

E-2.2

CORE ANALYSIS REPORT

FOR

CORE ANALYSIS REPORT

FOR

STATOIL

6407/1-3

STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :  
 DRLG. FLUID:  
 LOCATION : OFFSHORE NORWAY

FILE NO : NOR 830023  
 ANALYSTS : SE  
 ELEVATION:

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		HORIZTL	KL CORR	He	FLD	OIL	WTR			
		KA	KL							
		3	1							
	CORE 1									
1	3619.00	158.	146.	18.0	19.1	5.2	24.6	2.66	15	SST WH FG SIL CMT MICA
2	3619.33	118.	107.	16.3				2.66	9	AA
	CORE 1 ENDS 3619.7									
	CORE 2									
3	3621.00	44.	38.	15.3	20.0	3.0	28.5	2.67	15	SST GRY FG SIL CMT MICA
4	3621.33	75.	66.	16.1				2.66	16	AA
5	3621.66	70.	61.	17.1				2.69	14	AA
6	3622.00	294.	281.	17.0	22.3	9.9	25.6	2.66	14	AA
7	3622.33	226.	213.	17.4				2.69	18	AA
8	3622.66								13	PRESERVED SAMPLE
9	3623.00	606.	605.	19.6	16.7	3.6	29.9	2.66	12	SST GRY FG SIL CMT MICA
10	3623.33	283.	270.	17.8				2.68	9	AA
11	3623.66	368.	357.	19.0				2.64	10	AAA
12	3624.00	219.	206.	18.0	21.4	9.3	22.4	2.66	13	AA
13	3624.33	300.	287.	19.5				2.66	12	AA
14	3624.66	120.	109.	23.3				2.67	13	AA
15	3625.00	173.	160.	17.3	17.4	10.9	26.4	2.66	19	AA
16	3625.33	441.	432.	19.2				2.67	13	SST GRY F-MG SIL CMT MICA
17	3625.66	215.	202.	17.5				2.68	11	SST DK-GRY FG SIL CMT MICA
18	3626.00	371.	360.	19.7	18.7	3.2	29.9	2.67	9	SST GRY FG SIL CMT MICA
19	3626.33	128.	116.	15.2				2.67	17	AA
20	3626.66	283.	270.	18.1				2.66	13	AA

CORPORATION  
*Petroleum Reservoir Engineering*  
 LONDON ABENDEEN

STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NOR 830023  
 ANALYSTS : SE

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		HORIZTL	KL CORR	He	FLD	OIL	WTR			
21	3627.00	177.	164.	18.1	18.4	10.3	28.8	2.70	19	SST GRY F-MG SIL CMT MICA
22	3627.33	106.	95.	16.9				2.67	11	AA
23	3627.66	42.	36.	13.2				2.69	12	AA
24	3628.00	57.	49.	17.1	17.8	3.4	27.5	2.69	14	AA
25	3628.33	154.	142.	17.5				2.67	14	AA
26	3628.66	28.	23.	14.9				2.68	20	AA
27	3629.00								12	AA
28	3629.33	198.	185.	16.1				2.69	11	AA
29	3629.66	521.	516.	18.6				2.66	8	SSY GRY FG SIL CMT P IND
30	3630.00	248.	235.	16.9	19.7	2.5	24.9	2.67	9	SST GRY FG SIL CMT MICA
31	3630.33	501.	495.	19.0				2.67	4	AA
32	3630.66	386.	375.	17.1				2.66	11	AA
33	3631.00	612.	612.	18.7	17.1	3.5	24.0	2.66	10	AA
34	3631.33	236.	223.	16.4				2.66	9	AA
35	3631.66	507.	501.	19.8				2.67	10	AA
36	3632.00	465.	457.	19.5	19.4	3.1	30.4	2.69	9	AA
37	3632.33	103.	92.	12.6				2.68	11	AA
38	3632.66	110.	99.	15.6				2.68	12	AA
39	3633.00	212.	199.	17.5	19.1	3.1	23.0	2.68	11	AA
40	3633.33	199.	186.	17.4				2.67	17	AA
41	3633.66	213.	200.	16.8				2.69	10	AA
42	3634.00	305.	292.	18.7	20.4	2.9	25.0	2.67	13	AA
43	3634.33	401.	391.	18.9				2.69	12	AA
44	3634.66	565.	562.	19.7				2.66	13	AA
45	3635.00	107.	96.	15.7	21.7	8.3	22.6	2.68	14	AA
46	3635.33	249.	236.	15.9				2.67	13	AA
47	3635.66	646.	648.	19.8				2.67	7	SST WH FG SIL CMT MICA
48	3636.00	397.	387.	18.8	18.6	3.2	23.1	2.66	14	AA
49	3636.33	212.	199.	16.7				2.67	9	AA
50	3636.66	225.	212.	16.7				2.64	13	AA

