Access to Technical Data

Public data stored in the BDEP can be accessed by three types of users: members, occasional users and universities, according to ANP's regulatory rules.

Member users are those who signed the "Terms of Use of the BDEP", effective for one year, which gives the right to appoint two registered users of the same company. There are four association plans available, which vary in data volume and price.

Occasional users have access upon payment for each public data request, following the prices per unit established by the ANP (see table below).

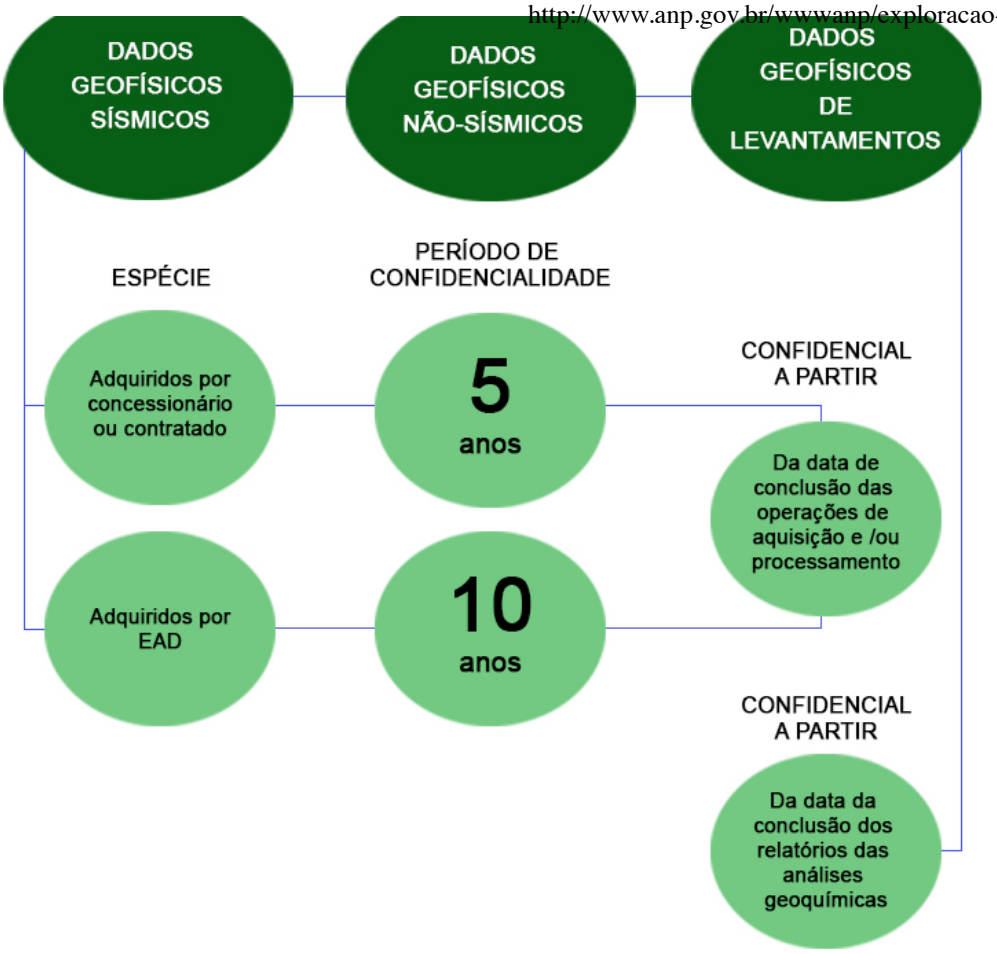
For universities and research institutions, the ANP has a free-data-transfer policy, intended for students and researchers involved in academic and research projects of different lines and programs, such as: Agronomy, Computer Science, Geosciences and Civil, Chemical, Sanitary and Petroleum Engineering.

– Confidentiality of data

The technical data and information acquired in the exploration and production of oil and natural gas in Brazilian sedimentary basins are subject to a confidentiality period, as shown below.

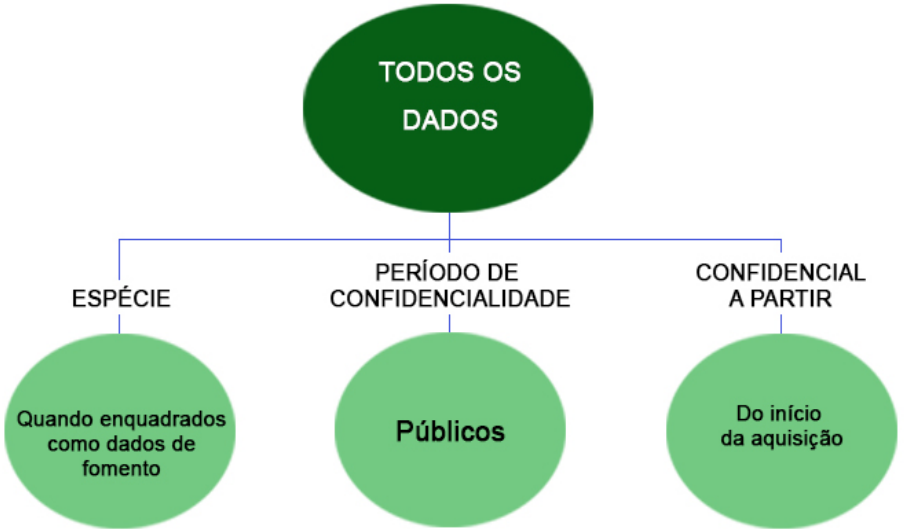
The confidential data stored in the BDEP are not made available unless the requester is the company who acquired the data or in other conditions specified in the resolution ANP Resolution No. 11/2011 (http://nxt.anp.gov.br/NXT/gateway.dll?f=templates&fn=default.htm&vid=anp:10.1048/enu) The public data can be accessed by any individual or legal entity concerned.

