

**General information**

Field name	JOHAN SVERDRUP
Factmaps in new window	link to map
Current activity status	Producing
Discovery wellbore	16/2-6
Discovery year.	2010
Main area	North sea
Main supply base	Dusavik
NPDID field	26376286

Picture

Picture not available

Discoveries included

Discovery name
16/2-6 Johan Sverdrup

Activity status - history

Status	Status from	Status to
Producing	05.10.2019	
Approved for production	18.06.2015	04.10.2019

Located in

Block name	Prod. licence
16/2	501
16/5	502
16/3	501
16/2	265
16/3	501 B

PDO - Plan for Development and Operations

Date PDO approved	Description	Type
29.04.2019	Fase 2 behandlet i Stortinget	PDO
18.06.2015	Fase I behandlet i Stortinget	PDO

Owner - current

Owner kind	Owner name
BUSINESS ARRANGEMENT AREA	JOHAN SVERDRUP UNIT

Operatorship - current





Company name

[Equinor Energy AS](#)**Licensees - current**

Company name	Nation code	Company share [%]
Equinor Energy AS	NO	42.626700
Aker BP ASA	NO	31.573300
Petoro AS	NO	17.360000
TotalEnergies EP Norge AS	NO	8.440000

Norwegian Offshore Directorate - estimate for reserves (Norwegian share)

Valid date: 31.12.2023

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]
389.41	10.78	3.73	0.00	407.28

Remaining oil [mill Sm3]	Remaining gas [bill Sm3]	Remaining NGL [mill tonn]	Remaining cond. [mill Sm3]	Remaining oil eq. [mill Sm3 o.e]
262.21	6.38	2.04	0.00	272.47

Orig. inplace oil [mill Sm3]	Orig. inplace ass. liquid [mill Sm3]	Orig. inplace ass. gas [bill Sm3]	Orig. inplace free gas [bill Sm3]
588.00	0.00	24.00	0.00

Description

Type	Text	Date updated
Development	Johan Sverdrup is a field on the Utsira High in the central part of the North Sea, 65 kilometres northeast of the Sleipner fields. The water depth is 115 metres. Johan Sverdrup was discovered in 2010 and the plan for development and operation (PDO) for Phase I was approved in 2015. The development solution for the first development phase is a field centre with four specialised platforms: living quarters, process, drilling and riser facilities. The four platforms are connected by bridges. The drilling platform has 48 well slots and is prepared for simultaneous drilling, well intervention and production. The field is operated with power from shore. In 2019, the production from Phase I started and the PDO for Phase II was approved. It includes a process platform and five subsea templates, in addition to modifications on the riser platform. The production from Phase II started in 2022/2023.	13.12.2023



Reservoir	The main reservoir contains oil in Upper Jurassic intra-Draupne sandstone. The reservoir depth is 1900 metres. The quality of the main reservoir is excellent with very high permeability. The remaining oil resources are in sandstone in the Upper Triassic Statfjord Group and Middle to Upper Jurassic Vestland Group, as well as in spiculites in the Upper Jurassic Viking Group. Oil was also proven in Permian Zechstein carbonates.	13.12.2023
Recovery strategy	The field is produced by water injection as pressure support, as well as gas lift in the production wells.	13.12.2023
Transport	Stabilised oil is exported from the riser platform through a new oil export pipeline that is connected to existing underground storage caverns at the Mongstad terminal. The gas is exported from the riser platform to the Kårstø terminal through a new pipeline connected to Statpipe.	28.02.2023
Status	Johan Sverdrup accounts for about one third of the Norwegian oil production. The field is currently producing with high regularity at plateau, close to the current oil handling capacity. The oil handling capacity was increased after a capacity test in May 2023.	13.12.2023

Investments (expected)

The operators future investments related to the reservers from 2023 [mill NOK 2023-kroner]. The stated investment estimate has not been corrected for possible investment sharing.	31995
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Investments (historical)

