



## **PL 277C – Licence status report**



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## Summary

Reference is made to the notification on PL277C license drop decision to NPD dated 14<sup>th</sup> of February 2021.

This report outlines the key license history, the database, prospects and the technical evaluation of the production license PL277C and fulfils the requirement by the NPD for a license status report within 3 months of relinquishment.

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## 1 Licence history

<b><u>Licence:</u></b>	PL277C	
<b><u>Awarded:</u></b>	14.02.2020	
<b><u>License period:</u></b>	Expires 14.02.2022 Initial period; 4 years	
<b><u>License group:</u></b>	Equinor Energy AS	51% (Operator)
	Petoro As	30%
	OMV (Norge) AS	19%

**License area:** 35.22 km<sup>2</sup>

### **Work programme:**

#### **Meetings held:**

20.02.2020	MC meeting
28.05.2020	AC meeting-Maturation plan
20.10.2021	AC Workmeeting, Status

### **Work performed:**

2020:	License award
2020/2021:	Geological/geophysical evaluation of prospectivity
2021:	Evaluation of 34/10-J-1 BH results Statfjord Gp
2021:	License decision to surrender license

### **Reason for surrender:**

A prospect called Skinfaks Sør N1C was drilled as an exploration extension from the injection slot 34/10-J-1 BH in August 2021. The Statfjord prospect is classified as dry with poor properties. The Statfjord Gp result from 34/10-J-1 BH was an important datapoint for final evaluation and drop recommendation of the Skinfaks Sør N1A Statfjord prospect in the DoD of the PL277C license.

## 2 Database overviews

### 2.1 Seismic data

Common seismic database is the Seismic survey 3D CGG18M01 PSTM covering the total area of the license. The survey (together with the earlier version CGG17M01 PSTM) formed the basis of the seismic interpretation in the license.

The common seismic database is found in the table below. The seismic surveys are covering the total area of the license. The CGG 18M01 NVG PSDM survey formed the basis of the seismic interpretation in the license, due to the processing improvement with regards to random noise and multiples, while compared with the previous vintages.

Seismic survey	2D/3D	Year	Quality
NNS_MEGASURVEYPLUS_PHASE1	3D	2014	Good
ST11005Z11_APCBM	3D	2011	Good
CGG 17M01 NVG PSTM (CGG 16001 NVG)	3D	2016	Good
CGG 18M01 NVG PSDM	3D	2016	Good

### 2.2 Well data

Table 1. Key wells in common database

Well	Year	Drilling operator	Present license	Status	Age at TD
29/3-1	1986	Total	Open	P&A	Early Jurassic
33/12-6	1976	Mobil Exploration	PL152	P&A	Late Triassic
33/12-8 S	2002	Statoil	PL152	P&A	Early Jurassic
33/12-8 A	2002	Statoil	PL152	P&A	Middle Jurassic
34/10-38 S	1995	Statoil	PL050	P&A	Late Triassic
34/10-J-4 H, 34/10-44 S	2001	Statoil	PL050	Gas injector	Late Triassic
34/10-30	1986	Statoil	PL050	P&A	Late Triassic
34/10-35	1992	Statoil	PL050	P&A	Early Jurassic

34/10-K-2 H	1998	Statoil	PL050	P&A	Early Jurassic
33/12-9 S	2012	Statoil	PL152	P&A	Middle Jurassic
34/10-J-1BH	2021	Equinor	PL277/PL152	Gas injector	Early Jurassic

### 3 Results of geological and geophysical studies

The application securing the PL277C in 2020, focused on the Middle Jurassic Brent Gp and Lower Jurassic Staffjord Gp closures, located in the southernmost part of the Skinfaks Ridge containing a lot of discoveries. The main prospect of the application was the Lower Jurassic Skinfaks Sør N1A Staffjord prospect.

The main risk of the Lower Jurassic play in the area was reservoir quality based on the downflank well 29/3-1 with a non-productive reservoir of the Staffjord Gp

The Skinfaks Sør N1A prospect was worked up by studying all the available seismic and well data. The result of the studies improved the understanding of the opportunities and provided support for volumetric input parameters and risk assessment.

The studies/work completed for PL277C were following:

- Mapping with focus on the Middle and Lower Jurassic prospectivity on CGG18M01 PSTM
- Well-ties of key wells.
- Lower and Middle Jurassic reservoir quality and prediction (petrology and sedimentology)
- Seismic data analysis for enhanced understanding of depositional model
- Petrophysical analysis
- Prospect evaluation
- Prospect volume calculations and risk estimation

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## 4 Prospect update report

The main risk of the main prospect Skinfaks Sør N1A was reservoir properties due to tight reservoir sandstones in the Statfjord Gp observed in the downflank well 29/3-1.

In August 2021, the well 34/10-J-1BH tested the Statfjord reservoir in the Skinfaks Sør N1C segment to the north. The results from this well was a very important datapoint for final evaluation of the prospect Skinfaks Sør N1A. The well was dry and encountered Statfjord sandstones with poor properties and confirmed the results from the downflank well 29/3-1.

The expected resource potential for the Skinfaks Sør N1A prospect has been reduced due to the poor well results of Statfjord Gp in well 34/10-J1 BH. The Skinfaks Sør N1A prospect was the main driver for the license application and the remaining Skinfaks Sør N1B Ness, the Skinfaks Sør N1A+B Tarbert and Etive/Rannoch prospects are considered of low value.

## 5 Technical evaluation

Contact observations from the 34/10-J-1BH well confirmed that the Brent discovery in Skinfaks Sør N1C does not extend into the PL277C license.

A technical assessment of development of potential new discoveries in the area has been performed. Prospects in the PL277C license is not reachable from existing subsea templates in the Gullfaks Satellite area. Due to the reduced resource potential and costly development concepts, further development of the area has been deemed non-commercial.

## 6 Conclusion

The work programme for PL277C has been fulfilled. The prospect Skinfaks Sør N1A has been evaluated within the specified time frame and geological and geophysical studies have been completed. After a full evaluation of the PL277C area, the license recommends dropping the license due to the negative well results of 34/10-J-1 BH and poor remaining potential. The PL277C Management Committee has therefore decided to allow the license to be surrendered.



