v.buffer processing algorithm fails when using option "Name of column to use for buffer distances".

The v.buffer processing algorithm has an option "Name of column to use for buffer distances". This option is useless, because Grass requires a "layer" to be specified (e.g. "1", when the default is "-1", which means all layers), and as far as I can see the processing algorithm does not allow to specify the layer.

See output below.

```
... 
C:\PROGRA~1\QGIS3~1.2\bin>v.buffer input=vector_5b44604f92e7116 type="point,line,area" angle=0 column=cat scale=1 tolerance=0.01 -t output=outputae6bb217e084496cabf18ac4d297ed04 --overwrite 
ERROR: The bufcol option requires a valid layer.

C:\PROGRA~1\QGIS3~1.2\bin>v.out.ogr -c type="auto" input="outputae6bb217e084496cabf18ac4d297ed04" output="C:\Users\alistair\AppData\Local\Temp\processing_c1fa50c12d554ca1a5f64704b76c206c\36818b4836744d33b763fed661144855\output.shp" format="ESRI_Shapefile" --overwrite 
ERROR: Vector map <outputae6bb217e084496cabf18ac4d297ed04> not found
... 
```

P.S. the option isn’t actually “bufcol” as printed in the error message - I guess that is an upstream copy/paste error from when the GRASS team were messing around with different versions of v.buffer.

Associated revisions

Revision bfb60e4d - 2019-01-24 08:01 PM - Alexander Bruy

[processing] fix GRASS v.buffer algorithm for case when buffer distance is taken from the field (fix #19377)

Revision a90fb87c - 2019-01-25 11:49 AM - Alexander Bruy

Merge pull request #8973 from alexbruy/grass-buffer

[processing] fix GRASS v.buffer algorithm for variable buffer case (fix #19377)

Revision 33319595 - 2019-01-25 01:34 PM - Alexander Bruy
[processing] fix GRASS v.buffer algorithm for case when buffer distance is taken from the field (fix #19377)

(cherry picked from commit bfb60e4dc70310eae0e3b2ef9200c3b78164c6f4)

**History**

**#1 - 2018-12-05 04:45 AM - Alister Hood**
- Regression? changed from No to Yes
- Priority changed from Normal to High

Actually, this is a regression, because 2.18.x has a working v.buffer.column algorithm.
Still a problem in 3.4.2

**#2 - 2018-12-06 10:44 AM - Giovanni Manghi**
- Assignee set to Giovanni Manghi
- Affected QGIS version changed from 3.2 to 3.5(master)

**#3 - 2019-01-24 08:06 PM - Alexander Bruy**
- Status changed from Open to In Progress
- Pull Request or Patch supplied changed from No to Yes
- Assignee changed from Giovanni Manghi to Alexander Bruy

PR https://github.com/qgis/QGIS/pull/8973

- Status changed from In Progress to Closed
- % Done changed from 0 to 100

Applied in changeset commit:qgis|bfb60e4dc70310eae0e3b2ef9200c3b78164c6f4.

**#5 - 2019-01-25 12:02 PM - Alexander Bruy**
- Resolution set to fixed/implemented