	Investments [mill NOK nominal values]
Sum	116893
2022	10198
2021	8773
2020	12021
2019	17537
2018	16519
2017	21855
2016	22246
2015	7744
2014	0

Production , saleable

	Month	Net - oil [mill Sm3]	Net - gas [bill Sm3]	Net - condensate [mill Sm3]	Net - NGL [mill Sm3]	Net - oil equivalents [mill Sm3]
Sum		134.885525	4.638271	0.000000	3.381336	142.905132
2024		6.560753	0.228855	0.000000	0.141969	6.931577
	1	3.488082	0.121707	0.000000	0.073631	3.683420
	2	3.072671	0.107148	0.000000	0.068338	3.248157





Factpages

Field

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2023		41.289182	1.381368	0.000000	0.822209	43.492759
	1	2.992231	0.108196	0.000000	0.061774	3.162201
	2	2.861717	0.101093	0.000000	0.055722	3.018532
	3	3.519448	0.055038	0.000000	0.031686	3.606172
	4	3.394701	0.118538	0.000000	0.072414	3.585653
	5	3.512885	0.125198	0.000000	0.076643	3.714726
	6	3.606576	0.126409	0.000000	0.077716	3.810701
	7	3.658852	0.128126	0.000000	0.076360	3.863338
	8	3.629894	0.126575	0.000000	0.076827	3.833296
	9	3.437739	0.120272	0.000000	0.071365	3.629376
	10	3.679669	0.128390	0.000000	0.074928	3.882987
	11	3.313472	0.115577	0.000000	0.068299	3.497348
	12	3.681998	0.127956	0.000000	0.078475	3.888429
2022		29.210740	1.040771	0.000000	0.603430	30.854941
	1	2.323241	0.083555	0.000000	0.052662	2.459458
	2	2.395229	0.086765	0.000000	0.050191	2.532185
	3	2.621223	0.094258	0.000000	0.051146	2.766627
	4	2.564798	0.094551	0.000000	0.053333	2.712682
	5	2.646227	0.096351	0.000000	0.057280	2.799858
	6	1.633746	0.059457	0.000000	0.034995	1.728198
	7	1.889087	0.070059	0.000000	0.039083	1.998229
	8	2.640032	0.096301	0.000000	0.055021	2.791354
	9	2.557499	0.089838	0.000000	0.053553	2.700890
	10	2.654366	0.083173	0.000000	0.048251	2.785790
	11	2.533238	0.086641	0.000000	0.050206	2.670085
	12	2.752054	0.099822	0.000000	0.057709	2.909585
2021		29.635845	1.012068	0.000000	0.877077	31.524990
	1	2.491683	0.083020	0.000000	0.086098	2.660801
	2	2.248122	0.075501	0.000000	0.077863	2.401486
	3	2.340831	0.077409	0.000000	0.080712	2.498952
	4	2.408831	0.080449	0.000000	0.077796	2.567076
	5	2.642196	0.088110	0.000000	0.079174	2.809480
	6	2.494055	0.083656	0.000000	0.073697	2.651408
	7	2.314063	0.076843	0.000000	0.076081	2.466987
	8	2.646751	0.090570	0.000000	0.077447	2.814768
	9	2.558165	0.089504	0.000000	0.070811	2.718480
	10	2.652027	0.094335	0.000000	0.065376	2.811738
	11	2.197127	0.077156	0.000000	0.051355	2.325638
	12	2.641994	0.095515	0.000000	0.060667	2.798176
2020		24.465169	0.841144	0.000000	0.800628	26.106941
	1	1.567898	0.054201	0.000000	0.054141	1.676240
	2	1.743165	0.059925	0.000000	0.059796	1.862886
	3	1.804022	0.062646	0.000000	0.059420	1.926088



