

**General information**

Field name	SLEIPNER ØST
Factmaps in new window	<a href="#">link</a>
Current activity status	Producing
Discovery wellbore	<a href="#">15/9-9</a>
Discovery year.	1981
Main area	North Sea
Main supply base	Dusavik
NPDID field	43478

**Picture**

**Discoveries included**

Discovery name
<a href="#">15/9-9 Sleipner Øst</a>
<a href="#">15/9-17 Loke</a>

**Activity status - history**

Status	Status from	Status to
Producing	24.08.1993	
Approved for production	15.12.1986	23.08.1993

**Located in**

Block name	Prod. licence
15/9	<a href="#">046</a>

**Owner - current**

Owner kind	Owner name
BUSINESS ARRANGEMENT AREA	<a href="#">SLEIPNER ØST UNIT</a>

**Operatorship - current**

Company name
<a href="#">Equinor Energy AS</a>

**Licensees - current**



Company name	Nation code	Company share [%]
<a href="#">Equinor Energy AS</a>	NO	59.600000
<a href="#">Vår Energi AS</a>	NO	15.400000
<a href="#">LOTOS Exploration and Production Norge AS</a>	NO	15.000000
<a href="#">KUFPEC Norway AS</a>	NO	10.000000

**The NPD estimate for reserves (Norwegian share)**

Valid date: 31.12.2019

Orig. recoverable oil [mill Sm3]	Orig. recoverable gas [bill Sm3]	Orig. recoverable NGL [mill tonn]	Orig. recoverable cond. [mill Sm3]	Orig. recoverable oil eq. [mill Sm3 o.e]
0.37	68.52	13.41	26.62	120.99

Remaining oil [mill Sm3]	Remaining gas [bill Sm3]	Remaining NGL [mill tonn]	Remaining cond. [mill Sm3]	Remaining oil eq. [mill Sm3 o.e]
0.06	0.27	0.03	0.00	0.39

Orig. inplace oil [mill Sm3]	Orig. inplace ass. liquid [mill Sm3]	Orig. inplace ass. gas [bill Sm3]	Orig. inplace free gas [bill Sm3]
0.00	77.00	0.00	90.70

**Description**

Type	Text	Date updated
Development	Sleipner Øst is a field in the central part of the North Sea. The water depth is 80 metres. Sleipner Øst was discovered in 1981, and the plan for development and operation (PDO) was approved in 1986. The field has been developed with Sleipner A, an integrated processing, drilling and accommodation facility with a concrete base structure. The development includes the Sleipner R riser facility, which connects Sleipner A to the pipelines for gas transport, and the Sleipner T facility for processing and CO2 removal. Production started in 1993. A PDO for Loke Heimdal was approved in 1991 and for Loke Triassic in 1995. Two subsea templates were installed, one for production from the northern part of Sleipner Øst and one for production from the Loke deposit. The Alpha Nord segment was developed in 2004 with a subsea template tied-back to the Sleipner T with an 18-kilometre pipeline. The Utgard field is tied-back to Sleipner T for processing and CO2 removal. The CO2 is injected into the Utsira Formation via a dedicated well at Sleipner A. The Sigyn, Gungne, Gudrun and Gina Krog fields are tied-back to Sleipner A.	26.02.2020



Reservoir	Sleipner Øst produces gas and condensate. The Sleipner Øst and Loke reservoirs are in Paleocene turbidite sandstone in the Ty Formation, Middle Jurassic shallow marine sandstone in the Hugin Formation and in continental sandstone in the Triassic Skagerrak Formation. In addition, gas has been proven in the Heimdal Formation, overlying the Ty Formation. The Ty Formation has good reservoir quality, while the Skagerrak Formation generally has poorer reservoir quality than both Ty and Hugin Formations. The reservoirs are at a depth of 2,300 metres.	14.02.2020
Recovery	The Hugin Formation reservoir is produced by pressure depletion. The reservoir in the Ty Formation was produced by dry gas recycling until 2005, and production from the Ty reservoir stopped in 2012. To optimise production, wells are produced at a reduced inlet pressure.	25.04.2019
Transport	Sales gas is exported from the Sleipner A facility via Gassled (Area D) to market. Unstable condensate is transported to the Kårstø terminal by pipeline.	16.03.2018
Status	Production is in the late tail phase. Work is ongoing to decrease the decline rate. Increased sand and water production due to pressure depletion of the reservoir is a challenge. CO2 injection in the Hugin reservoir is being evaluated to increase recovery. The exploration potential in the area and tie-in of nearby discoveries are being evaluated. It is planned that the facilities will be operated with power from shore starting in 2022, as part of the electrification of the Utsira High area.	26.02.2020

