

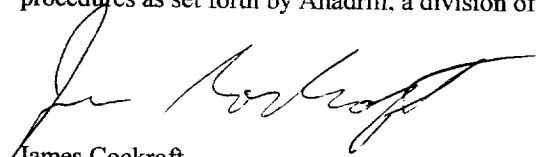
Schlumberger

Anadrill

MDC Operations
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Phone (915) 563-3057
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State of Texas
County of Midland

I, James Cockroft, certify that; I am employed by Anadrill, a division of Schlumberger Technology Corporation; that I did on the day's of 12/27/96 thru 1/1/97 conduct or supervise the taking of a MWD survey from a depth of 5868 feet to a depths of 7910 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Anadrill, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Marathon Oil Company, for the McGrail State #10 in Lea County, New Mexico; and that I have reveiued this report and find that it conforms to the principles and procedures as set forth by Anadrill, a division of Schlumberger Technology Corporation.



James Cockroft,
MWD I