Factpages

Field

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2020	4	1.960454	0.064674	0.000000	0.052751	2.077879
	5	2.236723	0.079861	0.000000	0.067399	2.383983
	6	1.797570	0.062329	0.000000	0.062393	1.922292
	7	2.277942	0.079808	0.000000	0.073008	2.430758
	8	2.328187	0.078704	0.000000	0.080461	2.487352
	9	1.702983	0.058088	0.000000	0.055039	1.816110
	10	2.310964	0.078918	0.000000	0.078774	2.468656
	11	2.290248	0.078292	0.000000	0.075664	2.444204
	12	2.445013	0.083698	0.000000	0.081782	2.610493
2019		3.723836	0.134065	0.000000	0.136023	3.993924
	8	0.000000	0.000000	0.000000	0.000000	0.000000
	9	0.000000	0.000000	0.000000	0.000000	0.000000
	10	0.468534	0.020154	0.000000	0.021734	0.510422
	11	1.513109	0.053303	0.000000	0.053149	1.619561
	12	1.742193	0.060608	0.000000	0.061140	1.863941

Production , sum wellbores

	Month	Gross - oil [mill Sm3]	Gross - gas [bill Sm3]	Gross - condensate [mill Sm3]	Gross - oil equivalents [mill Sm3]
Sum		134.484230	5.760465	0.000000	140.244695
2024		6.524679	0.271542	0.000000	6.796221
	1	3.467523	0.144138	0.000000	3.611661
	2	3.057156	0.127404	0.000000	3.184560
2023		41.056566	1.708175	0.000000	42.764741
	1	2.978945	0.125089	0.000000	3.104034
	2	2.847118	0.117644	0.000000	2.964762
	3	3.495400	0.146211	0.000000	3.641611
	4	3.374056	0.140041	0.000000	3.514097
	5	3.494036	0.147871	0.000000	3.641907
	6	3.586304	0.149779	0.000000	3.736083
	7	3.639448	0.151001	0.000000	3.790449
	8	3.610652	0.149448	0.000000	3.760100
	9	3.418540	0.141766	0.000000	3.560306
	10	3.659908	0.151367	0.000000	3.811275
	11	3.291430	0.136414	0.000000	3.427844
	12	3.660729	0.151544	0.000000	3.812273
2022		29.097416	1.246663	0.000000	30.344079
	1	2.315141	0.099138	0.000000	2.414279
	2	2.380239	0.101508	0.000000	2.481747
	3	2.614636	0.112969	0.000000	2.727605
	4	2.549820	0.110187	0.000000	2.660007
	5	2.635804	0.113342	0.000000	2.749146
	6	1.623323	0.069797	0.000000	1.693120



