

EXHIBIT NO. 6



FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

To: SAC, Charlotte

Date: May 19, 1999

Case ID #: 70A-CE-3668-1638

Lab No. 990111018 ZJ
990202004 S ZJ
990318018 S ZJ
990412040 S ZJ

Reference: Communications dated 1/11/99, 1/29/99,
3/15/99 and 4/9/99

Your No. 70A-CE-3668 (P)

Title: JEFFREY ROBERT MACDONALD
ET AL
CGR - MURDER

Specimens received: 1/11/99, 2/2/99, 3/18/99 and 4/12/99

Specimens personally delivered by Special Agent C. Andrew Thomure
on January 11, 1999, under cover of communication dated
January 11, 1999 (990111018 ZJ):

- Q100.1 Glass microscope slide (marked #1) (packaged with resubmitted Q100 vial)
- Q118.1 Vial #10 (packaged with resubmitted Q117 through Q119)
- Q134 Glass microscope slide (Exhibit 286)
- Q134.1 Vial #2 (Exhibit 286)
- Q135 Glass microscope slide (Exhibit 288)
- Q135.1 Vial #4 (Exhibit 288)
- Q136 Glass microscope slide (Exhibit 284)

Page 1

(over)
Thomure

Exhibit No. 6

This Report Is Furnished For Official Use Only

70A-CE-3668-1638

Q136.1 Vial #6 (Exhibit 284)
Q137 Glass microscope slide (Exhibit 285)
Q137.1 Vial #7 (Exhibit 285)
Q138 Glass microscope slide (Exhibit 282)
Q138.1 Vial #8 (Exhibit 282)
Q139 Glass microscope slide (Exhibit 287)
Q139.1 Vial #9 (Exhibit 287)

NON-EVIDENTIARY ITEMS:

NE1 Overhead diagram of floor plan
NE2 Video cassette
NE3-NE6 Notebooks containing photographs
NE7 Photographs and letter
NE8 Resubmitted Q67 through Q77 glass microscope slides
(Exhibit 386)
NE9 Resubmitted glass microscope slides from FBI Laboratory
Number 90103084 (Q80 (five (5) slides), Q81 (one (1)
slide), Q82 (three (3) slides), Q83 (one (1) slide),
Q92 (one (1) slide), Q105 (two (2) slides), Q124 (one
(1) slide)
NE10 Microscope slides and vials - known sample from
J. MACDONALD (Also submitted from FBI Laboratory Number
01022018 RQ)
NE11 Exhibit 299 - Six (6) microscope slides
NE12 Exhibit 293 (Vial #3)
NE13 Exhibit 291 (Vial #5)
NE14 Exhibit 106 (Vial #11)
NE15 Exhibit 289 (Vial #12)

RESUBMITTED ITEMS:

Q100 SLIDES AND VIAL (90103084)

Q117-Q119 MICROSCOPE SLIDES

Q125 TWO (2) MICROSCOPE SLIDES AND ONE (1) VIAL

Q96 TWO (2) VIALS, ONE (1) PILLBOX AND FOUR (4) MICROSCOPE SLIDES (PC# L2082)

Q89 ONE (1) VIAL, ONE (1) PILLBOX AND THREE (3) MICROSCOPE SLIDES (90103084 AND PC# L2082)

Q87 ONE (1) VIAL, ONE (1) PILLBOX AND THREE (3) MICROSCOPE SLIDES (90103084 AND PC# L2082)

Q88 ONE (1) VIAL, TWO (2) MICROSCOPE SLIDES (90103084 AND PC# L2082)

Q93 ONE (1) VIAL, TWO (2) MICROSCOPE SLIDES (PC# L2082)

Q78 ONE (1) VIAL, TWO (2) PILLBOXES, THREE (3) MICROSCOPE SLIDES (PC# L2082)

Q40-Q42 THREE (3) MICROSCOPE SLIDES

Q79 ONE (1) VIAL, THREE (3) PILLBOXES, FOUR (4) MICROSCOPE SLIDES (01022018 RQ AND PC# L2082)

K6-K22 PILLBOXES AND BOXES CONTAINING KNOWN HAIR SAMPLES FROM J. MACDONALD

K1 HEAD HAIR SAMPLE FROM COLETTE MACDONALD (ONE (1) PILLBOX, EIGHT (8) MICROSCOPE SLIDES, HAIRS) (PC# L1913)

