

General information

Field name	ÅSGARD
Factmaps in new window	link
Current activity status	Producing
Discovery wellbore	6507/11-1
Discovery year.	1981
Main area	Norwegian Sea
Main supply base	Kristiansund
NPDID field	43765

Picture

Discoveries included

Discovery name
6506/12-1 Smørbukk
6507/11-1 Midgard
6506/12-3 Smørbukk Sør
6506/12-12 S
6506/9-3 (Smørbukk Nord)

Activity status - history

Status	Status from	Status to
Producing	19.05.1999	
Approved for production	14.06.1996	18.05.1999

Located in

Block name	Prod. licence
6507/11	062
6407/2	074
6506/12	094
6506/11	134
6407/3	237
6406/3	094 B
6506/9	479
6506/12	479

Owner - current



Owner kind	Owner name
BUSINESS ARRANGEMENT AREA	ÅSGARD UNIT

Operatorship - current

Company name
Equinor Energy AS

Licenseses - current

Company name	Nation code	Company share [%]
Petro AS	NO	35.690000
Equinor Energy AS	NO	34.570000
Vår Energi AS	NO	22.060000
Total E&P Norge AS	NO	7.680000

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]
105.85	222.14	41.52	17.11	423.99

Remaining oil [mill Sm3]	Remaining gas [bill Sm3]	Remaining NGL [mill tonn]	Remaining cond. [mill Sm3]	Remaining oil eq. [mill Sm3 o.e]
5.90	32.41	6.46	0.00	50.58

Orig. inplace oil [mill Sm3]	Orig. inplace ass. liquid [mill Sm3]	Orig. inplace ass. gas [bill Sm3]	Orig. inplace free gas [bill Sm3]
192.00	200.00	57.00	331.09

Description



Type	Text	Date updated
Development	Åsgard is a field in the central part of the Norwegian Sea. The water depth is 240-300 metres. Åsgard was discovered in 1981, and the plan for development and operation (PDO) was approved in 1996. The Åsgard field includes the deposits Smørbukk, Smørbukk Sør and Midgard. The field has been developed with subsea wells tied-back to a production, storage and offloading vessel (FPSO), Åsgard A. The development also includes Åsgard B, a floating, semi-submersible facility for gas and condensate processing. The gas centre is connected to a storage vessel for condensate, Åsgard C. Production started in 1999 and gas export started in 2000. The Åsgard facilities are an important part of the Norwegian Sea infrastructure. The Mikkel and Morvin fields are tied to Åsgard B for processing, and gas from Åsgard B is sent to the Tyrihans field for gas lift. The PDO for a gas compression facility at Midgard was approved in 2012. The Trestakk field is tied-in to Åsgard A.	26.02.2020
Reservoir	Åsgard produces gas and considerable amounts of condensate from Jurassic sandstone at depths of as much as 4,850 metres. The reservoir quality varies in the different formations, and there are large variations in the reservoir properties between the three deposits. The Smørbukk deposit is in a rotated fault block and contains gas, condensate and oil in the Åre, Tilje, Tofte, Ile and Garn Formations. The Smørbukk Sør deposit contains oil, gas and condensate in the Tilje, Ile and Garn Formations. The Midgard gas deposits are divided into four structural segments with the main reservoir in the Ile and Garn Formations.	25.04.2019
Recovery	Smørbukk is produced partly by pressure depletion and partly by injection of excess gas from the field. Smørbukk Sør is produced by pressure support from gas injection. Midgard is produced by pressure depletion.	11.04.2017
Transport	Oil and condensate are temporarily stored at Åsgard A, then shipped to land by tankers. The gas is exported through the Åsgard Transport System (ÅTS) to the terminal at Kårstø. The condensate from Åsgard is sold as oil.	27.02.2020
Status	Work is ongoing to increase the recovery from the field. Several new wells were drilled on the Åsgard field in 2019, and an extended well intervention campaign was conducted. Conversion of gas injection wells to gas production wells at Smørbukk is ongoing, and it is possible to switch between injection and production. This maintains gas injection in Smørbukk and Smørbukk Sør, and gas export volumes from the Åsgard field. Third party tie-ins to Åsgard will prolong the lifetime of the facilities.	26.02.2020