Factpages

Field

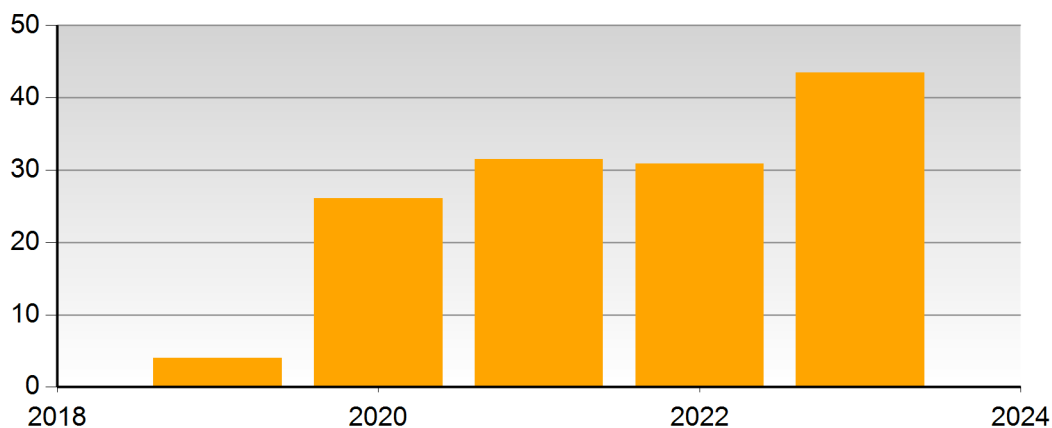
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2022	7	1.881106	0.080782	0.000000	1.961888
	8	2.634457	0.112362	0.000000	2.746819
	9	2.550971	0.108019	0.000000	2.658990
	10	2.636517	0.110231	0.000000	2.746748
	11	2.520008	0.109598	0.000000	2.629606
	12	2.755394	0.118730	0.000000	2.874124
2021		29.515917	1.269424	0.000000	30.785341
	1	2.482297	0.107891	0.000000	2.590188
	2	2.243140	0.096850	0.000000	2.339990
	3	2.328329	0.100658	0.000000	2.428987
	4	2.400474	0.102427	0.000000	2.502901
	5	2.630499	0.112384	0.000000	2.742883
	6	2.487255	0.106244	0.000000	2.593499
	7	2.305874	0.098816	0.000000	2.404690
	8	2.634631	0.113163	0.000000	2.747794
	9	2.550230	0.109842	0.000000	2.660072
	10	2.638487	0.113565	0.000000	2.752052
	11	2.182932	0.093994	0.000000	2.276926
	12	2.631769	0.113590	0.000000	2.745359
2020		24.398641	1.086937	0.000000	25.485578
	1	1.561339	0.070970	0.000000	1.632309
	2	1.734225	0.077730	0.000000	1.811955
	3	1.805901	0.080893	0.000000	1.886794
	4	1.950026	0.086721	0.000000	2.036747
	5	2.234732	0.102627	0.000000	2.337359
	6	1.794044	0.080586	0.000000	1.874630
	7	2.272462	0.101095	0.000000	2.373557
	8	2.323831	0.102752	0.000000	2.426583
	9	1.694985	0.074468	0.000000	1.769453
	10	2.304335	0.102085	0.000000	2.406420
	11	2.281581	0.100220	0.000000	2.381801
	12	2.441180	0.106790	0.000000	2.547970
2019		3.891011	0.177724	0.000000	4.068735
	8	0.000000	0.000000	0.000000	0.000000
	9	0.000000	0.000000	0.000000	0.000000
	10	0.638247	0.029654	0.000000	0.667901
	11	1.513202	0.069109	0.000000	1.582311
	12	1.739562	0.078961	0.000000	1.818523