## LONDON ABERDEEN

STATOIL  
6407/1-3DATE : JAN 1984  
FORMATION :FILE NO : NOR 830023  
ANALYSTS : SE

## VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		VERTICAL	KL CORR	He	FLD	OIL	WTR			
21	3627.00	96.	86.	18.1	18.4	10.3	28.8	2.70	19	SST GRY F-MG SIL CMT MICA
22	3627.33	113.	102.	16.9				2.67	11	AA
23	3627.66	111.	100.	13.2				2.69	12	AA
24	3628.00	82.	73.	17.1	17.8	3.4	27.5	2.69	14	AA
25	3628.33	121.	110.	17.5				2.67	14	AA
26	3628.66	4.90	3.67	14.9				2.68	20	AA
27	3629.00								12	AA
28	3629.33	76.	67.	16.1				2.69	11	AA
29	3629.66	3.30	2.41	18.6				2.66	8	SSY GRY FG SIL CMT P IND
30	3630.00	108.	97.	16.9	19.7	2.5	24.9	2.67	9	SST GRY FG SIL CMT MICA
31	3630.33	37.	31.	19.0				2.67	4	AA
32	3630.66	65.	57.	17.1				2.66	11	AA
33	3631.00	385.	374.	18.7	17.1	3.5	24.0	2.66	10	AA
34	3631.33	494.	487.	16.4				2.66	9	AA
35	3631.66	251.	238.	19.8				2.67	10	AA
36	3632.00	393.	382.	19.5	19.4	3.1	30.4	2.69	9	AA
37	3632.33	2.30	1.64	12.6				2.68	11	AA
38	3632.66	62.	54.	15.6				2.68	12	AA
39	3633.00	10.	8.	17.5	19.1	3.1	23.0	2.68	11	AA
40	3633.33	42.	36.	17.4				2.67	17	AA
41	3633.66	16.	13.	16.8				2.69	10	AA
42	3634.00	5.50	4.14	18.7	20.4	2.9	25.0	2.67	13	AA
43	3634.33	39.	33.	18.9				2.69	12	AA
44	3634.66	95.	85.	19.7				2.66	13	AA
45	3635.00	154.	142.	15.7	21.7	8.3	22.6	2.68	14	AA
46	3635.33	104.	93.	15.9				2.67	13	AA
47	3635.66	290.	277.	19.8				2.67	7	SST WH FG SIL CMT MICA
48	3636.00	12.	9.	18.8	18.6	3.2	23.1	2.66	14	AA
49	3636.33	158.	146.	16.7				2.67	9	AA
50	3636.66	67.	59.	16.7				2.64	13	AA

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories UK Ltd. (all errors and omissions excepted); but Core Laboratories UK Ltd. and its officers and employees, assume no responsibility and make no warranty or

STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NDR 830023  
 ANALYSTS : SE

VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		VERTICAL	KL CORR	He	FLD	OIL	WTR			
51	3637.00	195.	182.	19.3	21.0	10.5	19.0	2.66	10	SST WH FG SIL CMT
52	3637.33	21.	17.	16.8				2.66	14	AA
53	3637.66	64.	56.	17.0				2.64	9	AA
54	3638.00	20.	16.	13.9	19.1	9.9	22.5	2.69	6	SST WH FG SIL CMT MICA
CORE 2 ENDS 3638.12										
CORE 3										
55	3639.00	82.	73.	19.1	18.0	3.3	22.8	2.66	14	AA
56	3639.33	354.	342.	18.4				2.66	15	SST WH F-MG SIL CMT MICA
57	3639.66	59.	51.	18.1				2.68	12	AA
58	3640.00	91.	81.	20.3	17.4	3.4	29.3	2.67	11	SST WH F-MG SIL CMT
59	3640.33								9	PRESERVED SAMPLE
60	3640.66	457.	449.	15.7				2.71	10	SST WH F-MG SIL CMT MICA
61	3641.00	134.	122.	19.9	16.0	3.6	30.3	2.69	13	SST WH F-MG SIL CMT
62	3641.33	118.	107.	13.8				2.67	13	AA W/MICA
63	3641.66	492.	485.	17.6				2.66	18	AA
64	3642.00	1.40	0.97	17.7	20.2	3.0	27.7	2.65	14	AA
65	3642.33	259.	246.	17.6				2.66	11	AA
66	3642.66	32.	27.	10.4				2.68	14	AA W/MICA
67	3643.00	362.	351.	19.0	19.0	3.2	26.3	2.66	13	AA
68	3643.33	205.	192.	16.3				2.66	14	AA
69	3643.66	185.	172.	14.8				2.75	9	AA W/MICA
70	3644.00	37.	31.	15.0	14.1	0.0	31.9	2.66	11	SST WH MG SIL CMT
71	3644.33	39.	33.	17.0				2.66	11	AA
72	3644.66	124.	113.	18.2				2.65	9	AA
73	3645.00	985.	1013.	17.3	19.7	3.0	25.4	2.66	12	AA
74	3645.33	327.	315.	18.8				2.66	17	AA
75	3645.66	71.	62.	18.3				2.66	15	SST WH F-MG SIL CMT MICA

STATOIL  
6407/1-3

DATE : JAN 1984  
FORMATION :

FILE NO : NOR 830023  
ANALYSTS : SE

VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		VERTICAL	KL CORR	He	FLD	OIL	WTR			
76	3646.00	665.	668.	19.5	22.1	2.3	23.1	2.66	11	SST WH F-MG SIL CMT
77	3646.33	47.	40.	17.4				2.67	10	AA
78	3646.66	78.	69.	17.2				2.66	13	AA
79	3647.00	113.	102.	18.7	23.7	2.1	23.6	2.65	16	AA
80	3647.33								17	PRESERVED SAMPLE
81	3647.66	425.	416.	17.6				2.66	14	SST WH F-MG SIL CMT
82	3648.00	367.	356.	18.4	20.9	2.4	19.1	2.66	12	AA
83	3648.33	736.	744.	17.6				2.67	9	AA
84	3648.66	1514.	1598.	19.4				2.65	16	AA
85	3649.00	488.	481.	17.7	20.2	8.9	21.8	2.66	11	AA
86	3649.33	12.	9.	23.0				2.66	10	AA
87	3649.66	1010.	1040.	16.8				2.67	8	AA
88	3650.00	105.	94.	20.2	22.8	9.2	23.2	2.67	9	AA
89	3650.33	516.	510.	21.4				2.65	14	AA
90	3650.66	231.	218.	20.0				2.66	17	AA
91	3651.00	208.	195.	15.9	20.5	8.8	14.6	2.67	11	AA
92	3651.33	62.	54.	15.8				2.67	12	AA
93	3651.66	194.	181.	18.7				2.67	15	AA
94	3652.00	110.	99.	13.0	14.9	12.8	25.5	2.67	14	AA
95	3652.33	27.	22.	15.0				2.67	15	AA
96	3652.66	423.	413.	19.1				2.66	10	AA
97	3653.00	116.	105.	21.0	21.0	9.5	23.3	2.66	13	AA
98	3653.33	100.	90.	17.6				2.66	12	AA
99	3653.66	124.	113.	17.5				2.68	15	AA
100	3654.00	319.	307.	19.6	15.7	6.4	26.8	2.66	9	AA
101	3654.33	120.	109.	17.2				2.66	13	AA
102	3654.66	38.	32.	14.5				2.66	18	AA
103	3655.00	110.	99.	18.1	19.0	3.2	29.5	2.66	18	AA
104	3655.33								14	AA
105	3655.66	83.	74.	20.2				2.67	13	AA