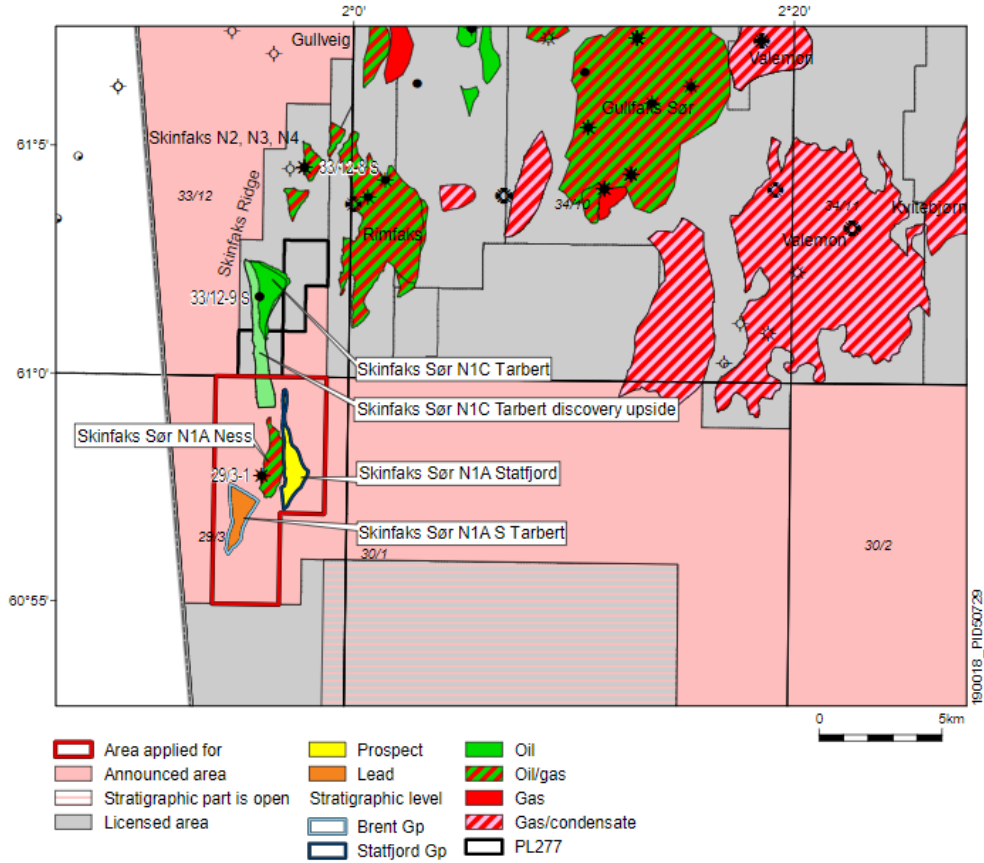


Figure 1 Overview map from the APA application summary

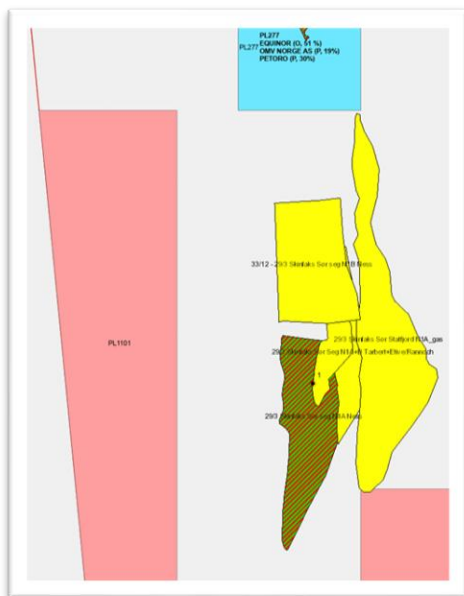


Figure 2 Overview map of remaining prospectivity and Ness discovery in 29/3-1

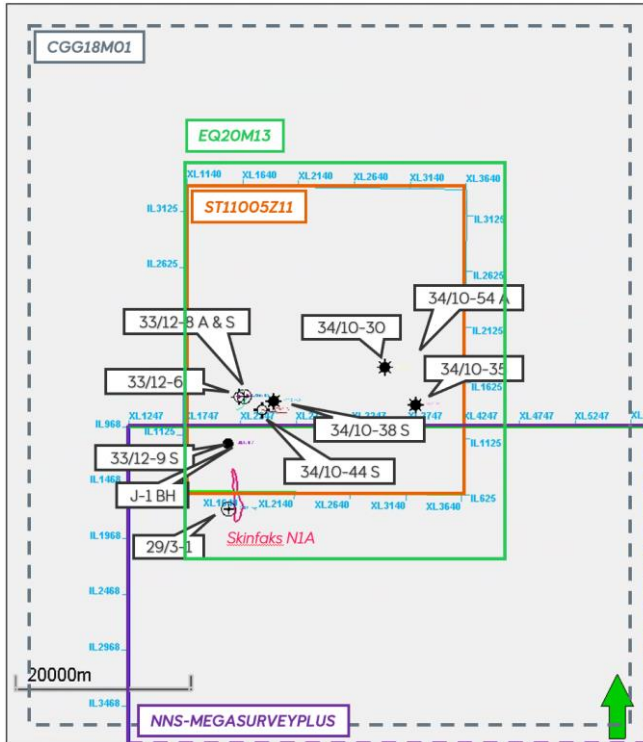


Figure 3 Coverage of the Seismic Surveys vs. Prospect location

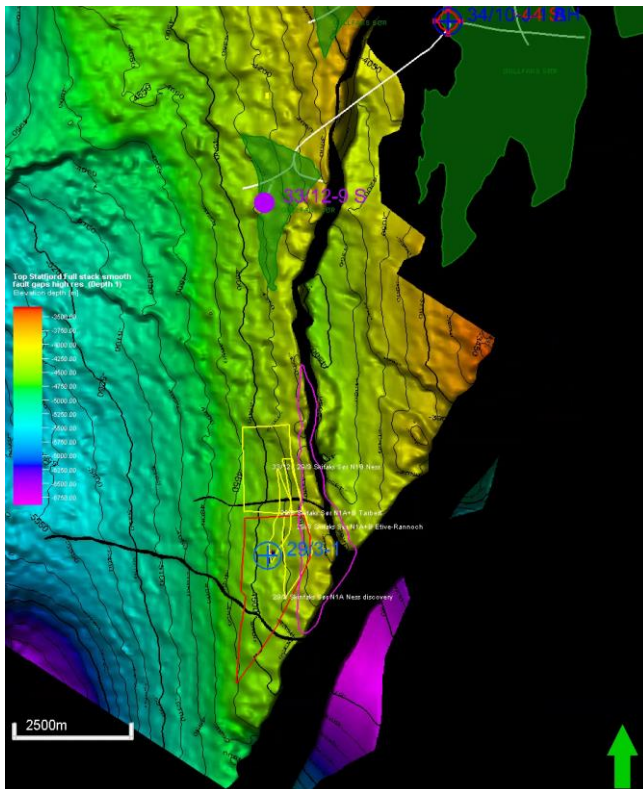


Figure 4 Structural Map of Top Staffjord with Ness (29/3-1) and Tarbert (33/12-9S) Discoveries and Brent and Staffjord Prospects



