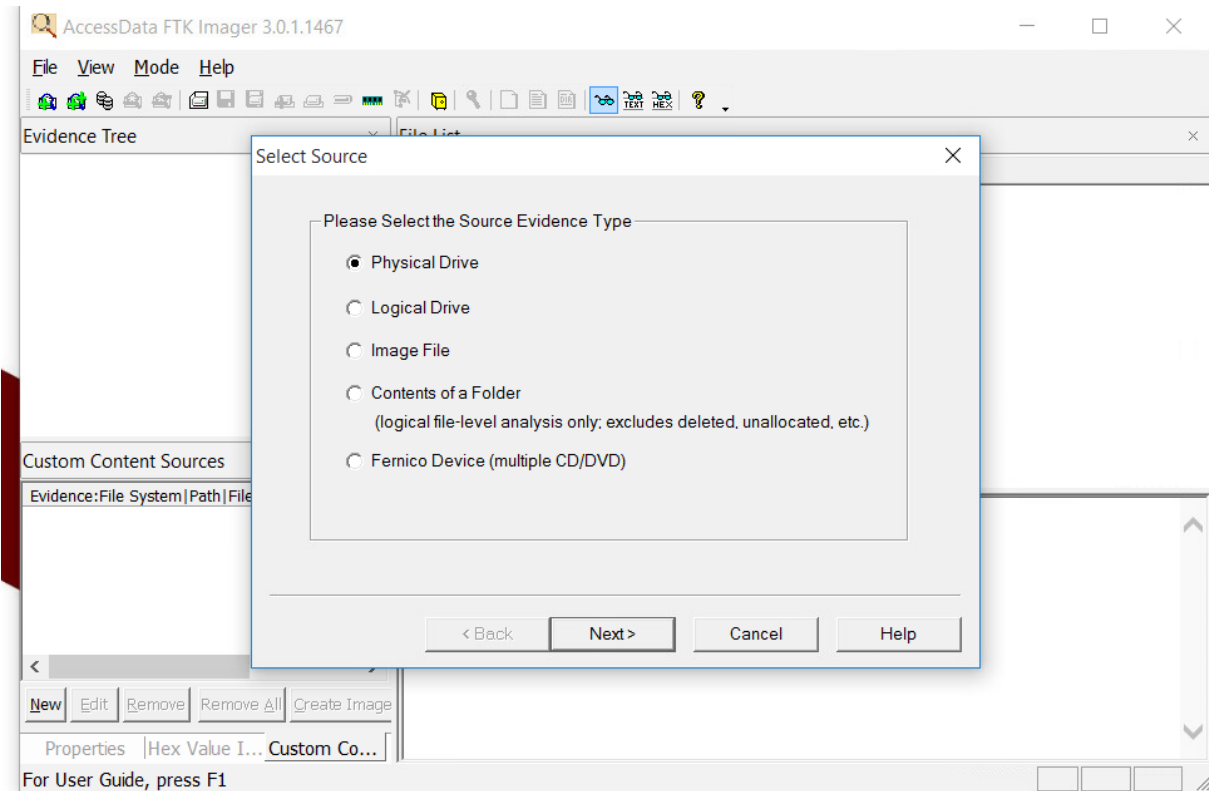


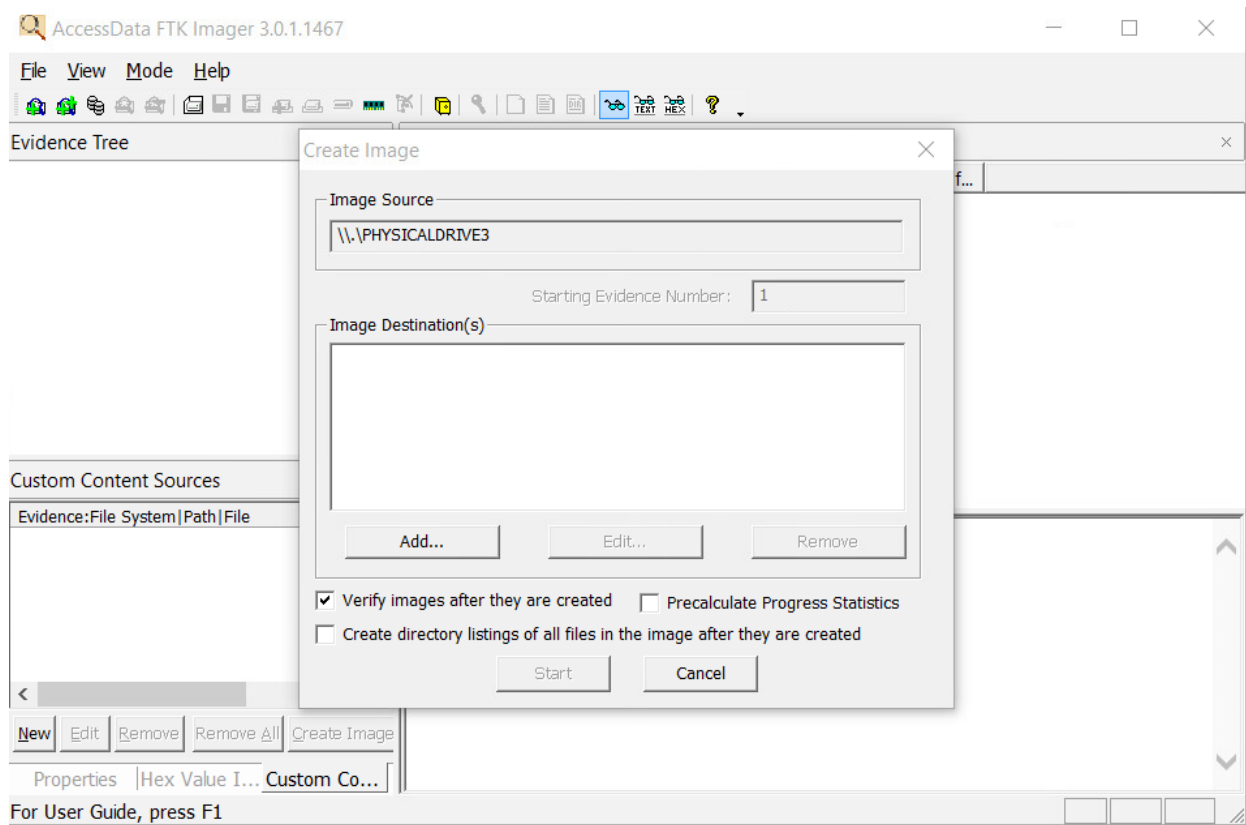