This report is based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions

STATOIL  
6407/1-3

DATE : JAN 1984  
FORMATION :

FILE NO : NOR 830023  
ANALYSTS : SE

VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		VERTICAL	KL CORR	He	FLD	OIL	WTR			
106	3656.00	459.	451.	17.5	19.5	4.6	24.6	2.65	12	AA
107	3656.33	241.	228.	15.9				2.66	11	AA
108	3656.66	3.50	2.57	16.8				2.65	18	AA
109	3657.00	60.	52.	16.2	17.6	3.4	23.3	2.65	11	AA
110	3657.33	204.	191.	20.1				2.66	3	AA
CORE 3 ENDS 3657.7										
CORE 4										
111	3657.00	255.	242.	15.2	19.5	9.7	20.1	2.67	10	SST WH C-VCRSG SIL CMT
112	3657.33	120.	109.	8.2				2.67	6	AA
113	3657.66	96.	86.	14.7				2.66	4	AA
114	3658.00								6	PRESERVED SAMPLE
115	3658.33	92.	82.	13.2				2.69	9	SST WH CRSG SIL CMT P IND
116	3658.66	198.	185.	16.7				2.65	10	AA
117	3659.00	429.	420.	13.3	13.4	7.3	20.4	2.66	9	AA
118	3659.33	60.	52.	10.9				2.66	11	AA
119	3659.66	69.	60.	12.0				2.65	15	AA
120	3660.00	729.	736.	16.4	18.2	10.5	24.1	2.66	6	AA
121	3660.33	1777.	1893.	18.0				2.66	8	SST WH CRSG SIL CMT P IND
122	3660.66	1041.	1074.	16.2				2.66	11	AA
123	3661.00	1092.	1130.	16.2	17.6	5.4	20.4	2.66	13	AA
124	3661.33	31.	26.	10.7				2.66	8	SST WH CRSG SIL CMT IND
125	3661.66	922.	944.	15.0				2.66	6	SST WH CRSG SIL CMT P IND
126	3662.00	296.	283.	15.3	15.7	14.1	25.6	2.67	9	SST WH CRSG SIL CMT
127	3662.33	2231.	2409.	19.3				2.66	7	SST WH MG SIL CMT
128	3662.66	1328.	1390.	18.0				2.66	8	SST WH MG CALC CMT
129	3663.00	644.	646.	17.8	23.4	7.7	22.3	2.67	8	AA
130	3663.33	2340.	2534.	20.3				2.67	14	AA



STATOIL  
6407/1-3

DATE : JAN 1984  
FORMATION :

FILE NO : NOR 830023  
ANALYSTS : SE

VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		VERTICAL	KL CORR	He	FLD	OIL	WTR			
131	3663.66	197.	184.	17.0				2.67	12	AA
132	3664.00	1380.	1448.	19.0	19.6	9.1	25.0	2.67	9	AA
133	3664.33								8	PRESERVED SAMPLE
134	3664.66	639.	640.	17.1				2.67	7	SST WH WG CALC CMT
135	3665.00	4942.	5598.	21.0	20.3	11.0	27.5	2.67	6	SST WH C-MG CARB CMT P IND
136	3665.33	68.	60.	17.2				2.66	7	SST WH MG CALC CMT
137	3665.66	0.57	0.37	12.7				2.70	3	SST WH C-MG CARB CMT MICA
138	3666.00	352.	340.	15.1	25.6	7.4	20.6	2.66	6	SST WH MG CARB CMT
139	3666.33	2186.	2358.	20.3				2.66	8	AA
140	3666.66	48.	41.	18.0				2.67	11	AA
141	3667.00	2156.	2324.	20.0	22.8	10.2	24.2	2.67	5	AA
142	3667.33	451.	443.	19.0				2.67	13	AA
143	3667.66	1729.	1839.	16.7				2.66	7	AA
144	3668.00	434.	425.	16.1	21.9	8.4	21.9	2.67	9	AA
145	3668.33	2253.	2435.	20.5				2.66	6	AA
146	3668.66	1510.	1593.	19.2				2.67	9	AA
147	3669.00	1149.	1192.	19.6	22.6	2.4	20.6	2.67	11	AA
148	3669.33	892.	912.	18.5				2.67	11	AA
149	3669.66	568.	565.	18.1				2.66	10	AA
150	3670.00								12	AA
151	3670.33	643.	644.	18.9				2.67	5	AA
152	3670.66	1007.	1037.	17.7				2.67	11	AA
153	3671.00	1636.	1734.	18.0	22.5	8.9	23.3	2.67	12	AA
154	3671.33	1613.	1708.	20.7				2.67	15	AA
155	3671.66	474.	466.	18.3				2.66	14	AA
156	3672.00	539.	535.	19.3	23.3	2.3	25.6	2.66	14	AA
157	3672.33	1877.	2006.	19.0				2.67	11	AA
158	3672.66	592.	590.	19.1				2.66	10	SST WH F-MG CARB CMT IND
159	3673.00	1217.	1267.	19.6	19.9	11.4	26.5	2.66	13	SST WH MG CARB CMT P IND
160	3673.33	128.	116.	18.5				2.67	13	SST WH F-MG CARB CMT IND

