



## Dakota County Sheriff's Office Electronic Crime Unit

<b>Examination Report</b>	
<b>To:</b> Detectives Tommie Booth & Brian Bone Apple Valley Police Department	<b>DCECU Case No:</b> 15000116 <b>AVPD Case No:</b> 15000303
<b>Report Prepared By:</b> Detective Shane Klokonos Dakota County ECU 1580 Highway 55 Hastings, MN 55033	<b>Regarding Incident:</b>  ➤ Homicide/suicide
	<b>Date:</b> October 5, 2015

On January 17, 2015, this detective, along with Detectives Thomas Jacobson and Ryan Olson from the Dakota County Electronic Crime Unit, (ECU) assisted the Apple Valley Police Department with a search warrant at 1051 Ramsdell Drive in the City of Apple Valley. This search warrant was the result of multiple deceased bodies being found in the residence. The Minnesota Bureau of Criminal Apprehension was also present and processed the scene for physical evidence. Many electronic devices were taken as evidence from the residence. Those Items are listed below.

An iMac computer was located in an office type room on the south east side of the house. This computer was powered on and had several external hard drives connected to it. The power cord was removed from the rear of the computer without shutting it down.

A MacBook Pro was located in the kitchen. This device was found to be powered on and active. After the Bureau of Criminal Apprehension had completed processing it for physical evidence, I turned the Wi-Fi and Bluetooth off. There was a text document on the "desktop" of this device titled, "myth" that had the words, "I have love you all with all of my heart". Later examination of this device showed this text document had last been saved on December 14, 2014 at 4:10 PM, but an "Autosaved" version of this document, (the opened document) had been last saved on December 25, 2014 at 1:18 PM. Testing on a different Apple MacBook found that text documents created, then saved and opened at a later time and had changes made to the document, will be "Autosaved" after 60 seconds of inactivity. Photographs of the above described were taken and added to this report. This computer was kept in its "awake" state and transported to the ECU by Detective Olson for forensic examination.

### MacBook photos

Detective Tommie Booth with the Apple Valley Police Department, submitted and Examination Request for digital evidence gathered at 1051 Ramsdell Drive. The



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examination request was pursuant to a search warrant. Detective Booth provided the Dakota County ECU with a copy of the examination request form and search warrant. Use the following links to view the search warrant and examination request:

- [Search Warrant](#)
- [Examination Request Form](#)

The following items related to this case were received by the Dakota County Electronic Crime Unit:

<b>Item Number</b>	<b>Description</b>
01	Black Apple iPhone 4 model A1332 s/n DX6KVRPLDP0N0 with green case, AT&T provider
02	AT&T micro SIM card s/n 89011405276563362040 from Item 01
03	White Apple iPhone 5S model A1533 IMEI:013852006535032, AT&T provider
04	AT&T nano SIM s/n 89014103277456360911
05	Apple MacBook Pro model A1286 s/n C02F40F7DF8X with black case
06	16GB blue USB drive from Item 05
07	Apple iMac computer model A1225 s/n QP91606U0TL with keyboard and mouse
08	Western Digital 640GB hard drive s/n WMASY7285127 from Item 07
09	Western Digital MY BOOK STUDIO external hard drive s/nWCAWZ1854282 "GSA" written on the outside
10	G-Technology 3TB external hard drive s/n YHGXHJJA "GSB" written on it
11	Lacie external hard drive s/n 301442U192003778 with "BX" written on it
12	Lacie external hard drive s/n 301500U1103800434 with "HHP" written on it
13	Black Western Digital MY BOOK ESSENTIAL external hard drive s/n WCAWZ0552468
14	Amazon Kindle Fire, model # C9R6QM FCCID S2F-8560
15	Black 128 GB Microsoft Surface Pro with Pink keyboard s/n 015234633653
16	Lacie Rugged external hard drive with an orange rubber case, model RUG F WSA s/n 13741102262221QR
17	Password list "GS/GSTR password list" with a yellow "post it" note