The table below summarizes the period of confidentiality of technical data stored in the ANP

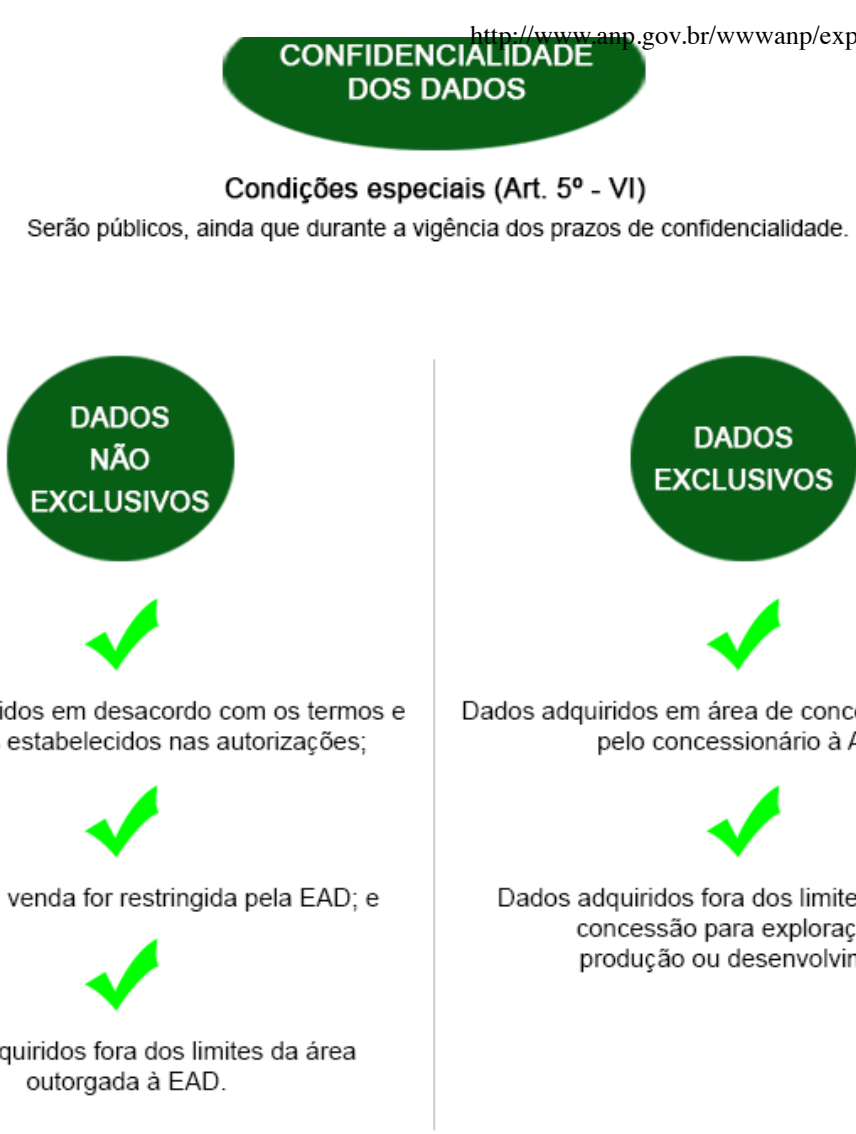

DADOS GEOFÍSICOS SÍSMICOS
DADOS GEOFÍSICOS NÃO-SÍSMICOS
DADOS GEOFÍSICOS DE LEVANTAMENTOS
ESPÉCIE
PERÍODO DE CONFIDENCIALIDADE
Adquiridos por concessionário ou contratado
5 anos
CONFIDENCIAL A PARTIR
Da data de conclusão das operações de aquisição e /ou processamento
Adquiridos por EAD
10 anos
CONFIDENCIAL A PARTIR
Da data da conclusão dos relatórios das análises geoquímicas


DADOS INTERPRETADOS
ESPÉCIE
PERÍODO DE CONFIDENCIALIDADE
CONFIDENCIAL A PARTIR
Todos sem fins comerciais
20 anos
Da data da conclusão dos trabalhos


DADOS INTERPRETADOS: COMERCIAIS E REPROCESSAMENTO DE DADOS
ESPÉCIE
PERÍODO DE CONFIDENCIALIDADE
CONFIDENCIAL A PARTIR
Sobre dados públicos
5 anos
Da data da conclusão dos trabalhos



Other conditions, in addition to the time elapsed since the completion of the data acquisition, which alter the confidentiality:



− Access costs

Any and associated users can choose to access plans as shown below

MEMBER USER – BASIC SERVICE				
SERVIÇOS	**ANP1**	**ANP2**	**ANP3**	**ANP4***
Cost of the plan	**R$ 430.830,00**	**R$ 179.030,00**	**R$ 79.260,00**	**R$ 30.820,00**
Cash payment (10% off)	**R$ 387.750,00**	**R$ 161.130,00**	**R$ 71.340,00**	**R$ 27.740,00**
Monthly payment (12 equal and successive installments)	**R$ 35.902,50**	**R$ 14.919,17**	**R$ 6.605,00**	**R$ 2.568,33**
Well log, well file, composite log, GWF, set (1 well file + 1 composite log), set (1 GWF + 1 composite log), 1 GB of post-stack seismic, 10 GB of pre-stack seismic or basic curves in LAS (4 curves)	**300 units**	**110 units**	**46 units**	**46 units**
Use of client room	**21 hours**	**14 hours**	**7 hours**	**7 hours**

ADDITIONAL DATA					
SERVICES		**ANP1**	**ANP2**	**ANP3**	**ANP4***
1 GB of post-stack seismic		**R$ 560,00**	**R$ 840,00**	**R$ 1.120,00**	**R$ 280,00**
10 GB of pre-stack seismic		**R$ 560,00**	**R$ 840,00**	**R$ 1.120,00**	**R$ 280,00**
Well log		**R$ 570,00**	**R$ 860,00**	**R$ 1.150,00**	**R$ 280,00**
Composite log		**R$ 520,00**	**R$ 780,00**	**R$ 1.040,00**	**R$ 260,00**
Well file		**R$ 450,00**	**R$ 670,00**	**R$ 910,00**	**R$ 220,00**
GWF – General Well File		**R$ 320,00**	**R$ 490,00**	**R$ 650,00**	**R$ 160,00**
Set		**R$ 900,00**	**R$ 1.350,00**	**R$ 1.810,00**	**R$ 450,00**
Basic Curves in LAS		**R$ 620,00**	**R$ 930,00**	**R$ 1.240,00**	**R$ 310,00**
Use of client room (additional hour)		**R$ 200,00**	**R$ 300,00**	**R$ 400,00**	**R$ 100,00**
NON-SEISMIC METHODS					
SERVICES		**ANP1**	**ANP2**	**ANP3**	**ANP4***
Projects not hired by the ANP					
Historic Data (Pre-1998)		**R$ 300,00**	**R$ 300,00**	**R$ 300,00**	**R$ 300,00**
Exclusive and non-exclusive data (Post-1998)		**R$ 460,00**	**R$ 460,00**	**R$ 460,00**	**R$ 460,00**
Projects hired by the ANP					
ANP – Ground Surveys (price per project)		**R$ 460,00**	**R$ 460,00**	**R$ 460,00**	**R$ 460,00**
	1º ano	**2º ano**	**3º ano**	**4º ano**	**5º ano**
ANP – Price (R$ / linear Km)**	**R$ 2,00**	**R$ 2,00**	**R$ 1,00**	**R$ 1,00**	**R$ 0,50**
MEDIA					
3590 Cartridge			**R$ 158,99**		
3592 Cartridge			**R$ 492,00**		
CD			**R$ 2,80**		
DVD			**R$ 4.57**		
OCCASIONAL USER					
GB of post-stack seismic			**R$ 1.410,00**		
10 GB of pre-stack seismic			**R$ 1.410,00**		
Well log			**R$ 1.440,00**		
Composite log			**R$ 1.300,00**		