Investments (expected)

Future investments from 2019 [mill NOK 2019-kroner] : 12262

Investments (historical)

	Investments [mill NOK nominal values]
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Sum	96184
2018	1592
2017	1551
2016	2810
2015	4780
2014	7775
2013	6599
2012	5776
2011	5281
2010	1461
2009	2995
2008	2253
2007	2087
2006	1635
2005	1171
2004	1804
2003	590
2002	1018
2001	2179
2000	5818
1999	13602
1998	12934
1997	7690
1996	2783

Production , saleable



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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		100.280549	196.030053	17.112745	71.176622	384.599969
2020		0.935893	4.555775	0.000000	1.674640	7.166308
2019		1.728765	8.728399	0.000000	3.128335	13.585499
2018		1.996514	9.482434	0.000000	3.258618	14.737566
2017		2.330746	10.228406	0.000000	3.382349	15.941501
2016		2.544567	10.236958	0.000000	3.541206	16.322731
2015		2.732371	9.806201	0.000000	3.559528	16.098100
2014		3.050307	9.899469	0.000000	3.766828	16.716604
2013		3.165677	9.614166	0.000000	3.848725	16.628568
2012		4.000808	12.174073	0.000000	5.070356	21.245237
2011		3.932375	12.083356	0.000000	4.832356	20.848087
2010		5.026200	11.967451	0.000000	4.512396	21.506047
2009		5.729326	12.173652	0.000000	4.540093	22.443071
2008		5.948763	11.416920	0.000000	4.022466	21.388149
2007		6.793289	11.441035	0.000000	4.159661	22.393985
2006		4.836224	9.769862	2.209193	3.608942	20.424221
2005		4.637039	10.513223	3.350519	3.638852	22.139633
2004		5.658061	10.203367	3.852543	3.487932	23.201903
2003		6.943702	10.073247	4.329024	3.526422	24.872395
2002		8.231727	7.247312	2.592301	2.224499	20.295839
2001		8.319969	3.891718	0.681434	1.306401	14.199522
2000		7.837370	0.523029	0.097731	0.086017	8.544147
1999		3.900856	0.000000	0.000000	0.000000	3.900856

