Petroleum Guide

"Getting Data is a big problem"

Students & Professional who are working in the field of **Research/ Project** getting Data of Oil & Gas field is one of the major problems.

So hereby, providing a collection of data sets!!

1. **Reservoir Models Dataset:** The dataset represents a sector of a real field situated in the Western Siberia, which consists of 1 500 black oil reservoir models. The field produced oil, starting from 2003 to 2017, from the Jurassic formation. (On Request Access)

   Link: https://hwtpu.info/en/dataset/

2. **Volve Field Data Set:** The dataset comprises approximately 40,000 files from the Volve field, which was in production from 2008 to 2016. The data has been released to give students and scientists a realistic case to study. Our intention is to support learning, innovation and new solutions for the energy future.

   Link: https://www.equinor.com/en/what-we-do/digitalisation-in-our-dna/volve-field-data-village-download.html

3. **Wells, Logs, Core, and other databases:** The dataset comprises of repository of various Data Resource Library, Kansa Geological Sample Repository, Drill Core Library, Oil & Gas production datasets, Production data through April 2021 added August 2, 2021, Wireline Logs and Geologist's Report, Core analysis data and other various datasets.

   Link: https://www.kgs.ku.edu/PRS/petroDB.html

4. **Petrel Practice Datasets:** The dataset comprises of various files helpful for practicing Petrel Software.

   Link: https://www.mediafire.com/folder/szcwqc8z1ttx1/Petrel_Practice_Data

5. **SPE Data Repository:** This dataset is provided by the SPE.

   Link: https://www.spe.org/datasets/

6. **CMG Tutorial Data:** This dataset comprises of CMG Software, CMG provides reservoir simulation software, including thermal, compositional, black oil and enhanced oil recovery processes, that helps oil and gas recovery.

   Link: https://cutt.ly/AEwbbDC

7. **CMG, Eclipse and other Reservoir models:** This dataset comprises of CMG, Eclipse and other Reservoir Models.

   Link: https://www.unisim.cepetro.unicamp.br/benchmarks/br/unisim-i/unisim-i-h

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8. **Well Dataset:** This comprises of various well datasets.

   Link: https://www.mseel.com/data/Wells_Datasets/

9. **Open Geophysics data:** This contains all information of open geophysics data.

   Link: https://wiki.seg.org/wiki/Open_data

10. **Geothermal Data Repository:** The Utah FORGE (Frontier Observatory for Research in Geothermal Energy) laboratory, near Milford, Utah, comprises a large volume of hot crystalline granite between two deep directionally drilled wells at around 8000 feet depth below the surface. Data used in this visualization (Well location & Drilling Data).

    Link: https://gdr.openei.org/forge

11. **State map GIS Database**: This directory contains various GIS databases that were created for Bureau STATEMAP research projects. Specific information for each database is in the metadata in the zipped file.

    Links: https://www.beg.utexas.edu/research/areas/geologic-mapping

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