**Table 1 Revised prospect table scheme for remaining prospectivity inside license;, Skinfaks Sør N1A Statfjord Eiriksson and Nansen gas case**

Block	NO 29/3	Prospect name	29/3 Skinfaks Sør N1A Eiriksson_gas	Discovery/Prospect/Lead		Prospect ID		NPD will insert	NPD Approved (Y/N)	NPD will insert
Play name	NPD will insert value	New Play (Y/N)	NPD will insert value	Outside play (Y/N)	NPD will insert value				Assessment year	2022
Oil, gas or O&G case	Gas	Reported by company	Equinor Energy AS	Reference document						
This is case nr		Structural element		Type of trap	Faulted four-way (rotated fault block / horst)	Water depth	131	Seismic database (2D/3D)		
Resources in-place and recoverable		Main phase		Associated phase						
Volumes, this case		Low (P90)	Base, Mode	Base, Mean	High (P10)	Low (P90)	Base, Mo	Base, Mean	High (P10)	
In-place resources	Oil (10 <sup>9</sup> Sm <sup>3</sup> ) (>0.00)									
	Gas (10 <sup>9</sup> Sm <sup>3</sup> ) (>0.00)	0.90		1.32	1.33	1.79	0.43	0.51	0.70	1.00
Recoverable resources	Oil (10 <sup>9</sup> Sm <sup>3</sup> ) (>0.00)							0.12	0.17	0.21
	Gas (10 <sup>9</sup> Sm <sup>3</sup> ) (>0.00)	0.59		0.83	0.88	1.18				0.30
Reservoir Chrono (from)	Jurassic/Jurassic Early	Reservoir Litho (from)		Source rock, chrono primary		Source rock, litho primary			Seal, chrono	
Reservoir Chrono (to)		Reservoir Litho (to)		Source rock, chrono secondary		Source rock, litho secondary			Seal, litho	
Probability (fraction)										
Total (oil + gas + oil&gas case) (0.00 - 1.00)		0.18	Oil case (0.00 - 1.00)	0.00	Gas case (0.00 - 1.00)	1.00	Oil and gas case (0.00 - 1.00)	0.00		
Reservoir (P1) (0.00 - 1.00)		0.20	Trap (P2) (0.00 - 1.00)	0.90	Charge (P3) (0.00 - 1.00)	1.00	Retention (P4) (0.00 - 1.00)	1.00		
Parameters		Low (P90)	Base	High (P10)						
Depth to top of prospect (m MSL) (>0.0)		3968.2		4009.1		4058.1	Retention (P4) is included in Trap (P2).			
Area of closure (km2) (>0.0)		1.5		2.2		2.8				
Reservoir thickness (m) (>0.0)		187.5		190.0		212.3				
HC column in prospect (m) (>0.0)		227.2		231.3		210.4				
Gross rock vol (10 <sup>6</sup> m <sup>3</sup> ) (>0.000)		0.1036		0.1801		0.2398				
Net to Gross (fraction) (0.00-1.00)		0.313		0.382		0.479				
Porosity (fraction) (0.00-1.00)		0.112		0.123		0.137				
Permeability (mD) (>0.0)		0.453		0.881		1.697				
Water saturation (fraction) (0.00-1.00)		0.333		0.390		0.439				
Bg (Rm <sup>3</sup> /Sm <sup>3</sup> ) (<1.0000)		0.0036		0.0038		0.0039				
HBo (Sm <sup>3</sup> /Rm <sup>3</sup> ) (<1.00)										
GOR, free gas (Sm <sup>3</sup> /Sm <sup>3</sup> ) (>0.0)		1469.0		1906.5		2725.5				
GOR, oil (Sm <sup>3</sup> /Sm <sup>3</sup> ) (>0.0)										
RF, oil main phase (fraction) (0.00-1.00)										
RF, gas ass phase (fraction) (0.00-1.00)										
RF, gas main phase (fraction) (0.00-1.00)		0.62		0.66		0.70				
RF, oil ass phase (fraction) (0.00-1.00)		0.25		0.30		0.35				
Temperature, top res (°C) (>0.0)		150.00								
Pressure, top res (bar) (>0.0)		530.00								
For NPD use:										
Innrap. av geolog-nit										
Date:										
NPD will insert value										
Registrert - nit										
NPD will insert value										
Registrert - Dato										
NPD will insert value										
Kart oppdatert										
NPD will insert value										
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NPD will insert value										
Kart nr										
NPD will insert value										
NPD will insert value										
Cut off criteria for NiG calculation	1	2	3							

