



Generell informasjon

Brønnbane navn	6407/7-1 S
Type	EXPLORATION
Formål	WILDCAT
Status	P&A
Faktakart i nytt vindu	lenke til kart
Hovedområde	NORWEGIAN SEA
Felt	NJORD
Funn	6407/7-1 S Njord
Brønn navn	6407/7-1
Seismisk lokalisering	HBGS 83 - 424 SP. 1568
Utvinningstillatelse	107
Boreoperatør	Norsk Hydro Produksjon AS
Boretillatelse	486-L
Boreinnretning	POLAR PIONEER
Boredager	171
Borestart	19.10.1985
Boreslutt	07.04.1986
Frigitt dato	07.04.1988
Publiseringsdato	09.03.2009
Opprinnelig formål	WILDCAT
Gjenåpnet	NO
Innhold	OIL/GAS
Funnbrønnbane	YES
1. nivå med hydrokarboner, alder	MIDDLE JURASSIC
1. nivå med hydrokarboner, formasjon.	ILE FM
2. nivå med hydrokarboner, alder	EARLY JURASSIC
2. nivå med hydrokarboner, formasjon	TILJE FM
Avstand, boredekk - midlere havflate [m]	23.0
Vanndybde ved midlere havflate [m]	328.0
Totalt målt dybde (MD) [m RKB]	3950.0
Totalt vertikalt dybde (TVD) [m RKB]	3925.0
Maks inklinasjon [°]	9.8
Temperatur ved bunn av brønnbanen [°C]	138
Eldste penetrerte alder	LATE TRIASSIC



Eldste penetrerte formasjon	RED BEDS (INFORMAL)
Geodetisk datum	ED50
NS grader	64° 16' 31.49" N
ØV grader	7° 12' 21.12" E
NS UTM [m]	7129107.11
ØV UTM [m]	413114.25
UTM sone	32
NPDID for brønnbanen	474

Brønnhistorie

General

Well 6407/7-1 S is located ca 30 km west of the Draugen field on the Njord A-structure in the southern part of the Halten Terrace. The apex of the A-structure is at about 2600 m MSL. The structure has a complex geology with dense faulting. The objective was to test for hydrocarbons in the structure, with the Middle and Early Jurassic as the primary and secondary targets. In addition, the well should obtain reservoir data from the Middle and Early Jurassic reservoir sandstones and establish a better stratigraphical, sedimentological, and structural knowledge of the area. The well should penetrate a deep reflector interpreted to be the "Top Middle Triassic Evaporite reflector". The prognosed total depth was 4025 m.

Operations and results

Wildcat well 6407/7 1 S was spudded with the semi-submersible installation Polar Pioneer 19 October 1985 and was drilled to TD at 3950 m in Triassic rocks. Ca 30 days (17%) of the rig time was down time. Major causes for this were sub sea problems with orienting the temporary guide base, bad weather, and fishing for various objects and stuck tools. In addition the section from ca 746 to 1177 m required wiper trips and a lot of reaming to clean the hole. This added several days to the drilling time. The well was vertical down to 1177 m, it built deviation angle up to maximum 9.8 deg at 1460 m, and had a deviation between 9.8 and 3.0 deg from there to TD. The well was drilled with spud mud down to 1172 m, with KCl/polymer mud from 1172 m to 2710 m, with gel/polymer mud from 2710 m to 3601 m, and with gel/lignosulphonate mud from 3610 m to TD.

The top of the reservoir came in at 2759 m, 70.5 m higher than prognosed. Oil was discovered in three separate reservoir units. The upper reservoir (2759 - 2783.5 m) consisted of sandstones belonging to the Fangst Group and Ror Formation. Relative pressure in this unit was 1.35 g/cc. The main reservoir (2839 -2988 m) consisted of sandstones belonging to the Tilje Formation. Relative pressure was 1.40 g/cc. This reservoir tested 730 and 711 Sm³ oil /day in two tests with a maximum rate of 1400 Sm³ oil /day. The oil was found to be under saturated. The lower reservoir (3017 - 3038 m) consisted of sandstones belonging to the Åre Formation. Total net pay in the reservoirs using porosity > 13%, volume of shale <40%, and < 60% water saturation was 130 m. The OWC was estimated to be at 3045 m.