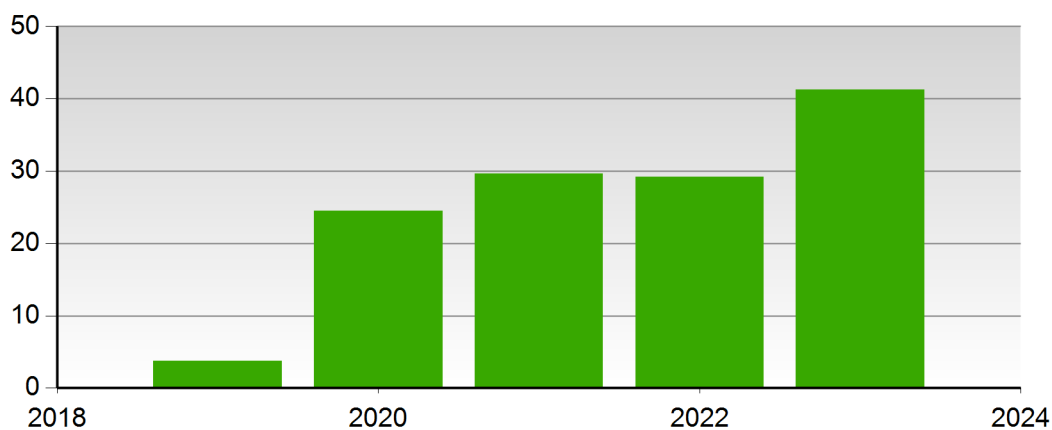


Production - charts

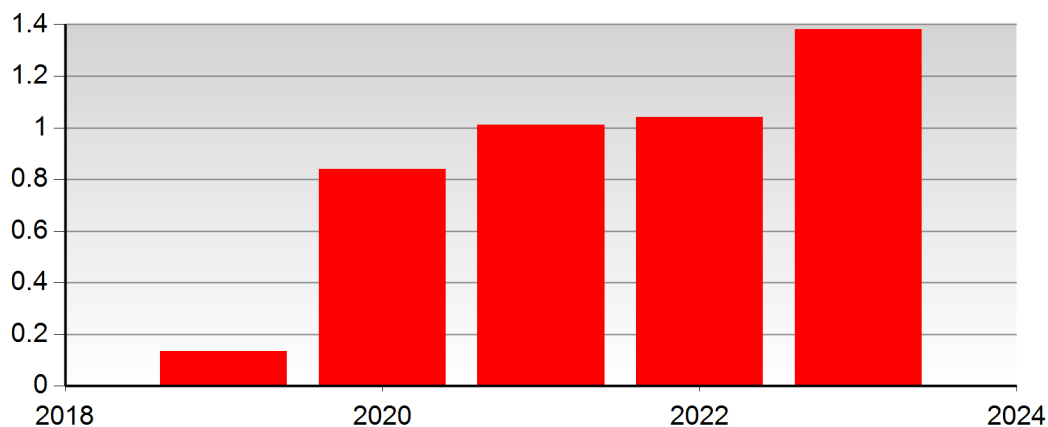
Net - oil equivalents [mill Sm3]



Net - oil [mill Sm3]

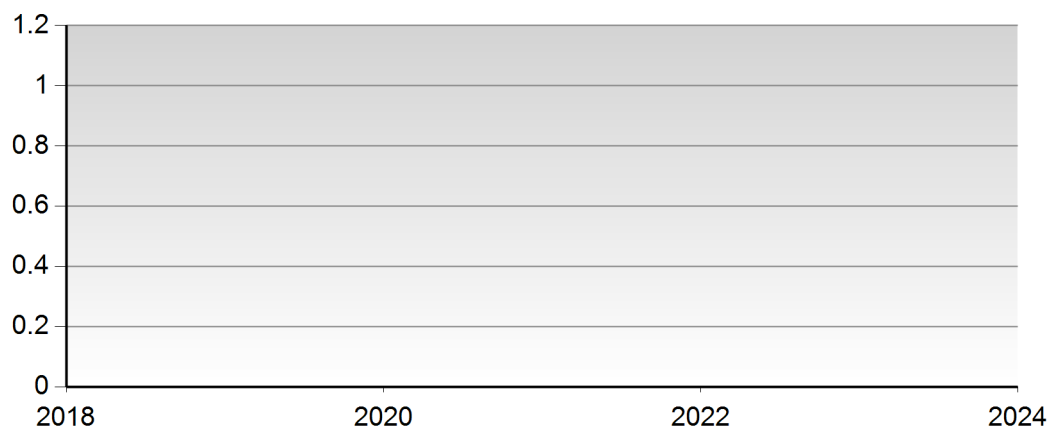


Net - gas [bill Sm3]