Block	NO 29/3	Prospect name	29/3 Skinfaks Sør N1A Nansen_gas	Discovery/Prospect/Lead		Prospect ID		NPD will insert	NPD Approved (Y/N)	NPD will insert
Play name	NPD will insert value	New Play (Y/N)	NPD will insert value	Outside play (Y/N)	NPD will insert value				Assessment year	2022
Oil, gas or O&G case	Gas	Reported by company	Equinor Energy AS	Reference document						
This is case nr		Structural element		Type of trap	Faulted four-way (rotated fault block / horst)	Water depth	131	Seismic database (2D/3D)		
Resources in-place and recoverable		Main phase		Associated phase						
Volumes, this case		Low (P90)	Base, Mode	Base, Mean	High (P10)	Low (P90)	Base, Mo	Base, Mean	High (P10)	
In-place resources	Oil (10 <sup>9</sup> Sm <sup>3</sup> ) (>0.00)									
	Gas (10 <sup>9</sup> Sm <sup>3</sup> ) (>0.00)	0.48		0.59	0.70	0.97	0.22	0.33	0.36	0.53
Recoverable resources	Oil (10 <sup>9</sup> Sm <sup>3</sup> ) (>0.00)							0.06	0.09	0.11
	Gas (10 <sup>9</sup> Sm <sup>3</sup> ) (>0.00)	0.31		0.41	0.46	0.64				0.16
Reservoir Chrono (from)	Jurassic/Jurassic Early	Reservoir Litho (from)		Source rock, chrono primary		Source rock, litho primary			Seal, chrono	
Reservoir Chrono (to)		Reservoir Litho (to)		Source rock, chrono secondary		Source rock, litho secondary			Seal, litho	
Probability (fraction)										
Total (oil + gas + oil&gas case) (0.00 - 1.00)		0.27	Oil case (0.00 - 1.00)	0.90	Gas case (0.00 - 1.00)	1.00	Oil and gas case (0.00 - 1.00)	0.00		
Reservoir (P1) (0.00 - 1.00)		0.30	Trap (P2) (0.00 - 1.00)	0.90	Charge (P3) (0.00 - 1.00)	1.00	Retention (P4) (0.00 - 1.00)	1.00		
Parameters		Low (P90)	Base	High (P10)						
Depth to top of prospect (m MSL) (>0.0)		3950.0		3950.0		3950.0	Retention (P4) is included in Trap (P2).			
Area of closure (km2) (>0.0)		1.5		2.3		2.8				
Reservoir thickness (m) (>0.0)		36.9		42.5		48.1				
HC column in prospect (m) (>0.0)		237.1		283.4		307.5				
Gross rock vol (10 <sup>6</sup> m <sup>3</sup> ) (>0.000)		0.0525		0.0802		0.1038				
Net to Gross (fraction) (0.00-1.00)		0.321		0.435		0.584				
Porosity (fraction) (0.00-1.00)		0.113		0.125		0.142				
Permeability (mD) (>0.0)		0.584		1.221		2.520				
Water saturation (fraction) (0.00-1.00)		0.331		0.387		0.438				
Bg (Rm <sup>3</sup> /Sm <sup>3</sup> ) (<1.0000)		0.0036		0.0038		0.0039				
HBo (Sm <sup>3</sup> /Rm <sup>3</sup> ) (<1.00)										
GOR, free gas (Sm <sup>3</sup> /Sm <sup>3</sup> ) (>0.0)		1469.0		1906.5		2725.5				
GOR, oil (Sm <sup>3</sup> /Sm <sup>3</sup> ) (>0.0)										
RF, oil main phase (fraction) (0.00-1.00)										
RF, gas ass phase (fraction) (0.00-1.00)										
RF, gas main phase (fraction) (0.00-1.00)		0.62		0.66		0.70				
RF, oil ass phase (fraction) (0.00-1.00)		0.25		0.30		0.35				
Temperature, top res (°C) (>0.0)		150.00								
Pressure, top res (bar) (>0.0)		530.00								
For NPD use:										
Innrap. av geolog-nit										
Date:										
NPD will insert value										
Registrert - nit										
NPD will insert value										
Registrert - Dato										
NPD will insert value										
Kart oppdatert										
NPD will insert value										
NPD will insert value										
Kart nr										
NPD will insert value										
NPD will insert value										
Cut off criteria for NiG calculation	1	2	3							

**Table 2 Revised prospect table scheme for remaining prospectivity inside license;, Skinfaks Sør N1A Statfjord Eiriksson and Nansen oil case**

Block	NO 29/3	Prospect name	29/3 Skinfaks Sør N1A Eiriksson oil	Discovery/Prospect/Lead	Prospect ID	NPD will ins	NPD Approved (Y/N)	NPD will insert
Oil, gas or O&G case	NPD will insert value	New Play (Y/N)	NPD will insert value	Outside play (Y/N)	NPD will insert value			
This is case nr	Oil	Reported by company	Equinor Energy AS	Reference document			Assessment year	2022
Resources in-place and recoverable	Main phase	Structural element		Type of trap	Faulted four-way (rotated fault block / horst)	Water depth	131 Seismic database (2D/3D)	
Volumes, this case	Low (P90)	Base, Mode	Base, Mean	High (P10)	Associated phase	Low (P90)	Base, Mode	Base, Mean
In-place resources	Oil [10 <sup>9</sup> Sm <sup>3</sup> ] (>0.00)	1.56	2.49	2.32	3.13			
Recoverable resources	Gas [10 <sup>9</sup> Sm <sup>3</sup> ] (>0.00)					0.37	0.53	0.56
	Oil 10 <sup>9</sup> [Sm <sup>3</sup> ] (>0.00)	0.11	0.15	0.19	0.28			0.76
	Gas 10 <sup>9</sup> [Sm <sup>3</sup> ] (>0.00)					0.03	0.03	0.05
Reservoir Chrono (from)	Jurassic/Jurassic Early	Reservoir Litho (from)		Source rock, chrono primary	Source rock, litho primary			Seal, chrono
Reservoir Chrono (to)		Reservoir Litho (to)		Source rock, chrono secondary	Source rock, litho secondary			Seal, litho
Probability (fraction)								
Total (oil + gas + oil&gas case) (0.00 - 1.00)	0.09	Oil case (0.00 - 1.00)	1.00	Gas case (0.00 - 1.00)	0.00	Oil and gas case (0.00 - 1.00)	0.00	
Reservoir (P1) (0.00 - 1.00)	0.10	Trap (P2) (0.00 - 1.00)	0.90	Charge (P3) (0.00 - 1.00)	1.00	Retention (P4) (0.00 - 1.00)	1.00	
Parameters	Low (P90)	Base	High (P10)	Comments				
Depth to top of prospect [m MSL] (>0.0)	3968.2	4009.1	4058.1	Retention (P4) is included in Trap (P2).				
Area of closure [km2] (>0.0)	1.6	2.2	2.7					
Reservoir thickness [m] (>0.0)	167.5	190.0	212.3					
HC column in prospect [m] (>0.0)	227.2	231.3	210.4					
Gross rock vol [10 <sup>6</sup> m <sup>3</sup> ] (>0.000)	0.1037	0.1791	0.2361					
Net to Gross [fraction] (0.00-1.00)	0.269	0.256	0.325					
Porosity [fraction] (0.00-1.00)	0.132	0.141	0.153					
Permeability [mD] (>0.0)	1.248	1.870	3.219					
Water saturation [fraction] (0.00-1.00)	0.302	0.373	0.436					
Bg [Sm <sup>3</sup> /Sm <sup>3</sup> ] (<1.0000)								
IBo [Sm <sup>3</sup> /Rm <sup>3</sup> ] (<1.00)	0.543	0.588	0.641					
GOR, free gas [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)								
GOR, oil [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)	212.1	240.0	267.9					
RF, oil main phase [fraction] (0.00-1.00)	0.06	0.09	0.12					
RF, gas ass phase [fraction] (0.00-1.00)	0.06	0.09	0.13					
RF, gas main phase [fraction] (0.00-1.00)								
RF, oil ass phase [fraction] (0.00-1.00)								
Temperature, top res [°C] (>0.0)	150.00			For NPD use:				
Pressure, top res [bar] (>0.0)	530.00			Innrappr. av geolog-int	NPD will insert value	Registrert - init	NPD will ins	Kart oppdatert
Cut off criteria for NGS calculation	1	2	3	Date:	NPD will insert value	Registrert - Dato	NPD will ins	Kart dato
							NPD will ins	Kart nr