Well file	**R$ 1.130,00**
GWF – General Well File	**R$ 800,00**
Basic Curves in LAS (4 curves)	**R$ 1.550,00**
CD of geological / geophysical studies	**R$ 580,00**
Data printing (per A0 sheet)	**R$ 700,00**
Use of client room (per hour)	**R$ 500,00**
Geochemical Analysis of Wells	**R$ 370,00**
Technical support to client room	**R$ 300,00**

*** Only for small producers**

**** Cost of aerial surveys hired by the ANP, provisioned in Resolution No. 46/2007 of 12/12/2007.**

Consult the general rules for the acquisition of data and access to public data:

ANP Resolution No. 11/2011 (http://nxt.anp.gov.br/NXT/gateway.dll/leg/resolucoes_anp/2011/fevereiro/ranp%2011%20-%202011.xml?f=templates&fn=document-frameset.htm&q=&uq=&x=&up=1&force=9201)

ANP Resolution No. 1/2015 (http://nxt.anp.gov.br/NXT/gateway.dll/leg/resolucoes_anp/2015/janeiro/ranp%201%20-%202015.xml?f=templates&fn=document-frameset.htm&q=&uq=&x=&up=1&force=2136)

+ Learn how technical data is sent to the ANP (/wwwanp/exploracao-e-producao-de-oleo-e-gas/dados-tecnicos/envio-de-dados-tecnicos-a-anp)

+ Learn more about the samples of rocks and fluids (/wwwanp/exploracao-e-producao-de-oleo-e-gas/dados-tecnicos/amostra-de-rochas-e-fluidos)

– Data collection

See below the technical data available for consultation in the collection of the ANP Exploration and Production's Database (BDEP)

– Wells data

All wells registered in the ANP, and their data, can be accessed through the Webmaps map system BDEP Webmaps (http://app5.anp.gov.br/link_webmaps/)) and through the wells table (http://www.bdep.gov.br/?dw=7275)

General Well File (GWF)

Digital extracts of wells data that were transferred to the ANP by Petrobras. It offers, in a structured txt file, the data contained in the respective well's file. This file type proves to be very useful in systematic studies in databases, and is available for most wells drilled by Petrobras until 2009.

Consolidation of Exploration Wells Data (CDPE)

Set of reports, notifications and communications sent to the ANP by the operating company of the contracted area. It contains metadata about the evolution of the well.

The CDPE consists of:

- **Well Drilling Notification (NPP)**

- **Well Completion Final Report (RFCP)**
- **Exploration Well Final Report (RFP)**
- **Well Abandonment Final Report (RFAP)**
- **Well Reentry Completion Notification (NCRP)**
- **Profiling Accomplishment Notification (NPR)**

Well File

Set of reports, records and/or descriptions accumulated over the "life" of a well. It includes geological, drilling and production data. The supplementary file "Table of possible contents for wells files" is a compilation of all document names that may be part of a well file. It is noteworthy that there is no mandatory minimum documentary content for these wells – only the operations performed in each of them was recorded.

A Superintendência de Dados Técnicos (SDT) da ANP reorganizou uma grande quantidade de pastas de poço perfurados antes de 1998.

Dessa forma, foram gerados índices de conteúdo armazenados em pastas compactadas, organizadas por bacia sedimentar.

Visualize a pasta relativa à bacia interessada e verifique os conteúdos das pastas de poço que podem ser solicitadas à ANP.

Bacia Acre (http://www.anp.gov.br/wwwanp/images/pdf/7202.zip)	Bacia Alagoas (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7204.zip)	Bacia Alagoas (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7205.zip)	Bacia Almada (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7206.zip)	Bacia Almada (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7207.zip)	Ba (http:/ /ww /|
Bacia Barreirinhas (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7210.zip)	Bacia Bragança Vizeu (http://www.anp.gov.br/wwwanp/images/pdf/7211.zip)	Bacia Camamu (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7213.zip)	Bacia Camamu (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7212.zip)	Bacia Campos (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7214(0).zip)	Bac (http:/ /ww /|
Bacia Cumuruxatiba (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7217.zip)	Bacia Cumuruxatiba (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7218.zip)	Bacia Espírito Santo (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7219.zip)	Bacia Espírito Santo (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7220.zip)	Bacia Foz do Amazonas (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7221.zip)	Bacia (http:/ /ww /|
Bacia Jatobá (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7225.zip)	Bacia Jatobá (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7226.zip)	Bacia Jequitinhonha (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7227.zip)	Bacia Jequitinhonha (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7228.zip)	Bacia Marajó (http://www.anp.gov.br/wwwanp/images/pdf/7229.zip)	Bac (http:/ /ww /|
Bacia Pará-Maranhão (http://www.anp.gov.br/wwwanp/images/pdf/7232.zip)	Bacia Paraná (http://www.anp.gov.br/wwwanp/images/pdf/7233.zip)	Bacia Parnaíba (http://www.anp.gov.br/wwwanp/images/pdf/7234.zip)	Bacia Pelotas (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7235.zip)	Bacia Pelotas (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7236.zip)	Baci (http:/ /ww /|
Bacia Potiguar (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7239.zip)	Bacia Recôncavo (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7240.zip)	Bacia Recôncavo (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7241.zip)	Bacia Santos (http://www.anp.gov.br/wwwanp/images/pdf/7242.zip)	Bacia São Francisco (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7243.zip)	Baci (http:/ /ww /|

Bacia Sergipe (Mar) (http://www.anp.gov.br/wwwanp/images/pdf/7248.zip)	Bacia Sergipe (Terra) (http://www.anp.gov.br/wwwanp/images/pdf/7249.zip)	Bacia Solimões (http://www.anp.gov.br/wwwanp/images/pdf/7250.zip)	Bacia Tucano Central (http://www.anp.gov.br/wwwanp/images/pdf/7252.zip)	Bacia Tucano Norte (http://www.anp.gov.br/wwwanp/images/pdf/7253.zip)	Ba (http:/ /ww /p

Composite Log

Combination of columns or tracks used to represent the log curves, encode the penetrated lithological column and display other information, providing a summary of the data acquired in well drilling. It has three parts: header, main body, and footer. This last part often brings information about the performing of formation tests through wireline or pipeline. Sometimes it contains tables related to the acquisition of data from seismic surveys on wells (time/depth) and information relating to the acquisition of side samples. Available for most of the exploration wells, from the earliest to the most recent.