**Investments (expected)**

Future investments from 2019 [mill NOK 2019-kroner] : 838
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**Investments (historical)**

	Investments [mill NOK nominal values]
Sum	28765
2018	56
2017	90
2016	219
2015	344
2014	406
2013	488
2012	406
2011	201
2010	213
2009	562
2008	961
2007	503
2006	323
2005	297
2004	198



2003	65
2002	311
2001	290
2000	356
1999	162
1998	214
1997	23
1996	147
1995	284
1994	484
1993	3835
1992	6571
1991	4718
1990	3670
1989	1757
1988	538
1987	73

### Production , saleable



# NPD Factpages

## Field

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	Month	Net - oil [mill Sm3]	Net - gas [bill Sm3]	Net - condensate [mill Sm3]	Net - NGL [mill Sm3]	Net - oil equivalents [mill Sm3]
Sum		0.341456	197.384864	26.832274	25.307443	249.866037
2020		0.025519	0.106725	0.000000	0.026758	0.159002
2019		0.041652	0.170365	0.000000	0.041510	0.253527
2018		0.043215	0.192961	0.000000	0.045769	0.281945
2017		0.052767	0.138141	0.000000	0.032322	0.223230
2016		0.058753	0.292202	0.000000	0.056587	0.407542
2015		0.067935	0.349050	0.000000	0.074973	0.491958
2014		0.051615	1.511883	0.017880	0.086656	1.668034
2013		0.000000	5.939875	0.060071	0.141961	6.141907
2012		0.000000	6.895643	0.090722	0.209146	7.195511
2011		0.000000	8.098495	0.142569	0.262186	8.503250
2010		0.000000	8.088174	0.143849	0.311903	8.543926
2009		0.000000	10.083317	0.218891	0.405797	10.708005
2008		0.000000	11.335180	0.309336	0.484124	12.128640
2007		0.000000	13.420229	0.412751	0.610363	14.443343
2006		0.000000	13.215261	0.467099	0.699644	14.382004
2005		0.000000	14.321462	0.606960	0.805603	15.734025
2004		0.000000	12.691870	0.719983	0.903865	14.315718
2003		0.000000	13.232623	1.014870	1.083105	15.330598
2002		0.000000	13.480653	1.528643	1.733532	16.742828
2001		0.000000	11.641258	1.876867	1.821244	15.339369
2000		0.000000	11.805584	2.113172	1.854324	15.773080
1999		0.000000	8.069493	2.636656	2.206482	12.912631
1998		0.000000	7.197881	2.586032	2.102149	11.886062
1997		0.000000	7.500478	2.699619	2.187024	12.387121
1996		0.000000	7.625174	3.195352	2.548212	13.368738
1995		0.000000	5.195400	3.168372	2.488660	10.852432
1994		0.000000	3.951791	2.382600	1.784172	8.118563
1993		0.000000	0.833696	0.439980	0.299372	1.573048