Production , sum wellbores



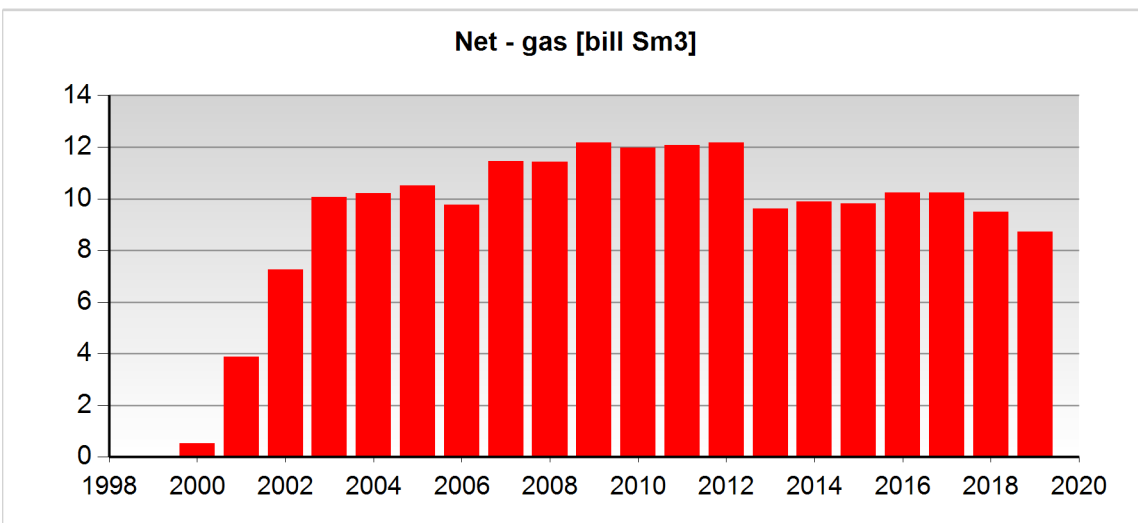
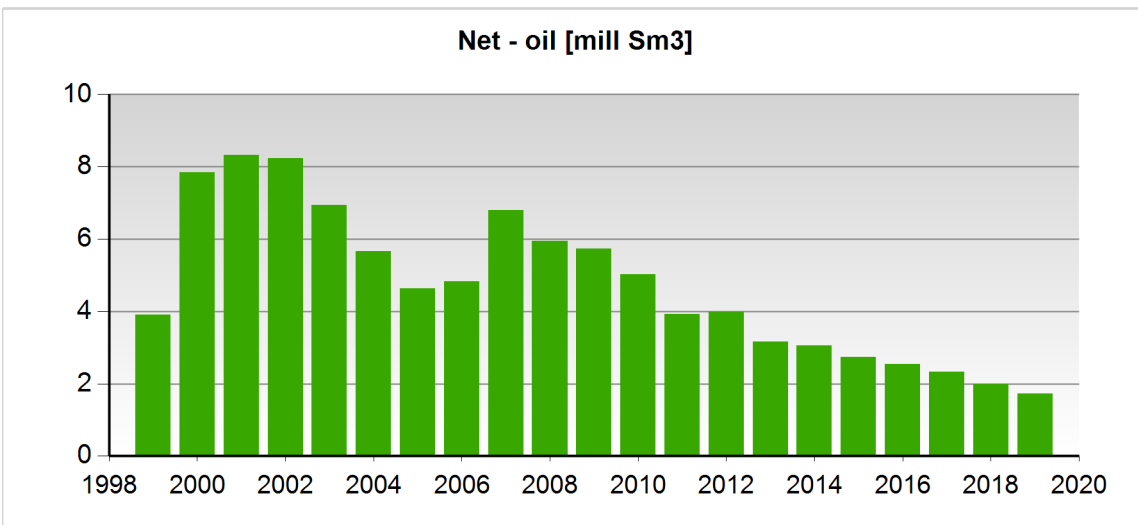
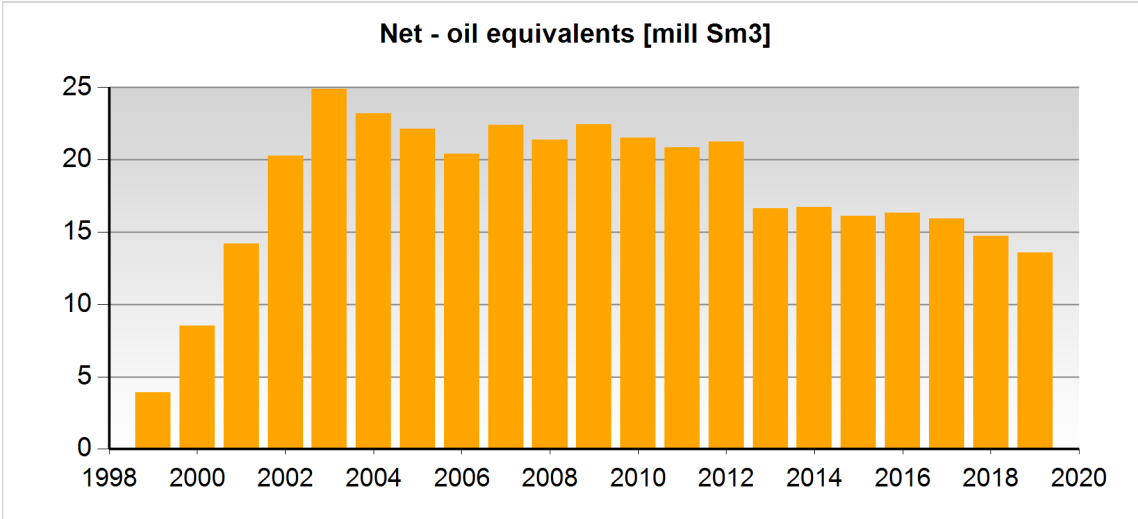
