



Generell informasjon

Brønnbane navn	7119/12-2
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	BARENTS SEA
Brønn navn	7119/12-2
Seismisk lokalisering	738 418 SP: 65.
Utvinningstillatelse	060
Boreoperatør	Den norske stats oljeselskap a.s
Boretillatelse	283-L
Boreinnretning	ROSS RIG (1)
Boredager	72
Borestart	16.04.1981
Boreslutt	26.06.1981
Frigitt dato	26.06.1983
Publiseringsdato	11.02.2005
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	SHOWS
Funnbrønnbane	NO
Avstand, boredekk - midlere havflate [m]	25.0
Vanndybde ved midlere havflate [m]	180.0
Totalt målt dybde (MD) [m RKB]	1902.0
Totalt vertikalt dybde (TVD) [m RKB]	1902.0
Maks inklinasjon [°]	2
Temperatur ved bunn av brønnbanen [°C]	62
Eldste penetrerte alder	LATE TRIASSIC
Eldste penetrerte formasjon	FRUHOLMEN FM
Geodetisk datum	ED50
NS grader	71° 0' 51.81" N
ØV grader	19° 58' 20.81" E
NS UTM [m]	7879530.38
ØV UTM [m]	462689.20
UTM sone	34
NPDID for brønnbanen	114



Brønnhistorie

General

Well 7119/12-2 is located in the Troms I area in the southwestern part of the Hammerfest Basin. It was designed to test possible hydrocarbon accumulations in a seismic closure (Zeta-structure) in the southeastern part of the block. The primary objective of the well was sandstones of Middle Jurassic age. Secondary objectives were clastics of lower Jurassic and Upper Triassic age.

Operations and results

Wildcat well 7119/12-2 was spudded with the semi-submersible installation Ross Rig on 16 April 1981 and drilled to TD at 1902 m in the Late Triassic Fruholmen Formation. Boulder clays in the top 36" hole caused low rate of penetration and considerable difficulties in setting the 30" casing. Gas sands were encountered in the interval from 404-410 m. The 20" casing was set above this sands instead of the planned setting depth at 600 m. Due to high gas readings and increasing pore pressure, the drilling below 20" casing could not continue to planned 13 3/8" casing depth. Hence a 16" liner was set at 590 m. While underreaming below the liner, the underreamer failed to close and consequently could not be pulled to surface. The underreamer was left in the hole and the well sidetracked at 1215 m. The well was plugged back and the BOP-stack pulled when gas bubbles were observed coming out of the wellhead. To cure this problem the BOP-stack was installed again and previously set cement plugs drilled out to 275 m. A packer was set inside the 20" casing at 273 m and no more gas was seen coming from the well head. The well was then plugged back and abandoned. The well was drilled with spud mud down to 394 m and with gel/lignosulphonate/seawater from 394 m to TD.

Middle Jurassic to Late Triassic sandstones with good reservoir properties were encountered from 1372 m to TD. Drill cuttings and extensive coring had oil shows throughout, but RFT pressure gradients as well as logs and DST proved 100% water saturation. The oil shows therefore proves residual oil. A segregated sample was taken at 1617.5 m. Both chambers were checked at surface and found to contain formation water contaminated by mud filtrate. The 2 3/4-gallon chamber had an opening pressure of 200 psig, less than 1 cuft of gas was bled off. The 1-gallon chamber had an opening pressure just slightly above zero and no gas was bled off. A total of 20 conventional cores were cut in Middle to Early Jurassic. Six were cut in the interval 1378.5 m to 1433.5 m and 14 in the interval 1473 m to 1690.5 m.

Well 7119/12-2 was permanently abandoned on 26 June 1981 as a dry with oil shows.