Oil shows of poor quality were observed on sand/sandstone (1-10 % of cuttings) in the Shetland Group from 2090 to 2165 m. Oil shows of poor to moderate quality were observed on siltstones recovered from CST run in the Viking Group at 2699 to 2711 m. Oil shows of poor to moderate quality restricted to porous sandstone only were observed in the Garn Formation from 2756 to 2780 m. Fair to good shows on porous coarse sandstone were observed in the Tilje/Åre Formations at 2837 to 3032 m. Shows of poor



quality, again restricted to predominantly porous, coarse sandstone were observed in the Åre Formation at 3047 to 3082 m. The oil/water contact was defined from the logs to be between 3003 and 3082.5 m, while RFT data showed an oil/water contact between 3016 and 3045 m. The structural closure with estimated OWC at 3045 m was approximately 49 km².

The deep seismic reflector interpreted as "Top middle Triassic Evaporite reflector", was caused by two lithological sequences at 3828 m in the Red Beds, which created a composite strong seismic signal.

16 cores were cut in the interval 2713 to 3118 m. Core 1 was cut in the Melke Formation, core 2 in the Garn Formation, while the remaining cores were cut in the Båt Group. An RFT segregated sample was taken at 2959.5 m (2945.2 m TVD RKB). It contained oil and gas with GOR = 241.7 Sm³/m³, BOB = 1.8358, stock tank oil density = 835.4 kg/m³, and gas gravity = 0.841 (air = 1).

The well was permanently abandoned on 7 April 1986 as an oil and gas discovery.

Testing

Five drill stem tests were performed.

DST 1 tested the interval 3099.5 - 3113.5 m in the Åre Formation. It produced 4.4 m³ water /day through a 25.4 mm choke. Maximum bottom-hole temperature was 114.8 deg C.

DST 2 tested the interval 3022.9 - 3034.4 m in the uppermost Åre Formation. It produced 85 Sm³ oil /day through a 25.4 mm choke. GOR was 229 Sm³/Sm³, oil density was 0.832 g/cm³, and gas gravity was 0.800 (air = 1). Maximum bottom-hole temperature was 111.5 deg C.

DST 3 tested the interval 2946.5 - 2973.0 m in the Tilje Formation. It produced 711 Sm³ oil /day through a 12.7 mm choke. GOR was 202 Sm³/Sm³, oil density was 0.825 g/cm³, and gas gravity was 0.700 (air = 1). Maximum bottom-hole temperature was 114.7 deg C.

DST 4 tested the interval 2840 - 2886 m in the uppermost Tilje Formation. It produced 730 Sm³ oil /day through a 12.7 mm choke. GOR was 202 Sm³/Sm³, oil density was 0.825 g/cm³, and gas gravity was 0.693 (air = 1). Maximum bottom-hole temperature was 113 deg C.

DST 5 tested the interval 2758 - 2781 m in the Garn and upper Ror Formations. It produced 818 Sm³ oil /day through a 25.4 mm choke. GOR was 220 Sm³/Sm³ oil density was 0.823 g/cm³, and gas gravity was 0.732 (air = 1). Maximum bottom-hole temperature was 109.3 deg C.

