



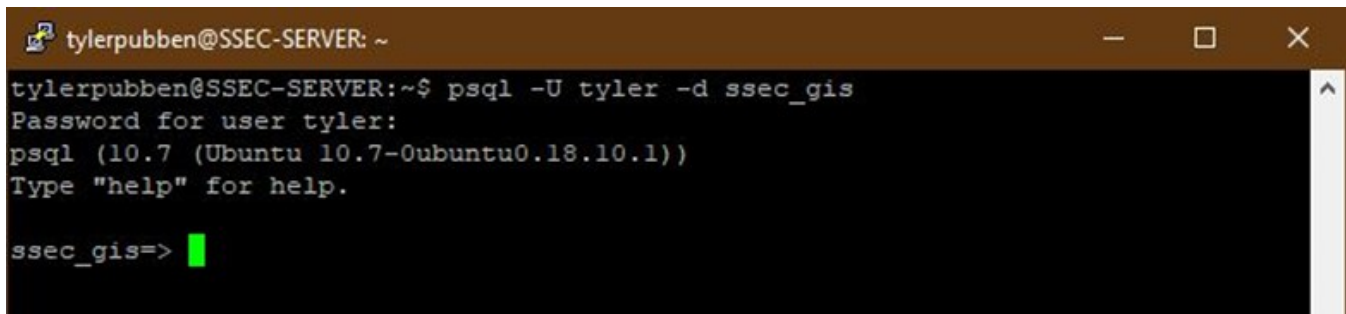
Logging in to PostgreSQL database on Linux terminal

Posted on April 11, 2019 by Tyler Pubben

This section assumes command line access to the PostgreSQL server from a terminal window. The server used in this section is running Ubuntu Linux 18.10.

To Log into your user account in the database:

```
psql -U <postgre username> -d <dbname>
```



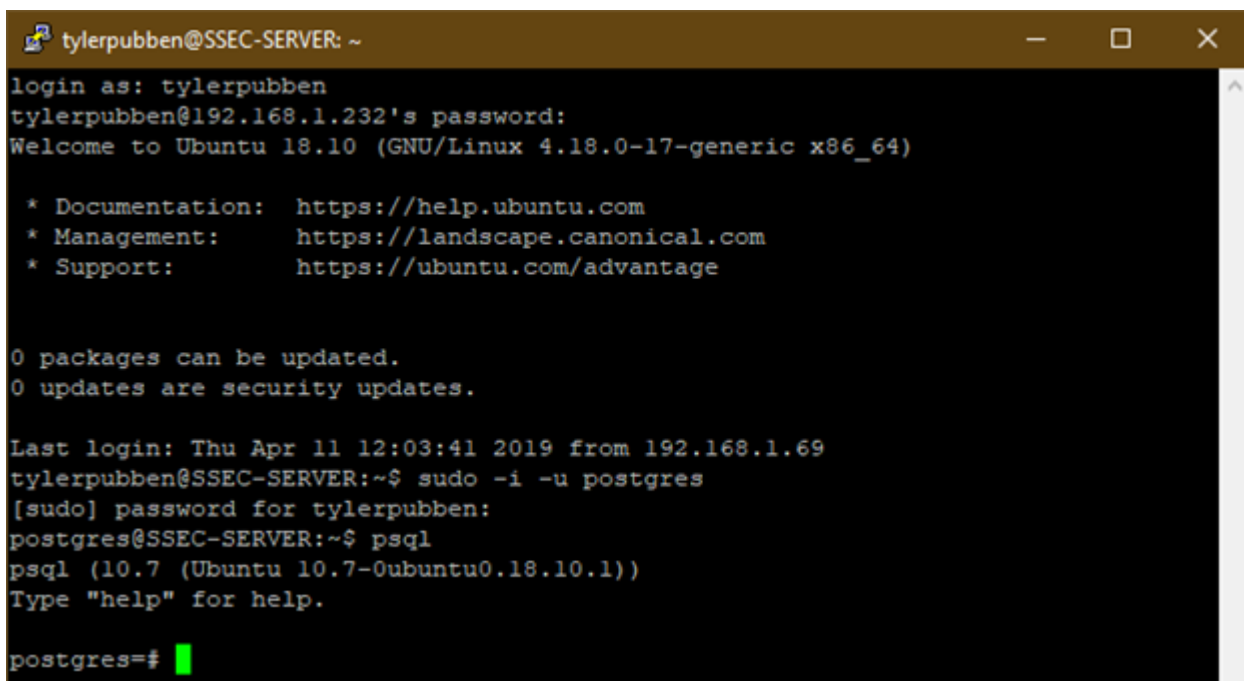
```
tylerpubben@SSEC-SERVER: ~  
tylerpubben@SSEC-SERVER:~$ psql -U tyler -d ssec_gis  
Password for user tyler:  
psql (10.7 (Ubuntu 10.7-0ubuntu0.18.10.1))  
Type "help" for help.  
  
ssec_gis=>
```

