



Generell informasjon

Brønnbane navn	6507/5-7
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Pressemelding	lenke til pressemelding
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Brønn navn	6507/5-7
Seismisk lokalisering	ANO9403-EO-T11;inline954 & xline 2217
Utvinningstillatelse	558
Boreoperatør	E.ON E&P Norge AS
Boretillatelse	1512-L
Boreinnretning	BORGLAND DOLPHIN
Boredager	17
Borestart	07.06.2014
Boreslutt	24.06.2014
Frigitt dato	17.08.2015
Publiseringsdato	17.08.2015
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	31.0
Vanndybde ved midlere havflate [m]	404.0
Totalt målt dybde (MD) [m RKB]	1598.0
Totalt vertikalt dybde (TVD) [m RKB]	1598.0
Maks inklinasjon [°]	1.2
Eldste penetrerte alder	EARLY JURASSIC
Eldste penetrerte formasjon	ÅRE FM
Geodetisk datum	ED50
NS grader	65° 32' 29.71" N
ØV grader	7° 34' 25.68" E
NS UTM [m]	7269745.03
ØV UTM [m]	434110.98
UTM sone	32
NPDID for brønnbanen	7428



Brønnhistorie

General

Well 6507/5-7 was drilled on the Terne prospect on the Sør High in the Norwegian Sea. The primary objective was to prove hydrocarbons (oil) in the Middle Jurassic Garn Formation, with secondary objectives the Middle Jurassic Ile, Tilje and Åre Formations.

Operations and results

Wildcat well 6507/5-7 was spudded with the semi-submersible installation Borgland Dolphin on 7 June 2014 and drilled to TD at 1598 m in the Early Jurassic Åre Formation. A pilot hole was drilled down to 720 m to check for shallow gas. No shallow gas or water flow was observed. No significant problem was encountered in the further operations. The well was drilled with seawater and hi-vis sweeps down to 720 m, and with Performadril mud containing 4 - 5.2% glycol from 720 m to TD.

Top of primary objective Garn Formation came in at 1322 m, 23 m high to prognosis. There was 12 and 15 m of reservoir rocks of very high reservoir quality in the Garn and Ile formations, respectively. In addition, about 20 and 30 m of reservoir rocks of very high reservoir quality were encountered in the Tilje and Åre formations, respectively. The well is dry. No hydrocarbon shows above minor background levels shows were recorded.

No cores were cut and no fluid samples were taken.

The well was permanently abandoned on 24 June 2014 as a dry well.

Testing

No drill stem test was performed.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
730.00	1597.00

Borekaks tilgjengelig for prøvetaking?	YES
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Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
435	NORLAND GP
766	NAUST FM
1111	KAI FM
1287	VIKING GP
1287	INTRA MELKE FM SS
1307	MELKE FM



1322	FANGST GP
1322	GARN FM
1335	NOT FM
1341	ILE FM
1356	BÅT GP
1356	ROR FM
1400	TILJE FM
1447	ÅRE FM

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
MWD - DIR	477	508
MWD - DIR GR RES PWD	689	720
MWD - DIR GR RES PWD DEN POR SON	1265	1296
MWD - DIR PWD	689	720
MWD - DIR RES GR PWD DEN POR SON	1566	1598

Foringsrør og formasjonsstyrketester

Type utforing	Utforing diam. [tommer]	Utforing dybde [m]	Brønnbane diam. [tommer]	Brønnbane dyp [m]	LOT/FIT slam eqv. [g/cm3]	Type formasjonstest
CONDUCTOR	30	502.0	36	507.0	0.00	
SURF.COND.	13 3/8	716.0	17 1/2	720.0	0.00	
PILOT HOLE		720.0	9 7/8	720.0	0.00	
INTERM.	9 5/8	1295.0	12 1/4	1296.0	0.00	
OPEN HOLE		1598.0	8 1/2	1598.0	0.00	