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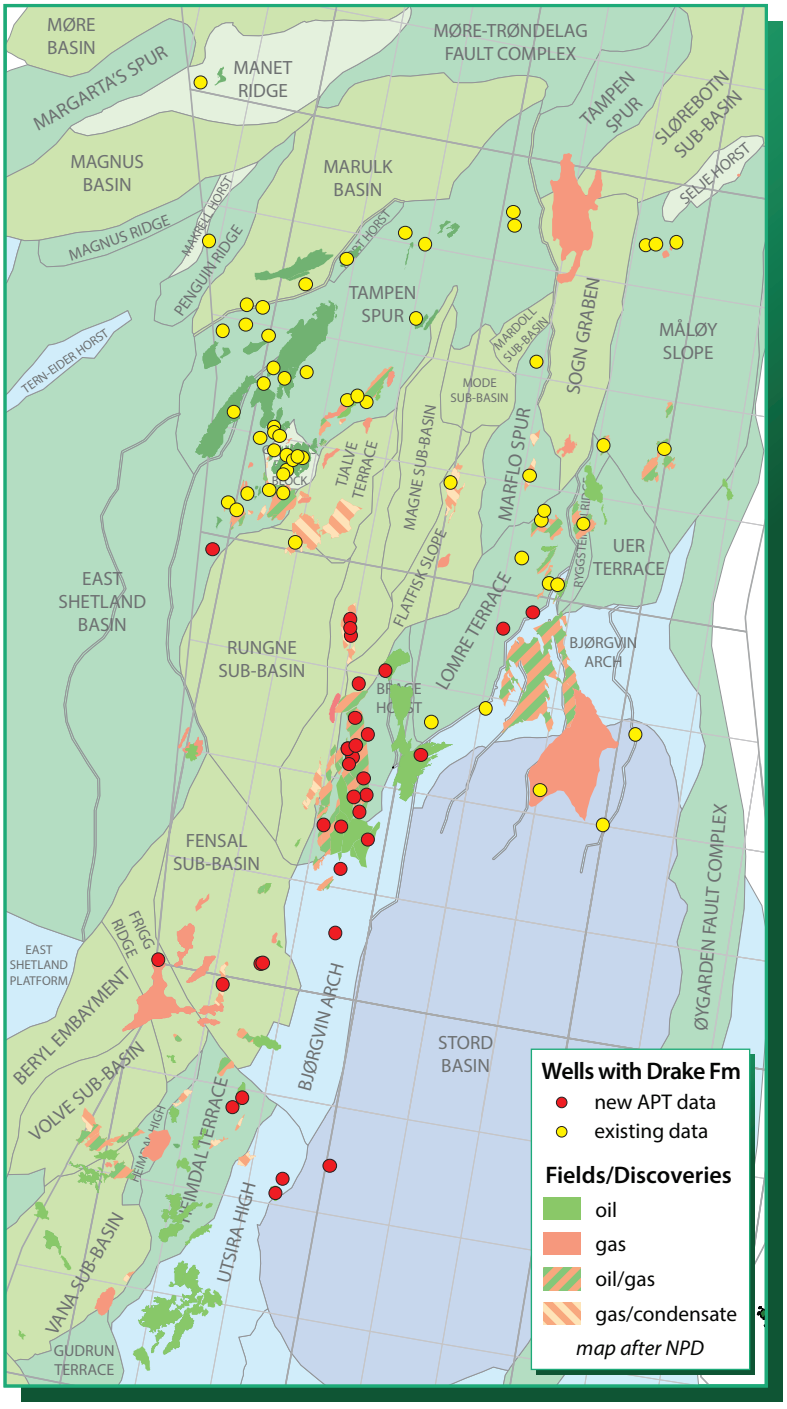
The Drake Formation – Source Potential and Identification of Contributions