Block	NO 29/3	Prospect name	29/3 Skinfaks Sør N1A Nansen oil	Discovery/Prospect/Lead	Prospect ID	NPD will ins	NPD Approved (Y/N)	NPD will insert
Oil, gas or O&G case	NPD will insert value	New Play (Y/N)	NPD will insert value	Outside play (Y/N)	NPD will insert value			
This is case nr	Oil	Reported by company	Equinor Energy AS	Reference document			Assessment year	2022
Resources in-place and recoverable	Main phase	Structural element		Type of trap	Faulted four-way (rotated fault block / horst)	Water depth	131 Seismic database (2D/3D)	
Volumes, this case	Low (P90)	Base, Mode	Base, Mean	High (P10)	Associated phase	Low (P90)	Base, Mode	Base, Mean
In-place resources	Oil [10 <sup>9</sup> Sm <sup>3</sup> ] (>0.00)	0.99	1.33	1.41	1.92			
Recoverable resources	Gas [10 <sup>9</sup> Sm <sup>3</sup> ] (>0.00)					0.24	0.29	0.34
	Oil 10 <sup>9</sup> [Sm <sup>3</sup> ] (>0.00)	0.07	0.12	0.13	0.20			0.46
	Gas 10 <sup>9</sup> [Sm <sup>3</sup> ] (>0.00)					0.02	0.02	0.04
Reservoir Chrono (from)	Jurassic/Jurassic Early	Reservoir Litho (from)		Source rock, chrono primary	Source rock, litho primary			Seal, chrono
Reservoir Chrono (to)		Reservoir Litho (to)		Source rock, chrono secondary	Source rock, litho secondary			Seal, litho
Probability (fraction)								
Total (oil + gas + oil&gas case) (0.00 - 1.00)	0.09	Oil case (0.00 - 1.00)	1.00	Gas case (0.00 - 1.00)	0.00	Oil and gas case (0.00 - 1.00)	0.00	
Reservoir (P1) (0.00 - 1.00)	0.10	Trap (P2) (0.00 - 1.00)	0.90	Charge (P3) (0.00 - 1.00)	1.00	Retention (P4) (0.00 - 1.00)	1.00	
Parameters	Low (P90)	Base	High (P10)	Comments				
Depth to top of prospect [m MSL] (>0.0)	3960.0	3960.0	3960.0	Retention (P4) is included in Trap (P2).				
Area of closure [km2] (>0.0)	1.6	2.3	2.8					
Reservoir thickness [m] (>0.0)	36.9	42.5	48.1					
HC column in prospect [m] (>0.0)	237.1	280.4	307.5					
Gross rock vol [10 <sup>6</sup> m <sup>3</sup> ] (>0.000)	0.0532	0.0800	0.1022					
Net to Gross [fraction] (0.00-1.00)	0.263	0.327	0.413					
Porosity [fraction] (0.00-1.00)	0.133	0.145	0.160					
Permeability [mD] (>0.0)	1.325	2.126	3.717					
Water saturation [fraction] (0.00-1.00)	0.279	0.350	0.422					
Bg [Sm <sup>3</sup> /Sm <sup>3</sup> ] (<1.0000)								
IBo [Sm <sup>3</sup> /Rm <sup>3</sup> ] (<1.00)	0.543	0.599	0.641					
GOR, free gas [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)								
GOR, oil [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)	212.1	240.0	267.9					
RF, oil main phase [fraction] (0.00-1.00)	0.06	0.09	0.14					
RF, gas ass phase [fraction] (0.00-1.00)	0.06	0.11	0.17					
RF, gas main phase [fraction] (0.00-1.00)								
RF, oil ass phase [fraction] (0.00-1.00)								
Temperature, top res [°C] (>0.0)	150.00			For NPD use:				
Pressure, top res [bar] (>0.0)	530.00			Innrappr. av geolog-int	NPD will insert value	Registrert - init	NPD will ins	Kart oppdatert
Cut off criteria for NGS calculation	1	2	3	Date:	NPD will insert value	Registrert - Dato	NPD will ins	Kart dato
							NPD will ins	Kart nr

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2021-

Valid from:

Rev. no.