Digital Logs

These are logs of the physical properties of rocks, graphically represented by curves in las, lis or dlis formats, which result from data acquired by sensors that run inside wells.

They are treated by the ANP as follows (ANP05 Standard):

1) Logging while drilling (LWD / MWD): in this case the sensors are coupled to the drillstring and generate data simultaneously with the drilling. They are of newer technology than the others;

2)Conventional logs: continuous recording logs obtained in open or lined wells;

3)Special logs: discrete sampling logs obtained in open and lined wells (well seismic, side sampling, cable testing etc.).

Associated to the digital logs are sent the tool schemes with the settings that run in the wells: well seismic reports, in case of well seismic performance, and directional data with the drilling's directional control data, in case of directional wells.

Available in most production and exploration wells.

Basic Curves in LAS

The las format is a less robust ascii file then the lis or dlis binary formats. It contains a header with acquisition parameters, followed by profiling measures arranged in columns separated by a blank space, with the first column containing an independent variable (time/depth). This format has the advantage of being viewed by a user without many software features. It contains only four curves to the user's choice, unlike the product "well log", where all curves are existent in the well.

The supplementary file "Table of basic curves" brings the main mnemonic of the basic curves. This product is usually available for most production and exploration wells drilled prior to the creation of the ANP.

Geological Monitoring Log (PAG)

Also called strip log or mud log report, it is a well log in pdf format, in which drilling-related parameters are represented, such as channel sample description, penetration rate, hydrocarbon evidences, among others. It's widely available for exploration wells drilled after November 2012.

Relevant legislation: ANP nº 37/2012 (http://nxt.anp.gov.br/NXT/gateway.dll/leg/resolucoes_anp/2012/novembro/ranp%2037%20-%202012.xml?f=templates&fn=document-frameset.htm&q=&uq=&x=&up=1&force=7031) regulates the ANP09 Standard for well data delivery concerning the Geological Monitoring Log (PAG).

Formation Tests

These are special operations which consist in isolation of the tested interval, by one or more obturators, and establishing a pressure differential that allows the flow of fluids contained in the formation towards the well, with safety and economy.

During these operations, records are made of background pressure and, in the pit area, measurements of the pressure and flow of fluids produced on the surface.

The ANP08 Standard regulates the delivery of formation tests data to the ANP.

− Seismic data

Pre-stack data

These are original field data, where each line represents a single pair shot-receiver, without sum of traces of any kind.

Post-stack data

These are data that had all traces belonging to the same Common Depth Point (CDP) added in order to result in a single trace seismic.

Reprocessing

It is a new treatment that the acquired data receive, through different procedures in relation to those previously performed while generating post-stack data.

− Non-seismic data

Gravimetric data

Gravimetry is a geophysical method dedicated to the study of small local variations of the Earth's gravitational field. This methodology measures the acceleration of gravity or its gradients, according to the technology employed. The variation of the Earth's gravitational field, generated by the presence of rocks with different densities, can provide information on the mass distribution in the subsurface, both locally and globally. Historically, in oil prospecting, gravimetry has been used as an alternative method of important implementation, since it has great investigative power to determine the depth of the foundation, particularly in metamorphic, high-degree, and igneous rocks.

Magnetometric data

Magnetometry is a geophysical method based on measuring the intensity of the Earth's magnetic field from the contrasts between rocks of different mineralogical compositions. The magnetic field is a function of the magnetic susceptibility of rocks, which in turn is associated with the presence of magnetic minerals. In general, sedimentary rocks have low magnetic susceptibility with respect to other rocks. This method is useful to delimit basement structures and the presence of intrusive igneous rocks in sedimentary rocks.

Gamma-ray spectrometric data

Gamma-ray spectrometry is a geophysical method that measures the natural radiation of rocks by the emission of gamma rays. These gamma rays are emitted in nature mainly by chemical elements potassium (K), uranium (U) and thorium (Th). Gamma-ray spectrometry has limited applicability for oil prospecting, thus being used in well geophysics. The reason for the restriction is the natural absence of U and Th minerals, which only precipitate in reducing environment, and the abundance of the element K, which exists in most crustal rocks, including sedimentary. This method is, however, widely used to support regional geological mapping and mineral prospecting.

Electromagnetic data

In nature, electricity and magnetism go together, since all electric current generates a magnetic field. Every substance has a greater or lesser facility to allow passage of an electric current inside. This property is called electrical permittivity. This method utilizes magnetic properties induced in the soil by a tool, and studies these properties to detect different electrical permittivity values. When the permittivity value changes with depth, a new rock is found. Thus, this method detects changes in the types of underlying rocks.

Geochemical data

Geochemical data are those resulting from different types of analysis in rocks and well fluids and from surface samples, including piston core (seabed). The analyzes performed are: compositional analysis of rock (lithogeochemistry), total composition analysis (whole oil analysis), diamondoid analysis, fluorescence analysis (total scanning fluorescence - tsf), adsorbed gas analysis, free gas analysis (headspace), occluded gas analysis (osg), fluid inclusion analysis (fia) or fluid inclusion volatile analysis (fiv), fluid inclusion stratigraphy (fis), biomarker analysis, noble gas analysis, thermal maturation analysis, microbiological analysis, microscopic kerogen analysis, sara analysis. Data are available in the form of reports and Excel spreadsheets.

Data interpretation / studies

Activity designed to the study, analysis and evaluation of the scientific and technical content of data acquired, using components of the Federal Government's collection on the Brazilian sedimentary basins. The interpreted data can be exclusive (made in a contracted area), not exclusive, or for development purposes (hired by the ANP).

ÍNDICE DE ESTUDOS DISPONÍVEIS

NOME DO ESTUDO	BACIA	MÚLTIPLAS BACIAS	TIPO DO ESTUDO	EXECUTOR / RESPONSÁVEL	NATUREZA DA AQUISIÇÃO	D CON
Estudo de Geoquímica e Microbiologia de Superfície na Bacia do Acre (http://www.bdep.gov.br/?dw=7149)	Acre		Geoquímico	HRT/ANP	FOMENTO	01/(
Estudo de Geoquímica e Microbiologia de Superfície na Bacia do Araripe (http://www.bdep.gov.br/?dw=7151)	Araripe		Geoquímico	IPEX/ANP	FOMENTO	01/(
Bacia do Parnaíba - uma revisão das atuais perspectivas exploratórias (http://www.bdep.gov.br/?dw=7152)	Parnaíba		Geológico	Bacoccoli	FOMENTO	2
Interpretação e Mapeamento dos Sistemas Petrolíferos da Bacia de Campos Tomo 1 (http://www.bdep.gov.br/?dw=7153)	Campos		Geológico	Unesp	FOMENTO	2
Interpretação e Mapeamento dos Sistemas Petrolíferos da Bacia de Campos Tomo 2 (http://www.bdep.gov.br/?dw=7456)	Campos		Geológico	Unesp	FOMENTO	2
Interpretação e Mapeamento dos Sistemas Petrolíferos da Bacia de Santos Tomo 1 (http://www.bdep.gov.br/?dw=7154)	Santos		Geológico	Unesp	FOMENTO	2