Borekaks i Sokkeldirektoratet

Borekaksprøve, topp dybde [m]	Borekaksprøve, bunn dybde [m]
420.00	3950.00

Borekaks tilgjengelig for prøvetaking?	YES
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Borekjerter i Sokkeldirektoratet



Kjerneprøve nummer	Kjerneprøve - topp dybde	Kjerneprøve - bunn dybde	Kjerneprøve dybde - enhet
1	2713.0	2726.1	[m]
2	2760.0	2770.7	[m]
3	2772.0	2781.3	[m]
4	2783.0	2801.9	[m]
5	2804.0	2832.7	[m]
6	2844.0	2854.8	[m]
7	2871.0	2892.5	[m]
8	2895.0	2922.8	[m]
9	2923.0	2951.0	[m]
10	2951.0	2970.0	[m]
11	2970.0	2988.7	[m]
12	2988.7	3013.3	[m]
13	3013.5	3040.9	[m]
14	3052.0	3060.2	[m]
15	3063.0	3083.7	[m]
16	3090.5	3118.0	[m]

Total kjerneprøve lengde [m]	314.6
Kjerner tilgjengelig for prøvetaking?	YES

Kjernebilder



2713-2719m



2719-2725m



2725-2726m



2760-2766m



2778-2781m



2772-2778m



2766-2770m



2783-2788m



2789-2794m



2795-2801m



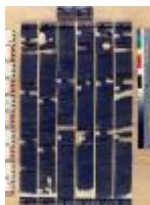
2801-2802m



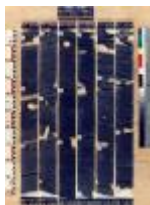
2804-2810m



2810-2816m



2816-2822m



2822-2828m



2828-2831m



2844-2850m



2850-2854m



2871-2877m



2877-2883m



2883-2889m



2889-2892m



2895-2901m



2901-2907m



2907-2913m



2913-2919m



2919-2922m



2923-2929m



2929-2935m



2935-2941m



2941-2947m



2947-2951m



2951-2957m



2957-2963m



2963-2969m



2969-2970m



2970-2976m



2976-2982m



2982-2988m



2988-2989m



2988-2994m



2994-3000m



3000-3006m



3006-3012m



3012-3013m



3013-3019m



3019-3025m



3025-3031m



3031-3037m



3037-3040m



3052-3058m



3058-3060m



3063-3069m



3069-3075m



3075-3081m



3081-3083m



3090-3096m



3096-3102m



3102-3108m



3108-3114m



3114-3118m

Palynologiske preparater i Sokkeldirektoratet

Prøve dybde	Dybde enhet	Prøve type	Laboratorie
1805.2	[m]	SWC	STRAT?
1824.8	[m]	SWC	STRAT?
1839.9	[m]	SWC	STRAT?



1844.9	[m]	SWC	STRAT?
1898.1	[m]	SWC	STRAT?
1900.2	[m]	SWC	STRAT?
1927.0	[m]	SWC	STRAT?
1946.0	[m]	SWC	STRAT?
1959.0	[m]	SWC	STRAT?
1981.0	[m]	SWC	STRAT?
2000.0	[m]	SWC	STRAT?
2019.0	[m]	SWC	STRAT?
2039.5	[m]	SWC	STRAT?
2058.0	[m]	SWC	STRAT?
2078.0	[m]	SWC	STRAT?
2100.0	[m]	SWC	STRAT?
2121.0	[m]	SWC	STRAT?
2140.0	[m]	SWC	STRAT?
2160.0	[m]	SWC	STRAT?
2190.0	[m]	SWC	STRAT?
2220.0	[m]	SWC	STRAT?
2231.0	[m]	SWC	STRAT?
2249.3	[m]	SWC	STRAT?
2276.5	[m]	SWC	STRAT?
2295.0	[m]	SWC	STRAT?
2314.0	[m]	SWC	STRAT?
2336.5	[m]	SWC	STRAT?
2425.0	[m]	SWC	STRAT?
2449.0	[m]	SWC	STRAT?
2493.5	[m]	SWC	STRAT?
2550.0	[m]	SWC	STRAT?
2590.0	[m]	SWC	STRAT?
2610.0	[m]	SWC	STRAT?
2630.0	[m]	SWC	STRAT?
2649.0	[m]	SWC	STRAT?
2670.0	[m]	SWC	STRAT?
2693.0	[m]	SWC	STRAT?
2697.0	[m]	DC	PETROSTR
2699.0	[m]	SWC	STRAT
2702.0	[m]	SWC	STRAT
2702.0	[m]	DC	PETROSTR
2704.0	[m]	SWC	STRAT
2710.0	[m]	DC	PETROSTR