**Table 3 Revised prospect table scheme for remaining prospectivity inside license;, Skinfaks Sør N1B Ness Fm**

Block	NO 29/3	Prospect name	29/3 Skinfaks Sør seg N1B Ness	Discovery/Prospect/Lead	Prospect ID	NPD will insert	NPD Approved (Y/N)	NPD will insert	
Play name	NPD will insert value	New Play (Y/N)	NPD will insert value	Outside play (Y/N)	NPD will insert value				
Oil, gas or O&G case	Gas	Reported by company	Equinor Energy AS	Reference document			Assessment year	2022	
This is case nr		Structural element		Type of trap		Water depth	Seismic database (2D/3D)		
Resources in-place and recoverable		Main phase				Associated phase			
Volumes, this case		Low (P90)	Base, Mode	Base, Mean	High (P10)	Low (P90)	Base, Mode	Base, Mean	High (P10)
In-place resources	Oil [10 <sup>6</sup> Sm <sup>3</sup> ] (>0.00)					0.03	0.13	0.16	0.34
	Gas [10 <sup>6</sup> Sm <sup>3</sup> ] (>0.00)	0.08	0.24	0.30	0.59				
Recoverable resources	Oil 10 <sup>6</sup> [Sm <sup>3</sup> ] (>0.00)					0.00	0.00	0.00	0.01
	Gas 10 <sup>6</sup> [Sm <sup>3</sup> ] (>0.00)	0.00	0.01	0.01	0.03				
Reservoir Chrono (from)		Reservoir Litho (from)		Source rock, chrono primary		Source rock, litho primary		Seal, chrono	
Reservoir Chrono (to)		Reservoir Litho (to)		Source rock, chrono secondary		Source rock, litho secondary		Seal, litho	
<b>Probability (fraction)</b>									
Total (oil + gas + oil&gas case) (0.00 - 1.00)	0.49	Oil case (0.00 - 1.00)		0.00	Gas case (0.00 - 1.00)	1.00	Oil and gas case (0.00 - 1.00)	0.00	
Reservoir (P1) (0.00 - 1.00)	0.90	Trap (P2) (0.00 - 1.00)		0.90	Charge (P3) (0.00 - 1.00)	0.60	Retention (P4) (0.00 - 1.00)	1.00	
<b>Parameters</b>									
Depth to top of prospect [m MSL] (>0.0)	Low (P90)	Base	High (P10)	Comments					
	3512.0		3512.0	Retention (P4) is included in Trap (P2).					
Area of closure [km <sup>2</sup> ] (>0.0)									
Reservoir thickness [m] (>0.0)									
HC column in prospect [m] (>0.0)	0.0	0.0	0.0						
Gross rock vol [10 <sup>6</sup> m <sup>3</sup> ] (>0.000)	255.2	288.3	321.3						
Net to Gross [fraction] (0.00-1.00)	0.0000	0.0000	0.0000						
Porosity [fraction] (0.00-1.00)	0.178	0.300	0.435						
Permeability [mD] (>0.0)	0.109	0.140	0.171						
Water saturation [fraction] (0.00-1.00)									
Bg [Rm <sup>3</sup> /Sm <sup>3</sup> ] (<1.0000)	0.220	0.319	0.426						
1/B0 [Sm <sup>3</sup> /Rm <sup>3</sup> ] (<1.00)	0.0036	0.0038	0.0040						
GOR, free gas [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)									
GOR, oil [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)	1204.8	1818.2	3703.7						
RF, oil main phase [fraction] (0.00-1.00)									
RF, gas ass phase [fraction] (0.00-1.00)									
RF, gas main phase [fraction] (0.00-1.00)	0.00	0.04	0.10						
RF, oil ass phase [fraction] (0.00-1.00)	0.00	0.02	0.05						
Temperature, top res [°C] (>0.0)					For NPD use:				
Pressure, top res [bar] (>0.0)					Innrappr. av geolog-int	NPD will insert	Registrert - int:	NPD will insert	
Cut off criteria for N/G calculation	1	2	3	Date:				NPD will insert	
				Registrert - Date				NPD will insert	
				Kart oppdatert				NPD will insert	
				Kart dato				NPD will insert	
				Kart nr				NPD will insert	

**Table 4 Revised prospect table scheme for remaining prospectivity inside license;, Skinfaks Sør N1A+B Etive/Rannoch gas and oil**

Block	NO 29/3	Prospect name	29/3 Skinfaks Sør seg A/B EtiveRann	Discovery/Prospect/Lead	Prospect ID	NPD will insert	NPD Approved (Y/N)	NPD will insert	
Play name	NPD will insert value	New Play (Y/N)	NPD will insert value	Outside play (Y/N)	NPD will insert value				
Oil, gas or O&G case	Oil	Reported by company	Equinor Energy AS	Reference document			Assessment year	2022	
This is case nr		Structural element		Type of trap		Faulted four-way (rotated fault block / horst)	Seismic database (2D/3D)	130	
Resources in-place and recoverable		Main phase				Associated phase			
Volumes, this case		Low (P90)	Base, Mode	Base, Mean	High (P10)	Low (P90)	Base, Mode	Base, Mean	High (P10)
In-place resources	Oil [10 <sup>6</sup> Sm <sup>3</sup> ] (>0.00)	0.89	1.26	1.28	1.68				
	Gas [10 <sup>6</sup> Sm <sup>3</sup> ] (>0.00)					0.20	0.33	0.41	
Recoverable resources	Oil 10 <sup>6</sup> [Sm <sup>3</sup> ] (>0.00)	0.09	0.14	0.14	0.19			0.04	
	Gas 10 <sup>6</sup> [Sm <sup>3</sup> ] (>0.00)					0.02	0.03	0.07	
Reservoir Chrono (from)	Jurassic	Reservoir Litho (from)		Source rock, chrono primary		Source rock, litho primary		Seal, chrono	
Reservoir Chrono (to)		Reservoir Litho (to)		Source rock, chrono secondary		Source rock, litho secondary		Seal, litho	
<b>Probability (fraction)</b>									
Total (oil + gas + oil&gas case) (0.00 - 1.00)	0.70	Oil case (0.00 - 1.00)		0.50	Gas case (0.00 - 1.00)	0.50	Oil and gas case (0.00 - 1.00)	0.00	
Reservoir (P1) (0.00 - 1.00)	1.00	Trap (P2) (0.00 - 1.00)		0.10	Charge (P3) (0.00 - 1.00)	1.00	Retention (P4) (0.00 - 1.00)	1.00	
<b>Parameters</b>									
Depth to top of prospect [m MSL] (>0.0)	Low (P90)	Base	High (P10)	Comments					
	3600.0		3600.0	Retention (P4) is included in Trap (P2).					
Area of closure [km <sup>2</sup> ] (>0.0)									
Reservoir thickness [m] (>0.0)	0.9	1.1	1.3						
HC column in prospect [m] (>0.0)	47.9	53.0	58.1						
Gross rock vol [10 <sup>6</sup> m <sup>3</sup> ] (>0.000)	138.2	156.7	171.8						
Net to Gross [fraction] (0.00-1.00)	0.0308	0.0407	0.0499						
Porosity [fraction] (0.00-1.00)	0.449	0.500	0.551						
Permeability [mD] (>0.0)	0.145	0.160	0.175						
Water saturation [fraction] (0.00-1.00)									
Bg [Rm <sup>3</sup> /Sm <sup>3</sup> ] (<1.0000)	0.249	0.300	0.371						
1/B0 [Sm <sup>3</sup> /Rm <sup>3</sup> ] (<1.00)	0.500	0.565	0.630						
GOR, free gas [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)									
GOR, oil [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)	179.9	216.1	454.9						
RF, oil main phase [fraction] (0.00-1.00)	0.08	0.11	0.13						
RF, gas ass phase [fraction] (0.00-1.00)	0.08	0.11	0.13						
RF, oil ass phase [fraction] (0.00-1.00)									
RF, gas main phase [fraction] (0.00-1.00)									
Temperature, top res [°C] (>0.0)					For NPD use:				
Pressure, top res [bar] (>0.0)					Innrappr. av geolog-int	NPD will insert	Registrert - int:	NPD will insert	
Cut off criteria for N/G calculation	1	2	3	Date:				NPD will insert	
				Registrert - Date				NPD will insert	
				Kart oppdatert				NPD will insert	
				Kart dato				NPD will insert	
				Kart nr				NPD will insert	

