**FORM 27**[1]

**SECURITIES ACT**

**MATERIAL CHANGE REPORT**[2]

**ITEM 1** **Reporting Issuer:**

Detector Exploration Ltd.
Suite 1900, 520 - 5th Avenue S.W.
Calgary, Alberta, T2P 3R7
Telephone (403) 264-1880
Fax (403) 265-9105

**ITEM 2** **Date of Material Change:**

May 1, 2003

**ITEM 3** **News Release:**

Distribution through Canada Newswire service on May 5, 2003.

**ITEM 4** **Summary of Material Change:**

Detector completed its oil & gas purchase from Blaze Energy Ltd. The base purchase price was $454,000.

**ITEM 5** **Full Description of Material Change:**

See copy of press release attached.

**ITEM 6** **Confidential Report - Reliance on Section 146(2) of the Securities Act (Alberta) or equivalent**[3]**:**

N.A. This Report is not being filed on a confidential basis.

**ITEM 7** **Omitted Information:**

N.A.

**ITEM 8** **Senior Officers:**

Ronald E. Alexander, President
Suite 1900, 520 - 5th Avenue S.W.
Calgary, Alberta, T2P 3R7
Telephone (403) 264-1880
Fax (403) 265-9105

**ITEM 9** **Statement of Senior Officer:**

The foregoing accurately discloses the material change referred to in this report.

DATED at Calgary, Alberta this 5th day of May, 2003.

DETECTOR EXPLORATION LTD.

Per: "Ronald E. Alexander"
Ronald E. Alexander
President

IT IS AN OFFENCE UNDER THE *SECURITIES ACT* AND THE ALBERTA SECURITIES COMMISSION RULES FOR A PERSON OR COMPANY TO MAKE A STATEMENT IN A DOCUMENT REQUIRED TO BE FILED OR FURNISHED UNDER THE ACT OR THE RULES THAT, AT THE TIME AND IN LIGHT OF THE CIRCUMSTANCES UNDER WHICH IT IS MADE, IS A MISREPRESENTATION.

ANY FEE PAYABLE TO THE ALBERTA SECURITIES COMMISSION UNDER THE *SECURITIES ACT*, THE *SECURITIES REGULATION* AND THE ALBERTA SECURITIES COMMISSION RULES SHALL BE PAID TO THE ALBERTA SECURITIES COMMISSION IN ACCORDANCE WITH THE REQUIREMENTS OF THE FEE SCHEDULE TO THE SECURITIES REGULATION. ANY FAILURE TO ACCOMPANY A FORM OR APPLICATION WITH THE PRESCRIBED FEE SHALL RESULT IN THE RETURN OF THAT FORM OR APPLICATION.

Attachment: Press Release

(1) Equivalent Forms:

British Columbia: Form 53-901F

(2) Filed with each of the following Securities Commissions:

British Columbia Securities Commission *(via SEDAR Filing System)*
Alberta Securities Commission *(via SEDAR Filing System)*

(3) Equivalent Sections:

*Securities Act* (Alberta) - Section 146(2)
*Securities Act* (British Columbia) - Section 85(1)(b)

PRESS RELEASE - FOR IMMEDIATE RELEASE - CANADA NEWSWIRE

May 5, 2003

Calgary - May 5, 2003... Detector Exploration Ltd. (TSX-V: DEX) announces that Detector has completed the purchase of oil & gas assets from Blaze Energy Ltd. on the following terms:

(a) the unadjusted purchase price was $454,000 with an effective date of December 1, 2002. The adjusted closing payment was [$351,100];

(b) the assets involved are in the Rainbow, Virgo, Zama, Shekilie and Pyramid areas of Alberta, comprise a total of 5,360 gross acres, 527 net acres and involve working interests of between 1.6% and 23%;

(c) the assets include interests in 6 producing oil wells, 1 producing gas wells, 1 shut-in oil well, and 4 completed but not tied in gas wells;

Detector is an oil and gas corporation whose shares are listed for trading on TSX Venture Exchange Inc. under the symbol DEX.

As of May 5, 2003 Detector has outstanding 6,012,231 Common Shares, 1,030,000 options to acquire Common Shares, and Debentures convertible into 882,352 Common Shares. Detector's "public float" (total shares outstanding less those held by directors, officers and 10% shareholders and associates) has been calculated by Detector to be 2,826,730 shares.

The officer responsible for issuance of this press release and who may be contacted for further information is:

Ronald E. Alexander, President
Detector Exploration Ltd.
Suite 1900, 520 - 5th Avenue S.W.
Calgary, Alberta, T2P 3R7
Telephone (403) 264-1880
Fax (403) 265-9105