2711.0	[m]	SWC	STRAT
2717.1	[m]	C	OD
2717.5	[m]	C	PETROSTR
2720.1	[m]	C	OD
2725.1	[m]	C	OD
2725.6	[m]	C	PETROSTR
2735.0	[m]	SWC	STRAT
2747.0	[m]	SWC	STRAT
2757.0	[m]	SWC	STRAT
2772.1	[m]	C	OD
2784.9	[m]	C	OD
2789.9	[m]	C	OD
2798.6	[m]	C	OD
2804.8	[m]	C	OD
2810.9	[m]	C	OD
2816.9	[m]	C	OD
2822.7	[m]	C	OD
2828.3	[m]	C	OD
2837.0	[m]	SWC	STRAT
2862.0	[m]	SWC	STRAT
3045.0	[m]	SWC	STRAT
3138.0	[m]	SWC	STRAT
3183.0	[m]	SWC	STRAT
3247.0	[m]	SWC	STRAT
3333.0	[m]	SWC	STRAT
3400.0	[m]	SWC	STRAT
3518.0	[m]	SWC	STRAT
3578.0	[m]	SWC	STRAT
3611.0	[m]	SWC	STRAT
3640.0	[m]	SWC	STRAT
3706.0	[m]	SWC	STRAT

Oljeprøver i Sökkeldirektoratet

Test type	Flaske nummer	Topp dyp MD [m]	Bunn dyp MD [m]	Væske type	Test tidspunkt	Prøver tilgjengelig
DST	DST2	3022.90	3034.40	OIL	08.03.1986 - 00:00	YES
DST	DST3	2946.50	2973.00	OIL	16.03.1986 - 00:00	YES



DST	DST4	2840.00	2886.00		23.03.1986 - 00:00	YES
DST	DST5	2758.00	2781.00		30.03.1986 - 00:00	YES

Litostratigrafi

Topp Dyb [mMD RKB]	Litostrat. enhet
353	NORDLAND GP
353	NAUST FM
1081	KAI FM
1739	ROGALAND GP
1739	TARE FM
1971	SHETLAND GP
2682	CROMER KNOLL GP
2696	VIKING GP
2696	SPEKK FM
2706	ROGN FM
2721	MELKE FM
2759	FANGST GP
2759	GARN FM
2773	BÅT GP
2773	ROR FM
2839	TILJE FM
3017	ÅRE FM
3183	GREY BEDS (INFORMAL)
3277	RED BEDS (INFORMAL)

Geokjemisk informasjon

Dokument navn	Dokument format	Dokument størrelse [KB]
474 1	pdf	0.03
474 2	pdf	0.65
474 3	pdf	6.83
474 4	pdf	2.79
474 5	pdf	12.13
474 6	pdf	6.53
474 7	pdf	3.95





Dokumenter - eldre Sokkeldirektoratets WDSS rapporter og andre relaterte dokumenter

Dokument navn	Dokument format	Dokument størrelse [KB]
474 01 WDSS General Information	pdf	0.29
474 02 WDSS completion log	pdf	0.30

Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

Dokument navn	Dokument format	Dokument størrelse [KB]
474 01 6407 7 1 S Completion report	pdf	15.86
474 02 6407 7 1 Completion log	pdf	4.83

Borestrengtester (DST)

Test nummer	Fra dybde MD [m]	Til dybde MD [m]	Reduksjonsven til størrelse [mm]
1.0	3100	3114	25.4
2.0	3023	3034	25.4
3.0	2947	2973	12.7
4.0	2840	2886	12.7
5.0	2758	2781	25.4

