Record Nr. UNINA9911006838703321 Autore Guo Boyun Titolo Applied drilling circulation systems: hydraulics, calculations, and models / / Boyun Guo, Gefei Liu Amsterdam; ; Boston, MA, : Gulf Professional Pub., c2011 Pubbl/distr/stampa **ISBN** 1-282-99422-0 9786612994227 0-12-381958-X Descrizione fisica 1 online resource (273 p.) Altri autori (Persone) LiuGefei Disciplina 622.3381 622/.3381 Soggetti Mud pumps Oil well drilling Gas well drilling 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 and index. Nota di contenuto Front Cover: Applied Drilling Circulation Systems: Copyright: Dedication: Table of Contents: Appendix A: Unit Conversion Factors: Appendix B: Minimum Gas Flow Rates Required for Lifting Solids and Water in Air Drilling: Appendix C: API Drill Collar Weight (lb/ft): Appendix D: API Drill Pipe Dimensional Data; Appendix E: API Casing Dimensional Data; Index Used to clean the borehole, stabilize rock, control pressures, or Sommario/riassunto enhance drilling rates, drilling fluids and their circulation systems are used in all phases of a drilling operation. These systems are highly dynamic and complicated to model until now. Written by an author with over 25 years of experience, Applied Drilling Circulation Systems: Hydraulics, Calculations and Models provide users with the necessary analytical/numerical models to handle problems associated with the design and optimization of cost-effective drilling circulation systems.

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