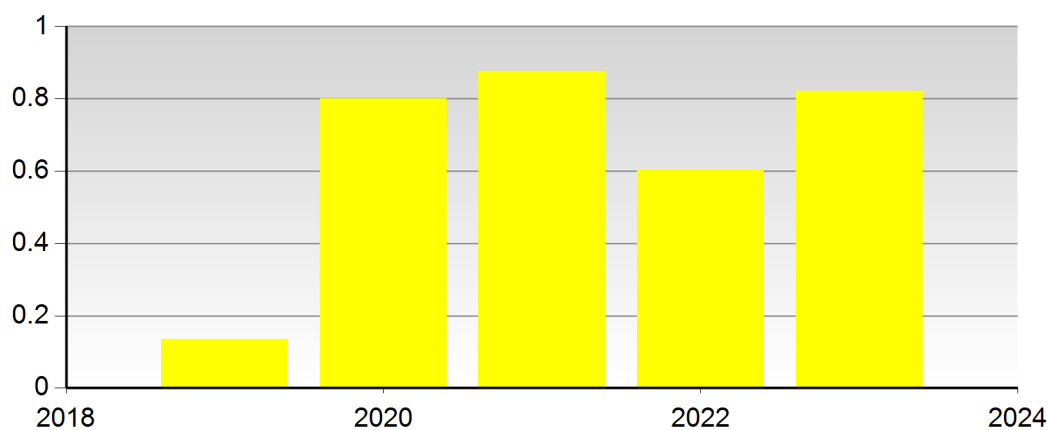




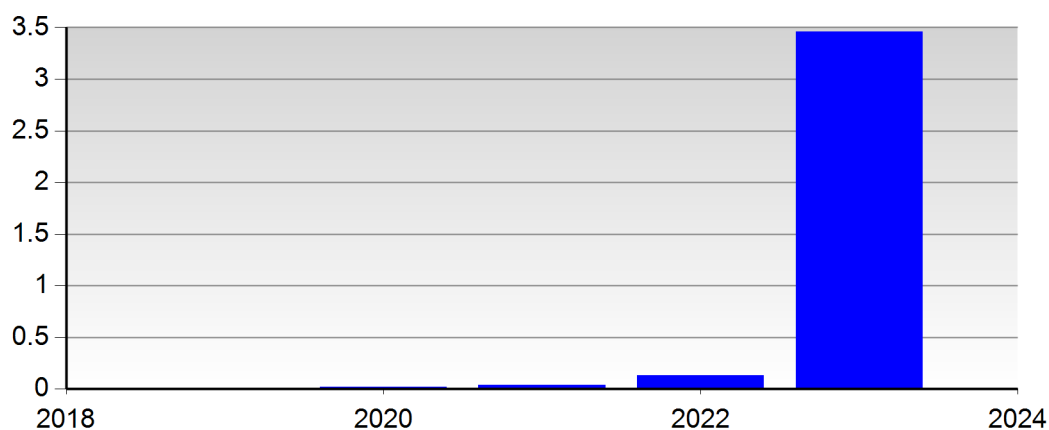
Net - condensate [mill Sm3]



Net - NGL [mill Sm3]



Produced water in field [mill Sm3]



Any produced water is only included after 1.1.2000

**Wellbores - exploration**

Wellbore name	Entered date	Completed date	Purpose	Status	Content
16/2-6	20.07.2010	20.09.2010	WILDCAT	P&A	OIL
16/2-7	19.07.2011	01.09.2011	APPRAISAL	P&A	OIL
16/2-7 A	02.09.2011	29.09.2011	APPRAISAL	P&A	OIL
16/2-8	17.07.2011	19.08.2011	APPRAISAL	P&A	OIL
16/2-9 S	21.08.2011	24.09.2011	APPRAISAL	P&A	OIL
16/2-10	27.09.2011	28.10.2011	APPRAISAL	P&A	OIL
16/2-11	03.02.2012	29.03.2012	APPRAISAL	P&A	OIL
16/2-11 A	29.03.2012	04.05.2012	APPRAISAL	P&A	OIL
16/2-12	25.07.2012	06.09.2012	APPRAISAL	P&A	OIL
16/2-13 A	30.08.2012	29.09.2012	APPRAISAL	P&A	OIL
16/2-13 S	24.07.2012	30.08.2012	APPRAISAL	P&A	OIL
16/2-14	14.09.2012	17.11.2012	APPRAISAL	P&A	OIL
16/2-15	21.11.2012	13.01.2013	APPRAISAL	P&A	OIL
16/2-16	11.11.2012	12.12.2012	APPRAISAL	P&A	OIL
16/2-16 A	13.12.2012	07.02.2013	APPRAISAL	P&A	OIL
16/2-17 B	20.05.2013	16.06.2013	APPRAISAL	P&A	SHOWS
16/2-17 S	24.03.2013	20.05.2013	APPRAISAL	P&A	OIL
16/2-19	01.03.2014	03.04.2014	APPRAISAL	P&A	OIL
16/2-19 A	03.04.2014	03.05.2014	APPRAISAL	P&A	OIL
16/2-21	05.05.2013	07.06.2013	APPRAISAL	P&A	OIL
16/2-22 A			APPRAISAL	WILL NEVER BE DRILLED	
16/2-22 S	16.01.2017	28.01.2017	APPRAISAL	P&A	OIL
16/3-4	16.05.2011	28.06.2011	APPRAISAL	P&A	OIL
16/3-4 A	28.06.2011	18.07.2011	APPRAISAL	P&A	OIL
16/3-5	04.01.2013	07.03.2013	APPRAISAL	P&A	OIL
16/3-6	10.06.2013	16.07.2013	APPRAISAL	P&A	OIL
16/3-7	30.09.2013	08.11.2013	APPRAISAL	P&A	OIL SHOWS
16/3-8 A	18.03.2014	01.04.2014	APPRAISAL	P&A	OIL
16/3-8 S	01.01.2014	16.03.2014	APPRAISAL	P&A	OIL
16/5-2 S	28.11.2011	28.01.2012	APPRAISAL	P&A	OIL SHOWS
16/5-3	20.02.2013	20.03.2013	APPRAISAL	P&A	OIL
16/5-4	23.08.2013	28.09.2013	APPRAISAL	P&A	OIL