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18	Black Seagate 320 GB portable hard drive s/n 2GH2A59K
19	Seagate Free Agent 1 TB External Hard Drive s/n 2GEWVQEP
20	Password list
21	Gray Lacie external hard drive with no visible s/n. black lettering on the case "Iron Enema"
22	Lexar SD card reader s/n 049285
23	16 GB SanDisk Compact Flashcard mounted inside Item 22
24	Misc. power cords
25	Sima "mini 50-in-1" SD card reader
26	SanDisk Micro SD adapter inside item 25
27	64 GB SanDisk Ultra Micro SD card inside Item 26
28	Toshiba 500 GB External Hard Drive with "family pictures" written on the case
29	USB 2.0 card reader
30	Maxtor 750 GB external hard drive s/n/ 2HA1Y1Y8
31	Blue and White USB thumb drive
32	Blue "skilcraft" USB thumb drive
33	Western Digital 3 TB Green internal hard drive s/n WMC1T0817247
34	Western Digital 3 TB Green internal hard drive s/n WMC1T0902437
35	Black Pelican 1495 case with the words "Hot Head Productions" and "Heil" written on the outside containing six 3TB external hard drives.

Pre-examination procedures were conducted, including documenting and photographing the items.

- iMac photos
- Scene photos
- Misc. photos

Cellular phone forensics software/hardware from Cellebrite was used to extract data from Item 01 (iPhone). When conducting the extraction precautions were taken to make sure the device was not allowed to connect to the network. Specifically, a cellular disruption device was powered on prior to the phone being powered on. This prevented the phone from connecting to the cellular network. Once powered on, the phone was placed into "airplane mode". The cellular disruption device was then powered off and the data was extracted. The extraction was conducted with Item 01 (iPhone) containing Item 02 (Nano SIM card). Data extracted included Phone Book, SMS, MMS, Email, IM, Calendar, Apps Data, Pictures, Audio/Music, Videos, Ringtones, Call Logs, and Browsing Data.



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Data from an application titled "DayOne" was found. Some of the actual entries were still on the phone. These journal entries were exported into a readable form. This device appeared to have been owned and used by Mr. Crowley. The text messages found on the device and "DayOne" entries indicated illegal drug use by the Crowley's. This information was forwarded to Detectives at the Apple Valley Police Department for further follow-up. Mr. Crowley also indicated in his journaling, he would stay up for many hours "screen writing" for a movie he was working on. A review of the timeline on this device showed it was last used on 12-25-14. Use the following link to view the Cellebrite report

[Cellebrite Logical HTML, PDF, UFDR](#)  
[Cellebrite File System HTML, PDF UFDR](#)  
[DayOne Spread sheet](#)  
[DayOne PDF exports](#)  
[DayOne zip exports](#)

Item 3, an Apple iPhone 5s, was found to be locked with a 4 digit code that was not known and no data was able to be extracted from this device.

Items 05 and 07, which were found to be the main devices used by David Crowley. The hard drive contained within item 07, (item 08) was removed from item 07 by Detective Jacobson. These items were examined by Detective Vaughn. See the following links for the reports pertaining to items 05 and 08.

[Item 05 Blacklight report](#)  
[Item 08 Blacklight report](#)  
[Detective Vaughn narrative](#)

Items 09,10,11,12 and 13 were external hard drives connected to Item 07. These drives were in a "RAID" configuration specific to Item 07. Because of the "RAID" configuration, an individual forensic image of each device could not be achieved. It was determined the drives would be connected to Item 07 as they were discovered in the Crowley home on January 17, 2015 to preview the contents. This computer and hard drives contained data relating to movie production and editing. Nothing further was done with these items.

Forensic software/hardware from Cellebrite was used to extract the data contained within Item 14. No information relating to the deaths of the Crowley Family was found on this item.



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The contents of items, 06, 15 and 18 were examined by creating a forensic image of the data contained within them using Access Data FTK Imager.

Item 15 was found to be locked with a passcode with the device was powered on. Using a list of passwords collected at the Crowley residence on January 17, 2015, the proper password was found and used to unlock the device. Because the internal drive cannot be removed from this device, Access Data FTK Imager Lite was used to create a forensic image of the data contained within this device. Forensic software from GetData's Forensic Explorer was used to examine the forensic images of Items 06, 15 and 18. No information relating to the deaths of the Crowley family was found.

### FEX report

Many other devices were previewed using physical "write blockers", which protect the devices being previewed from having any data written to or deleted from them. No information relating to the deaths of the Crowley family was discovered. The items that were labeled or appeared to be related to movie production were not previewed.

### **Conclusion**

After reviewing all pertinent pieces of evidence, no information was found specifically related to the deaths of the Crowley family. Information was found that pointed to drug use between Mr. and Mrs. Crowley and journal entries found on Mr. Crowley's phone indicated many sleep deprived days for Mr. Crowley.

Evidence logged into the ECU was released and transported to the Apple Valley Police Department by this Detective.