### Production , sum wellbores



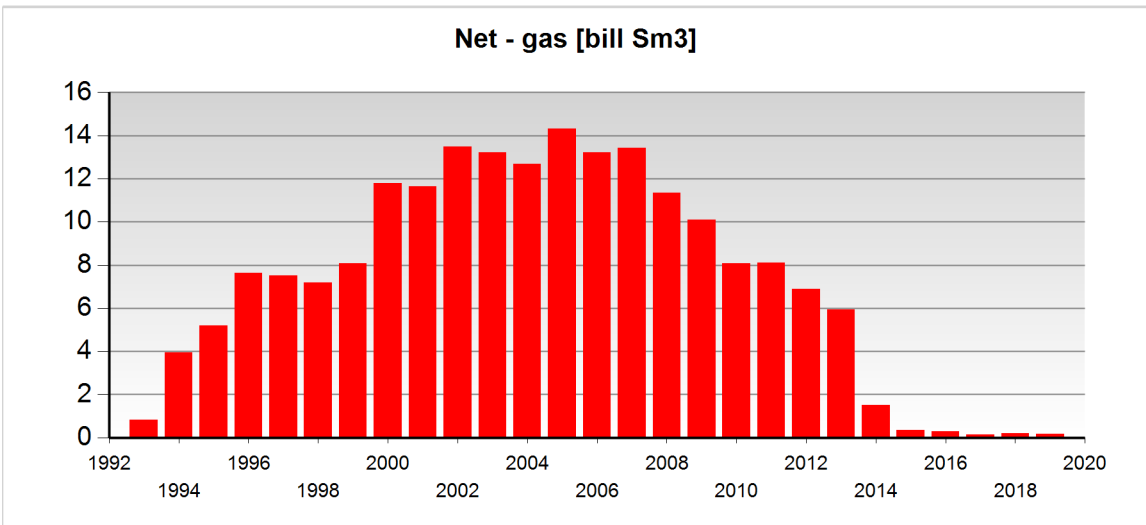
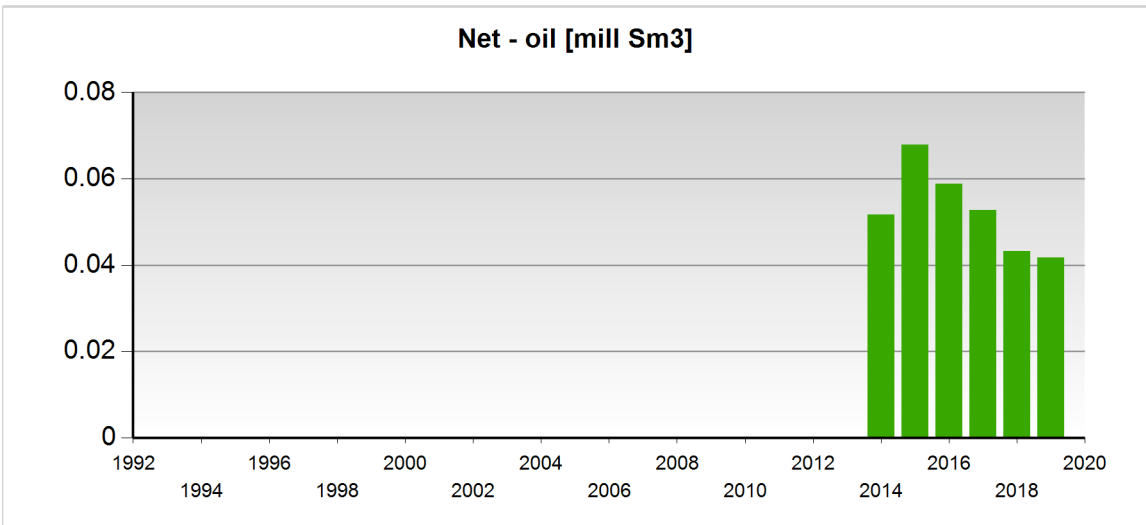
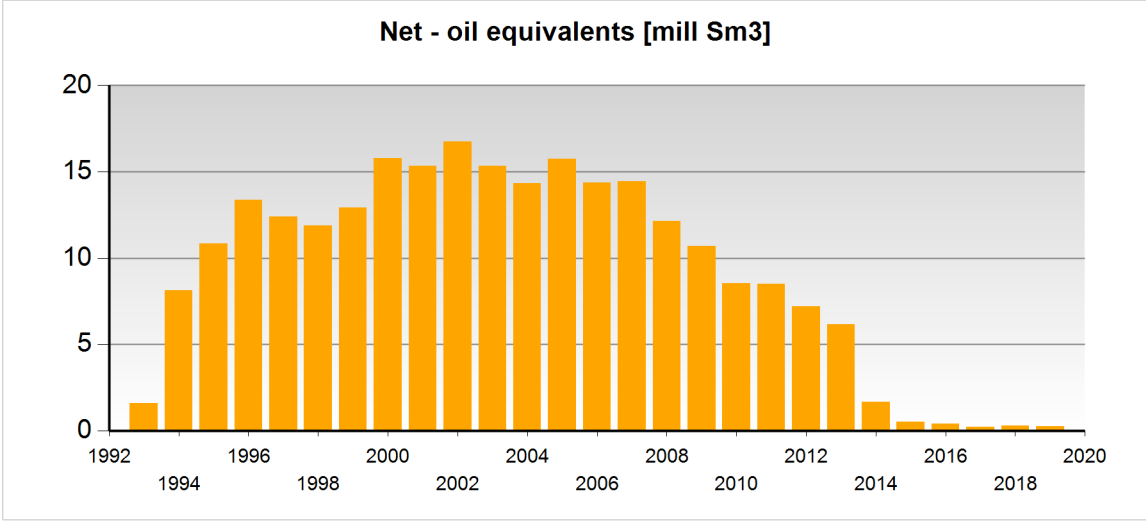
# NPD Factpages