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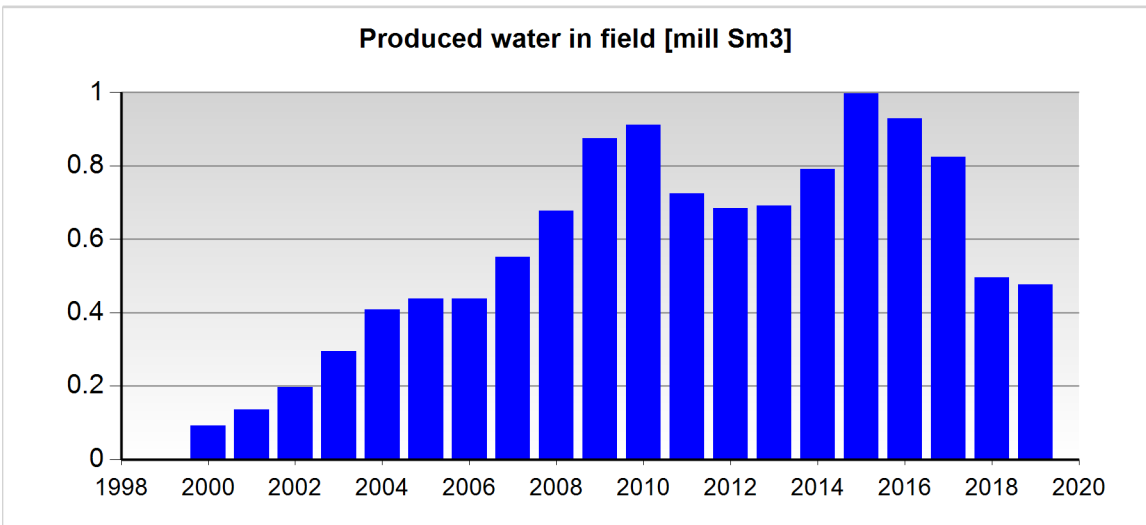
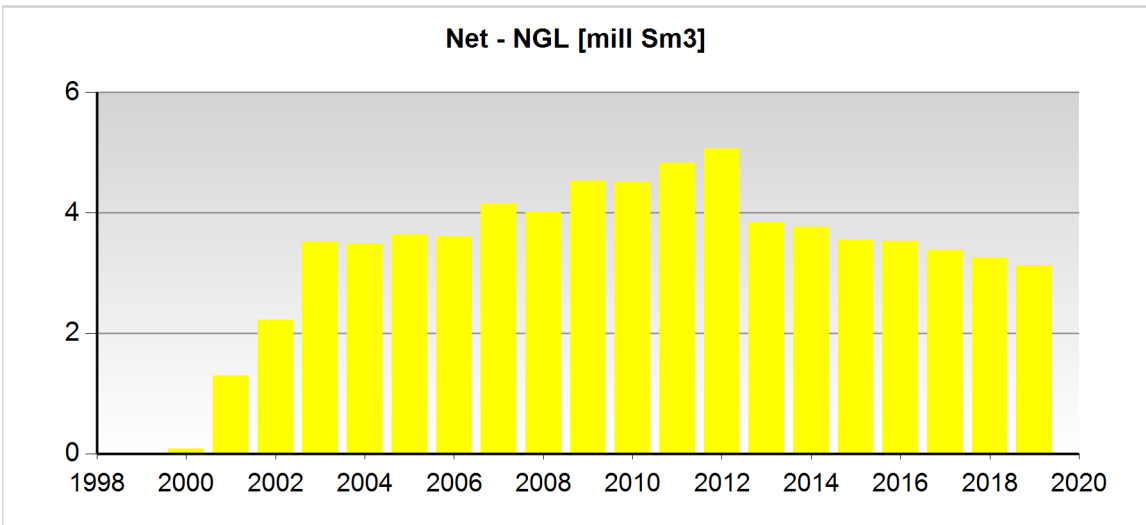
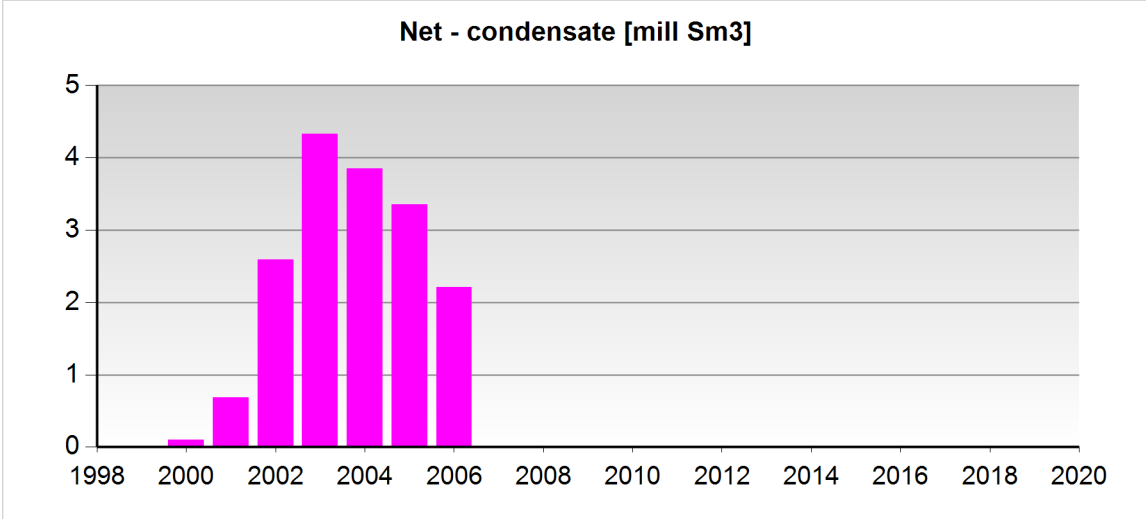
Field

