



General information

|                          |            |
|--------------------------|------------|
| Production licence       | 038        |
| NPDID production licence | 21092      |
| Status                   | INACTIVE   |
| Main area                | North sea  |
| Licensing activity       | 3          |
| Date granted             | 01.04.1975 |
| Date valid to            | 31.12.2018 |
| Stratigraphical          | NO         |
| Original area [km2]      | 442        |
| Current area [km2]       | 0          |

Phases

|                       |                     |                        |
|-----------------------|---------------------|------------------------|
| Date phase valid from | Date phase valid to | Phase                  |
| 01.04.1975            | 15.11.1980          | INITIAL                |
| 16.11.1980            | 15.11.2010          | PRODUCTION             |
| 16.11.2010            | 01.04.2021          | PRODUCTION<br>EXTENDED |

Licensees - current

|                 |                  |              |
|-----------------|------------------|--------------|
| Date valid from | Company longname | Interest [%] |
|-----------------|------------------|--------------|

Operatorship - current

|                 |                  |
|-----------------|------------------|
| Date valid from | Company longname |
|-----------------|------------------|

Area - current

|                 |            |                |                    |                      |
|-----------------|------------|----------------|--------------------|----------------------|
| Date valid from | Block name | Polygon number | Polygon area [km2] | Vertical limitations |
|-----------------|------------|----------------|--------------------|----------------------|

Work program (initial phase)

|                 |          |             |             |                     |
|-----------------|----------|-------------|-------------|---------------------|
| Work obligation | Decision | Task status | Expiry date | Wellbore if drilled |
|-----------------|----------|-------------|-------------|---------------------|

Conditions (production phase)

|           |          |                         |             |             |
|-----------|----------|-------------------------|-------------|-------------|
| Work task | Decision | Description (norwegian) | Task status | Expiry date |
|-----------|----------|-------------------------|-------------|-------------|





**Mortgages from the Petroleum register - current (in Norwegian only)**

| Dokument nummer | Registreringsdato | Utdrag av dokument                                                                                                                                                 |
|-----------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2629            | 02.06.2005        | Pertra AS pantsetter sin 5% andel i tillatelse til fordel for Talisman Production Norge ASPantobligasjon stor NOK 20,000,000, skriver norske kroner tjue millioner |

**Wellbores - exploration, drilled in the production licence**

| Wellbore name              | Entered date | Completed date | Purpose   | Content         |
|----------------------------|--------------|----------------|-----------|-----------------|
| <a href="#">15/12-1</a>    | 07.07.1975   | 06.09.1975     | WILDCAT   | OIL SHOWS       |
| <a href="#">15/12-2</a>    | 07.01.1976   | 27.02.1976     | WILDCAT   | DRY             |
| <a href="#">15/12-3</a>    | 21.06.1980   | 22.12.1980     | WILDCAT   | DRY             |
| <a href="#">15/12-4</a>    | 13.09.1984   | 31.10.1984     | WILDCAT   | OIL             |
| <a href="#">15/12-5</a>    | 12.03.1986   | 04.05.1986     | APPRAISAL | OIL             |
| <a href="#">15/12-6 S</a>  | 19.08.1990   | 04.11.1990     | APPRAISAL | OIL             |
| <a href="#">15/12-8</a>    | 05.06.1991   | 14.07.1991     | WILDCAT   | GAS/CONDE NSATE |
| <a href="#">15/12-8 A</a>  | 14.07.1991   | 29.07.1991     | APPRAISAL | GAS/CONDE NSATE |
| <a href="#">15/12-9 S</a>  | 17.07.1992   | 08.10.1992     | APPRAISAL | OIL             |
| <a href="#">15/12-10 S</a> | 02.10.1996   | 04.11.1996     | APPRAISAL | OIL             |
| <a href="#">15/12-12</a>   | 25.12.2000   | 09.02.2001     | WILDCAT   | OIL/GAS         |
| <a href="#">15/12-13</a>   | 23.04.2003   | 11.05.2003     | APPRAISAL | DRY             |
| <a href="#">15/12-13 A</a> | 11.05.2003   | 17.05.2003     | APPRAISAL | NOT APPLICABLE  |
| <a href="#">15/12-13 B</a> | 17.05.2003   | 11.06.2003     | APPRAISAL | OIL/GAS         |
| <a href="#">15/12-14</a>   | 14.12.2003   | 31.12.2003     | APPRAISAL | OIL             |
| <a href="#">15/12-15</a>   | 19.11.2004   | 21.12.2004     | WILDCAT   | DRY             |
| <a href="#">15/12-16 S</a> | 06.02.2006   | 31.03.2006     | APPRAISAL | GAS/CONDE NSATE |
| <a href="#">15/12-17 A</a> | 04.02.2007   | 23.03.2007     | APPRAISAL | GAS/CONDE NSATE |
| <a href="#">15/12-17 S</a> | 23.12.2006   | 04.02.2007     | APPRAISAL | GAS/CONDE NSATE |
| <a href="#">15/12-20 S</a> | 28.05.2008   | 01.07.2008     | WILDCAT   | OIL             |
| <a href="#">15/12-21</a>   | 15.03.2009   | 21.05.2009     | WILDCAT   | OIL             |