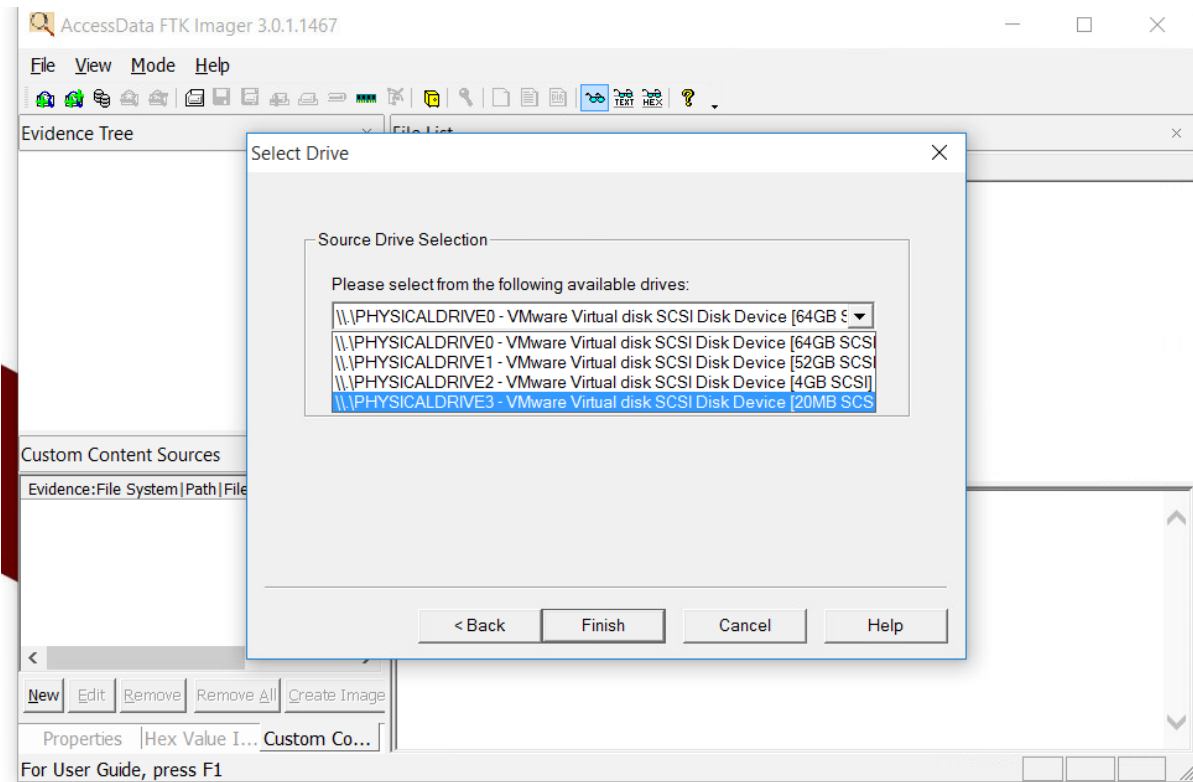
Create Image