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	Month	Gross - oil [mill Sm3]	Gross - gas [bill Sm3]	Gross - condensate [mill Sm3]	Gross - oil equivalents [mill Sm3]
Sum		68.790189	355.776447	50.150868	474.717504
2020		0.209633	6.356107	0.732165	7.297905
2019		0.331925	10.744720	1.465235	12.541880
2018		0.371105	12.022998	1.706587	14.100690
2017		0.754738	15.610338	1.655171	18.020247
2016		0.810132	15.939569	1.755639	18.505340
2015		0.925294	15.832753	1.807079	18.565126
2014		0.989037	16.651533	2.061273	19.701843
2013		0.916833	15.829225	2.248845	18.994903
2012		1.291527	18.453788	2.709281	22.454596
2011		1.362239	18.090706	2.570134	22.023079
2010		2.167664	20.199601	2.712044	25.079309
2009		2.589323	21.413730	2.998250	27.001303
2008		2.961133	21.694066	2.987628	27.642827
2007		3.621460	21.661462	3.171827	28.454749
2006		3.959422	20.581181	3.085996	27.626599
2005		4.637039	24.221198	3.940707	32.798944
2004		5.658061	24.527983	4.613557	34.799601
2003		6.943702	21.769092	4.557984	33.270778
2002		8.231727	16.105561	2.592301	26.929589
2001		8.319969	10.372769	0.681434	19.374172
2000		7.837370	5.727802	0.097731	13.662903
1999		3.900856	1.970265	0.000000	5.871121