**Wellbores - development, drilled in the production licence**

| Wellbore name               | Entered date | Completed date | Purpose - planned |
|-----------------------------|--------------|----------------|-------------------|
| <a href="#">15/12-A-1</a>   | 26.03.2004   | 13.05.2004     | PRODUCTION        |
| <a href="#">15/12-A-1 A</a> | 01.03.2011   | 10.03.2011     | PRODUCTION        |
| <a href="#">15/12-A-1 B</a> | 19.02.2013   | 11.03.2013     | PRODUCTION        |



|                              |            |            |            |
|------------------------------|------------|------------|------------|
| <a href="#">15/12-A-2</a>    | 19.08.1990 | 04.11.1990 | PRODUCTION |
| <a href="#">15/12-A-3</a>    | 15.05.2005 | 12.06.2005 | PRODUCTION |
| <a href="#">15/12-A-3 A</a>  | 02.09.2009 | 22.09.2009 | PRODUCTION |
| <a href="#">15/12-A-3 B</a>  | 23.10.2012 | 17.12.2012 | PRODUCTION |
| <a href="#">15/12-A-4</a>    | 02.10.1996 | 04.11.1996 | INJECTION  |
| <a href="#">15/12-A-5</a>    | 22.04.1998 | 01.12.1998 | PRODUCTION |
| <a href="#">15/12-A-5 A</a>  | 26.09.2005 | 30.09.2005 | PRODUCTION |
| <a href="#">15/12-A-6</a>    | 05.04.1999 | 02.06.1999 | INJECTION  |
| <a href="#">15/12-A-6 A</a>  | 05.02.2004 | 07.03.2004 | PRODUCTION |
| <a href="#">15/12-A-7</a>    | 23.06.2005 | 16.07.2005 | PRODUCTION |
| <a href="#">15/12-A-7 A</a>  | 28.05.2008 | 01.07.2008 | PRODUCTION |
| <a href="#">15/12-A-7 B</a>  | 11.01.2010 | 03.02.2010 | PRODUCTION |
| <a href="#">15/12-A-7 C</a>  | 06.02.2010 | 16.02.2010 | INJECTION  |
| <a href="#">15/12-A-8</a>    | 15.05.1998 | 02.07.1998 | PRODUCTION |
| <a href="#">15/12-A-8 A</a>  | 28.07.2008 | 12.08.2008 | PRODUCTION |
| <a href="#">15/12-A-9</a>    | 31.07.2004 | 28.10.2004 | INJECTION  |
| <a href="#">15/12-A-9 A</a>  | 02.08.2006 | 14.08.2006 | PRODUCTION |
| <a href="#">15/12-A-9 B</a>  | 07.12.2009 | 21.12.2009 | PRODUCTION |
| <a href="#">15/12-A-10</a>   | 01.06.2004 | 16.07.2004 | PRODUCTION |
| <a href="#">15/12-A-10 A</a> | 15.10.2009 | 01.11.2009 | PRODUCTION |
| <a href="#">15/12-A-11</a>   | 17.07.1992 | 08.10.1992 | PRODUCTION |
| <a href="#">15/12-A-12</a>   | 14.03.1999 | 20.09.1999 | INJECTION  |
| <a href="#">15/12-A-12 A</a> | 14.12.2003 | 31.12.2003 | PRODUCTION |
| <a href="#">15/12-A-12 B</a> | 12.09.2006 | 12.10.2006 | PRODUCTION |
| <a href="#">15/12-A-12 C</a> | 23.03.2011 | 10.04.2011 | PRODUCTION |
| <a href="#">15/12-A-12 D</a> | 14.04.2011 | 19.04.2011 | PRODUCTION |
| <a href="#">15/12-A-12 E</a> | 04.01.2013 | 31.01.2013 | PRODUCTION |
| <a href="#">15/12-A-13</a>   | 22.06.1999 | 12.08.1999 | PRODUCTION |
| <a href="#">15/12-A-14</a>   | 08.05.1998 | 10.08.1998 | INJECTION  |
| <a href="#">15/12-A-15</a>   | 23.05.1998 | 14.02.1999 | PRODUCTION |
| <a href="#">15/12-A-15 A</a> | 23.01.2003 | 06.02.2003 | PRODUCTION |
| <a href="#">15/12-A-16</a>   | 29.03.2005 | 01.05.2005 | INJECTION  |