Interpretação e Mapeamento dos Sistemas Petrolíferos da Bacia de Santos Tomo 2 (http://www.bdep.gov.br/?dw=7155)	Santos		Geológico	Unesp	FOMENTO	2
Interpretação e Mapeamento dos Sistemas Petrolíferos da Bacia de Santos Tomo 3 (http://www.bdep.gov.br/?dw=7156)	Santos		Geológico	Unesp	FOMENTO	2
Relatório final de levantamento: 0301_2D_BACIA_DO_AMAZONAS, 0301_GRAV_2D_BACIA_DO_AMAZONAS E 0301_MAG_2D_BACIA_DO_AMAZONAS (http://www.bdep.gov.br/?dw=7150)	Amazonas		Geofísico	Georadar	FOMENTO	2
Modelagem 3D do sistema petrolífero e risco exploratório na Bacia do Espírito Santo (http://www.bdep.gov.br/?dw=7457)	Espírito Santo		Geológico	HRT	Não-Exclusivo	2
COPPE - Camamu-Almada Figuras e Tabelas (http://www.bdep.gov.br/?dw=7157)	Camamu-Almada		Geológico	UFRJ/COPPE	FOMENTO	2
COPPE - Camamu-Almada (http://www.bdep.gov.br/?dw=7158)	Camamu-Almada		Geológico	UFRJ/COPPE	FOMENTO	2
Modelagem 3D do sistema petrolífero e risco exploratório na Bacia de Campos (http://www.bdep.gov.br/?dw=7458)	Campos		Geológico	HRT	Não-Exclusivo	2
Aquisição de Dados Geoquímicos em Amostras de Assoalho Oceânico na Bacia do Ceará (http://www.bdep.gov.br/?dw=7159)	Ceará		Geoquímico	IPEX/ANP	FOMENTO	01/(
Aquisição de Dados Geoquímicos em Amostras de Assoalho Oceânico na Bacia de Jacuípe (http://www.bdep.gov.br/?dw=7160)	Jacuípe		Geoquímico	HRT/ANP	FOMENTO	01/1
COPPE - Jequitinhonha e Jacuípe (http://www.bdep.gov.br/?dw=7161)	Jequitinhonha		Geológico	UFRJ/COPPE	FOMENTO	2
COPPE - Jequitinhonha e Jacuípe (http://www.bdep.gov.br/?dw=7162)	Jacuípe		Geológico	UFRJ/COPPE	FOMENTO	2
Geoquímica de Superfície e Microbiologia na Bacia do Parecis (http://www.bdep.gov.br/?dw=7163)	Parecis		Geoquímico	HRT/ANP	FOMENTO	01/1
Estudo de Geoquímica e Microbiologia de Superfície na Bacia do Parnaíba (http://www.bdep.gov.br/?dw=7164)	Parnaíba		Geoquímico	IPEX/ANP	FOMENTO	01/(
Estudo de Geoquímica e Microbiologia de Superfície na Bacia do Parnaíba ANEXOS (http://www.bdep.gov.br/?dw=7165)	Parnaíba		Geoquímico	IPEX/ANP	FOMENTO	02/(

Aquisição de Dados Geoquímicos em Amostras de Assoalho Oceânico na Bacia de Pelotas (http://www.bdep.gov.br/?dw=7166)	Pelotas		Geoquímico	HRT/ANP	FOMENTO	01/(
Identificação e Caracterização De Sistemas Petrolíferos na Porção Marinha da Bacia de Pernambuco-Paraíba (http://www.bdep.gov.br/?dw=7167)	Pernambuco-Paraiba		Geoquímico	Oceansatpag/ANP	FOMENTO	01/1
Estudo de Geoquímica e Microbiologia de Superfície na Bacia do Tacutu (http://www.bdep.gov.br/?dw=7168)	Tacutu		Geoquímico	IPEX/ANP	FOMENTO	01/(
Sergipe-Alagoas crude oil study (http://www.bdep.gov.br/?dw=7459)	Sergipe-Alagoas		Geoquímico	GSI	Não-Exclusivo	2
Estudo de Geoquímica e Microbiologia de Superfície na Bacia de São Luis (http://www.bdep.gov.br/?dw=7169)	São Luis		Geoquímico	HRT/ANP	FOMENTO	01/1
Aerolevantamento - Aquisição de dados Gravimétricos e Magnetométricos na Bacia do São Francisco. Tomo 1 (http://www.bdep.gov.br/?dw=7170)	São Francisco		Geofísico	Aerogeophysica -LatinoAmerica e Microsurvey	FOMENTO	12/1
Aerolevantamento - Aquisição de dados Gravimétricos e Magnetométricos na Bacia do São Francisco. Tomo 2 (http://www.bdep.gov.br/?dw=7171)	São Francisco		Geofísico	Aerogeophysica -LatinoAmerica e Microsurvey	FOMENTO	12/1
Estudo de Geoquímica e Microbiologia de Superfície na Bacia do São Francisco (http://www.bdep.gov.br/?dw=7172)	São Francisco		Geoquímico	IPEX/ANP	FOMENTO	01/(
Aquisição de Dados de Geoquímica de Superfície na Bacia do Rio do Peixe (http://www.bdep.gov.br/?dw=7173)	Rio do Peixe		Geoquímico	MRM/ANP	FOMENTO	01/1
Modelagem 3D do sistema petrolífero e risco exploratório na Bacia de Santos (http://www.bdep.gov.br/?dw=7460)	Santos		Geológico	HRT	Não-Exclusivo	2
Estudo dos Sistemas Petrolíferos - Bacia de Pelotas Volume I (http://www.bdep.gov.br/?dw=7174)	Pelotas		Geológico	UFRGS	FOMENTO	2
Estudo dos Sistemas Petrolíferos - Bacia de Pelotas Volume II (http://www.bdep.gov.br/?dw=7175)	Pelotas		Geológico	UFRGS	FOMENTO	2
Estudo dos Sistemas Petrolíferos - Bacia de Pelotas Volume III (http://www.bdep.gov.br/?dw=7176)	Pelotas		Geológico	UFRGS	FOMENTO	2

