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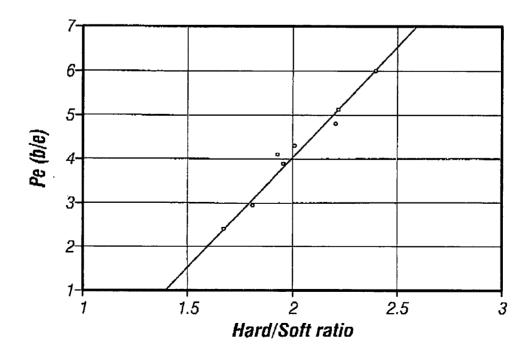
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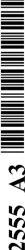
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(54) Title: MEASUREMENT OF STANDOFF CORRECTED PHOTOELECTRIC FACTOR



(57) Abstract: A photoelectric factor (PEF) that is corrected for standoff effects is obtained from measurements made with a single detector. A first PEF is obtained using a first pair of soft and hard windows and a second PEF is obtained using a second pair of soft and hard windows. Additional correction to the PEF may be made using a formation density measured by the logging tool.





INTERNATIONAL SEARCH REPORT

International application No. PCT/US2007/077853

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - E21B 49/00 (2008.10) USPC - 175/41			
According to	o International Patent Classification (IPC) or to both na	ational classification and IPC	
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) IPC(8) - E21B 49/00; G01V 11/00 (2008.10) USPC - 73/152.14; 175/41; 250/254; 250/269.4			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
PatBase, Google Patent, Google Scholar, Google			
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C. DOCUMENTS CONSIDERED TO BE RELEVANT			·
Category*	Citation of document, with indication, where ap	Relevant to claim No.	
Χ	US 6,648,083 B2 (EVANS et al) 18 November 2003 (1	8.11.2003) entire document	1-5, 8, 10-15, 18, 20-22
Y		,	6-7, 9, 16-17 and 19
Υ	US 5,912,460 A (STOLLER et al) 15 June 1999 (15.06.1999) entire document		6-7, 16-17
Υ	US 4,879,463 A (WRAIGHT et al) 07 November 1989 (07.11.1989) entire document		9, 19
Α	US 2005/0028586 A1 (SMITS et al) 10 February 2005 (10.02.2005) entire document		1-22
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