Wellbores - other, drilled in the production licence

| Wellbore name             | Entered date | Completed date | Purpose       |
|---------------------------|--------------|----------------|---------------|
| <a href="#">15/12-U-1</a> | 15.03.1994   | 07.04.1994     | SOIL DRILLING |
| <a href="#">15/12-U-2</a> | 15.03.1994   | 07.04.1994     | SOIL DRILLING |
| <a href="#">15/12-U-3</a> | 15.03.1994   | 07.04.1994     | SOIL DRILLING |
| <a href="#">15/12-U-4</a> | 15.03.1994   | 07.04.1994     | SOIL DRILLING |
| <a href="#">15/12-U-5</a> | 15.03.1994   | 07.04.1994     | SOIL DRILLING |
| <a href="#">15/12-U-6</a> | 15.03.1994   | 07.04.1994     | SOIL DRILLING |



|                           |            |            |               |
|---------------------------|------------|------------|---------------|
| <a href="#">15/12-U-7</a> | 15.03.1994 | 07.04.1994 | SOIL DRILLING |
| <a href="#">15/12-U-8</a> | 15.03.1994 | 07.04.1994 | SOIL DRILLING |
| <a href="#">15/12-U-9</a> | 15.03.1994 | 07.04.1994 | SOIL DRILLING |