Logging in to root PostgreSQL user account

If you are the database administrator and need access to the root PostgreSQL user account, the method is slightly different.

At the terminal window:

```
sudo -i -u postgres
```



```
tylerpubben@SSEC-SERVER: ~  
login as: tylerpubben  
tylerpubben@192.168.1.232's password:  
Welcome to Ubuntu 18.10 (GNU/Linux 4.18.0-17-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
0 packages can be updated.  
0 updates are security updates.  
  
Last login: Thu Apr 11 12:03:41 2019 from 192.168.1.69  
tylerpubben@SSEC-SERVER:~$ sudo -i -u postgres  
[sudo] password for tylerpubben:  
postgres@SSEC-SERVER:~$ psql  
psql (10.7 (Ubuntu 10.7-0ubuntu0.18.10.1))  
Type "help" for help.  
  
postgres=#
```



Once logged in as postgres, it is possible to log into the PostgreSQL database cluster and connect to your database to make alterations as needed.

- 1. Type “psql” into the terminal
- 2. Type “\connect <databasename>” into the sql prompt

```
tylerpubben@SSEC-SERVER: ~
postgres@SSEC-SERVER:~$ psql
psql (10.7 (Ubuntu 10.7-0ubuntu0.18.10.1))
Type "help" for help.

postgres=# \connect ssec_gis
You are now connected to database "ssec_gis" as user "postgres".
```

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Geologists

Isotube gas samples taken at 2525m, 2921m, 3450m, 3917m, 4304m, 4830m, 5338m

Continental chromatograph operated from 1850m to 5350m (TD). Heal: 2396m MD, 2596.6m TVD, -1363.6m SS

Map View New Survey Set Upload File

As Drilled ViewEdit Delete

Proposed ViewEdit Delete

Formation	Prog MD	Prog SS	Actual MD	Actual SS
Base Fish Scale	545.23	47.0	545.35	44.9
Pack	826.64	-124.0	826.62	-127.58
Cable	865.04	-159.0	866.99	-162.03
Hansen	947.18	-194.0	915.12	-201.29
Mudstone	949.17	-211.0	943.38	-212.36
Fisher	1019.77	-293.0	1029.49	-297.22
Wish	1239.69	-480.0	1234.49	-486.7
Blundy	1352.32	-681.0	1350.39	-691.87
Goth	1383.5	-698.0	1378.21	-696.32
Codomin	1516.6	-725.0	1524.39	-734.26
Nikanass	1553.24	-755.0	1558.8	-763.43
Fertis	1587.88	-785.0	1584.21	-793.09
Niddeg	1686.03	-870.0	1683.04	-867.79
Bolton	1718.36	-894.0	1714.88	-894.67
Charlie Lake	1754.15	-929.0	1751.82	-926.67
Boundary Lake	1831.82	-998.0	1833.16	-994.83
Halfway	1969.76	-1154.0	1969.09	-1113.8
Dog	1991.23	-1132.0	1992.83	-1134.23
Dog Phosphate	2071.12	-1199.0	2067.54	-1197.19
Dog Basal	2077.08	-1204.0	2072.87	-1202.09
Martney	2103.31	-1226.0	2096.61	-1224.03
Martney Q2	2296.67	-1348.0	2296.12	-1344.04
Martney Q2 Temp 3 Top	2354.04	-1361.5	2345.13	-1359.26