STATOIL  
6407/1-3

DATE : JAN 1984  
FORMATION :

FILE NO : NOR 830023  
ANALYSTS : SE

VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	PERM. TO AIR VERTICAL KL CORR	POROSITY He FLD	FLUID SATS. OIL WTR	GRAIN DEN	GAMMA DIGIT	DESCRIPTION			
161	3673.66	1069.	1105.	20.1		2.67	12	SST WH MG CARB CMT P IND		
162	3674.00	102.	92.	20.0	18.8	10.1	26.3	2.66	5	SST WH F-MG CARB CMT IND
163	3674.33	66.	58.	18.0				2.68	11	AA
164	3674.66	133.	121.	17.0				2.67	13	AA
165	3675.00	706.	712.	19.3	24.8	9.3	22.9	2.67	10	SST WH MG CARB CMT P IND
166	3675.33	1179.	1226.	20.2				2.66	11	AA
167	3675.66	1293.	1351.	20.0				2.67	13	AA
168	3676.00	41.	35.	15.0	19.9	4.7	27.1	2.67	12	AA
169	3676.33	1527.	1612.	20.5				2.66	13	AA
170	3676.66	250.	237.	19.7				2.66	12	AA
171	3677.00	1757.	1871.	21.7	25.3	8.4	23.7	2.67	10	AA
172	3677.33	2117.	2279.	26.5				2.66	12	AA
173	3677.66								8	PRESERVED SAMPLE
174	3678.00	282.	269.	19.4	24.2	7.4	23.6	2.66	11	SST WH MG CARB CMT IND
175	3678.33	218.	205.	14.8				2.66	8	SST WH F-MG CARB CMT IND
176	3678.66								8	RUBBLE
177	3679.00				22.5	8.8	26.3		11	AA
178	3679.33								7	AA
179	3679.66								3	AA
180	3680.00				22.5	8.8	26.7		8	AA
181	3680.33								10	AA
182	3680.66								9	AA
183	3681.00	1129.	1170.	20.0	17.0	5.9	33.6	2.67	5	AA
184	3681.33								3	AA
185	3681.66								2	AA
186	3682.00				22.4	8.6	17.4		5	SST WH F-MG CARB CMT P IND
187	3682.33								8	RUBBLE
188	3682.66								4	AA
189	3683.00				22.4	8.4	30.0		3	AA
190	3683.33								8	AA

STATOIL  
6407/1-3

DATE : JAN 1984  
FORMATION :

FILE NO : NOR 830023  
ANALYSTS : SE

VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		VERTICAL	KL CORR	He	FLD	OIL	WTR			
191	3683.66	762.	772.	17.3				2.67	10	SST WH F-MG CARB CMT IND
CORE 4 ENDS 3684.0										
CORE 5										
192	3684.00	678.	682.	18.4	19.6	4.6	27.0	2.66	12	AA
193	3684.33	925.	948.	19.0				2.66	14	AA
194	3684.66	4.10	3.03	11.7				2.66	4	SST WH FG CALC CMT IND
195	3685.00	876.	894.	18.3	19.8	9.6	26.3	2.64	11	SST WH F-MG CARB CMT IND
196	3685.33	126.	115.	19.6				2.66	8	SST WH MG CARB CMT IND
197	3685.66								7	PRESERVED SAMPLE
198	3686.00	368.	357.	18.9	22.5	8.0	28.0	2.65	10	SST WH MG CARB CMT IND
199	3686.33	495.	488.	19.2				2.66	13	AA
200	3686.66	820.	834.	20.1				2.66	16	AA
201	3687.00	1053.	1087.	20.3	22.1	10.0	30.8	2.67	8	AA
202	3687.33	922.	944.	19.6				2.66	7	AA
203	3687.66	636.	637.	19.3				2.66	6	AA
204	3688.00	690.	695.	18.6	24.1	18.3	19.9	2.66	6	AA
205	3688.33	556.	552.	19.9				2.67	4	AA
206	3688.66	1356.	1421.	21.2				2.66	3	AA
207	3689.00	937.	961.	21.2	23.5	20.0	24.7	2.66	17	AA
208	3689.33	585.	583.	21.5				2.67	15	SST WH F-MG SIL CMT IND
209	3689.66	617.	617.	19.5				2.66	12	AA
210	3690.00	617.	617.	21.3	24.7	20.6	26.3	2.66	10	AA
211	3690.33	1728.	1838.	21.1				2.65	12	AA
212	3690.66	437.	428.	19.7				2.66	16	AA
213	3691.00	1749.	1862.	19.4	22.9	15.3	32.8	2.65	9	AA
214	3691.33	78.	69.	21.0				2.65	11	AA
215	3691.66	2311.	2501.	21.1				2.65	8	SST F-MG SIL CMT P IND

STATOIL  
6407/1-3

DATE : JAN 1984  
FORMATION :