Create a forensic image of the PHYSICALDRIVE3 (represents a 20MB flash drive) in DD (raw) format using FTK Imager using level 5 compression and no file segmentation.

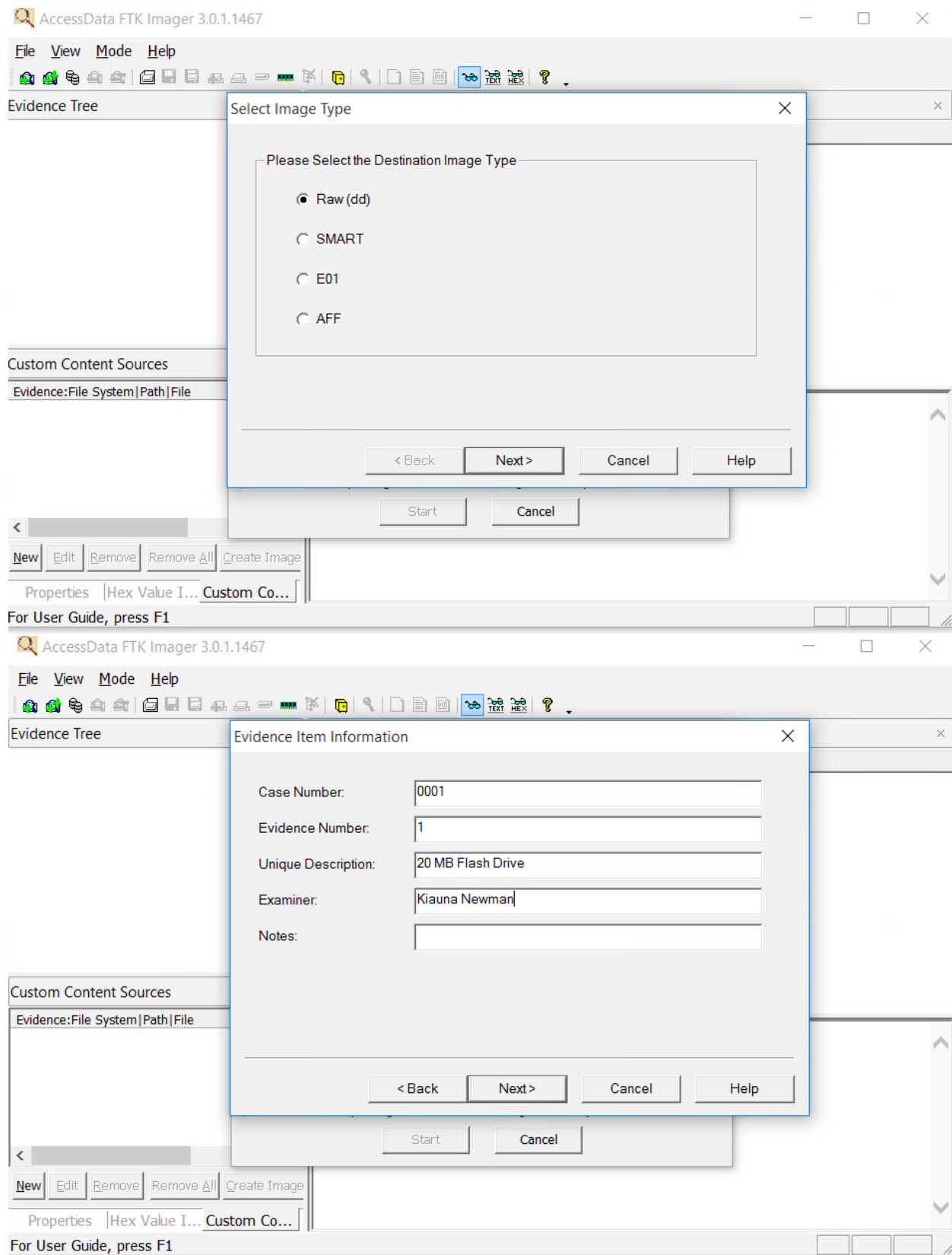
Create a Disk image from the file menu. Select Physical evidence as the source evidence type



