



Generell informasjon





Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 9.5.2024 - 07:41

Brønnbane navn	25/10-8 A
Type	EXPLORATION
Formål	APPRAISAL
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORTH SEA
Felt	HANZ
Funn	25/10-8 Hanz
Brønn navn	25/10-8
Seismisk lokalisering	ESD 96-215& SP. 323 /ESD 96-227 & SP. 51
Utvinningstillatelse	028 P
Boreoperatør	Esso Exploration and Production Norway A/S
Boretillatelse	889-L
Boreinnretning	DEEPSEA TRYM
Boredager	20
Borestart	08.04.1997
Boreslutt	27.04.1997
Frigitt dato	27.04.1999
Publiseringsdato	15.11.2001
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	DRY
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	115.0
Totalt målt dybde (MD) [m RKB]	3460.0
Totalt vertikalt dybde (TVD) [m RKB]	2537.0
Maks inklinasjon [°]	59
Eldste penetrerte alder	LATE JURASSIC
Eldste penetrerte formasjon	INTRA DRAUPNE FM SS
Geodetisk datum	ED50
NS grader	59° 1' 48.48" N
ØV grader	2° 13' 25.35" E
NS UTM [m]	6543817.16
ØV UTM [m]	455437.65
UTM sone	31
NPDID for brønnbanen	3098



Brønnhistorie

General

Well 25/10-8 was drilled with "Deep Sea Trym" to test the Hanz prospect with multiple targets. The well found gas and oil in the Upper Jurassic. A sidetrack, 25/10-8 A, was drilled to test the extension of this discovery to the east.

Operations and results

Exploration well 25/10-8 was spudded with the semi-submersible installation "Deepsea Trym" 17 February 1997 and drilled to a total depth of 2653 m in the Early Permian Rotliegend Group. Water based mud was used down to 1080 m and an AncoVert oil based mud from 1080 to TD. Well 25/10-8 found the Heimdal Fm to be water wet, the Upper Jurassic sands to contain gas and oil and the Middle Jurassic and Rotliegendes sands to be water wet. A core was cut from 2080 - 2107 m in the Heimdal Formation, a second core was cut from 2518 - 2546 m in Callovian Jurassic to Triassic sediments. After testing the well was plugged back to the 13 3/8" casing on 4 April 1997 as an oil and gas discovery. Sidetrack 25/10-8 A was kicked off from 1067 m and drilled to a total depth of 3460 m (2537 m TVD RKB) in Late Jurassic. An 8 1/2" hole was drilled to core point at 3110 m using oil based mud. Three cores were cut in the Late Jurassic; 3110 to 3147 m, 3147 to 3165 m , and 3165 to 3202 m. No wireline logs were run in well 25/10-8 A, only MWD. No fluid samples were taken. All reservoir sands were found water wet and sidetrack 25/10-8 A was permanently abandoned as a dry well on 27 April 1997.

Testing

Well 25/10-8 was perforated from 2391.4 - 2398.4 m in the Upper Jurassic. The drill stem test flowed 692 Sm³/D oil of density 0.84 g/cm³. No drillstem test was performed in 25/10-8 A.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
1080.00	3460.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	3110.0	3147.6	[m]
2	3147.0	3164.6	[m]
3	3165.0	3202.0	[m]

Total kjerneprøve lengde [m]	92.2
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Kjerner tilgjengelig for prøvetaking? YES

Kjernebilder



3110-3115m



3115-3120m



3120-3125m



3125-3130m



3130-2335m



3135-3140m



3140-3145m



3145-3147m



3147-3152m



3152-3157m



3157-3162m



3162-3164m



3165-3170m



3170-3175m



3175-3180m



3180-3185m



3185-3190m



3190-3195m



3195-3200m



3200-3202m

Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
2400.0	[m]	DC	RRI
2420.0	[m]	DC	RRI
2440.0	[m]	DC	RRI
2460.0	[m]	DC	RRI
2480.0	[m]	DC	RRI