Wellbores - development

Wellbore name	Entered date	Completed date	Purpose	Content
16/2-D-1	27.05.2023	17.06.2023	PRODUCTION	OIL
16/2-D-2	05.08.2021	02.01.2023	PRODUCTION	OIL
16/2-D-3	28.08.2023	28.09.2023	PRODUCTION	



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16/2-D-4	07.03.2022	04.04.2022	PRODUCTION	OIL
16/2-D-5	24.05.2021	23.07.2021	PRODUCTION	OIL
16/2-D-6	24.02.2020	30.03.2020	PRODUCTION	OIL
16/2-D-7	23.10.2021	22.02.2022	PRODUCTION	OIL
16/2-D-8	10.07.2022	05.08.2022	PRODUCTION	OIL
16/2-D-9	21.04.2016	25.06.2016	PRODUCTION	OIL
16/2-D-10	14.04.2016	14.08.2016	PRODUCTION	OIL
16/2-D-11	04.03.2016	31.03.2016	PRODUCTION	OIL
16/2-D-12	24.04.2016	05.06.2016	PRODUCTION	OIL
16/2-D-13	10.04.2016	02.08.2016	PRODUCTION	OIL
16/2-D-14	21.08.2016	01.11.2016	PRODUCTION	OIL
16/2-D-15	17.04.2016	15.07.2016	PRODUCTION	OIL
16/2-D-16	25.08.2016	25.10.2016	PRODUCTION	OIL
16/2-D-17	27.01.2021	25.02.2021	PRODUCTION	OIL
16/2-D-18	08.01.2020	09.02.2020	PRODUCTION	OIL
16/2-D-19	09.03.2023	30.03.2023	PRODUCTION	OIL
16/2-D-20	15.04.2020	23.05.2020	PRODUCTION	OIL
16/2-D-21	24.12.2023	26.01.2024	PRODUCTION	OIL
16/2-D-21 A			PRODUCTION	
16/2-D-22	17.12.2020	17.01.2021	OBSERVATION	NOT APPLICABLE
16/2-D-23	11.08.2020	14.09.2020	PRODUCTION	OIL
16/2-D-24	30.09.2023	31.10.2023	PRODUCTION	OIL
16/2-D-28	16.01.2023	25.02.2023	PRODUCTION	OIL
16/2-D-32	17.11.2021	04.06.2022	PRODUCTION	OIL
16/2-D-35	06.11.2023	20.12.2023	PRODUCTION	OIL
16/2-D-36	14.04.2022	29.08.2022	PRODUCTION	OIL
16/2-D-37	09.09.2022	03.10.2022	INJECTION	WATER/GAS
16/2-D-38			PRODUCTION	
16/2-D-39			PRODUCTION	
16/2-D-40			INJECTION	
16/2-D-41	25.06.2020	29.07.2020	INJECTION	WATER/GAS
16/2-D-42	06.10.2020	14.05.2021	INJECTION	WATER/GAS
16/2-D-43	14.10.2022	07.11.2022	INJECTION	WATER/GAS
16/2-D-44	06.04.2024		INJECTION	
16/2-D-45	15.04.2023	09.05.2023	INJECTION	WATER/GAS
16/2-D-46	14.06.2021	13.10.2021	INJECTION	WATER/GAS
16/2-D-47	19.07.2023	23.08.2023	INJECTION	
16/2-D-48			INJECTION	
16/2-E-1 H	12.06.2017	07.08.2017	INJECTION	WATER/GAS
16/2-E-2 H	09.06.2017	02.07.2017	INJECTION	WATER/GAS
16/2-E-3 H	21.07.2017	31.07.2017	INJECTION	WATER/GAS
16/2-E-4 H	10.08.2018	27.08.2018	INJECTION	WATER/GAS



