

Title (en)

HYDROCARBON RECOVERY METHOD USING INVERTED PRODUCTION WELLS

Title (de)

VERFAHREN ZUR GEWINNUNG VON KOHLENWASSERSTOFFEN MIT HILFE EINER AUFWÄRTS IN DEN TRÄGER GERICHTETEN PRODUKTIONSBOHRUNG

Title (fr)

PROCEDE DE RECUPERATION D'HYDROCARBURES AU MOYEN DE Puits DE PRODUCTION INVERSES

Publication

EP 0888489 A4 20001018 (EN)

Application

EP 96911343 A 19960320

Priority

- CA 2248757 A 19960320
- US 9603718 W 19960320

Abstract (en)

[origin: WO9735090A1] A method using an "inverted" production well (20) for recovering hydrocarbons from a subterranean reservoir (11) wherein the production wellbore (20) has a substantially vertical, non-inverted portion (20a) with angle building to near 90 degrees, an integral, substantially horizontal portion (20b) which extends into said reservoir (11); and an integral, upwardly curving tail portion (20c) which terminates near the top of the reservoir (11). A string of production tubing (23) which may include a downhole pump is positioned within the non-inverted portion (20a) of the wellbore (20). The inverted well (20) increases the production interval within the reservoir (11) and reduces bottom-water coning. Further, a plug (25) can be set in the tail portion (20c) to reduce the production of steam through the wellbore (20). In another embodiment of the present invention, a single inverted well (20) may be used both for injecting steam and producing fluids by extending a string of injection tubing (30) through or adjacent to the production tubing (23) and into the tail portion (20c) of the wellbore (20).

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Citation (search report)

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- [XY] US 5029641 A 19910709 - STAGG THEODORE O [US]
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- See references of WO 9735090A1

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