Test nummer	Endelig avstengningstrykk [MPa]	Endelig strømningstrykk [MPa]	Bunnhullstrykk [MPa]	Borehullstemperatur [°C]
1.0				
2.0				
3.0				
4.0				
5.0				

Test nummer	Olje produksjon [Sm3/dag]	Gass produksjon [Sm3/dag]	Oljetetthet [g/cm3]	Gasstyngde rel. luft	GOR [m3/m3]
1.0					
2.0	85	19000	0.832	0.800	229





3.0	210	147000	0.824	0.707	208
4.0	204	148000	0.825	0.693	202
5.0	221	170000	0.823	0.732	220

Logger

Type logg	Topp dyp for logg [m]	Bunn dyp for logg [m]
CBL VDL	500	1892
CBL VDL	1600	2703
CBL VDL	2400	3733
CET	2400	3733
CST	1190	1898
CST	1900	2336
CST	2356	2711
CST	2704	3750
CST	3762	3901
CST	3762	3941
DIS LSS GR SP	353	3951
DLL MSFL GR SP	1851	3748
LDL CNL CAL GR	420	3936
RFT	2002	2708
RFT	2760	2989
RFT	2908	3234
S MDT GR	1888	3940
VSP	687	3750

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	441.0	36	443.0	0.00	LOT
SURF.COND.	20	1130.0	26	1172.0	0.00	LOT
INTERM.	13 3/8	1890.0	17 1/2	1917.0	0.00	LOT
INTERM.	9 5/8	2700.0	12 1/4	2710.0	0.00	LOT
INTERM.	7	3729.0	8 3/8	3756.0	0.00	LOT
OPEN HOLE		3950.0	6	3950.0	0.00	LOT

Boreslam



Faktasider

Brønnbane / Leting

Utskriftstidspunkt: 29.5.2024 - 23:28

Dybde MD [m]	Egenvekt, slam [g/cm3]	Viskositet, slam [mPa.s]	Flytegrense [Pa]	Type slam	Dato, måling
375	1.04			WATER BASED	20.10.1985
380	1.07	99.0	99.0	XXX	07.04.1986
380	1.07	99.0	99.0	XXXX	07.04.1986
443	1.04			WATER BASED	27.10.1985
443	1.04			WATER BASED	20.10.1985
443	1.04			WATER BASED	21.10.1985
443	1.04			WATER BASED	22.10.1985
443	1.04			WATER BASED	24.10.1985
594	1.10			WATER BASED	29.10.1985
945	1.06			WATER BASED	29.10.1985
1172	1.07			WATER BASED	31.10.1985
1172	1.07			WATER BASED	03.11.1985
1172	1.10			WATER BASED	05.11.1985
1172	1.16			WATER BASED	10.11.1985
1172	1.16			WATER BASED	12.11.1985
1172	1.20	20.0	13.0	WATER BASED	13.11.1985
1172	1.07			WATER BASED	04.11.1985
1172	1.20	20.0	13.0	WATER BASED	17.11.1985
1179	1.21	18.0	10.0	WATER BASED	17.11.1985
1200	1.21	11.0	10.0	WATER BASED	17.11.1985
1368	1.21	22.0	14.0	WATER BASED	18.11.1985
1403	1.30	22.0	11.0	WATER BASED	19.11.1985
1411	1.30	22.0	12.0	WATER BASED	20.11.1985
1652	1.60	32.0	15.0	WATER BASED	25.11.1985
1652	1.65	25.0	14.0	WATER BASED	25.11.1985
1652	1.65	30.0	15.0	WATER BASED	25.11.1985
1687	1.65	30.0	15.0	WATER BASED	25.11.1985
1917	1.68	37.0	12.0	WATER BASED	26.11.1985
1917	1.68	35.0	14.0	WATER BASED	27.11.1985
1917	1.68	31.0	12.0	WATER BASED	28.11.1985
1917	1.68	31.0	12.0	WATER BASED	01.12.1985
1917	1.71	35.0	11.0	WATER BASED	01.12.1985
1965	1.71	36.0	8.0	WATER BASED	04.12.1985
2127	1.71	40.0	13.0	WATER BASED	04.12.1985
2149	1.71	30.0	9.0	WATER BASED	03.12.1985
2272	1.71	31.0	10.0	WATER BASED	05.12.1985
2284	1.71	30.0	9.0	WATER BASED	08.12.1985



