

Prospectus Supplement
(To Prospectus Dated February 9, 2004)

\$1,200,000,000
HALLIBURTON COMPANY
3-1/8% CONVERTIBLE SENIOR NOTES DUE JULY 15, 2023
AND
COMMON STOCK ISSUABLE UPON CONVERSION OF THE NOTES

This document supplements the prospectus dated February 9, 2004, relating to \$1,200,000,000 aggregate principal amount of our 3-1/8% Convertible Senior Notes due July 15, 2023 and the shares of common stock issuable upon conversion of the notes. You should read this prospectus supplement in conjunction with the accompanying prospectus, which is to be delivered by selling securityholders to purchasers along with this prospectus supplement.

Our common stock is listed on the New York Stock Exchange under the symbol "HAL." On December 17, 2004, the closing price for our common stock on the New York Stock Exchange was \$39.24 per share.

INVESTING IN THE NOTES AND THE COMMON STOCK ISSUABLE UPON THEIR CONVERSION INVOLVES RISKS. SEE "RISK FACTORS" BEGINNING ON PAGE 12 OF THE PROSPECTUS.

NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THESE SECURITIES OR DETERMINED WHETHER THIS PROSPECTUS IS TRUTHFUL OR COMPLETE. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

On December 17, 2004, we entered into a supplemental indenture with the trustee in which we eliminated our right to settle the conversion of the notes solely in shares of our common stock. The supplemental indenture does not modify your rights as a holder of the notes. We have provided below revisions to certain paragraphs of the "Conversion of Notes" section of the prospectus which reflect changes under the supplemental indenture.

We believe that the modifications to the terms of the notes caused by the supplemental indenture will not constitute an exchange for federal income tax purposes, and therefore that there will be no federal income tax consequences to holders of the notes as a result of any such modifications. Holders should refer to the discussion in the prospectus under the heading "Material United States Federal Income Tax Consequences" for a summary of the United States federal income tax consequences relevant to holders of the notes.

The information in the third paragraph on the cover page of the prospectus is replaced and superseded by the following:

"The notes will mature on July 15, 2023. Holders may convert the notes into cash or a combination of cash and shares of our common stock (unless earlier redeemed or repurchased by us) under the following circumstances: (1) if the price of our common stock issuable upon conversion of the notes reaches specified thresholds described in this prospectus, (2) if we call the notes for redemption, (3) upon the occurrence of specified corporate transactions described in this prospectus or (4) if the credit ratings assigned to the notes decline below the levels described in this prospectus. Upon conversion, we will have the right to satisfy all or a portion of our conversion obligation in cash or a combination of cash and common stock. In no event shall the cash amount we use to satisfy all or a portion of our conversion obligation be less than the aggregate principal amount of the notes being converted. The initial conversion

rate is 26.5583 shares of common stock per each \$1,000 principal amount of notes. This is equivalent to an initial conversion price of \$37.65 per share."

The information in the second and third paragraphs under the caption "Summary--The Offering--Conversion Rights" on page 6 of the prospectus is replaced and superseded by the following:

"For each \$1,000 principal amount of notes surrendered for conversion, you initially will be entitled to receive cash or a combination of cash and stock with a value equivalent to 26.5583 shares of our common stock. This represents an initial conversion price of \$37.65 per share of common stock. As described in this prospectus, the conversion rate may be adjusted for certain reasons. Except as otherwise described in this prospectus, you will not receive any cash payment representing accrued and unpaid interest upon conversion of a note; however, we will continue to pay additional amounts, if any, on the notes and the common stock issuable upon conversion thereof to the holder in accordance with the registration rights agreement. Notes called for redemption may be surrendered for conversion prior to the close of business on the business day immediately preceding the redemption date.

Upon conversion, we will have the right to satisfy all or a portion of our conversion obligation in cash or a combination of cash and common stock. In no event shall the cash amount we use to satisfy all or a portion of our conversion obligation be less than the aggregate principal amount of the notes being converted."

The information in the second and third paragraphs under the caption "Description of Notes--Conversion of Notes" beginning on page 44 of the prospectus is replaced and superseded by the following:

"Except as otherwise described below, you will not receive any cash payment representing accrued and unpaid interest (including contingent interest, if any) upon conversion of a note and we will not adjust the conversion rate to account for the accrued and unpaid interest. Upon conversion of a note, we will become obligated to deliver to you cash or a combination of cash and shares of common stock, together with any cash payment for fractional shares (the "conversion obligation"). Delivery of cash or a combination of cash and shares of common stock and any cash payment for fractional shares will be deemed to satisfy our obligation to pay the principal amount of the notes, including accrued and unpaid interest (including contingent interest, if any). Accrued and unpaid interest (including contingent interest, if any) will be deemed paid in full rather than canceled, extinguished or forfeited. The trustee will initially act as the conversion agent. Notwithstanding conversion of any notes, the holders of the notes and any common stock issuable upon conversion thereof will continue to be entitled to receive additional amounts in accordance with the registration rights agreement. See "Registration Rights Agreement."

The information under the caption "Description of Notes--Conversion of Notes--Payment Upon Conversion--Conversion on or Prior to the Final Notice Date" beginning on page 46 of the prospectus is replaced and superseded by the following:

"Upon conversion, we will satisfy our conversion obligation by delivering to you either (1) cash or (2) a combination of cash and shares of our common stock, as follows:

(1) Cash Settlement. If we elect to satisfy the entire conversion obligation in cash, then we will deliver to you an amount in cash equal to the product of:

- o a number equal to (1) the aggregate principal amount of notes to be converted divided by 1,000 multiplied by (2) the applicable conversion rate and
- o the average closing price of our common stock during the cash settlement averaging period (as described below).

(2) Combined Settlement. If we elect to satisfy a portion of the conversion obligation in cash (the "partial cash amount") and a portion in shares of our common stock,

then we will deliver

to you such partial cash amount, plus a number of full shares equal to the greater of (1) one and (2) the excess, if any, of:

- o a number of shares equal to (i) the aggregate principal amount of notes to be converted divided by 1,000, multiplied by (ii) the applicable conversion rate, over
- o the number of shares equal to the sum, for each day of the cash settlement averaging period, of (x) 10% of the partial cash amount, divided by (y) the closing price of our common stock on such day.

Cash will be paid in lieu of any fractional shares. In no event shall the partial cash amount be less than the aggregate principal amount of the notes being converted.

In the event that we receive your notice of conversion on or prior to the day that is 20 days prior to maturity (the "final notice date"), the following procedures will apply: we will notify you, through the trustee, of the dollar amount to be satisfied in cash (which must be expressed either as 100% of the conversion obligation or as a fixed dollar amount) at any time on or before the date that is three business days following receipt of your notice of conversion ("cash settlement notice period"). You may retract the conversion notice at any time during the two business day period beginning on the day after the final day of the cash settlement notice period ("conversion retraction period"). If you have not retracted your conversion notice during the conversion retraction period, then cash settlement or combined settlement of cash and shares of common stock will occur on the business day following the final day of the 10 New York Stock Exchange trading day period beginning on the day after the final day of the conversion retraction period (the "cash settlement averaging period")."

The date of this prospectus supplement is December 20, 2004