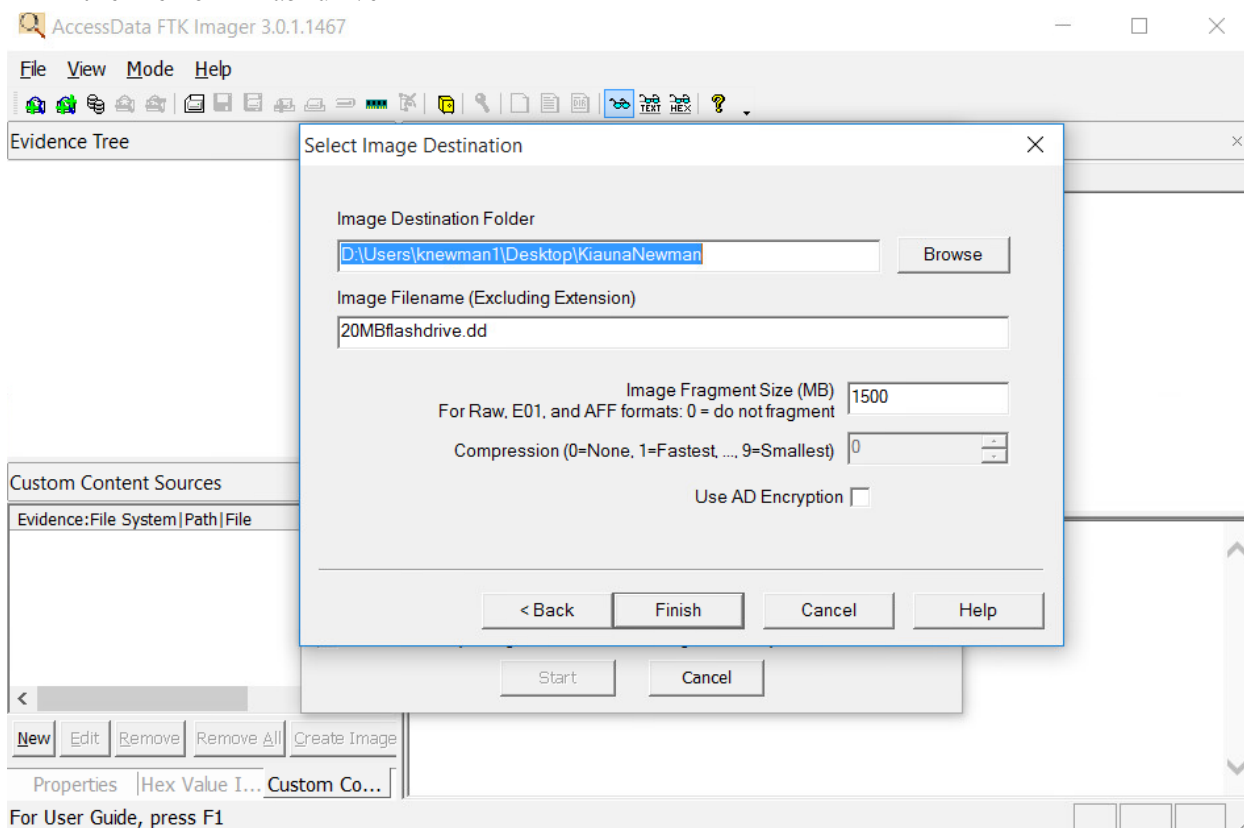
Select the PhysicalDrive 3



Choose Raw (dd) as destination image type. I also filled out the Evidence Item form.



I selected the folder I created with my first and last name as the image destination folder. I also named the file 20MBflashdrive



Verify the file name and path; start the process of creating the image.