Block	Prospect name	29/3 Skinfaks Sør seg A/B EtheRann	Discovery/Prospect/Lead	Prospect ID	NPD will insert	NPD Approved (Y/N)	NPD will insert
Play name	New Play (Y/N)	NPD will insert value	Outside play (Y/N)	NPD will insert value			
Oil, gas or O&G case	Gas	Reported by company	Equinor Energy AS	Reference document		Assessment year	2022
This is case nr	Structural element		Type of trap	Faulted four-way (rotated fault block / horst)	Water depth	130	Seismic database (2D/3D)
Resources in-place and recoverable	Main phase				Associated phase		
Volumes, this case	Low (P90)	Base, Mode	Base, Mean	High (P10)	Low (P90)	Base, Mode	Base, Mean
In-place resources	Oil [10 <sup>6</sup> Sm <sup>3</sup> ] (>0.00)						
	Gas [10 <sup>6</sup> Sm <sup>3</sup> ] (>0.00)	0.46	0.60	0.64	0.16	0.31	0.36
Recoverable resources	Oil 10 <sup>6</sup> [Sm <sup>3</sup> ] (>0.00)				0.63		
	Gas 10 <sup>6</sup> [Sm <sup>3</sup> ] (>0.00)	0.28	0.42	0.40	0.05	0.11	0.12
Reservoir Chrono (from)	Jurassic	Reservoir Litho (from)	Source rock, chrono primary		Source rock, litho primary		Seal, chrono
Reservoir Chrono (to)		Reservoir Litho (to)	Source rock, chrono secondary		Source rock, litho secondary		Seal, litho
Probability (fraction)							
Total (oil + gas + oil&gas case) (0.00 - 1.00)	0.70	Oil case (0.00 - 1.00)	0.50	Gas case (0.00 - 1.00)	0.50	Oil and gas case (0.00 - 1.00)	0.00
Reservoir (P1) (0.00 - 1.00)	1.00	Trap (P2) (0.00 - 1.00)	0.70	Charge (P3) (0.00 - 1.00)	1.00	Retention (P4) (0.00 - 1.00)	1.00
Parameters	Low (P90)	Base	High (P10)	Comments			
Depth to top of prospect [m MSL] (>0.0)	3600.0	3600.0	3600.0	Retention (P4) is included in Trap (P2).			
Area of closure [km <sup>2</sup> ] (>0.0)	0.9	1.1	1.3				
Reservoir thickness [m] (>0.0)	47.9	53.0	58.1				
HC column in prospect [m] (>0.0)	139.2	156.7	171.8				
Gross rock vol [10 <sup>6</sup> m <sup>3</sup> ] (>0.000)	0.0308	0.0407	0.0499				
Net to Gross [fraction] (0.00-1.00)	0.449	0.500	0.551				
Porosity [fraction] (0.00-1.00)	0.145	0.160	0.175				
Permeability [mD] (>0.0)							
Water saturation [fraction] (0.00-1.00)	0.199	0.250	0.301				
Bg [Rm <sup>3</sup> /Sm <sup>3</sup> ] (<1.0000)	0.0036	0.0038	0.0040				
1/Bg [Sm <sup>3</sup> /Rm <sup>3</sup> ] (<1.00)							
GOR, free gas [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)							
GOR, oil [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)	1204.6	1818.2	3708.7				
RF, oil main phase [fraction] (0.00-1.00)							
RF, gas ass phase [fraction] (0.00-1.00)							
RF, gas main phase [fraction] (0.00-1.00)	0.56	0.62	0.69				
RF, oil ass phase [fraction] (0.00-1.00)	0.22	0.35	0.48				
For NPD use:							
Temperature, top res [°C] (>0.0)				Innrap: av geolog-init	NPD will insert value	Registrert - init	NPD will insert
Pressure, top res [bar] (>0.0)				Date:	NPD will insert value	Registrert - Date	NPD will insert
Cut off criteria for N/G calculation	1	2	3			Kart oppdatert	NPD will insert
						Kart nr	NPD will insert

**Table 5 Revised prospect table scheme for remaining prospectivity inside license;, Skinfaks Sør N1A+B Tarbert gas and oil**