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2295	1.63	26.0	7.0	WATER BASED	08.12.1985
2388	1.63	34.0	10.0	WATER BASED	08.12.1985
2506	1.65	28.0	8.0	WATER BASED	10.12.1985
2528	1.65	29.0	8.0	WATER BASED	11.12.1985
2605	1.65	26.0	9.0	WATER BASED	12.12.1985
2683	1.65	26.0	10.0	WATER BASED	15.12.1985
2710	1.65	25.0	11.0	WATER BASED	15.12.1985
2710	1.65	25.0	10.0	WATER BASED	18.12.1985
2710	1.65	28.0	7.0	WATER BASED	19.12.1985
2710	1.65	28.0	7.0	WATER BASED	22.12.1985
2710	1.65	25.0	10.0	WATER BASED	15.12.1985
2713	1.44	19.0	7.0	WATER BASED	22.12.1985
2727	1.38	17.0	7.0	WATER BASED	22.12.1985
2728	1.47	28.0	16.0	WATER BASED	03.04.1986
2728	1.46	12.0	10.0	WATER BASED	07.04.1986
2760	1.38	18.0	8.0	WATER BASED	23.12.1985
2772	1.38	18.0	7.0	WATER BASED	26.12.1985
2783	1.38	16.0	7.0	WATER BASED	26.12.1985
2811	1.38	18.0	8.0	WATER BASED	26.12.1985
2832	1.38	17.0	9.0	WATER BASED	29.12.1985
2833	1.49	5.0	1.0	BRINE	02.04.1986
2833	1.54	5.0	1.0	BRINE	25.03.1986
2836	1.38	16.0	8.0	WATER BASED	29.12.1985
2844	1.55	19.0	8.0	WATER BASED	29.12.1985
2871	1.55	20.0	9.0	WATER BASED	30.12.1985
2895	1.55	21.0	7.0	WATER BASED	01.01.1986
2923	1.55	18.0	6.0	WATER BASED	01.01.1986
2935	1.54	5.0	1.0	BRINE	21.03.1986
2935	1.54	5.0	1.0	BRINE	24.03.1986
2935	1.54	5.0	1.0	BRINE	24.03.1986
2935	1.54	5.0	1.0	BRINE	26.03.1986
2935	1.54	5.0	1.0	BRINE	25.03.1986
2951	1.55	23.0	10.0	WATER BASED	02.01.1986
2988	1.55	21.0	9.0	WATER BASED	05.01.1986
2988	1.55	22.0	8.0	WATER BASED	05.01.1986
3013	1.55	20.0	9.0	WATER BASED	05.01.1986
3013	1.55	20.0	9.0	WATER BASED	05.01.1986
3013	1.55	22.0	8.0	WATER BASED	07.01.1986
3013	1.55	18.0	7.0	WATER BASED	08.01.1986
3016	1.55	5.0	1.0	BRINE	17.03.1986



Faktasider

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Utskriftstidspunkt: 29.5.2024 - 23:28