FILE NO : NOR 830023  
ANALYSTS : SE

VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	PERM. TO AIR VERTICAL KL CORR	POROSITY He FLD	FLUID SATS. OIL WTR	GRAIN DEN	GAMMA DIGIT	DESCRIPTION
216	3692.00		24.0	17.1 23.8		7	PRESERVED SAMPLE
217	3692.33	1308.	1368.	20.8		2.65 13	SST F-MG SIL CMT
218	3692.66	514.	508.	21.7		2.66 7	SST F-MG SIL CMT
219	3693.00	518.	513.	21.7 23.3	18.9 28.8	2.66 12	AA
220	3693.33	70.	61.	19.8		2.68 15	SST F-MG SIL CMT MICA IND
221	3693.66	403.	393.	19.1		2.66 12	SST F-MG SIL CMT IND
222	3694.00	163.	150.	18.6 22.2	18.0 21.2	2.66 6	AA
223	3694.33	636.	637.	20.2		2.65 7	AA
224	3694.66	38.	32.	19.6		2.66 10	AA
225	3695.00	940.	964.	19.7 21.5	29.8 33.0	2.66 8	SST MG SIL CMT IND
226	3695.33	1038.	1071.	21.2		2.66 4	AA
227	3695.66	360.	348.	19.8		2.66 12	SST F-MG SIL CMT IND
228	3696.00	1217.	1267.	20.1 23.6	19.9 22.0	2.66 9	AA
229	3696.33	728.	735.	20.3		2.66 11	AA
230	3696.66	933.	956.	21.0		2.66 11	AA
231	3697.00	1372.	1439.	20.0 21.4	19.6 31.8	2.65 13	AA
232	3697.33	591.	589.	20.4		2.66 12	AA
233	3697.66	241.	228.	19.2		2.66 13	AA
234	3698.00	349.	337.	18.2 20.8	16.3 28.4	2.67 10	AA W/MICA LAM
235	3698.33	36.	30.	18.0		2.66 8	AA
236	3698.66	1058.	1093.	20.8		2.66 5	SST WH F-MG SIL CMT
237	3699.00	52.	45.	18.1 22.4	14.3 35.3	2.66 10	SST WH F-MG SIL CMT MIC LAM
238	3699.33	810.	823.	20.2		2.66 10	SST WH F-MG SIL CMT IND
239	3699.66	478.	471.	18.9		2.66 6	AA
240	3700.00					9	PRESERVED SAMPLE
241	3700.33	856.	873.	20.3		2.65 1	SST WH F-MG SIL CMT IND
242	3700.66	965.	991.	21.1		2.66 5	AA
243	3701.00	1724.	1833.	22.1 24.9	18.9 28.9	2.67 13	AA
244	3701.33	1501.	1583.	20.3		2.65 4	SST WH MG SIL CMT
245	3701.66	1705.	1812.	21.2		2.66 6	AA

STATOIL  
6407/1-3

DATE : JAN 1984  
FORMATION :

FILE NO : NOR 830023  
ANALYSTS : SE

VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		VERTICAL	KL CORR	He	FLD	OIL	WTR			
246	3702.00	1103.	1142.	15.4	19.0	16.8	33.7	2.65	4	AA
247	3702.33	542.	538.	18.4				2.65	5	SST WH MG SIL CMT CRSG LAM
248	3702.66	683.	687.	19.4				2.65	13	SST WH F-MG SIL CMT
249	3703.00	905.	926.	20.3	21.4	20.1	33.6	2.65	12	AA
250	3703.33	151.	139.	17.2				2.65	13	AA W/MICA
251	3703.66	804.	817.	20.5				2.66	14	SST WH F-MG SIL CMT FRAC
252	3704.00	294.	281.	20.2	18.0	28.3	40.6	2.66	19	SST WH F-MG SIL CMT
253	3704.33	370.	359.	18.9				2.65	28	AA
254	3704.66	2.10	1.49	14.4				2.69	33	SST WH F-MG SIL CMT MIC LM
255	3705.00	5.70	4.30	14.5	18.9	18.5	33.3	2.68	15	AA
256	3705.33	11.	9.	15.0				2.67	17	SST WH FG SIL CMT IND
257	3705.66	12.	9.	15.2				2.67	27	AA
258	3706.00	7.60	5.84	15.4	17.1	18.1	36.8	2.69	32	SST WH FG SIL CMT MIC LM
259	3706.33								29	PRESERVED SAMPLE
260	3706.66								36	PRESERVED SAMPLE
261	3707.00	5.00	3.74	15.0	19.5	19.0	38.9	2.67	40	SST WH FG SIL CMT MIC LM
262	3707.33	11.	9.	15.0				2.68	36	AAA
263	3707.66	3.70	2.72	17.1				2.74	29	AA
264	3708.00	12.	9.	15.2	20.0	16.0	38.0	2.70	29	AA W/MICA BND
265	3708.33	52.	45.	17.8				2.67	24	SST WH F-VFG SIL CMT IND
266	3708.66	14.	11.	16.5				2.69	23	AA W/MICA LAM
267	3709.00	22.	18.	17.4	19.5	16.9	43.2	2.67	22	AA
268	3709.33	2.80	2.03	14.5				2.70	22	AA W/MICA
269	3709.66	0.30	0.19	4.5				2.72	39	SH/SST DK GRY SIL CMT MICA
270	3710.00	0.40	0.26	13.8	14.4	0.0	67.4	2.68	25	SST GRY F-VFG SIL CMT MICAA
271	3710.33	0.72	0.48	14.8				2.68	16	SST WH F-VFG SIL CMT MICA

CORE 5 ENDS 3710.4

CORE 6

STATOIL  
6407/1-3

DATE : JAN 1984  
FORMATION :