Testing

A standard drill stem test was performed from the interval 1395 m to 1415 m in the upper part (Stø Formation) of the Middle Jurassic sandstones. The test flowed 33 barrels of water of which 22 barrels were estimated to be formation fluid. The remaining being cushion water.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
260.00	1902.00



Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerne i Sokkeldirektoratet

Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	1378.5	1384.7	[m]
2	1387.0	1404.8	[m]
3	1405.0	1412.0	[m]
4	1413.0	1417.9	[m]
5	1421.0	1433.6	[m]
6	1433.5	1433.9	[m]
7	1473.0	1490.1	[m]
8	1490.1	1490.4	[m]
9	1492.0	1510.4	[m]
10	1511.4	1517.7	[m]
11	1518.0	1519.0	[m]
12	1520.0	1525.5	[m]
13	1525.9	1544.0	[m]
14	1542.0	1560.0	[m]
15	1560.0	1578.5	[m]
16	1578.5	1597.4	[m]
17	1598.5	1616.8	[m]
18	1616.5	1635.3	[m]
19	1635.5	1654.0	[m]
20	1654.5	1673.3	[m]
21	1673.0	1690.5	[m]

Total kjerneprøve lengde [m]	262.8
Kjerner tilgjengelig for prøvetaking?	YES

Kjernebilder



1378-1381m



1381-1384m



1384-1385m



1387-1390m



1390-1393m



1393-1396m



1396-1399m



1399-1402m



1402-1404m



1405-1408m



1408-1411m



1411-1412m



1413-1416m



1416-1417m



1421-1424m



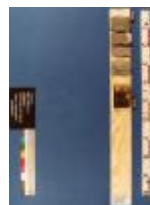
1424-1427m



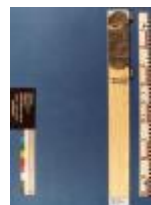
1427-1430m



1430-1433m



1433-1434m



1433-1434m



1473-1476m



1476-1479m



1479-1482m



1482-1485m



1485-1488m



1488-1490m



1490-1490m



1492-1495m



1495-1498m



1498-1501m



1501-1504m



1504-1509m



1507-1510m



1510-1510m



1511-1514m



1514-1517m



1517-1518m



1520-1523m



1523-1525m



1525-1528m



1528-1531m



1531-1534m



1534-1537m



1537-1540m



1540-1543m



1542-1545m



1545-1548m



1548-1551m



1551-1554m



1554-1557m



1557-1560m



1560-1563m



1563-1566m



1566-1569m



1569-1572m



1572-1575m



1575-1578m



1578-1579m



1578-1581m



1581-1584m



1584-1587m



1587-1590m



1590-1595m



1593-1596m



1596-1597m



1598-1601m



1601-1604m



1604-1607m



1607-1610m



1610-1613m



1613-1616m



1616-1617m



1616-1619m



1619-1622m



1622-1625m



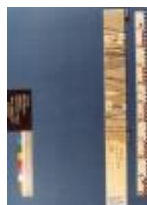
1625-1628m



1628-1631m



1631-1634m



1634-1635m



1635-1638m



1638-1641m



1641-1644m



1644-1647m



1647-1650m



1650-1653m



1653-1654m



1654-1657m



1657-1660m



1660-1663m



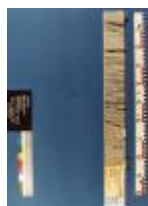
1663-1666m



1666-1669m



1669-1672m



1672-1673m



1673-1676m



1676-1679m



1679-1682m



1682-1685m



1685-1688m



1688-1690m

Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
375.0	[m]	DC	
390.0	[m]	DC	
400.0	[m]	DC	
415.0	[m]	DC	
430.0	[m]	DC	
440.0	[m]	DC	
455.0	[m]	DC	PAS
460.0	[m]	DC	PAS
475.0	[m]	DC	PAS
480.0	[m]	DC	PAS
495.0	[m]	DC	PAS
545.0	[m]	DC	PAS
555.0	[m]	DC	PAS
565.0	[m]	DC	PAS
575.0	[m]	DC	PAS
585.0	[m]	DC	PAS
595.0	[m]	DC	PAS
605.0	[m]	DC	PAS
615.0	[m]	DC	PAS
625.0	[m]	DC	PAS
635.0	[m]	DC	PAS
645.0	[m]	DC	PAS
655.0	[m]	DC	PAS
665.0	[m]	DC	PAS
670.0	[m]	SWC	PAS
675.0	[m]	DC	PAS
685.0	[m]	DC	PAS
695.0	[m]	DC	PAS