Production - charts





Any produced water is only included after 1.1.2000

Wellbores - exploration



Wellbore name	Entered date	Completed date	Purpose	Status	Content
6406/3-3	04.08.1986	26.10.1986	APPRAISAL	P&A	SHOWS
6407/2-2	17.05.1983	31.07.1983	APPRAISAL	P&A	GAS/CONDE NSATE
6407/2-3	07.11.1986	23.01.1987	APPRAISAL	P&A	GAS/CONDE NSATE
6506/9-3	16.06.2013	27.08.2013	WILDCAT	P&A	GAS/CONDE NSATE
6506/11-4 S	11.02.1996	06.06.1996	APPRAISAL	RE-CLASS TO DEV	OIL
6506/11-5 S	10.09.1996	10.11.1996	APPRAISAL	RE-CLASS TO DEV	OIL/GAS
6506/12-1	16.08.1984	06.02.1985	WILDCAT	P&A	GAS/CONDE NSATE
6506/12-3	02.03.1985	17.07.1985	WILDCAT	P&A	OIL/GAS
6506/12-5	17.10.1985	27.03.1986	APPRAISAL	P&A	OIL
6506/12-6	31.03.1986	02.08.1986	APPRAISAL	P&A	GAS/CONDE NSATE
6506/12-7	04.05.1987	12.08.1987	APPRAISAL	P&A	GAS/CONDE NSATE
6506/12-8	04.06.1988	30.08.1988	APPRAISAL	P&A	OIL/GAS
6506/12-9 S	04.04.1993	10.09.1993	APPRAISAL	P&A	OIL/GAS
6506/12-10	21.04.1995	26.06.1995	APPRAISAL	P&A	SHOWS
6506/12-10 A	27.06.1995	11.12.1995	APPRAISAL	P&A	OIL/GAS
6506/12-11 S	08.06.1996	07.09.1996	APPRAISAL	P&A	OIL
6506/12-11 SR	12.11.1996	01.02.1997	APPRAISAL	RE-CLASS TO DEV	OIL
6506/12-12 A	06.08.2009	01.09.2009	APPRAISAL	RE-CLASS TO DEV	OIL/GAS
6506/12-12 S	01.06.2009	06.08.2009	WILDCAT	P&A	OIL/GAS
6507/11-1	13.09.1981	10.12.1981	WILDCAT	P&A	GAS/CONDE NSATE
6507/11-3	03.06.1985	15.08.1985	APPRAISAL	P&A	OIL/GAS
6507/11-5 S	05.09.1997	28.10.1997	APPRAISAL	RE-CLASS TO DEV	OIL/GAS

Wellbores - development

Wellbore name	Entered date	Completed date	Purpose	Content
6407/2-Z-2 H	17.05.2019	07.07.2019	PRODUCTION	GAS
6407/2-Z-3 H	09.07.2001	10.02.2002	PRODUCTION	GAS
6407/2-Z-4 H	30.04.2014	06.04.2015	PRODUCTION	GAS/CONDE NSATE
6506/11-E-3 H	18.07.2000	04.09.2000	INJECTION	GAS
6506/11-F-2 H	07.06.1999	28.07.1999	PRODUCTION	GAS
6506/11-F-3 H	27.01.2012	08.08.2012	PRODUCTION	OIL
6506/11-F-4 H	11.02.1996	06.06.1996	INJECTION	GAS