Bacia de Campos - Source Rock Study (http://www.bdep.gov.br/?dw=7461)	Campos		Geoquímico	GSI	Não-Exclusivo	
Aero Levantamento Parnaíba (http://www.bdep.gov.br/?dw=7177)	**Parnaíba**		**Geofísico**	**USP**	**FOMENTO**	
Geoquímica de Superfície - Sergipe-Alagoas (http://www.bdep.gov.br/?dw=7463)	Sergipe-Alagoas		Geoquímico	GSI	Não-Exclusivo	
RESERVOIR QUALITY OF THE COASTAL BASINS OF SOUTHEAST BRAZIL (http://www.bdep.gov.br/?dw=7464)	Campos, Santos and Espírito Santo	Reservoir Quality - 2003	MISTO	Robertson/Expetro	Não-Exclusivo	
A REGIONAL EVALUATION OF CRETACEOUS CARBONATES IN THE S.E. BRASILIAN MARGIN (http://www.bdep.gov.br/?dw=7465)	Santos, Campos, Espírito Santo e Mucuri		Geológico	CORE LABORATORIES SALES N.V	Não-Exclusivo	
SEQUENCE STRATIGRAPHY: SOUTHEAST COASTAL BASINS - BRAZIL (http://www.bdep.gov.br/?dw=7466)	Campos, Santos and Espírito Santo	Sequence Stratigraphy - 2001	Geológico	Robertson/Expetro	Não-Exclusivo	
SEQUENCE STRATIGRAPHY, SOUTHEAST COASTAL BASINS, BRAZIL: PHASE II - DEEPWATER (http://www.bdep.gov.br/?dw=7467)	Campos, Santos and Espírito Santo	Sequence Stratigraphy - 2004	Geológico	Robertson/Expetro	Não-Exclusivo	
Sistemas Petrolíferos das Bacias da Margem Leste do Brasil (http://www.bdep.gov.br/?dw=7468)	Diversos	Espirito Santo, Mucuri, Cumuraxatiba, Jequitinho, Camamu-Almada e Sergipe- Alagoas	Geológico	Insight	Não-Exclusivo	
PETROLEUM SYSTEM OF POTIGUAR BASIN (http://www.bdep.gov.br/?dw=7469)	Potiguar		Geológico	DPC & Assoc.	Não-Exclusivo	
Estudo dos sistemas Petrolíferos (http://www.bdep.gov.br/?dw=7178)	**Diversos**	**Recôncavo, Tucano e Jatobá**	**Geológico**	**UFBA**	**FOMENTO**	
Petroleum Systems of the Solimões - Amazonas Basins, Brazil. (http://www.bdep.gov.br/?dw=7470)	Amazonas e Solimões		Geológico	Insight	Não-Exclusivo	
Geoquímica de Superfície e Microbiologia das amostras coletadas no bloco PN-T-66 (http://www.bdep.gov.br/?dw=7471)	Parnaíba	Blocos devolvidos	Geoquímico	HRT	Exclusivos	
Levantamento aerogravimétrico e aeromagnetométrico do bloco Amazonas, compreendendo parcialmente as bacias do Amazonas e Solimões (http://www.bdep.gov.br/?dw=7179)	**Diversos**	**Amazonas, Acre e Madre de Dios**	**Geofísico**	**LASA**	**FOMENTO**	
Mapeamento e Modelagem dos Sistemas Petrolíferos (http://www.bdep.gov.br/?dw=7180)	**Cumuxuratiba**		**Geológico**	**COPPE**	**FOMENTO**	
Mapeamento e Modelagem dos Sistemas Petrolíferos (http://www.bdep.gov.br/?dw=7181)	**Espírito Santo**		**Geológico**	**COPPE**	**FOMENTO**	

Relatório Final das Operações de Campo do Projeto 0317 2D ANP Bacia do Parnaíba - vol I - Aquisição Sísmica (http://www.bdep.gov.br/?dw=7182)	**Parnaíba**		**Geofísico**	**Geokinectis**	**FOMENTO**	
Relatório Final das Operações de Campo do Projeto 0317 2D ANP Bacia do Parnaíba - vol II - Gravimetria e Magnetometria (http://www.bdep.gov.br/?dw=7183)	**Parnaíba**		**Geofísico**	**Geokinectis**	**FOMENTO**	
Relatório Final das Operações de Campo do Projeto 0317 2D ANP Bacia do Parnaíba - vol IV - Processamento Sísmico (http://www.bdep.gov.br/?dw=7184)	**Parnaíba**		**Geofísico**	**Geokinectis**	**FOMENTO**	
Brazil Central Basin Crude Oil Study (http://www.bdep.gov.br/?dw=7472)	Diversos	Sergipe-Alagoas, Recôncavo, Camamu-Almada, Cumuruxatiba, Jequitinhonha, Mucuri e Espírito Santo	Geoquímico	GSI	Não-Exclusivo	
Projeto de processamento sísmico 2D - Relatório Final (http://www.anp.gov.br/wwwanp/?dw=7185)	**Diversos**	**Amazonas, Parnaíba, Acre e São Luís**	**Geofísico**	**Halliburton**	**FOMENTO**	
Camamu-Almada Basin Piston Coring (http://www.bdep.gov.br/?dw=7473)	Camamu-Almada		Geoquímico	GSI	Não-Exclusivo	
Brazilian Equatorial Margin Project – Upper Cretaceous and Tertiary Turbidites parte 1 (http://www.bdep.gov.br/?dw=7186)	**Margem Equatorial**		**Geológico**	**Nupetro/Gorceix**	**FOMENTO**	
Brazilian Equatorial Margin Project – Upper Cretaceous and Tertiary Turbidites parte 2 (http://www.bdep.gov.br/?dw=7187)	**Margem Equatorial**		**Geológico**	**Nupetro/Gorceix**	**FOMENTO**	
Estudos de Óleos - Bacias Centrais (versão revisada) (http://www.bdep.gov.br/?dw=7474)	Diversos	Sergipe-Alagoas, Recôncavo, Camamu-Almada e Cumuruxatiba	Geoquímico	GSI	Não-Exclusivo	
Piston Core Foz do Amazonas (http://www.bdep.gov.br/?dw=7188)	**Foz do Amazonas**		**Geoquímico**	**TDI&CP+**	**FOMENTO**	
Avaliação do Potencial Petrolífero da Bacia Pernambuco-Paraíba (http://www.bdep.gov.br/?dw=7189)	**Pernanbuco - Paraíba**		**Geológico**	**UFRN**	**FOMENTO**	
Prospecção Geoquíma de Superfície no Bloco Exploratório SEAL-T-340 (http://www.bdep.gov.br/?dw=7475)	Sergipe-Alagoas	Blocos devolvidos	Geoquímico	PGT	Exclusivos	
Prospecção Geoquíma de Superfície no Bloco Exploratório SEAL-T-426 (http://www.bdep.gov.br/?dw=7476)	Sergipe-Alagoas	Blocos devolvidos	Geoquímico	PGT	Exclusivos	
Prospecção Geoquíma de Superfície no Bloco Exploratório SEAL-T-434 (http://www.bdep.gov.br/?dw=7477)	Sergipe-Alagoas	Blocos devolvidos	Geoquímico	PGT	Exclusivos	

RELATÓRIO FINAL DE PROCESSAMENTO SÍSMICO BIDIMENSIONAL (http://www.bdep.gov.br/?dw=7478)	Diversos	Amazonas, Parnaíba, Solimões, PARANÁ, MARAJÓ, SÃO LUÍS–BRAGANÇA-VISEU	Geofísico	Flamoil	FOMENTO	
Reprocessamento_Sergipe-Alagoas	Sergipe-Alagoas	sem índice	Geofísico	Flamoil	FOMENTO	

− Production data

Production by well

Annual overview of the domestic production of oil and natural gas by well, divided into sea and land.