K2 HEAD HAIR SAMPLE FROM KIMBERLY MACDONALD (ONE PILLBOX, FIVE (5) MICROSCOPE SLIDES, HAIRS) (PC# L1913)

K3 HEAD HAIR SAMPLE FROM KRISTEN MACDONALD (ONE (1) PILLBOX, FIVE (5) MICROSCOPE SLIDES, HAIRS) (PC# L1913)

Specimens received February 2, 1999, under cover of communication dated January 29, 1999 (990202004 S ZJ):

RESUBMITTED ITEMS FROM FBI LABORATORY NUMBER 90103084 S RR:

SPECIMEN Q128

ONE (1) GLASS MICROSCOPE SLIDE FROM Q128

Specimens received March 18, 1999, under cover of communication dated March 15, 1999 (990318018 S ZJ):

RESUBMITTED MICROSCOPE SLIDES FROM FBI LABORATORY:

K6-K22 PUBIC HAIR SAMPLE FROM JEFFREY MAC DONALD

Specimens received April 12, 1999, under cover of communication dated April 9, 1999 (990412040 S ZJ):

RESUBMITTED ITEMS:

Q22-Q24 VIALS AND SLIDE (EXHIBIT 353)

Q25-Q39 HAIR SAMPLES

K23-K27 PLASTIC ENVELOPES

Q79 MICROSCOPE SLIDES

Q53 MICROSCOPE SLIDE

Q54 MICROSCOPE SLIDE

Q18-Q21 FOUR (4) VIALS

NON- EVIDENTIARY ITEMS:

NE16 Plastic envelope containing two (2) vials from JEFFREY MACDONALD (1B4-71-70)

NE17 COLETTE's pajama top (D209, Exhibit 270)

NE18 KRISTIN's pajama top, bottom and undershirt (D212)

NE19 Hairs from head of KRISTEN MACDONALD (Exhibit 293)

- NE20 COLETTE MACDONALD's wedding ring (Exhibit 294)
- NE21 Glass vial (D-25 - Exhibit 127)
- NE22 Pillbox containing hair from HELENA STOECKLEY (1B19 - 317-71)
- NE23 Plastic envelope containing head hair from KALIN (1B19- 47-71)
- NE24 Paper envelope containing head hair from MRS. KASSAB (1B19- 126-71)
- NE25 KIMBERLY MACDONALD's nightgown

The results of the trace evidence examinations are included in this report.

Specimens Q18 through Q42, Q53, Q54, Q77 through Q79, Q87 through Q89, Q93, Q96, Q100, Q100.1, Q117 through Q119, Q125, Q134 through Q139.1, K1 through K3, K6 through K22, NE9 through NE11, NE16, NE19, NE22 through NE24 have been turned over to Special Agent Peter C. Murray, to be delivered to the Armed Forces DNA Identification Laboratory.

The remainder of the submitted items will be maintained at the FBI Laboratory, until all examinations are completed.



FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

Report of Examination

Examiner Name: Robert Fram ^{Rof}	Date: 5/19/99
Unit: Trace Evidence	Phone No.: (202) 324-8915
Case ID #: 70A-CE-3668	Lab No.: 990111018 S ZJ 990202004 S ZJ 990318018 S ZJ 990412040 S ZJ

Results of Examinations:

A forcibly removed Caucasian head hair found on one of the Q96 resubmitted glass microscope slides, (labeled "19 1/2" on the slide), exhibits the same microscopic characteristics as hairs in the K2 specimen. Accordingly, this hair is consistent with having originated from KIMBERLY MACDONALD, the identified source of the K2 specimen. Two Caucasian head hair fragments found on this same slide are microscopically similar to hairs in the K2 specimen; however, these hairs are too limited for significant comparison purposes. A Caucasian body area hair found on this slide is not suitable for significant comparison purposes.

A Caucasian pubic hair found on one of the Q78 resubmitted glass microscope slides, (labeled "H's" on the slide), is dissimilar microscopically to hairs in the K22 specimen, and accordingly, is not consistent with having originated from JEFFREY MACDONALD, the identified source of the K22 specimen. A Caucasian body area hair found on the same slide, is not suitable for significant comparison purposes.

Hair comparisons are not a basis for absolute personal identification.

No other hair comparisons were conducted on the submitted items.