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6506/11-G-1 H	10.09.1996	10.11.1996	INJECTION	GAS
6506/11-G-2 H	27.02.2016	07.04.2016	INJECTION	GAS
6506/11-G-3 H	23.04.1997	05.07.1997	INJECTION	GAS
6506/11-G-4 H	11.07.1997	24.11.1998	INJECTION	GAS
6506/12-H-1 H	14.09.2000	30.11.2000	PRODUCTION	GAS
6506/12-H-2 H	27.07.2013	15.09.2013	PRODUCTION	OIL
6506/12-H-3 H	16.09.2000	26.10.2000	PRODUCTION	GAS
6506/12-H-4 H	26.07.2001	18.08.2001	PRODUCTION	GAS
6506/12-I-1 H	14.04.1998	17.05.1998	PRODUCTION	OIL
6506/12-I-1 AH	18.06.2008	23.08.2008	PRODUCTION	OIL
6506/12-I-2 H	09.04.1999	12.05.1999	PRODUCTION	OIL
6506/12-I-3 H	21.05.1998	01.07.1998	PRODUCTION	OIL
6506/12-I-3 AH	30.01.2020	03.04.2020	PRODUCTION	OIL
6506/12-I-4 H	08.06.1996	09.08.1996	PRODUCTION	OIL
6506/12-J-1 H	17.04.2007	18.07.2007	PRODUCTION	OIL
6506/12-J-2 H	22.08.1999	21.09.1999	PRODUCTION	GAS
6506/12-J-3 H	24.09.1999	28.10.1999	PRODUCTION	OIL
6506/12-J-4 H	09.12.2000	10.01.2001	PRODUCTION	OIL
6506/12-K-1 H	25.07.1998	31.08.1998	INJECTION	GAS
6506/12-K-2 H	21.08.1997	17.10.1997	PRODUCTION	GAS
6506/12-K-3 H	24.06.1997	17.08.1997	PRODUCTION	GAS
6506/12-K-4 H	13.04.2011	18.06.2011	PRODUCTION	OIL
6506/12-L-1 H	15.04.1997	21.06.1997	PRODUCTION	OIL
6506/12-L-2 H	28.06.1997	01.09.1997	PRODUCTION	OIL/GAS
6506/12-L-2 AH	02.03.1999	31.03.1999	PRODUCTION	OIL
6506/12-L-3 H	13.07.1998	11.08.1998	PRODUCTION	OIL
6506/12-L-4 H	04.01.1999	22.02.1999	PRODUCTION	OIL
6506/12-M-1 H	19.01.2001	12.02.2001	PRODUCTION	OIL
6506/12-M-1 AH	05.11.2017	27.03.2018	INJECTION	GAS
6506/12-M-2 H	17.09.2001	16.10.2001	PRODUCTION	OIL/GAS
6506/12-M-2 AH	03.02.2006	20.03.2006	PRODUCTION	OIL/GAS
6506/12-M-3 H	10.04.2000	06.06.2000	PRODUCTION	OIL/GAS
6506/12-M-4 H	20.10.2001	25.04.2002	PRODUCTION	OIL/GAS
6506/12-N-1 H	19.01.2004	22.03.2004	PRODUCTION	OIL
6506/12-NB-1 H	06.08.2009	01.09.2009	PRODUCTION	OIL/GAS
6506/12-N-2 H	23.08.2001	07.10.2001	PRODUCTION	OIL
6506/12-N-2 AH	19.08.2020	14.10.2020	PRODUCTION	OIL
6506/12-N-3 H	01.05.2001	03.06.2001	PRODUCTION	OIL
6506/12-N-3 AH	26.05.2018	02.07.2018	PRODUCTION	OIL
6506/12-N-4 H	07.05.2000	16.08.2000	PRODUCTION	OIL
6506/12-N-4 AH	04.12.2017	26.12.2017	PRODUCTION	OIL
6506/12-P-1 H	21.10.1998	20.11.1998	PRODUCTION	OIL
6506/12-P-1 AH	20.07.2011	31.08.2011	OBSERVATION	OIL



