

## Schlumberger Dipmeter Interpretation

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### **Schlumberger Dipmeter Interpretation**

Schlumberger fundamentals of dipmeter interpretation. New York : Schlumberger Ltd., 1970 (OCoLC)655042569: Document Type: Book: All Authors / Contributors: Schlumberger Limited. OCLC Number: 22260212: Description: iv, 145 pages : illustrations ; 28 cm & double rotating transparent overlays bound at end: Other Titles: Fundamentals of dipmeter interpretation

### **Schlumberger fundamentals of dipmeter interpretation ...**

Imprint New York : Schlumberger Ltd., c1970. Physical description iv, 145 p. : ill. ; 28 cm.

### **Schlumberger fundamentals of dipmeter interpretation in ...**

Schlumberger Dipmeter Interpretation List Of Abbreviations In Oil And Gas Exploration And. Management TXSOil 713 655 1195. 1950s New Technology Strategic Acquisitions Schlumberger. Our Instructors PetroSkills Petroleum Courses Amp Training. Flodim Challenging De Limits Cavity Survey Well List Of Abbreviations In Oil And Gas Exploration And

### **Schlumberger Dipmeter Interpretation**

Schlumberger Overseas S.A. Kuala Lumpur, West Malaysia Abstract: The Dipmeter Advisor is a knowledge-base system. linked to a computer work-station. designed to aid in the interpretation of dipmeter results through interaction between the interpreter and the "expert" system.

### **The Dipmeter Advisor\* A dipmeter interpretation workstation**

Schlumberger introduced a dipmeter for use in oil-based (nonconductive) mud systems in 1988. It uses micro induction resistivity measurements instead of the usual electrical resistivity pads. A knife blade electrode, or scratcher pad, version is available from several suppliers.

### **Crain's Petrophysical Handbook | Dipmeter Logs**

Schlumberger's DIPMETER ADVISOR system attempts to emulate human expert performance in dipmeter interpretation. It utilizes dipmeter patterns together with local geological knowledge and measurements from other logs. It is a typical example of the class of programs that deal with what has come to be known as signal to symbol transformation.

### **ANALYSIS OF DIPMETER LOGS - Ross Crain**

The dipmeter is a tool with arms arranged radially around a central mandrel with pads pressed against the borehole wall by a spring mechanism. Each pad measures the microresistivity of the formation. By correlating a microresistivity feature across the borehole, a plane can be defined and its dip and strike computed.

### **KGS--Geological Log Analysis--The Dipmeter**

In the general case, a catalog of field examples of dip plots from various known depositional environments is a valuable aid to stratigraphic dipmeter interpretation. Examples of use. Schlumberger, 1986, Dipmeter Interpretation Fundamentals: New York, Schlumberger Ltd., 76 p. Nurmi, R. D., 1984, Geological evaluation of high resolution dipmeter data: Society of Professional Well Log Analysts' 25th Annual Logging Symposium, vol. 2, paper YY, 24 p.

### **Dipmeter - AAPG Wiki**

Once data is collected, measurement of geological planes and axes, on the field or from dipmeter/image logs (as it is said when interpreting images: picking is finalised) one of the first following steps in the workflow is the statistical analyses of the planar and axis populations.

### **Borehole imaging & Dimeter - Saadgeo**

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The main purpose of the dipmeter measurement is to obtain structural dips of the layers traversed by the borehole. This is achieved by recording variations in the rocks' electrical properties along...

### **Dipmeter | Request PDF**

Stratigraphically, dipmeters and borehole images are used to identify paleocurrent directions, bounding surfaces, facies, thin beds, net-sand, and secondary porosity. The key objective of dipmeter and borehole-image interpretation is to describe structural and stratigraphic features encountered by a wellbore, commonly in the absence of core.

### **Structural & Stratigraphic Interpretation of Dipmeters ...**

During the past four years, the Dipmeter Advisor system has migrated from an initial experiment in application of expert system techniques in well-log interpretation to a candidate commercial interpretation system.

### **The dipmeter advisor system | Proceedings of the Eighth ...**

Schlumberger Subject: Measure open borehole formation conductivity as a function of both well depth and radius into the formation at different borehole conditions and environments. Keywords: Induction, array induction, Array, Rt, saturation, AIT, SAIT, QAIT, Sw, Invasion profiling, thin bed, movable hydrocarbon Created Date: 8/18/2004 6:55:42 PM

### **AIT Array Induction Imager Tools - Schlumberger**

The Dipmeter Advisor system is the result of a four year effort by Schlumberger to apply expert systems technology to problems of well-log interpretation.

### **THE DIPMETER ADVISOR SYSTEM A Case Study In Commercial ...**

The Dipmeter Advisor system attempts to emulate human expert performance in an important and specialized oil well-log interpretation task. The system is currently being used in a small number of Schlumberger Field Log Interpretation Centers as an aid to human dipmeter interpreters.

### **The design of the Dipmeter Advisor system | Proceedings of ...**

The Dipmeter Advisor was an early expert system developed in the 1980s by Schlumberger with the help of artificial-intelligence workers at MIT to aid in the analysis of data gathered during oil exploration. The Advisor was generally not merely an inference engine and a knowledge base of ~90 rules, but generally was a full-fledged workstation, running on one of Xerox's 1100 Dolphin Lisp machines ...

### **Dipmeter Advisor - Wikipedia**

In 1940, Schlumberger invented the spontaneous potential dipmeter; this instrument allowed the calculation of the dip and direction of the dip of a layer. The basic dipmeter was later enhanced by the resistivity dipmeter (1947) and the continuous resistivity dipmeter (1952). Oil-based mud (OBM) was first used in Rangely Field, Colorado in 1948.

### **Well logging - WikiMili, The Best Wikipedia Reader**

Successful stratigraphic interpretation depends on the analysis of several parameters. For many years, the dipmeter has been the key logging tool in stratigraphic interpretation. However, the nature of the measurement (four to eight microresistivity curves from four pads) placed some limits on a detailed interpretation beyond the wellbore.

### **Stratigraphic interpretation using formation imaging and ...**

Schlumberger has put into use a new method of dip computation based on the mathematical recognition of patterns. Hence the program is called "Pattern Recognition" (P.R.). Its commercial name is GEODIP. The results of computer processing of data recorded in a well are presented in various forms, mainly using a line printer or a plotter.

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