**Licensees - full history**

| Date valid from | Date valid to | Company longname                                 | Interest [%] |
|-----------------|---------------|--------------------------------------------------|--------------|
| 30.09.2016      | 31.12.2018    | <a href="#">Repsol Norge AS</a>                  | 65.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
|                 |               | <a href="#">Aker BP ASA</a>                      | 5.000000     |
| 06.10.2015      | 29.09.2016    | <a href="#">Repsol Norge AS</a>                  | 65.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
|                 |               | <a href="#">Det norske oljeselskap ASA</a>       | 5.000000     |
| 01.09.2015      | 05.10.2015    | <a href="#">Repsol Exploration Norge AS</a>      | 65.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
|                 |               | <a href="#">Det norske oljeselskap ASA</a>       | 5.000000     |
| 22.12.2009      | 31.08.2015    | <a href="#">Talisman Energy Norge AS</a>         | 65.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
|                 |               | <a href="#">Det norske oljeselskap ASA</a>       | 5.000000     |
| 16.11.2007      | 21.12.2009    | <a href="#">Talisman Energy Norge AS</a>         | 65.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
|                 |               | <a href="#">Det norske oljeselskap ASA (old)</a> | 5.000000     |
| 01.03.2006      | 15.11.2007    | <a href="#">Talisman Energy Norge AS</a>         | 65.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
|                 |               | <a href="#">Pertra ASA</a>                       | 5.000000     |
| 02.04.2005      | 28.02.2006    | <a href="#">Talisman Energy Norge AS</a>         | 65.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
|                 |               | <a href="#">Pertra AS</a>                        | 5.000000     |
| 01.04.2005      | 01.04.2005    | <a href="#">Talisman Production Norge AS</a>     | 65.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
|                 |               | <a href="#">Pertra AS</a>                        | 5.000000     |
| 31.03.2005      | 31.03.2005    | <a href="#">Talisman Production Norge AS</a>     | 70.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
| 04.06.2002      | 30.03.2005    | <a href="#">Pertra AS (OLD)</a>                  | 70.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
| 02.05.2002      | 03.06.2002    | <a href="#">Pertra AS (OLD)</a>                  | 42.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
|                 |               | <a href="#">Statoil ASA (old)</a>                | 28.000000    |
| 19.04.2002      | 01.05.2002    | <a href="#">PGS Petroleum AS</a>                 | 42.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |
|                 |               | <a href="#">Statoil ASA (old)</a>                | 28.000000    |
| 13.03.2002      | 18.04.2002    | <a href="#">PGS Production AS</a>                | 42.000000    |
|                 |               | <a href="#">Petoro AS</a>                        | 30.000000    |



|            |            |                                                             |           |
|------------|------------|-------------------------------------------------------------|-----------|
| 13.03.2002 | 18.04.2002 | <a href="#">Statoil ASA (old)</a>                           | 28.000000 |
| 17.06.2001 | 12.03.2002 | <a href="#">Norsk Hydro Produksjon AS</a>                   | 42.000000 |
|            |            | <a href="#">Petoro AS</a>                                   | 30.000000 |
|            |            | <a href="#">Statoil ASA (old)</a>                           | 28.000000 |
| 10.05.2001 | 16.06.2001 | <a href="#">Norsk Hydro Produksjon AS</a>                   | 42.000000 |
|            |            | <a href="#">Statens Direkte Økonomiske Engasjement SDØE</a> | 30.000000 |
|            |            | <a href="#">Statoil ASA (old)</a>                           | 28.000000 |
| 11.01.2001 | 09.05.2001 | <a href="#">Den norske stats oljeselskap a.s</a>            | 58.000000 |
|            |            | <a href="#">Norsk Hydro Produksjon AS</a>                   | 42.000000 |
| 20.10.2000 | 10.01.2001 | <a href="#">Den norske stats oljeselskap a.s</a>            | 58.000000 |
|            |            | <a href="#">Saga Petroleum ASA</a>                          | 35.000000 |
|            |            | <a href="#">Norsk Hydro Produksjon AS</a>                   | 7.000000  |
| 22.06.1995 | 19.10.2000 | <a href="#">Den norske stats oljeselskap a.s</a>            | 65.000000 |
|            |            | <a href="#">Saga Petroleum ASA</a>                          | 35.000000 |
| 10.11.1994 | 21.06.1995 | <a href="#">Den norske stats oljeselskap a.s</a>            | 50.000000 |
|            |            | <a href="#">Saga Petroleum ASA</a>                          | 50.000000 |
| 01.01.1985 | 09.11.1994 | <a href="#">Den norske stats oljeselskap a.s</a>            | 50.000000 |
|            |            | <a href="#">Esso Exploration and Production Norway A/S</a>  | 50.000000 |
| 01.04.1975 | 31.12.1984 | <a href="#">Den norske stats oljeselskap a.s</a>            | 50.000000 |
|            |            | <a href="#">Esso Exploration and Production Norway A/S</a>  | 50.000000 |