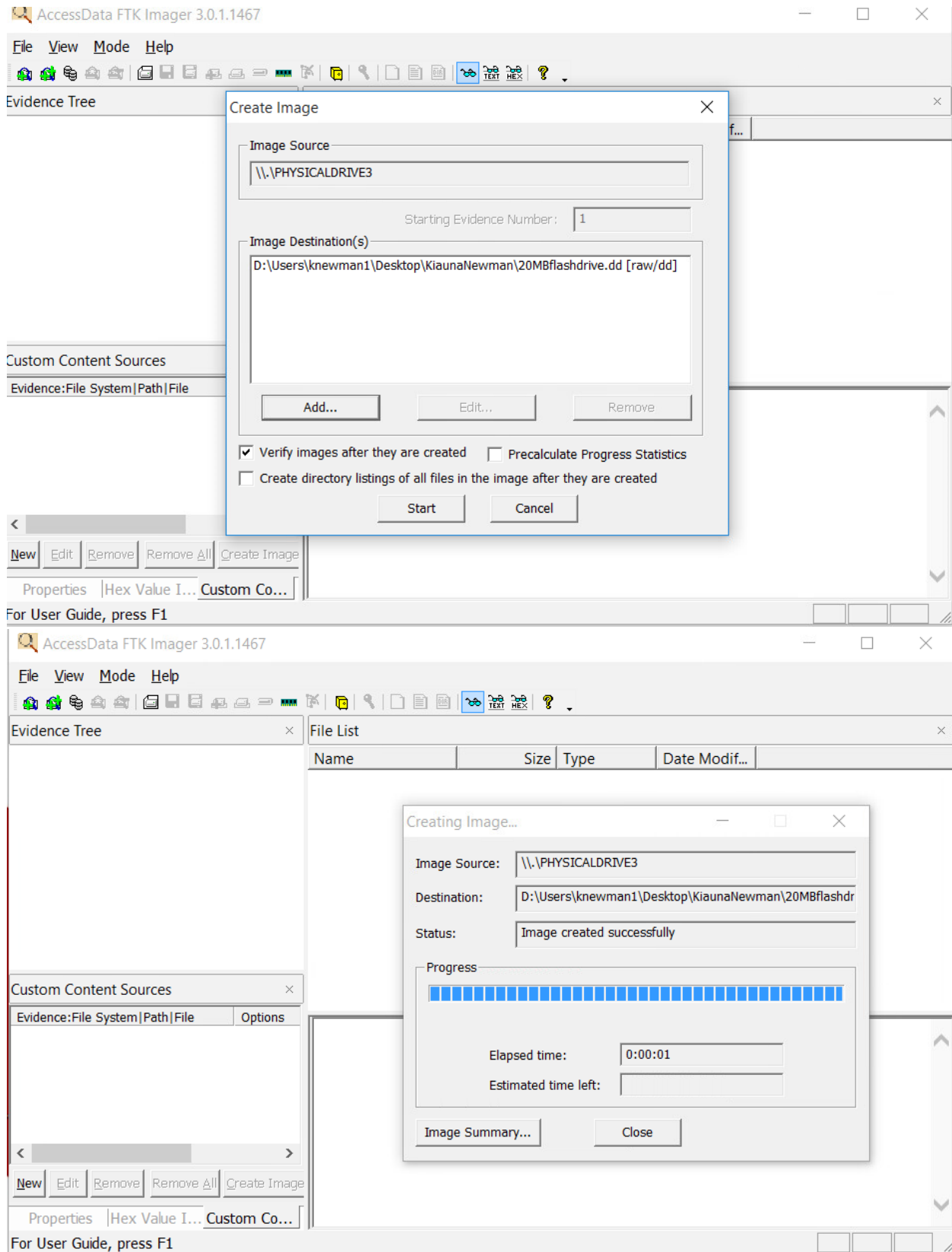


Image Summary

Drive/Image Verify Results

Name

20MBflashdrive.dd.001

Sector count

40960

MD5 Hash

Computed hash

e8f8b4d8c8e3349723f69952c0b0f22f

Report Hash

e8f8b4d8c8e3349723f69952c0b0f22f

Verify result

Match

SHA1 Hash

Computed hash

87566d1d01e008258b9aec1371d64027

Report Hash

87566d1d01e008258b9aec1371d64027

Verify result

Match

Bad Sector List

Bad sector(s)

No bad sectors found

Close

Another view of the image summary and a screenshot of the image file containing case information, details of the drive and the image information.

Drive/Image Verify Results

General	
Name	20MBflashdrive.dd.001
Sector count	40960
MD5 Hash	
Computed hash	e8f8b4d8c8e3349723f69952c0b0f22f
Report Hash	e8f8b4d8c8e3349723f69952c0b0f22f
Verify result	Match
SHA1 Hash	
Computed hash	87566d1d01e008258b9aec1371d6402772a45416
Report Hash	87566d1d01e008258b9aec1371d6402772a45416
Verify result	Match
Bad Sector List	
Bad sector(s)	No bad sectors found

20MBflashdrive.dd.001 - Notepad