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 30.5.2024 - 01:11

705.0 [m]	DC	PAS
715.0 [m]	DC	PAS
720.0 [m]	DC	PAS
735.0 [m]	DC	PAS
745.0 [m]	DC	PAS
755.0 [m]	DC	PAS
765.0 [m]	DC	PAS
775.0 [m]	SWC	PAS
775.0 [m]	DC	PAS
785.0 [m]	DC	PAS
790.0 [m]	DC	PAS
805.0 [m]	DC	PAS
815.0 [m]	DC	PAS
835.0 [m]	DC	PAS
850.0 [m]	SWC	PAS
860.0 [m]	DC	PAS
875.0 [m]	SWC	PAS
880.0 [m]	DC	PAS
890.0 [m]	DC	PAS
900.0 [m]	DC	PAS
910.0 [m]	DC	PAS
925.0 [m]	SWC	PAS
930.0 [m]	DC	PAS
940.0 [m]	DC	PAS
950.0 [m]	DC	PAS
960.0 [m]	DC	PAS
970.0 [m]	DC	PAS
970.0 [m]	DC	
975.0 [m]	DC	
980.0 [m]	DC	PAS
990.0 [m]	DC	PAS
1000.0 [m]	SWC	PAS
1006.0 [m]	DC	PAS
1020.0 [m]	SWC	PAS
1024.0 [m]	DC	PAS
1036.0 [m]	DC	PAS
1040.0 [m]	SWC	PAS
1045.0 [m]	DC	PAS
1066.0 [m]	DC	PAS
1075.0 [m]	DC	PAS



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 30.5.2024 - 01:11

1084.0 [m]	DC	PAS
1095.0 [m]	SWC	PAS
1105.0 [m]	DC	PAS
1117.0 [m]	DC	PAS
1125.0 [m]	SWC	PAS
1135.0 [m]	DC	PAS
1138.0 [m]	DC	PAS
1144.0 [m]	DC	PAS
1159.0 [m]	DC	PAS
1180.0 [m]	SWC	PAS
1183.0 [m]	DC	PAS
1195.0 [m]	SWC	PAS
1198.0 [m]	DC	PAS
1201.0 [m]	DC	PAS
1219.0 [m]	DC	PAS
1220.0 [m]	SWC	PAS
1222.0 [m]	DC	PAS
1234.0 [m]	DC	PAS
1252.0 [m]	SWC	PAS
1255.0 [m]	DC	PAS
1270.0 [m]	DC	PAS
1275.0 [m]	SWC	PAS
1289.0 [m]	SWC	PAS
1300.0 [m]	DC	PAS
1308.0 [m]	SWC	PAS
1316.0 [m]	SWC	PAS
1324.0 [m]	DC	PAS
1333.0 [m]	SWC	PAS
1345.0 [m]	DC	PAS
1354.0 [m]	DC	PAS
1363.0 [m]	SWC	PAS
1371.0 [m]	SWC	PAS
1380.1 [m]	C	PAS
1389.5 [m]	C	PAS
1426.8 [m]	C	PAS
1433.8 [m]	C	PAS
1435.0 [m]	DC	PAS
1444.0 [m]	DC	PAS
1468.0 [m]	DC	PAS
1486.9 [m]	C	PAS



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 30.5.2024 - 01:11

1490.4 [m]	C	PAS
1501.5 [m]	C	PAS
1520.5 [m]	C	PAS
1521.8 [m]	C	PAS
1523.5 [m]	C	PAS
1527.5 [m]	C	PAS
1536.9 [m]	C	PAS
1542.5 [m]	C	PAS
1547.3 [m]	C	PAS
1562.4 [m]	C	PAS
1582.7 [m]	C	PAS
1593.9 [m]	C	PAS
1603.6 [m]	C	PAS
1607.1 [m]	C	PAS
1629.2 [m]	C	PAS
1638.8 [m]	C	PAS
1639.4 [m]	C	PAS
1640.7 [m]	C	PAS
1651.8 [m]	C	PAS
1655.3 [m]	C	PAS
1668.0 [m]	SWC	PAS
1679.4 [m]	C	PAS
1687.0 [m]	DC	PAS
1697.0 [m]	SWC	PAS
1705.0 [m]	DC	PAS
1714.0 [m]	DC	PAS
1726.0 [m]	DC	PAS
1735.0 [m]	DC	PAS
1744.0 [m]	DC	PAS
1756.0 [m]	DC	PAS
1765.0 [m]	DC	PAS
1774.0 [m]	DC	PAS
1786.0 [m]	DC	PAS
1795.0 [m]	DC	PAS
1804.0 [m]	DC	PAS
1816.0 [m]	DC	PAS
1825.0 [m]	DC	PAS
1834.0 [m]	DC	PAS
1844.0 [m]	SWC	PAS
1855.0 [m]	DC	PAS