FILE NO : NOR 830023  
ANALYSTS : SE

VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		VERTICAL	KL CORR	He	FLD	OIL	WTR			
272	3711.00	0.06	0.03	9.4	10.5	0.0	68.6	2.71	28	SST WH VFG SIL CMT MICA LM
273	3711.33	0.05	0.03	8.5				2.65	39	AA
274	3711.66	0.06	0.03	12.0				2.70	42	AA
275	3712.00	0.10	0.06	8.0	7.6	0.0	76.3	2.71	39	SSY GRY VFG SIL CMT MICA
276	3712.33								41	SHALE
277	3712.66								43	AA
278	3713.00								39	AA
279	3713.33								38	AA
280	3713.66								35	AA
281	3714.00								42	AA
282	3714.33								32	AA
283	3714.66								35	AA
284	3715.00								35	AA
285	3715.33								32	AA
286	3715.66								36	AA
287	3716.00								37	AA
CORE 6 ENDS 3716.21										
CORE 7										
288	3748.00								32	AA
289	3748.33	0.05	0.03						29	SST WH FG SIL CMT MICA
290	3748.66	0.16	0.10	11.3				2.67	38	SST WH F-VFG SIL CMT MICA
291	3749.00	0.06	0.03	9.1	9.1	0.0	62.9	2.70	29	AA
292	3749.33	0.04	0.02	2.3				2.71	30	SST WH VFG SIL CMT MICA
293	3749.66	0.44	0.28	11.2				2.68	35	AA
294	3750.00	0.05	0.03	11.0	10.2	0.0	67.7	2.97	33	SST WH VFG SIL CMT CALC
295	3750.33	0.11	0.07	10.6				2.67	37	SST WH VFG SIL CMT MICA
296	3750.66	0.08	0.05	10.2				2.66	27	AA

STATOIL  
6407/1-3

DATE : JAN 1984  
FORMATION :

FILE NO : NOR 830023  
ANALYSTS : SE

VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		VERTICAL	KL CORR	He	FLD	OIL	WTR			
297	3751.00	0.07	0.04	10.2	11.0	0.0	55.9	2.69	30	AA
298	3751.33	0.02	0.01	5.8				2.88	32	SLTY SH GRY
299	3751.66	0.02	0.01	7.5				2.74	22	SLTY SST WH VFG MICA
300	3752.00	0.02	0.01	6.2	8.1	0.0	76.2	2.81	27	SLTY SH GRY
301	3752.33	0.04	0.02	9.3				2.71	25	SST WH VFG MICA LAM
302	3752.66	0.07	0.04	3.7				2.84	16	SLTY SH GRY
303	3753.00	87.	77.	17.7	15.3	0.0	72.1	2.65	15	SST WH FG IND
304	3753.33	3.10	2.26	16.4				2.65	9	SST WH VFG IND
305	3753.66	232.	219.	16.5				2.65	24	SST WH F-VFG IND
306	3754.00	9.50	7.39	14.2	15.5	0.0	58.0	2.65	29	AA
307	3754.33	13.	10.	16.2				2.65	22	AA
308	3754.66	0.39	0.25	11.9				2.66	25	AA W/MICA
309	3755.00	5.50	4.14	16.7	16.2	0.0	59.1	2.66	14	SST WH VFG IND
310	3755.33	6.40	4.86	17.8				2.68	7	AA
311	3755.66	215.	202.	19.5				2.65	9	SST WH F-MG
312	3756.00	63.	55.	16.8	16.3	0.0	68.3	2.68	7	SST WH M-CRSG SIL/CARB CMT
313	3756.33	175.	162.	17.0				2.65	8	SST WH MG SIL CMT
314	3756.66	139.	127.	19.0				2.66	13	SST WH F-MG SIL CMT
315	3757.00	41.	35.	14.7	14.7	0.0	50.6	2.64	14	SST WH F-MG SIL CMT
316	3757.33								11	RUBBLE
317	3757.66								4	PRESERVED SAMPLE
318	3758.00			16.8		0.0	86.2		5	

CORE 7 ENDS 3758.0

STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NOR 830023  
 ANALYSTS : SE

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		HORIZTL	KL CORR	He	FLD	OIL	WTR			
51	3637.00	235.	222.	19.3	21.0	10.5	19.0	2.66	10	SST WH FG SIL CMT
52	3637.33	112.	101.	16.8				2.66	14	AA
53	3637.66	106.	95.	17.0				2.64	9	AA
54	3638.00	25.	21.	13.9	19.1	9.9	22.5	2.69	6	SST WH FG SIL CMT MICA
CORE 2 ENDS 3638.12										
CORE 3										
55	3639.00	546.	542.	19.1	18.0	3.3	22.8	2.66	14	AA
56	3639.33	354.	342.	18.4				2.66	15	SST WH F-MG SIL CMT MICA
57	3639.66	316.	304.	18.1				2.68	12	AA
58	3640.00	685.	689.	20.3	17.4	3.4	29.3	2.67	11	SST WH F-MG SIL CMT
59	3640.33								9	PRESERVED SAMPLE
60	3640.66	200.	187.	15.7				2.71	10	SST WH F-MG SIL CMT MICA
61	3641.00	732.	739.	19.9	16.0	3.6	30.3	2.69	13	SST WH F-MG SIL CMT
62	3641.33	93.	83.	13.8				2.67	13	AA W/MICA
63	3641.66	326.	314.	17.6				2.66	18	AA
64	3642.00	339.	327.	17.7	20.2	3.0	27.7	2.65	14	AA
65	3642.33	338.	326.	17.6				2.66	11	AA
66	3642.66	18.	15.	10.4				2.68	14	AA W/MICA
67	3643.00	434.	425.	19.0	19.0	3.2	26.3	2.66	13	AA
68	3643.33	286.	273.	16.3				2.66	14	AA
69	3643.66	171.	158.	14.8				2.75	9	AA W/MICA
70	3644.00	308.	295.	15.0	14.1	0.0	31.9	2.66	11	SST WH MG SIL CMT
71	3644.33	764.	774.	17.0				2.66	11	AA
72	3644.66	678.	682.	18.2				2.65	9	AA
73	3645.00	573.	570.	17.3	19.7	3.0	25.4	2.66	12	AA
74	3645.33	939.	963.	18.8				2.66	17	AA
75	3645.66	402.	392.	18.3				2.66	15	SST WH F-MG SIL CMT MICA



STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NOR 830023  
 ANALYSTS : SE

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		HORIZTL	KL CORR	He	FLD	OIL	WTR			
76	3646.00	571.	568.	19.5	22.1	2.3	23.1	2.66	11	SST WH F-MG SIL CMT
77	3646.33	407.	397.	17.4				2.67	10	AA
78	3646.66	284.	271.	17.2				2.66	13	AA
79	3647.00	545.	541.	18.7	23.7	2.1	23.6	2.65	16	AA
80	3647.33								17	PRESERVED SAMPLE
81	3647.66	309.	296.	17.6				2.66	14	SST WH F-MG SIL CMT
82	3648.00	473.	465.	18.4	20.9	2.4	19.1	2.66	12	AA
83	3648.33	428.	419.	17.6				2.67	9	AA
84	3648.66	1002.	1031.	19.4				2.65	16	AA
85	3649.00	496.	489.	17.7	20.2	8.9	21.8	2.66	11	AA
86	3649.33	2116.	2278.	23.0				2.66	10	AA
87	3649.66	420.	410.	16.8				2.67	8	AA
88	3650.00	660.	663.	20.2	22.8	9.2	23.2	2.67	9	AA
89	3650.33	917.	939.	21.4				2.65	14	AA
90	3650.66	580.	578.	20.0				2.66	17	AA
91	3651.00	236.	223.	15.9	20.5	8.8	14.6	2.67	11	AA
92	3651.33	164.	151.	15.8				2.67	12	AA
93	3651.66	297.	284.	18.7				2.67	15	AA
94	3652.00	46.	39.	13.0	14.9	12.8	25.5	2.67	14	AA
95	3652.33	108.	97.	15.0				2.67	15	AA
96	3652.66	458.	450.	19.1				2.66	10	AA
97	3653.00	613.	613.	21.0	21.0	9.5	23.3	2.66	13	AA
98	3653.33	213.	200.	17.6				2.66	12	AA
99	3653.66	173.	160.	17.5				2.68	15	AA
100	3654.00	383.	372.	19.6	15.7	6.4	26.8	2.66	9	AA
101	3654.33	119.	108.	17.2				2.66	13	AA
102	3654.66	48.	41.	14.5				2.66	18	AA
103	3655.00	202.	189.	18.1	19.0	3.2	29.5	2.66	18	AA
104	3655.33								14	AA
105	3655.66	367.	356.	20.2				2.67	13	AA

STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NOR 830023  
 ANALYSTS : SE

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		HORIZTL	KL CORR	He	FLD	OIL	WTR			
106	3656.00	277.	264.	17.5	19.5	4.6	24.6	2.65	12	AA
107	3656.33	145.	133.	15.9				2.66	11	AA
108	3656.66	158.	146.	16.8				2.65	18	AA
109	3657.00	164.	151.	16.2	17.6	3.4	23.3	2.65	11	AA
110	3657.33	373.	362.	20.1				2.66	3	AA
CORE 3 ENDS 3657.7										
CORE 4										
111	3657.00	1082.	1119.	15.2	19.5	9.7	20.1	2.67	10	SST WH C-VCRSG SIL CMT
112	3657.33	473.	465.	8.2				2.67	6	AA
113	3657.66	558.	555.	14.7				2.66	4	AA
114	3658.00								6	PRESERVED SAMPLE
115	3658.33	274.	261.	13.2				2.69	9	SST WH CRSG SIL CMT P IND
116	3658.66	1856.	1982.	16.7				2.65	10	AA
117	3659.00	578.	576.	13.3	13.4	7.3	20.4	2.66	9	AA
118	3659.33	109.	98.	10.9				2.66	11	AA
119	3659.66	984.	1012.	12.0				2.65	15	AA
120	3660.00	2349.	2545.	16.4	18.2	10.5	24.1	2.66	6	AA
121	3660.33	2815.	3083.	18.0				2.66	8	SST WH CRSG SIL CMT P IND
122	3660.66	1209.	1259.	16.2				2.66	11	AA
123	3661.00	2277.	2462.	16.2	17.6	5.4	20.4	2.66	13	AA
124	3661.33	188.	175.	10.7				2.66	8	SST WH CRSG SIL CMT IND
125	3661.66	1460.	1537.	15.0				2.66	6	SST WH CRSG SIL CMT P IND
126	3662.00	1035.	1067.	15.3	15.7	14.1	25.6	2.67	9	SST WH CRSG SIL CMT
127	3662.33	2169.	2339.	19.3				2.66	7	SST WH MG SIL CMT
128	3662.66	1265.	1320.	18.0				2.66	8	SST WH MG CALC CMT
129	3663.00	1705.	1812.	17.8	23.4	7.7	22.3	2.67	8	AA
130	3663.33	2805.	3071.	20.3				2.67	14	AA

STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NOR 830023  
 ANALYSTS : SE

