing Light Oil from a Frozen Reservoir: Reservoir and Fluid Characterization of Umiat Field, National Petroleum Reserve, Alaska

Freezing of formation water reduces oil productivity much more than that due to increased oil viscosity. Many field tests have also been performed with the application of ultrasonic waves to oil fields resulting in improved oil recovery in Texas, Siberia and California Naderi and Babadagli.

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