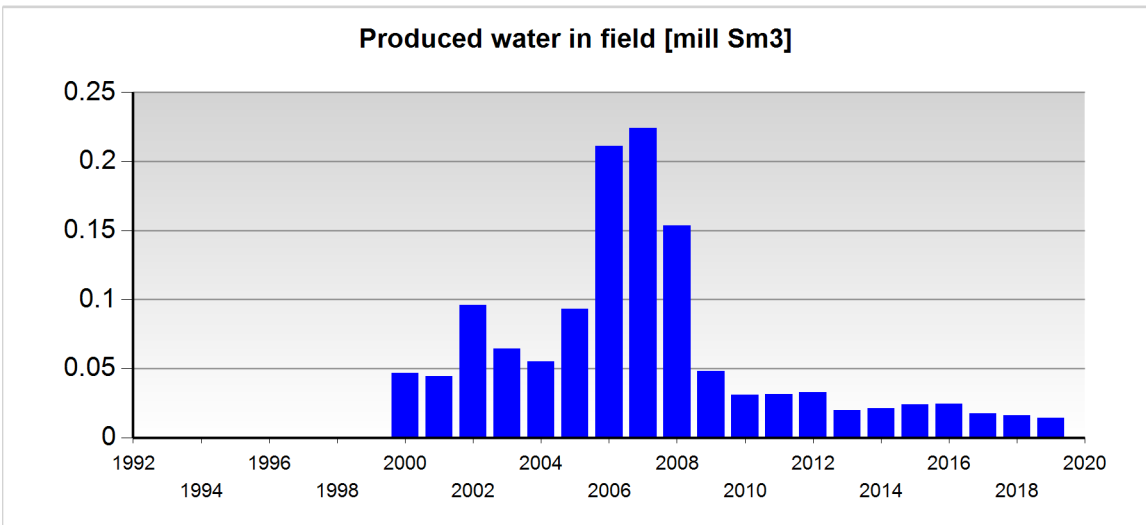
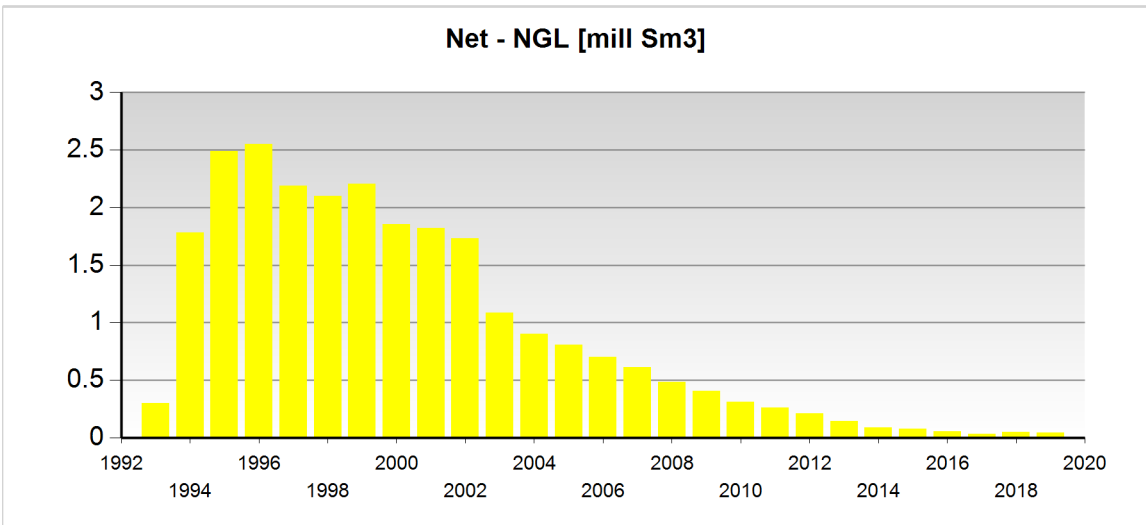
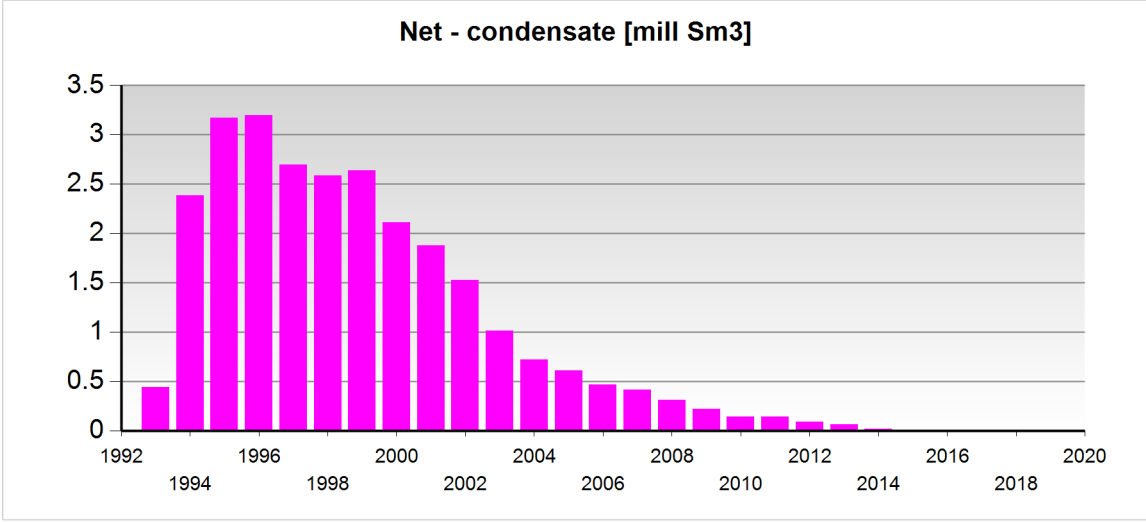
## Field