**Operatorship - full history**

| Date valid from | Date valid to | Company longname                                 |
|-----------------|---------------|--------------------------------------------------|
| 06.10.2015      | 31.12.2018    | <a href="#">Repsol Norge AS</a>                  |
| 01.09.2015      | 05.10.2015    | <a href="#">Repsol Exploration Norge AS</a>      |
| 29.04.2005      | 31.08.2015    | <a href="#">Talisman Energy Norge AS</a>         |
| 31.03.2005      | 28.04.2005    | <a href="#">Talisman Production Norge AS</a>     |
| 01.08.2002      | 30.03.2005    | <a href="#">Pertra AS (OLD)</a>                  |
| 14.03.2002      | 31.07.2002    | <a href="#">No operator</a>                      |
| 11.01.2001      | 13.03.2002    | <a href="#">Norsk Hydro Produksjon AS</a>        |
| 01.09.1995      | 10.01.2001    | <a href="#">Saga Petroleum ASA</a>               |
| 01.04.1975      | 31.08.1995    | <a href="#">Den norske stats oljeselskap a.s</a> |

**Area - full history**

| Date valid from | Date valid to | Block name | Polygon number | Polygon area [km2] | Vertical limitations |
|-----------------|---------------|------------|----------------|--------------------|----------------------|
| 01.01.2018      | 31.12.2018    | 15/12      | 1              | 22                 |                      |
| 01.01.2017      | 31.12.2017    | 15/12      | 1              | 31                 |                      |
| 15.05.2009      | 31.12.2016    | 15/12      | 1              | 76                 |                      |



|            |            |       |   |     |  |
|------------|------------|-------|---|-----|--|
| 15.06.2006 | 14.05.2009 | 15/12 | 1 | 33  |  |
|            |            | 15/12 | 2 | 76  |  |
| 01.01.1998 | 14.06.2006 | 15/12 | 2 | 102 |  |
|            |            | 15/12 | 1 | 33  |  |
| 01.04.1981 | 31.12.1997 | 15/12 | 1 | 102 |  |
|            |            | 15/12 | 2 | 95  |  |
| 01.04.1975 | 31.03.1981 | 6/3   | 1 | 57  |  |
|            |            | 15/11 | 2 | 1   |  |
|            |            | 15/12 | 3 | 385 |  |

**Licensees - transfers**

| Date valid from | Transfer direction | Type of change         | Company name                                     | Transferred interest [%] |
|-----------------|--------------------|------------------------|--------------------------------------------------|--------------------------|
| 30.09.2016      | FROM               | CHANGE OF COMPANY NAME | <a href="#">Det norske oljeselskap ASA</a>       | 5.000000                 |
|                 | TO                 | CHANGE OF COMPANY NAME | <a href="#">Aker BP ASA</a>                      | 5.000000                 |
| 06.10.2015      | FROM               | CHANGE OF COMPANY NAME | <a href="#">Repsol Exploration Norge AS</a>      | 65.000000                |
|                 | TO                 | CHANGE OF COMPANY NAME | <a href="#">Repsol Norge AS</a>                  | 65.000000                |
| 01.09.2015      | TO                 | TRANSFER               | <a href="#">Repsol Exploration Norge AS</a>      | 65.000000                |
|                 | FROM               | TRANSFER               | <a href="#">Talisman Energy Norge AS</a>         | 65.000000                |
| 22.12.2009      | TO                 | MERGER/TAKE OVER       | <a href="#">Det norske oljeselskap ASA</a>       | 5.000000                 |
|                 | FROM               | MERGER/TAKE OVER       | <a href="#">Det norske oljeselskap ASA (old)</a> | 5.000000                 |
| 16.11.2007      | FROM               | CHANGE OF COMPANY NAME | <a href="#">Pertra ASA</a>                       | 5.000000                 |
|                 | TO                 | CHANGE OF COMPANY NAME | <a href="#">Det norske oljeselskap ASA (old)</a> | 5.000000                 |
| 01.03.2006      | FROM               | CHANGE OF COMPANY NAME | <a href="#">Pertra AS</a>                        | 5.000000                 |
|                 | TO                 | CHANGE OF COMPANY NAME | <a href="#">Pertra ASA</a>                       | 5.000000                 |
| 02.04.2005      | FROM               | TRANSFER               | <a href="#">Talisman Production Norge AS</a>     | 65.000000                |
|                 | TO                 | TRANSFER               | <a href="#">Talisman Energy Norge AS</a>         | 65.000000                |