16/2-F-11 H	13.02.2017	07.03.2017	INJECTION	WATER/GAS
16/2-F-12 H	10.03.2017	08.05.2017	INJECTION	WATER/GAS
16/2-F-13 H	15.03.2017	23.05.2017	INJECTION	WATER/GAS
16/2-F-14 H	13.03.2017	09.04.2017	INJECTION	WATER/GAS
16/2-G-1 H	07.08.2018	19.09.2018	INJECTION	WATER/GAS
16/2-G-2 H	20.02.2018	13.03.2018	INJECTION	WATER/GAS
16/2-G-3 H	21.08.2017	08.10.2017	INJECTION	WATER/GAS
16/2-G-4 H	25.08.2017	18.09.2017	INJECTION	WATER/GAS
16/2-H-1 H	12.11.2022	29.04.2023	PRODUCTION	OIL
16/2-H-2 H	26.11.2022	28.05.2023	PRODUCTION	OIL
16/2-H-3 H	20.11.2022	09.07.2023	INJECTION	
16/2-H-3 AH	10.07.2023	28.07.2023	INJECTION	
16/3-O-1 H	15.01.2024	22.02.2024	PRODUCTION	OIL
16/3-O-2 H	16.01.2022	11.08.2022	PRODUCTION	OIL
16/3-O-3 H	18.01.2024	06.03.2024	PRODUCTION	OIL
16/3-O-4 H	30.01.2022	16.06.2022	PRODUCTION	OIL
16/3-P-1 H	26.01.2022	27.03.2023	INJECTION	WATER/GAS
16/3-P-2 H	20.01.2022	31.08.2023	INJECTION	
16/3-P-4 H	23.01.2022	10.09.2022	INJECTION	WATER/GAS
16/3-Q-1 H	22.06.2023	19.09.2023	PRODUCTION	
16/3-Q-2 H	23.09.2023	10.10.2023	PRODUCTION	
16/3-Q-4 H	16.11.2023	12.12.2023	INJECTION	
16/5-K-1 H	27.01.2024	28.01.2024	PRODUCTION	OIL
16/5-K-2 H	05.02.2024		PRODUCTION	
16/5-K-3 H	06.12.2022	03.01.2023	PRODUCTION	OIL
16/5-K-4 H	09.12.2022	03.02.2023	PRODUCTION	OIL

Wellbores - other

Wellbore name	Entered date	Completed date	Purpose	Status
16/2-U-7	05.05.2014	07.05.2014	SHALLOW GAS	P&A
16/2-U-18	05.11.2016	28.11.2016	APPRAISAL	P&A
16/2-U-19	29.11.2016	12.12.2016	APPRAISAL	P&A
16/3-U-1	13.12.2016	24.12.2016	APPRAISAL	P&A
16/3-U-1 A	24.12.2016	10.01.2017	APPRAISAL	P&A
16/3-U-1 B	10.01.2017	15.01.2017	APPRAISAL	P&A