Mud Info

Depth	Density	Viscosity	WL	gR	PVT
871.0	1070.0	31.0	None	10.0	96.9
848.0	1080.0	31.0	None	10.0	92.0
799.0	1080.0	30.0	None	10.0	92.7
1103.0	1080.0	30.0	None	10.0	96.0
1246.0	1080.0	30.0	None	10.0	93.4
1411.0	1105.0	30.0	None	9.5	90.0
1500.0	1145.0	30.0	None	9.5	74.6
1643.0	1145.0	30.0	None	9.5	73.1
1729.0	1142.0	30.0	None	9.6	96.1
1947.0	1142.0	30.0	None	10.0	87.6
2000.0	2145.0	10.0	0.0	0.0	100.0

Casing Info

Stage	ID (mm) / OD (mm)	Weight (kg/m)	Set Depth	Number of Joints	Start / End
Surface	219.1 / 265.0	35.72	502.0	48	None / None
Production Casing	114.3 / 97.16	22.67	5342.06	424	None / None

Daily Ops

Date	Start - End	Description
Feb. 26, 2021	08:00 - 10:00	Remove casing equipment and install elevators. Install BPU, seal assembly, install casing vent and valves. Install BOP quick adapter flange on next well with Cameron. Move shale bin, catwalk and shuffle matting. Rig Release 13:00hrs SS Pump & burst airlock sub @ 19.5 mpa, 16 lateral section and circulate bottoms up through degasser. (Catch pump pressure at 22m3) Hold weekly determined safety meeting with Sargel cementers, rig crew and Brohoff Wellsite Leader. Rig in Sargel cement head / iron to 40MPa, good. Current production casing with Sargel Pump 0.6m3 of fresh water ahead and pressure test surface lines to 40 MPa. Pump 10m3 of pre-flush Viscoep DM 15 @ 1200kg/m3. Pump 30.0m3 (28) of EXPANDON PRO LT + 0.60% CPL 4 + 0.30% LTR + 0.20% ADM 5 + 0.20% CDF 6P Level slurry at 1850kg/m3. (2 1960mMD Calculated)
Feb. 26, 2021	20:00 - 20:00	

Isotubes/Jars

Isotubes

Depth	Date and Time	Gas Reading	Mud Type
2508.0	Feb. 18, 2021 06:27	1536.0	Brine
2601.0	Feb. 18, 2021 13:48	415.0	Brine
3490.0	Feb. 20, 2021 07:36	382.0	Brine
3917.0	Feb. 20, 2021 23:08	829.0	Brine
4364.0	Feb. 22, 2021 14:44	956.0	Invert



What is the geoportal? Silver Spring Energy Consulting Ltd. has developed a full geological reporting platform for our clients and third party consulting firms. It is a database driven platform for storing, sharing and generating standardized reports for wells as they are drilled. Version 2.0 of Geoportal was released on February 22 2021. Version 2.0 [...]

Recycling bags and vials to reduce cost and waste!

Posted on November 18, 2019 by admin

Silver Spring Energy Consulting Ltd. has partnered with Dynacore Solutions and Birchcliff Energy to re-use plastic sample vials and canvas sample bags that would otherwise waste space in storage or landfills. It may only be a small initiative, but this winter alone we will be re-using nearly 600lbs of plastic on one project alone and [...]

Introducing our new wellsite geology portal!

Posted on November 11, 2019 by Tyler Pubben



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