File Edit Format View Help

Created By AccessData® FTK® Imager 3.0.1.1467 110406

Case Information:
Acquired using: ADI3.0.1.1467
Case Number: 0001
Evidence Number: 1
Unique description: 20 MB Flash Drive
Examiner: Kiauna Newman
Notes:

Information for D:\Users\knewman1\Desktop\KiaunaNewman\20MBflashdrive.dd:

Physical Evidentiary Item (Source) Information:
[Drive Geometry]
Cylinders: 20
Tracks per Cylinder: 64
Sectors per Track: 32
Bytes per Sector: 512
Sector Count: 40,960
[Physical Drive Information]
Drive Model: VMware Virtual disk SCSI Disk Device
Drive Interface Type: SCSI
Source data size: 20 MB
Sector count: 40960
[Computed Hashes]
MD5 checksum: e8f8b4d8c8e3349723f69952c0b0f22f
SHA1 checksum: 87566d1d01e008258b9aec1371d6402772a45416

Image Information:
Acquisition started: Sun Apr 15 20:14:31 2018
Acquisition finished: Sun Apr 15 20:14:32 2018
Segment list:
D:\Users\knewman1\Desktop\KiaunaNewman\20MBflashdrive.dd.001

The forensic image file and the image log file located in the folder, Kiauna Newman.