- **Production by Well 2016 (http://www.bdep.gov.br/?id=629)**
- **Production by Well 2015 (http://www.bdep.gov.br/?id=624)**
- **Production by Well 2014 (http://www.bdep.gov.br/?id=610)**
- **Production by Well 2013 (http://www.bdep.gov.br/?id=584)**
- **Production by Well 2012 (http://www.bdep.gov.br/?id=572)**
- **Production by Well 2011 (http://www.bdep.gov.br/?id=482)**
- **Production by Well 2010 (http://www.bdep.gov.br/?id=481)**
- **Production by Well 2009 (http://www.bdep.gov.br/?pg=5561)**
- **Production by Well 2008 (http://www.bdep.gov.br/?pg=5560)**
- **Production by Well 2007 (http://www.bdep.gov.br/?pg=5559)**
- **Production by Well 2006 (http://www.bdep.gov.br/?pg=5558)**
- **Production by Well 2005 (http://www.bdep.gov.br/?pg=5556)**

Production by field

Overview of oil and natural gas production by field. Production data are indicated by state and basin, and for each state the production is indicated by field. Oil production is expressed in barrels (bbl), and natural gas production is expressed in cubic meters (m³).

Production by state

History of oil and natural gas production in Brazil since the 2000s. Charts are presented illustrating the national production and that of each producing state, as well as production according to its origin (sea or land). Oil production is expressed in barrels (bbl), while natural gas production is expressed in cubic meters (m³).

know more (http://www.anp.gov.br/?pg=17019&m=&t1=&t2=&t3=&t4=&ar=&ps=&1457380230330)

+ Learn more about production in the Oil and Gas Production Bulletin

− Consulting the collection

There are three ways to consult ANP's technical data collection:

- **BDEP WebMaps (/wwwanp/exploracao-e-producao-de-oleo-e-gas/dados-tecnicos/sistemas-bdep)**
- **Client Room - available in the Data Request system (/wwwanp/exploracao-e-producao-de-oleo-e-gas/dados-tecnicos/sistemas-bdep)**
- **ANP Website (http://www.anp.gov.br/)**

BDEP Webmaps

The BDEP WebMaps is a consultation system on interactive map on which information is provided from the ANP data collection, including the BDEP. This map can be accessed through any browser, with no need to do any installation. Cultural data are presented (administrative and political boundaries, map grids, among

others) and you can see the following topics: 2D and 3D seismic, wells, Pre-salt and Libra polygons, gravimetry and magnetometry surveys, offshore sectors, Bidding Round sectors and blocks, exploration blocks, production fields, sedimentary basins and bathymetry. The BDEP WebMaps is part of the BDEP Systems, which include tools for sending and requesting data. They include data query system on interactive maps (WebMaps), technical data request on interactive maps, automated quality control system for seismic data, wells and non-seismic methods, and data delivery system for delivery to the ANP.

+Learn more about the BDEP Systems (http://app.anp.gov.br/webmaps/)

Client Room

In ANP's Client Room, workstations can be used to view public data. At these stations, the user accesses exclusively previously requested data, and uses free viewers for LIS/DLIS files for wells and SEG-Y for seismic, in addition to reading pdf and txt files.

The Client Room is open from Monday to Friday in two shifts: 9am to 12pm and 1pm to 4pm, by appointment. The consultation period is from one to six hours a day. By submitting a request, you must inform for how many hours you wish to book the room.

Member users have a monthly quota for use of the Client Room, which varies with each plan. (See table of plans and values - link). If exceeded the monthly limit of hours, the use will be charged as additional data, over quota. Access to the Client Room can be scheduled directly in the Data Request system, an integral part of the BDEP Systems (link). After selecting on the map the data of interest, add them to your shopping cart and click the "Client Room" option. Upon receiving the scheduling request via the system, the help desk will contact the requester to confirm availability of the required data and the requested scheduling.

For occasional users, the price for using the Client Room is R$ 500.00 per hour. The price for a BDEP technical consultant support is R$ 300.00 per use. The time fraction is charged as full hour. Periods of system downtime, if any, are deducted from the period. Occasional users interested in using the Client Room must be first registered.

After registration, the occasional user must access the Data Request system, available in the BDEP Systems (access via CSA - link), select on the map the data of interest, add to the shopping cart, and click on the "Client Room" option.

After receiving the scheduling request, the help desk will contact the requester to confirm availability of the requested data and scheduling, and will send an e-mail informing the total cost for using the Client Room, containing all instructions for payment of the Federal Payment Form (GRU). The occasional user must pay the GRU inherent to the requested service and send a scanned copy of the payment receipt to the e-mail: dados_tecnicos@anp.gov.br (mailto:dados_tecnicos@anp.gov.br) (/wwwanp/dados_tecnicos@anp.gov.br)

Upon receiving the signed request form, the confirmation of payment of the GRU and the scheduling confirmation, the ANP will send an e-mail to the requester authorizing the use of the Client Room.

– Technical data access request

The request to the ANP for digital technical data is regulated by ANP Resolution No. 1/2015 as well as by the procedures described in this website, which include use of the Data Request system, available in the BDEP Systems Sistemas BDEP (http://app.anp.gov.br/anp-csa-web/).

Service users

The public data stored in the BDEP can be accessed by three types of users: members, occasional users and universities, according to ANP's regulatory rules.

Member users are those who signed the "Terms of Use of the BDEP", effective for one year, which gives the right to appoint two registered users of the same company. There are four association plans available, which vary in data volume and price.

Occasional users have access upon payment for each public data request, following the prices per unit established by the ANP.

For universities and research institutions, the ANP has a free-data-transfer policy, intended for students and researchers involved in academic and research projects of different lines and programs, such as: Agronomy, Computer Science, Geosciences and Civil, Chemical, Sanitary and Petroleum Engineering.