|            |      |                        |                                                             |           |
|------------|------|------------------------|-------------------------------------------------------------|-----------|
| 01.04.2005 | FROM | TRANSFER               | <a href="#">Talisman Production Norge AS</a>                | 5.000000  |
|            | TO   | TRANSFER               | <a href="#">Pertra AS</a>                                   | 5.000000  |
| 31.03.2005 | TO   | MERGER/TAKE OVER       | <a href="#">Talisman Production Norge AS</a>                | 70.000000 |
|            | FROM | MERGER/TAKE OVER       | <a href="#">Pertra AS (OLD)</a>                             | 70.000000 |
| 04.06.2002 | TO   | TRANSFER               | <a href="#">Pertra AS (OLD)</a>                             | 28.000000 |
|            | FROM | TRANSFER               | <a href="#">Statoil ASA (old)</a>                           | 28.000000 |
| 02.05.2002 | FROM | CHANGE OF COMPANY NAME | <a href="#">PGS Petroleum AS</a>                            | 42.000000 |
|            | TO   | CHANGE OF COMPANY NAME | <a href="#">Pertra AS (OLD)</a>                             | 42.000000 |
| 19.04.2002 | TO   | CHANGE OF COMPANY NAME | <a href="#">PGS Petroleum AS</a>                            | 42.000000 |
|            | FROM | CHANGE OF COMPANY NAME | <a href="#">PGS Production AS</a>                           | 42.000000 |
| 13.03.2002 | FROM | TRANSFER               | <a href="#">Norsk Hydro Produksjon AS</a>                   | 42.000000 |
|            | TO   | TRANSFER               | <a href="#">PGS Production AS</a>                           | 42.000000 |
| 17.06.2001 | TO   | SDFI                   | <a href="#">Petro AS</a>                                    | 30.000000 |
|            | FROM | SDFI                   | <a href="#">Statens Direkte Økonomiske Engasjement SDØE</a> | 30.000000 |
| 10.05.2001 | TO   | SDFI                   | <a href="#">Statens Direkte Økonomiske Engasjement SDØE</a> | 30.000000 |
|            | FROM | SDFI                   | <a href="#">Den norske stats oljeselskap a.s</a>            | 58.000000 |
|            | TO   | SDFI                   | <a href="#">Statoil ASA (old)</a>                           | 28.000000 |
| 11.01.2001 | TO   | MERGER/TAKE OVER       | <a href="#">Norsk Hydro Produksjon AS</a>                   | 35.000000 |
|            | FROM | MERGER/TAKE OVER       | <a href="#">Saga Petroleum ASA</a>                          | 35.000000 |
| 20.10.2000 | TO   | TRANSFER               | <a href="#">Norsk Hydro Produksjon AS</a>                   | 7.000000  |
|            | FROM | TRANSFER               | <a href="#">Den norske stats oljeselskap a.s</a>            | 7.000000  |
| 22.06.1995 | FROM | UNKNOWN                | <a href="#">Saga Petroleum ASA</a>                          | 15.000000 |
|            | TO   | UNKNOWN                | <a href="#">Den norske stats oljeselskap a.s</a>            | 15.000000 |
| 10.11.1994 | FROM | UNKNOWN                | <a href="#">Esso Exploration and Production Norway A/S</a>  | 50.000000 |
|            | TO   | UNKNOWN                | <a href="#">Saga Petroleum ASA</a>                          | 50.000000 |



Status reports

| Document name | Document format | Document size [MB] |
|---------------|-----------------|--------------------|
|---------------|-----------------|--------------------|