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	Month	Gross - oil [mill Sm3]	Gross - gas [bill Sm3]	Gross - condensate [mill Sm3]	Gross - oil equivalents [mill Sm3]
Sum		0.000000	100.619712	55.770647	156.390359
2020		0.000000	0.109418	0.059854	0.169272
2019		0.000000	0.175029	0.107989	0.283018
2018		0.000000	0.193368	0.118877	0.312245
2017		0.000000	0.135812	0.068759	0.204571
2016		0.000000	0.294393	0.133436	0.427829
2015		0.000000	0.354067	0.164696	0.518763
2014		0.000000	0.369868	0.175100	0.544968
2013		0.000000	0.446234	0.229403	0.675637
2012		0.000000	0.660071	0.350523	1.010594
2011		0.000000	0.937199	0.463767	1.400966
2010		0.000000	1.250855	0.509733	1.760588
2009		0.000000	2.079077	0.621018	2.700095
2008		0.000000	3.768615	0.873694	4.642309
2007		0.000000	4.733220	1.058932	5.792152
2006		0.000000	4.931997	1.211097	6.143094
2005		0.000000	5.748003	1.437178	7.185181
2004		0.000000	5.464820	1.637331	7.102151
2003		0.000000	5.538229	2.159766	7.697995
2002		0.000000	6.816798	3.327475	10.144273
2001		0.000000	7.365597	3.812764	11.178361
2000		0.000000	7.111043	4.310640	11.421683
1999		0.000000	7.441610	5.113046	12.554656
1998		0.000000	7.254411	5.238331	12.492742
1997		0.000000	7.217855	5.425087	12.642942
1996		0.000000	7.513916	6.020084	13.534000
1995		0.000000	7.034157	5.967261	13.001418
1994		0.000000	4.747486	4.346173	9.093659
1993		0.000000	0.926564	0.828633	1.755197

## Production - charts





Any produced water is only included after 1.1.2000

### Wellbores - exploration





Wellbore name	Entered date	Completed date	Purpose	Status	Content
<a href="#">15/9-9</a>	04.05.1981	14.07.1981	WILDCAT	P&A	GAS/CONDE NSATE
<a href="#">15/9-11</a>	18.09.1981	23.12.1981	APPRAISAL	P&A	GAS/CONDE NSATE
<a href="#">15/9-13</a>	21.03.1982	27.05.1982	APPRAISAL	P&A	GAS/CONDE NSATE
<a href="#">15/9-16</a>	28.06.1982	24.08.1982	APPRAISAL	P&A	GAS/CONDE NSATE
<a href="#">15/9-17</a>	09.12.1982	30.03.1983	WILDCAT	P&A	GAS/CONDE NSATE
<a href="#">15/9-17 R</a>	28.04.1991	04.05.1991	WILDCAT	P&A	GAS/CONDE NSATE
<a href="#">15/9-20 S</a>	16.02.1994	20.03.1994	WILDCAT	RE-CLASS TO DEV	GAS

