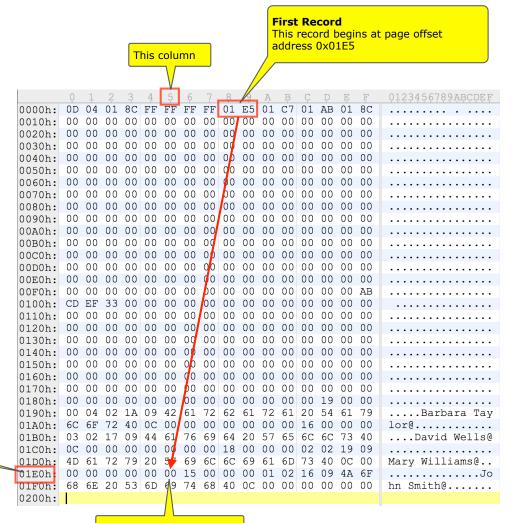
# DavisBase Page Format Example

CS-6360 Chris Irwin Davis

### Page Header

#### **Right Page Start of Content** This is page number of the leaf to the **Number of records** This is page offset value right. The value is -1 (0xFFFFFFFF) if There are 4 records on where the content begins this is the rightmost leaf page. this page. Type of page OD 04 01 8C FF FF FF FF 01 E5 01 C7 01 AB 01 8C This is a table leaf page 0080h: 00 00 00 00 00 00 00 00 00 00 00 00 0090h: 00 00 00 00 00 00 00 00 00 00 00 00 Array of Record Locations 00A0h: 00 00 00 00 00 00 00 00 00 00 00 00 This is the array of 2-byte record 00B0h: 00 00 00 00 00 00 00 00 00 00 00 00 location offsets. One of each of the four 00C0h: 00 00 00 00 00 00 00 00 00 00 00 00 records. They are sorted by their rowid 00D0h: 00 00 00 00 00 00 00 00 00 00 00 00 (i.e. PK) values. 00E0h: 00 00 00 00 00 00 00 00 00 00 00 00 0180h: 00 00 00 00 00 00 00 00 00 00 00 00 19 00 00 0190h: 00 04 02 1A 09 42 61 72 62 61 72 61 20 54 61 79 .....Barbara Tay 01A0h: 6C 6F 72 40 0C 00 00 00 00 00 00 16 00 00 00 lor@..... 01B0h: 03 02 17 09 44 61 76 69 64 20 57 65 6C 6C 73 40 ....David Wells@ 01C0h: 0C 00 00 00 00 00 00 18 00 00 00 02 02 19 09 01D0h: 4D 61 72 79 20 57 69 6C 6C 69 61 6D 73 40 0C 00 Mary Williams@.. 01E0h: 00 00 00 00 00 00 15 00 00 00 01 02 16 09 4A 6F ....Jo 01F0h: 68 6E 20 53 6D 69 74 68 40 0C 00 00 00 00 00 00 hn Smith@.....

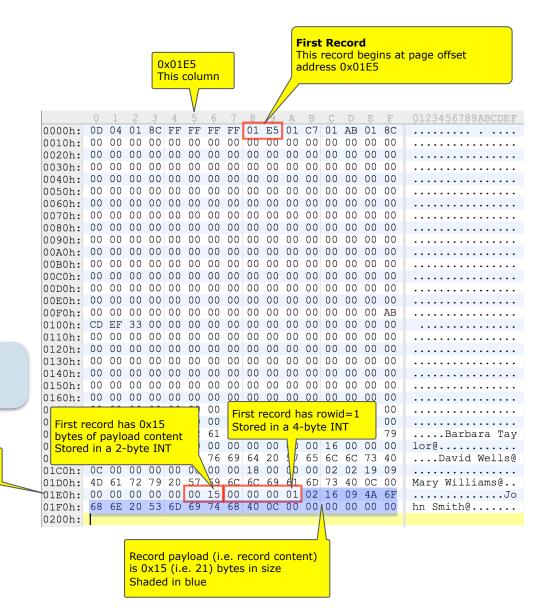
0200h:



First record begins here

This row

### Record Header



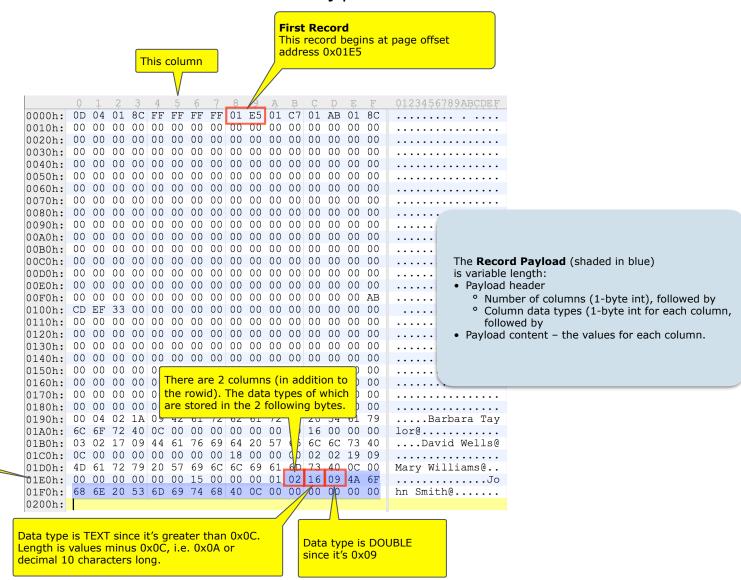
The **Record Header** is 6 bytes long:

- Length of payload (2-byte int)
- rowid (4-byte int)

0x01E5 This row

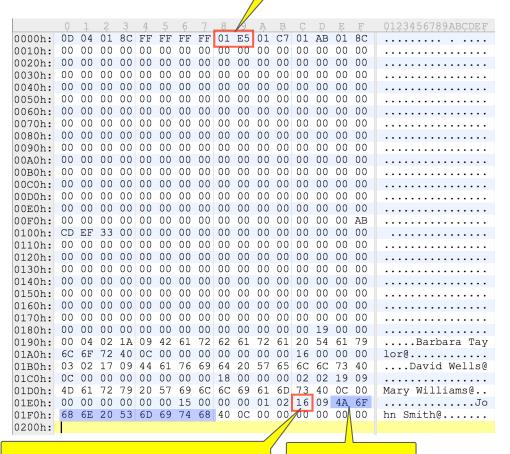
## Record Payload Columns and Data Types

This row



### Record Payload Content

### First Record This record begins at page offset address 0x01E5



Data type is TEXT since it's greater than 0x0C. Length is value minus 0x0C, i.e. 0x0A or decimal 10 characters long. The 0x0A, ten ASCII character string (shaded in blue).

### Record Payload Content