3016	1.56	5.0	1.0	BRINE	19.03.1986
3016	1.54	5.0	1.0	BRINE	17.03.1986
3041	1.55	19.0	7.0	WATER BASED	09.01.1986
3052	1.55	18.0	8.0	WATER BASED	13.01.1986
3063	1.55	19.0	8.0	WATER BASED	13.01.1986
3090	1.55	19.0	8.0	WATER BASED	13.01.1986
3094	1.49	5.0	1.0	BRINE	03.03.1986
3094	1.58	5.0	1.0	BRINE	05.03.1986
3094	1.57	5.0	1.0	BRINE	06.03.1986
3094	1.57	5.0	1.0	BRINE	07.03.1986
3094	1.57	5.0	1.0	BRINE	11.03.1986
3094	1.58	5.0	1.0	BRINE	08.03.1986
3094	1.56	5.0	1.0	BRINE	12.03.1986
3094	1.56	5.0	1.0	BRINE	13.03.1986
3094	1.55	5.0	1.0	BRINE	14.03.1986
3094	1.58	5.0	1.0	BRINE	04.03.1986
3118	1.51	24.0	8.0	WATER BASED	13.01.1986
3135	1.49	21.0	8.0	WATER BASED	15.01.1986
3157	1.49			WATER BASED	24.02.1986
3157	1.49	5.0	1.0	BRINE	25.02.1986
3157	1.49	5.0	1.0	BRINE	26.02.1986
3157	1.49	5.0	1.0	BRINE	27.02.1986
3157	1.49	5.0	1.0	BRINE	28.02.1986
3157	1.49	5.0	1.0	BRINE	03.03.1986
3157	1.49	16.0	6.0	WATER BASED	24.02.1986
3218	1.49	24.0	11.0	WATER BASED	15.01.1986
3234	1.49	21.0	10.0	WATER BASED	19.01.1986
3234	1.49	22.0	11.0	WATER BASED	19.01.1986
3318	1.49	23.0	11.0	WATER BASED	19.01.1986
3367	1.49	22.0	9.0	WATER BASED	19.01.1986
3367	1.49	21.0	8.0	WATER BASED	19.01.1986
3389	1.49	19.0	8.0	WATER BASED	22.01.1986
3400	1.49	22.0	9.0	WATER BASED	29.01.1986
3404	1.49	22.0	10.0	WATER BASED	03.02.1986
3409	1.49	23.0	9.0	WATER BASED	03.02.1986
3550	1.49	23.0	12.0	WATER BASED	03.02.1986
3601	1.49	23.0	12.0	WATER BASED	03.02.1986
3648	1.49	15.0	6.0	WATER BASED	19.02.1986
3654	1.49	20.0	13.0	WATER BASED	03.02.1986
3711	1.49	15.0	7.0	WATER BASED	28.01.1986



3711	1.49	15.0	7.0	WATER BASED	03.02.1986
3750	1.49	16.0	6.0	WATER BASED	28.01.1986
3750	1.49	16.0	6.0	WATER BASED	30.01.1986
3750	1.49	16.0	6.0	WATER BASED	04.02.1986
3755	1.49	16.0	6.0	WATER BASED	05.02.1986
3755	1.50	16.0	5.0	WATER BASED	07.02.1986
3755	1.50	16.0	6.0	WATER BASED	11.02.1986
3755	1.50	15.0	6.0	WATER BASED	11.02.1986
3755	1.49	16.0	6.0	WATER BASED	06.02.1986
3755	1.49	16.0	5.0	WATER BASED	11.02.1986
3756	1.49	15.0	8.0	WATER BASED	12.02.1986
3756	1.49	13.0	7.0	WATER BASED	13.02.1986
3758	1.49	13.0	6.0	WATER BASED	21.02.1986
3771	1.49	18.0	8.0	WATER BASED	13.02.1986
3787	1.49	15.0	8.0	WATER BASED	17.02.1986
3889	1.49	15.0	7.0	WATER BASED	17.02.1986
3950	1.49	16.0	6.0	WATER BASED	17.02.1986
3950	1.49	16.0	6.0	WATER BASED	18.02.1986

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]
474_Formalion_pressure_(Formasjonstrykk)	pdf	0.29