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2500.0	[m]	DC	RRI
2520.0	[m]	DC	RRI
2540.0	[m]	DC	RRI
2560.0	[m]	DC	RRI
2580.0	[m]	DC	RRI
2600.0	[m]	DC	RRI
2620.0	[m]	DC	RRI
3110.0	[m]	C	APT
3118.8	[m]	C	APT
3130.6	[m]	C	APT
3140.3	[m]	C	APT
3155.5	[m]	C	APT
3160.7	[m]	C	APT
3168.7	[m]	C	APT
3179.4	[m]	C	APT
3192.7	[m]	C	APT
3202.0	[m]	C	APT
3210.0	[m]	DC	APT
3216.0	[m]	DC	APT
3222.0	[m]	DC	APT
3228.0	[m]	DC	APT
3234.0	[m]	DC	APT
3240.0	[m]	DC	APT
3246.0	[m]	DC	APT
3250.0	[m]	DC	APT
3260.0	[m]	DC	APT
3270.0	[m]	DC	APT
3280.0	[m]	DC	APT
3290.0	[m]	DC	APT
3300.0	[m]	DC	APT
3310.0	[m]	DC	APT
3320.0	[m]	DC	APT
3330.0	[m]	DC	APT
3340.0	[m]	DC	APT
3350.0	[m]	DC	APT
3360.0	[m]	DC	APT
3370.0	[m]	DC	APT
3370.0	[m]	DC	APT
3380.0	[m]	DC	APT
3390.0	[m]	DC	APT



3400.0	[m]	DC	APT
3410.0	[m]	DC	APT
3430.0	[m]	DC	APT
3440.0	[m]	DC	APT

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
140	NORDLAND GP
672	UTSIRA FM
780	NO FORMAL NAME
850	HORDALAND GP
850	SKADE FM
1023	NO FORMAL NAME
1107	SKADE FM
1237	NO FORMAL NAME
1737	GRID FM
1810	NO FORMAL NAME
2417	ROGALAND GP
2417	BALDER FM
2505	SELE FM
2584	LISTA FM
2662	HEIMDAL FM
2759	LISTA FM
2853	VÅLE FM
2884	SHETLAND GP
2884	EKOFISK FM
2986	TOR FM
3090	VIKING GP
3090	DRAUPNE FM
3245	NO FORMAL NAME
3420	DRAUPNE FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
3098	pdf	0.30





Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
3098_1	pdf	1.96
3098_2	pdf	1.36

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
3098_25_10_8_A_COMPLETION_REPORT	pdf	58.55

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
GR RES DEN NEU DIR	3460	3460
GR RES DENS NEU	3070	3406
GR RES DIR	1077	3110
GR RES DIR	3147	3165
GR RES DIR	3165	3202
GR RES DIR	3202	3460

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	201.0	36	201.0	0.00	LOT
SURF.COND.	13 3/8	1070.0	17 1/2	1080.0	1.56	LOT
OPEN HOLE		3460.0	8 1/2	3460.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
200	1.75			low solids	





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200	1.75			spud mud	
1034	1.75			low solids	
1081	1.74	35.0	50.0	oil based	
1244	1.30	34.0		oil based	
1939	1.30	36.0		oil based	
2347	1.30	38.0	60.5	oil based	
2465	1.40	48.0	52.0	oil based	
2943	1.30	37.0	54.0	oil based	
2959	1.40	43.0	54.0	oil based	
3103	1.38	37.0	58.0	oil based	
3110	1.38	38.0	56.0	oil based	
3148	1.38	39.0	54.0	oil based	
3165	1.38	36.0	54.0	oil based	
3202	1.38	35.0	50.0	oil based	
3348	1.38	35.0	48.0	oil based	
3385	1.40	35.0		oil based	
3460	1.38	38.0	52.0	oil based	
3460	1.44	36.0	50.0	oil based	