Block	Prospect name	29/3 Skinfaks Sør seg A/B Tarbert	Discovery/Prospect/Lead	Prospect ID	NPD will insert	NPD Approved (Y/N)	NPD will insert
Play name	New Play (Y/N)	NPD will insert value	Outside play (Y/N)	NPD will insert value			
Oil, gas or O&G case	Oil	Reported by company	Equinor Energy AS	Reference document		Assessment year	2022
This is case nr	Structural element		Type of trap	Faulted four-way (rotated fault block / horst)	Water depth	130	Seismic database (2D/3D)
Resources in-place and recoverable	Main phase				Associated phase		
Volumes, this case	Low (P90)	Base, Mode	Base, Mean	High (P10)	Low (P90)	Base, Mode	Base, Mean
In-place resources	Oil [10 <sup>6</sup> Sm <sup>3</sup> ] (>0.00)	0.33	0.44	0.48	0.63		
	Gas [10 <sup>6</sup> Sm <sup>3</sup> ] (>0.00)					0.10	0.14
Recoverable resources	Oil 10 <sup>6</sup> [Sm <sup>3</sup> ] (>0.00)	0.05	0.07	0.07	0.11		
	Gas 10 <sup>6</sup> [Sm <sup>3</sup> ] (>0.00)					0.01	0.02
Reservoir Chrono (from)	Jurassic	Reservoir Litho (from)	Source rock, chrono primary		Source rock, litho primary		Seal, chrono
Reservoir Chrono (to)		Reservoir Litho (to)	Source rock, chrono secondary		Source rock, litho secondary		Seal, litho
Probability (fraction)							
Total (oil + gas + oil&gas case) (0.00 - 1.00)	0.80	Oil case (0.00 - 1.00)	0.50	Gas case (0.00 - 1.00)	0.50	Oil and gas case (0.00 - 1.00)	0.00
Reservoir (P1) (0.00 - 1.00)	1.00	Trap (P2) (0.00 - 1.00)	0.80	Charge (P3) (0.00 - 1.00)	1.00	Retention (P4) (0.00 - 1.00)	1.00
Parameters	Low (P90)	Base	High (P10)	Comments			
Depth to top of prospect [m MSL] (>0.0)	3410.0	3410.0	3410.0	Retention (P4) is included in Trap (P2).			
Area of closure [km <sup>2</sup> ] (>0.0)	0.3	0.3	0.4				
Reservoir thickness [m] (>0.0)	125.0	125.0	125.0				
HC column in prospect [m] (>0.0)	72.2	82.2	88.7				
Gross rock vol [10 <sup>6</sup> m <sup>3</sup> ] (>0.000)	0.0097	0.0131	0.0163				
Net to Gross [fraction] (0.00-1.00)	0.473	0.550	0.627				
Porosity [fraction] (0.00-1.00)	0.160	0.170	0.180				
Permeability [mD] (>0.0)							
Water saturation [fraction] (0.00-1.00)	0.249	0.300	0.351				
Bg [Rm <sup>3</sup> /Sm <sup>3</sup> ] (<1.0000)	0.545	0.562	0.579				
1/Bg [Sm <sup>3</sup> /Rm <sup>3</sup> ] (<1.00)							
GOR, free gas [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)							
GOR, oil [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)	310.1	310.1	310.1				
RF, oil main phase [fraction] (0.00-1.00)	0.11	0.15	0.19				
RF, gas ass phase [fraction] (0.00-1.00)	0.11	0.15	0.19				
RF, gas main phase [fraction] (0.00-1.00)							
For NPD use:							
Temperature, top res [°C] (>0.0)				Innrap: av geolog-init	NPD will insert value	Registrert - init	NPD will insert
Pressure, top res [bar] (>0.0)				Date:	NPD will insert value	Registrert - Date	NPD will insert
Cut off criteria for N/G calculation	1	2	3			Kart oppdatert	NPD will insert
						Kart nr	NPD will insert

Block	Prospect name	29/3 Skinfaks Sør seg A/B Tarbert	Discovery/Prospect/Lead	Prospect ID	NPD will insert	NPD Approved (Y/N)	NPD will insert
Play name	New Play (Y/N)	NPD will insert value	Outside play (Y/N)	NPD will insert value			
Oil, gas or O&G case	Gas	Reported by company	Equinor Energy AS	Reference document		Assessment year	2022
This is case nr	Structural element		Type of trap	Faulted four-way (rotated fault block / horst)	Water depth	130	Seismic database (2D/3D)
Resources in-place and recoverable	Main phase				Associated phase		
Volumes, this case	Low (P90)	Base, Mode	Base, Mean	High (P10)	Low (P90)	Base, Mode	Base, Mean
In-place resources	Oil [10 <sup>6</sup> Sm <sup>3</sup> ] (>0.00)						
	Gas [10 <sup>6</sup> Sm <sup>3</sup> ] (>0.00)	0.17	0.24	0.24	0.32	0.09	0.13
Recoverable resources	Oil 10 <sup>6</sup> [Sm <sup>3</sup> ] (>0.00)						
	Gas 10 <sup>6</sup> [Sm <sup>3</sup> ] (>0.00)	0.10	0.12	0.14	0.19	0.04	0.05
Reservoir Chrono (from)	Jurassic	Reservoir Litho (from)	Source rock, chrono primary		Source rock, litho primary		Seal, chrono
Reservoir Chrono (to)		Reservoir Litho (to)	Source rock, chrono secondary		Source rock, litho secondary		Seal, litho
Probability (fraction)							
Total (oil + gas + oil&gas case) (0.00 - 1.00)	0.80	Oil case (0.00 - 1.00)	0.50	Gas case (0.00 - 1.00)	0.50	Oil and gas case (0.00 - 1.00)	0.00
Reservoir (P1) (0.00 - 1.00)	1.00	Trap (P2) (0.00 - 1.00)	0.80	Charge (P3) (0.00 - 1.00)	1.00	Retention (P4) (0.00 - 1.00)	1.00
Parameters	Low (P90)	Base	High (P10)	Comments			
Depth to top of prospect [m MSL] (>0.0)	3410.0	3410.0	3410.0	Retention (P4) is included in Trap (P2).			
Area of closure [km <sup>2</sup> ] (>0.0)	0.3	0.3	0.4				
Reservoir thickness [m] (>0.0)	125.0	125.0	125.0				
HC column in prospect [m] (>0.0)	72.2	82.2	88.7				
Gross rock vol [10 <sup>6</sup> m <sup>3</sup> ] (>0.000)	0.0097	0.0131	0.0163				
Net to Gross [fraction] (0.00-1.00)	0.473	0.550	0.627				
Porosity [fraction] (0.00-1.00)	0.160	0.170	0.180				
Permeability [mD] (>0.0)							
Water saturation [fraction] (0.00-1.00)	0.199	0.250	0.301				
Bg [Rm <sup>3</sup> /Sm <sup>3</sup> ] (<1.0000)	0.0036	0.0038	0.0040				
1/Bg [Sm <sup>3</sup> /Rm <sup>3</sup> ] (<1.00)							
GOR, free gas [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)							
GOR, oil [Sm <sup>3</sup> /Sm <sup>3</sup> ] (>0.0)	1818.2	1818.2	1818.2				
RF, oil main phase [fraction] (0.00-1.00)							
RF, gas ass phase [fraction] (0.00-1.00)	0.54	0.59	0.64				
RF, gas main phase [fraction] (0.00-1.00)	0.38	0.44	0.50				
For NPD use:							
Temperature, top res [°C] (>0.0)				Innrap: av geolog-init	NPD will insert value	Registrert - init	NPD will insert
Pressure, top res [bar] (>0.0)				Date:	NPD will insert value	Registrert - Date	NPD will insert
Cut off criteria for N/G calculation	1	2	3			Kart oppdatert	NPD will insert
						Kart nr	NPD will insert