1864.0	[m]	DC	PAS
1880.5	[m]	C	PAS
1885.0	[m]	DC	PAS
1894.0	[m]	DC	PAS

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
205	NORDLAND GP
452	ADVENTDALEN GP
452	KOLMULE FM
990	KOLJE FM
1087	KNURR FM
1163	HEKKINGEN FM
1322	FUGLEN FM
1372	KAPP TOSCANA GP
1372	STØ FM
1517	NORDMELA FM
1719	TUBÅEN FM
1855	FRUHOLMEN FM

Spleisede logger

Dokument navn	Dokument format	Dokument størrelse [KB]
114	pdf	0.38

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
114_1	pdf	4.47
114_2	pdf	3.04

Dokumenter - eldre Søkeldirektoratets WDSS rapporter og andre relaterte dokumenter





Dokument navn	Dokument format	Dokument størrelse [KB]
114 01 WDSS General Information	pdf	0.11
114 02 WDSS completion log	pdf	0.18

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
114 01 Completion Report	pdf	16.16
114 02 Completion log	pdf	1.21

Borestrengtester (DST)

Test nummer	Fra dybde MD [m]	Til dybde MD [m]	Reduksjonsven til størrelse [mm]
1.0	1395	1415	0.0

Test nummer	Endelig avstengningstrykk [MPa]	Endelig strømningstrykk [MPa]	Bunnhullstrykk [MPa]	Borehullstemperatur [°C]
1.0				52

Test nummer	Olje produksjon [Sm3/dag]	Gass produksjon [Sm3/dag]	Oljetetthet [g/cm3]	Gasstyingde rel. luft	GOR [m3/m3]
1.0					

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CBL	380	1203
CBL	600	1845
CBL	600	1386
CST	670	1898
FDC CNL GR CAL	388	1690
FDC GR CAL	256	468
HDT	1203	1902
ISF SONIC GR SP	256	1690





ISF SONIC GR SP MSFL	1203	1902
LDT CNL GR	1203	1902
RFT	1373	1868
VELOCITY	230	1900

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	256.0	36	257.0	0.00	LOT
SURF.COND.	20	389.5	26	469.0	1.31	LOT
LINER	16	590.0	21	590.0	2.14	LOT
INTERM.	13 3/8	1204.0	17 1/2	1215.0	2.18	LOT
INTERM.	9 5/8	1885.0	12 1/4	1902.0	0.00	LOT

Boreslam

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
336	1.06	4.0	26.0	spud mud	
499	1.27	18.0	13.0	spud mud	
1065	1.55	20.0	10.0	water based	
1275	1.55	14.0	10.0	water based	
1553	1.60	19.0	11.0	water based	
1874	1.35	19.0	12.0	water based	
1885	1.27	12.0	8.0	water based	

Tynnslip i Sokkeldirektoratet

Dybde	Enhet
1378.70	[m]
1384.29	[m]
1389.29	[m]
1394.63	[m]
1400.65	[m]
1407.34	[m]
1414.77	[m]
1421.40	[m]
1426.77	[m]



1430.84	[m]
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Trykkplott

Porertrykksdataene kommer fra logging i brønnen hvis ingen annen kilde er oppgitt. I noen brønner der trykk ikke er logget, er det brukt informasjon fra formasjonstester eller brønnspark. Trykkdataene er rapportert inn til Oljedirektoratet og videre prosessert og kvalitetssikret av IHS Markit.

Dokument navn	Dokument format	Dokument størrelse [KB]
114 Formation pressure (Formasjonstrykk)	pdf	0.25