- Comprehensive study of Drake Fm as a potential petroleum source
- New analyses – 188 core samples from 14 wells & 526 cuttings samples from 27 wells
- Plus public domain data (via NPD) on 30 core samples from 11 wells & 649 cuttings samples from 55 wells
- Samples selected to minimize influence from cavings (especially Draupne & Heather fms), turbo drilling & oil-based drilling fluids
- Full Rock-Eval & biomarker data
- Inferences for kerogen source & depositional environment
- Variation in thickness & quality corroborated by wire-line logs
- Comparison between Drake & age equivalents – Whitby Mudstone, Posidonia Shale & Kimmeridge Clay
- Comparison of 80 North Sea oils with 7 from Posidonia Shale to evaluate ability to identify Toarcian origins
- Well details overleaf

APT is a commercial company offering high quality analyses and consultancy services to the oil industry within the fields of petroleum geochemistry, biostratigraphy and production monitoring

APPLIED PETROLEUM TECHNOLOGY AS
PO Box 173, Kalbakken, 0903 Oslo, Norway
Street address: Sven Oftedals vei 6, 0950 Oslo
Telephone: +47 453 96000
e-mail: post@aptec.no
www.aptec.no

Wells and sample numbers

New APT data

Well	Core	Cuttings
30/6-7	24	-
30/6-17 R	14	-
30/6-17 A	8	-
30/9-2	8	-
30/9-12	14	-
30/9-14	23	-
30/9-15	31	-
30/9-18	-	6
30/12-1	-	28
31/6-8	-	5
32/4-1	-	8
33/9-9	15	2
33/9-11	-	29
33/9-19 S	-	18
33/12-8 S	-	39
34/2-4	-	47
34/6-1 S	-	26
34/7-5	5	4
34/7-12	16	19
34/7-13	-	8
34/7-16	-	14
34/8-8	6	9
34/10-1	6	-
34/10-3	-	15
34/10-4	-	3
34/10-8	-	14
34/10-9	-	19
34/10-33	13	15
34/10-43 S	-	30
34/10-48 S	-	33
35/1-1	-	26
35/1-2 S	-	50
35/3-2	-	18
35/4-1	-	29
35/9-6 S	5	12
Total	188	526

Released data

Well	Core	Cuttings	SWC
25/2-4	-	3	-
25/5-1	3	-	1
25/5-2	-	8	2
25/6-1	7	20	3
25/6-2	-	5	-
26/4-1	-	8	-
29/3-1	-	4	3
30/2-1	-	7	6
30/2-2	-	5	-
30/2-3	-	5	-
30/3-4	3	8	-
30/6-1	2	20	3
30/6-2	-	14	-
30/6-3	-	29	1
30/6-4	1	54	1
30/6-6	-	68	21
30/6-11	-	9	-
30/9-1	2	10	-
30/9-10	-	-	12
30/9-14	4	-	-
30/10-5	3	9	-
30/11-3	-	8	-
30/11-4	-	15	11
31/2-8	-	1	-
31/2-19 S	-	-	1
31/4-3	-	27	-
31/4-4	-	32	-
31/5-6	-	-	1
31/6-3	-	2	-
33/5-2	-	12	-
33/6-1	-	11	1
33/6-2	-	13	-

Well	Core	Cuttings	SWC
33/9-10	-	6	-
34/2-2	-	4	-
34/2-4	-	11	-
34/4-3	-	13	-
34/4-5	-	22	-
34/6-1 S	-	3	-
34/7-5	2	7	-
34/7-14	-	9	-
34/7-15 S	-	3	-
34/7-25 S	-	7	-
34/8-1	-	23	7
34/8-2	-	1	1
34/10-1	-	19	-
34/10-17	-	6	-
34/10-18	-	2	3
34/10-21	-	10	-
34/10-23	-	19	-
34/10-34	1	2	6
34/12-1	-	11	-
35/3-1	-	6	-
35/3-2	-	5	2
35/3-4	-	30	-
35/8-2	-	5	-
35/9-1	2	-	-
35/11-1	-	5	-
35/11-2	-	6	-
35/11-4	-	-	2
35/11-5	-	5	1
35/11-6	-	1	6
35/11-7	-	-	1
6201/11-2	-	1	-
Total	30	649	96