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6506/12-P-1 BH	03.09.2011	25.09.2011	PRODUCTION	OIL
6506/12-P-1 CH	30.07.2019	03.09.2019	PRODUCTION	GAS/CONDENSATE
6506/12-PB-1 Y1H	13.05.2015	21.07.2015	PRODUCTION	OIL
6506/12-PB-1 Y2H	22.07.2015	15.08.2015	PRODUCTION	OIL
6506/12-P-2 H	17.02.1998	10.04.1998	PRODUCTION	OIL
6506/12-P-2 Y2H	10.04.2012	08.05.2012	PRODUCTION	OIL
6506/12-P-3 H	12.08.1997	05.11.1997	PRODUCTION	OIL/GAS
6506/12-P-3 AH	09.11.1997	06.12.1997	PRODUCTION	OIL
6506/12-P-4 H	25.08.2001	12.09.2001	PRODUCTION	OIL
6506/12-PB-4 H	26.12.2015	05.02.2016	INJECTION	GAS
6506/12-P-4 AH	22.06.2009	03.08.2009	PRODUCTION	OIL
6506/12-Q-1 H	27.05.2006	14.07.2006	OBSERVATION	OIL
6506/12-Q-1 AY1H	17.07.2006	12.08.2006	PRODUCTION	OIL
6506/12-Q-1 AY2H	13.08.2006	30.08.2006	PRODUCTION	OIL
6506/12-Q-2 H	03.05.2004	28.06.2004	OBSERVATION	NOT APPLICABLE
6506/12-Q-2 AH	01.07.2004	23.07.2004	PRODUCTION	OIL
6506/12-Q-3 H	26.08.2005	09.10.2005	OBSERVATION	NOT APPLICABLE
6506/12-Q-3 AH	16.10.2005	21.11.2005	PRODUCTION	OIL
6506/12-Q-3 BH	17.02.2014	09.04.2014	PRODUCTION	OIL
6506/12-Q-4 H	26.10.2006	09.01.2007	OBSERVATION	OIL
6506/12-Q-4 AY1H	13.01.2007	23.03.2007	PRODUCTION	OIL
6506/12-Q-4 AY2H	24.03.2007	02.05.2007	PRODUCTION	OIL
6506/12-Q-5 Y1H	28.10.2006	11.11.2009	PRODUCTION	GAS/CONDENSATE
6506/12-Q-5 Y2H	12.11.2009	11.12.2009	PRODUCTION	GAS/CONDENSATE
6506/12-R-1 H	01.02.1997	01.04.1997	INJECTION	GAS
6506/12-R-2 H	17.06.1998	19.07.1998	INJECTION	GAS
6506/12-R-3 Y2H	23.07.2008	13.08.2008	INJECTION	GAS
6506/12-R-3 Y1H	04.07.2007	22.07.2008	INJECTION	GAS
6506/12-R-4 H	25.12.1997	06.02.1998	INJECTION	GAS
6506/12-S-1 H	02.11.1997	28.12.1997	OBSERVATION	NOT APPLICABLE
6506/12-S-1 AH	02.01.1998	08.03.1998	PRODUCTION	OIL
6506/12-S-2 H	08.04.1998	07.06.1998	PRODUCTION	OIL
6506/12-S-3 H	18.08.1998	17.10.1998	PRODUCTION	OIL



6506/12-S-3 AH	23.08.2016	22.09.2016	PRODUCTION	OIL
6506/12-S-4 H	25.02.2001	12.04.2001	OBSERVATION	NOT APPLICABLE
6506/12-S-4 AH	14.04.2001	27.04.2001	PRODUCTION	OIL
6506/12-S-4 BH	04.11.2016	03.12.2016	PRODUCTION	OIL
6507/11-X-1 H	07.12.1999	11.04.2000	PRODUCTION	GAS
6507/11-X-2 H	05.01.2000	05.04.2000	PRODUCTION	GAS
6507/11-X-3 H	06.01.2000	09.07.2000	PRODUCTION	GAS
6507/11-X-4 H	09.01.2000	16.03.2000	PRODUCTION	NOT APPLICABLE
6507/11-X-4 AH	17.06.2000	10.02.2001	PRODUCTION	GAS
6507/11-Y-1 H	08.09.1998	26.01.2000	PRODUCTION	GAS
6507/11-Y-1 AH	15.08.2012	25.08.2012	PRODUCTION	GAS
6507/11-Y-2 H	26.09.1998	15.10.1998	PRODUCTION	GAS
6507/11-Y-3 H	05.09.1997	28.10.1997	PRODUCTION	GAS
6507/11-Y-4 H	15.11.1999	01.01.2000	PRODUCTION	GAS

Wellbores - other

Wellbore name	Entered date	Completed date	Purpose	Status
6506/12-U-14	06.10.2008	06.10.2008	SOIL DRILLING	P&A
6506/12-U-15	30.05.2009	01.06.2009	SHALLOW GAS	P&A