

1. Record Nr.	UNINA9910462004703321
Autore	Hill A. D (A. Daniel)
Titolo	Multilateral wells [[electronic resource] /] / A.D. Hill, Ding Zhu, Michael J. Economides
Pubbl/distr/stampa	Richardson, TX, : Society of Petroleum Engineers, c2008
ISBN	1-61399-223-8
Descrizione fisica	1 online resource (200 p.)
Altri autori (Persone)	ZhuDing EconomidesMichael J
Disciplina	622/.3381
Soggetti	Horizontal oil well drilling Directional drilling Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [173]-182) and indexes.
Nota di contenuto	<p>""Preface""; ""Contents""; ""1-Introduction Purposes and Applications of Multilateral Wells""; ""1.1 The Utility of Multilateral Wells""; ""1.2 History of Multilateral Wells""; ""1.3 Synergistic Technologies""; ""1.4 Organization of This Book""; ""2-Application of Complex Well Architecture to Common Geological Settings""; ""2.1 Introduction""; ""2.2 Geometry of the Well Drainage Volume""; ""2.3 Using Seismic Techniques for Reservoir Description and Complex Well Planning""; ""3-Drilling Multilaterals""; ""3.1 Initiating a Lateral From the Main Wellbore Sidetracking""</p> <p>""3.2 Drilling the Lateral""""3.3 Well Control for Multilateral Wells""; ""3.4 Multilateral Drilling Case Histories""; ""4-Multilateral Well Completions""; ""4.1 Introduction""; ""4.2 Considerations in Designing a Multilateral Completion""; ""4.3 Junction Classifications""; ""4.4 Lateral Completions""; ""5-Multilateral Well Performance""; ""5.1 Introduction""; ""5.2 Horizontal Well Reservoir Inflow Performance""; ""5.3 Wellbore Flow Behavior""; ""5.4 Multilateral Well Deliverability""; ""5.5 Wellbore Crossflow in Multilateral Wells""; ""Appendix 5A""</p> <p>""Appendix 5B Derivation of Dimensionless Transform of Diffusivity Equation""""Appendix 5C Point/Plane Source Method""; ""6-Multilateral Well Performance Case Studies""; ""6.1 Introduction""; ""6.2 Low-Cost Reserves Access With Multilaterals""; ""6.3 Heavy-Oil Development With</p>

Multilaterals"; "6.4 Multilaterals for Improved Sweep Efficiency"; "6.5 Low-Cost Reserves Access With Multilaterals"; "7-Enhanced Multilateral Well Performance"; "7.1 Introduction"; "7.2 Multilateral-Well Performance Diagnosis"; "7.3 Well Stimulation in Multilateral Wells"
"8-Intelligent and Smart Well Completions""8.1 Introduction"; "8.2 Intelligent-Completion Equipment"; "8.3 Intelligent Completion Models"; "8.4 Examples of Field Applications of Intelligent Completions"; "9-Multilateral Well Economics"; "9.1 Introduction"; "9.2 Costs of Different Classifications of Multilateral Wells"; "9.3 Basic Economic Considerations"; "9.4 Multilateral Wells Driven by Capital Expenditure Reductions"; "9.5 Multilateral Value Driven by Reserves Additions"; "9.6 Real Options Valuation"; "Nomenclature"; "References"; "Author Index"
"Subject Index"