Member User

Member users are those who sign with the ANP the Terms of Use of the BDEP for a period of 12 months, upon payment of an annual or monthly amount. The term may be extended for equal and successive periods through an Amendment Term signed by the parties. The signing of the term gives the right to appoint two representatives authorized to use the system and request data. Usually, member users are Data Acquisition Companies (DAC) or concession holders / contractors from oil and gas blocks or fields. Users can choose among four plans available for association to the BDEP. According to the plan chosen, the user is entitled to access the volume of technical data acquired.

To become a member user, the interested parties must first be registered in the Integrated System of Technical Service Areas (SIATA), available in the ANP Systems Central (CSA) Sistemas da ANP (CSA) (http://app.anp.gov.br/anp-csa-web/).

From the first day of validity of the Terms of Use of the BDEP, member users can request data by using the Data Request system in the BDEP Systems Sistemas BDEP (http://app.anp.gov.br/anp-csa-web/).

In the Data Request system the user can search, select, create a "shopping cart" and request technical data on interactive maps in an automated flow that allows automatic processing of the request, control of available quotas, payment of additional data requested, and real-time monitoring of the progress of all data requests made.
The SDT Help Desk can be contacted at any time at e-mail helpdesk@anp.gov.br (mailto:helpdesk@anp.gov.br) to give all necessary support for use of the system.

Occasional User

Occasional users are those who occasionally request technical data, on demand. At each request, the occasional user pays the amount according to his request, so he can access the data of interest. Costs vary depending on the type of data requested. In addition to the Data Acquisition Companies (DAC) and oil and gas field and block operators, occasional uses occur on demand by consulting firms, mining companies and individuals, among others.

To become an occasional user, the interested parties must first be registered in the Integrated System of Technical Service Areas (SIATA), available in the ANP Systems Central (CSA) Sistemas da ANP (CSA) (http://app.anp.gov.br/anp-csa-web/).

To effect the registration in the SIATA as Occasional user, the user must send to the ANP/SDT the documentation provided for in ANP Resolution No. 1/2015, of January 14, 2015, following the instructions that will appear in the system itself. After receiving the registration request and the relevant documentation, the SDT Help Desk will contact the applicant to confirm registration.

.If the applicant has previously submitted to the ANP the documentation referred to in the resolution, he will not need to send it again. However, if there has been any change or update, a copy of each updated document must be submitted to the Agency.
After registering with the ANP, individuals and companies interested in accessing data in this modality may use the Data Request system, after access to the BDEP Systems, available in the ANP Systems Central (CSA) (http://app.anp.gov.br/anp-csa-web/).In the Data Request system the user can search, select, create a "shopping cart" and request technical data on interactive maps in an automated flow that allows automatic processing of the request, payment, and real-time monitoring of the progress of all data requests made.

The applicant may also refer to the ANP data collection through the interactive BDEP Webmaps, available in the BDEP Systems BDEP Systems (http://app.anp.gov.br/anp-csa-web/).

He can also schedule the use of the BDEP Client Room, upon prior payment, to select and view the technical data of interest (link).

The SDT Help Desk can be contacted at any time at helpdesk@anp.gov.br (mailto:helpdesk@anp.gov.br) para repassar todo o suporte necessário para a utilização do sistema.

Universities or Research Institutions

For universities or research institutions with projects in areas related to oil, natural gas and/or biofuels, the ANP has a cost-free policy for the transfer of public data, in order to promote studies and professional training in Brazil. The requested data must be used for academic or research purposes, and may not be used for commercial purposes, directly or indirectly. The areas covered are Agronomy, Computer Science, Geosciences, Civil, Chemical, Sanitary and Petroleum Engineering, and each of them has specific research lines and programs for data access. Each level of university education has a defined quota, related to the type of data being requested. Applications are made through the departments or units of the universities or research institutions.

Access to public information and technical data for academic or research purposes is regulated by ANP Resolution no 1/2015 of January 14, 2015, published in the Official Gazette on January 15, 2015. This resolution repealed the old one, ANP Resolution No. 23/2009.

To access the technical data and information, departments (or similar units) that are part of universities or research institutions, through their coordinators or leaders, must first be registered in the Integrated System of Technical Service Areas (SIATA), available in the ANP Systems Central (CSA) Sistemas da ANP (CSA) (http://app.anp.gov.br/anp-csa-web/).

To effect registration in the SIATA, the department (or similar unit) must send to the ANP/SDT the documentation provided for in ANP Resolution No. 1/2015 of January 14, 2015, following the instructions that will appear in the system. After receiving the registration request and the relevant documentation, the SDT Help Desk will contact the applicant to confirm registration.

After registering with the ANP, universities and research institutions interested in accessing data in this modality may use the Data Request system, after access to the BDEP Systems, available in the ANP Systems Central (CSA) Sistemas da ANP (CSA) (http://app.anp.gov.br/anp-csa-web/).

The system already provides the Research Line and the Research Program set forth in Annex II of the resolution. Technical data and information quotas for each academic level, indicating the maximum data volumes allowed are set forth in Annex III of the resolution and will be recorded by the system. Each department or unit may conduct semiannual data requests compatible with the quotas available for each data type, academic level and research program.

In the Data Request system the user can search, select, create a "shopping cart" and request technical data on interactive maps in an automated flow that allows automatic processing of the request and real-time monitoring of the progress of all data requests made.

The applicant may also refer to the ANP data collection through the interactive BDEP Webmaps, available in the BDEP Systems Sistemas BDEP (http://app.anp.gov.br/anp-csa-web/).

The SDT Help Desk can be contacted at any time at helpdesk@anp.gov.br (mailto:helpdesk@anp.gov.br) to give all necessary support for use of the system.

Notes:

The product "Well Logs", which appears in the form, referring to the digital well logs, will be provided by the SDT in LIS and DLIS format. It is up to the university to make the necessary changes, for example, to the LAS format. There are free data-conversion tools available on the Internet.

Universities and research institutes that have gained access to the technical data and information, object of ANP Resolution No. 1/2015, are obliged to deliver to the SDT in physical and digital media:

1. **The final reports on the research or academic projects, which have used the data and information object of the Resolution, within sixty (60) calendar days of the final date set by the university for completion of the work;**
2. **The academic work, within sixty (60) calendar days of the final date set by the university for completion of the work;**
3. **A copy of the publications or periodicals, within thirty (30) calendar days after they are made publicly available.**

registrado em:

Exploração e produção de óleo e gás (/wwwanp/exploracao-e-producao-de-oleo-e-gas/dados-tecnicos/technical-data/access-to-technical-data/111-exploracao-e-producao-de-oleo-e-gas) , Dados técnicos (/wwwanp/dados-tecnicos)

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