### Wellbores - development

Wellbore name	Entered date	Completed date	Purpose	Content
<a href="#">15/9-A-1</a>				
<a href="#">15/9-A-4</a>	15.01.2000	10.03.2000	INJECTION	GAS
<a href="#">15/9-A-5</a>	29.08.1994	03.11.1994	PRODUCTION	GAS
<a href="#">15/9-A-6</a>	16.09.1993	06.10.1993	PRODUCTION	GAS
<a href="#">15/9-A-7</a>	31.12.2001	26.01.2002	PRODUCTION	GAS
<a href="#">15/9-A-8</a>	20.04.1995	07.03.1996	PRODUCTION	GAS
<a href="#">15/9-A-9</a>	22.05.1994	08.06.1994	PRODUCTION	GAS
<a href="#">15/9-A-10</a>	06.08.1993	02.09.1993	PRODUCTION	GAS
<a href="#">15/9-A-11</a>	01.07.2002	10.08.2002	PRODUCTION	GAS
<a href="#">15/9-A-12</a>	09.07.1995	02.08.1995	PRODUCTION	GAS
<a href="#">15/9-A-13</a>	14.11.2008	02.01.2009	OBSERVATION	NOT APPLICABLE
<a href="#">15/9-A-13 A</a>	06.01.2009	26.01.2009	PRODUCTION	GAS/CONDE NSATE
<a href="#">15/9-A-14</a>	09.08.2007	11.04.2008	PRODUCTION	GAS/CONDE NSATE
<a href="#">15/9-A-14 A</a>	07.05.2008	24.06.2008	PRODUCTION	GAS/CONDE NSATE
<a href="#">15/9-A-15</a>	12.01.1995	02.03.1995	PRODUCTION	GAS
<a href="#">15/9-A-16</a>	13.03.1996	04.04.1996	INJECTION	CO2
<a href="#">15/9-A-17</a>				
<a href="#">15/9-A-18</a>	12.03.2007	28.05.2007	PRODUCTION	GAS/CONDE NSATE
<a href="#">15/9-A-19</a>	28.05.1995	02.07.1995	INJECTION	GAS
<a href="#">15/9-A-20</a>	12.03.1995	14.04.1995	PRODUCTION	GAS
<a href="#">15/9-A-21</a>	09.11.1994	27.12.1994	PRODUCTION	GAS
<a href="#">15/9-A-22</a>	16.02.1994	20.03.1994	PRODUCTION	GAS
<a href="#">15/9-A-22 A</a>			PRODUCTION	



## Field

<a href="#">15/9-A-23</a>	27.09.1996	21.11.1996	INJECTION	GAS
<a href="#">15/9-A-23 A</a>	14.04.2005	17.05.2005	PRODUCTION	GAS
<a href="#">15/9-A-23 B</a>	13.03.2009	24.03.2009	PRODUCTION	GAS/CONDENSATE
<a href="#">15/9-A-24</a>	27.03.1994	07.05.1994	INJECTION	GAS
<a href="#">15/9-A-25</a>	07.07.2001	05.09.2001	PRODUCTION	GAS
<a href="#">15/9-A-26</a>	04.01.1994	30.01.1994	PRODUCTION	GAS
<a href="#">15/9-A-27</a>	01.07.1994	23.08.1994	INJECTION	WATER
<a href="#">15/9-A-28</a>	07.11.1993	18.12.1993	INJECTION	GAS
<a href="#">15/9-C-2 H</a>	13.10.1992	12.11.1992	PRODUCTION	GAS
<a href="#">15/9-C-2 AH</a>	28.03.1998	14.05.1998	PRODUCTION	GAS
<a href="#">15/9-D-1 H</a>	01.04.1993	16.04.1993	PRODUCTION	GAS
<a href="#">15/9-D-3 H</a>	03.03.1993	27.03.1993	PRODUCTION	GAS

## Wellbores - other

Wellbore name	Entered date	Completed date	Purpose	Status
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