

<<流线数值试井解释理论与方法>>

图书基本信息

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## <<流线数值试井解释理论与方法>>

### 内容概要

《流线数值试井解释理论与方法（英文版）》考虑到生产历史、油藏非均质、多井以及油水两相流等特征建立了数值试井解释模型（包括生产阶段和关井阶段），采用快速、稳定的流线方法进行求解，得到关井测试时的压力场、饱和度场和流线分布，沿每条流线建立流线数值试井解释模型，并对由测试井发出的所有流线进行联立求解，得到关井后的压力响应。对压力响应和测压数据进行自动拟合或手动拟合，可得到试井解释参数。理论和应用实例验证了本方法的可靠性及实用性。

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### 编辑推荐

姚军、吴明录编著的《流线数值试井解释理论与方法(英文版)》考虑到生产历史、油藏非均质、多井以及油水两相流等特征建立了数值试井解释模型(包括生产阶段和关井阶段),采用快速、稳定的流线方法进行求解,得到关井测试时的压力场、饱和度场和流线分布,沿每条流线建立流线数值试井解释模型,并对由测试井发出的所有流线进行联立求解,得到关井后的压力响应。对压力响应和测压数据进行自动拟合或手动拟合,可得到试井解释参数。理论和应用实例验证了本方法的可靠性及实用性。

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