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		HORIZTL	KL CORR	He	FLD	OIL	WTR			
131	3663.66	792.	804.	17.0				2.67	12	AA
132	3664.00	1898.	2030.	19.0	19.6	9.1	25.0	2.67	9	AA
133	3664.33								8	PRESERVED SAMPLE
134	3664.66	1815.	1936.	17.1				2.67	7	SST WH WG CALC CMT
135	3665.00	5982.	6854.	21.0	20.3	11.0	27.5	2.67	6	SST WH C-MG CARB CMT P IND
136	3665.33	728.	735.	17.2				2.66	7	SST WH MG CALC CMT
137	3665.66	663.	666.	12.7				2.70	3	SST WH C-MG CARB CMT MICA
138	3666.00	347.	335.	15.1	25.6	7.4	20.6	2.66	6	SST WH MG CARB CMT
139	3666.33	2242.	2422.	20.3				2.66	8	AA
140	3666.66	914.	936.	18.0				2.67	11	AA
141	3667.00	1921.	2056.	20.0	22.8	10.2	24.2	2.67	5	AA
142	3667.33	1279.	1336.	19.0				2.67	13	AA
143	3667.66	750.	759.	16.7				2.66	7	AA
144	3668.00	453.	445.	16.1	21.9	8.4	21.9	2.67	9	AA
145	3668.33	2621.	2858.	20.5				2.66	6	AA
146	3668.66	1909.	2043.	19.2				2.67	9	AA
147	3669.00	1634.	1732.	19.6	22.6	2.4	20.6	2.67	11	AA
148	3669.33	672.	675.	18.5				2.67	11	AA
149	3669.66	1248.	1302.	18.1				2.66	10	AA
150	3670.00								12	AA
151	3670.33	855.	872.	18.9				2.67	5	AA
152	3670.66	1257.	1312.	17.7				2.67	11	AA
153	3671.00	855.	872.	18.0	22.5	8.9	23.3	2.67	12	AA
154	3671.33	1983.	2127.	20.7				2.67	15	AA
155	3671.66	1002.	1031.	18.3				2.66	14	AA
156	3672.00	1083.	1120.	19.3	23.3	2.3	25.6	2.66	14	AA
157	3672.33	956.	981.	19.0				2.67	11	AA
158	3672.66	626.	626.	19.1				2.66	10	SST WH F-MG CARB CMT IND
159	3673.00	1211.	1261.	19.6	19.9	11.4	26.5	2.66	13	SST WH MG CARB CMT P IND
160	3673.33	598.	597.	18.5				2.67	13	SST WH F-MG CARB CMT IND

STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NOR 830023  
 ANALYSTS : SE

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		HORIZITL	KL CORR	He	FLD	OIL	WTR			
161	3673.66	1213.	1263.	20.1				2.67	12	SST WH MG CARB CMT P IND
162	3674.00	496.	489.	20.0	18.8	10.1	26.3	2.66	5	SST WH F-MG CARB CMT IND
163	3674.33	459.	451.	18.0				2.68	11	AA
164	3674.66	417.	407.	17.0				2.67	13	AA
165	3675.00	1272.	1328.	19.3	24.8	9.3	22.9	2.67	10	SST WH MG CARB CMT P IND
166	3675.33	1703.	1810.	20.2				2.66	11	AA
167	3675.66	1261.	1316.	20.0				2.67	13	AA
168	3676.00	240.	227.	15.0	19.9	4.7	27.1	2.67	12	AA
169	3676.33	1964.	2105.	20.5				2.66	13	AA
170	3676.66	1694.	1800.	19.7				2.66	12	AA
171	3677.00	2357.	2554.	21.7	25.3	8.4	23.7	2.67	10	AA
172	3677.33	2643.	2884.	26.5				2.66	12	AA
173	3677.66								8	PRESERVED SAMPLE
174	3678.00	1091.	1129.	19.4	24.2	7.4	23.6	2.66	11	SST WH MG CARB CMT IND
175	3678.33	220.	207.	14.8				2.66	8	SST WH F-MG CARB CMT IND
176	3678.66								8	RUBBLE
177	3679.00				22.5	8.8	26.3		11	AA
178	3679.33								7	AA
179	3679.66								3	AA
180	3680.00				22.5	8.8	26.7		8	AA
181	3680.33								10	AA
182	3680.66								9	AA
183	3681.00	1982.	2125.	20.0	17.0	5.9	33.6	2.67	5	AA
184	3681.33								3	AA
185	3681.66								2	AA
186	3682.00				22.4	8.6	17.4		5	SST WH F-MG CARB CMT P IND
187	3682.33								8	RUBBLE
188	3682.66								4	AA
189	3683.00				22.4	8.4	30.0		3	AA
190	3683.33								8	AA

STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NOR 830023  
 ANALYSTS : SE

SAMPLE NUMBER	DEPTH	PERM. TO AIR HORIZTL KL CORR	POROSITY He FLD	FLUID SATS. OIL WTR	GRAIN DEN	GAMMA DIGIT	DESCRIPTION
191	3683.66	532.	527.	17.3		2.67 10	SST WH F-MG CARB CMT IND
CORE 4 ENDS 3684.0							
CORE 5							
192	3684.00	1093.	1131.	18.4 19.6	4.6 27.0	2.66 12	AA
193	3684.33	1261.	1316.	19.0		2.66 14	AA
194	3684.66	59.	51.	11.7		2.66 4	SST WH FG CALC CMT IND
195	3685.00	901.	922.	18.3 19.8	9.6 26.3	2.64 11	SST WH F-MG CARB CMT IND
196	3685.33	1942.	2080.	19.6		2.66 8	SST WH MG CARB CMT IND
197	3685.66					7	PRESERVED SAMPLE
198	3686.00	729.	736.	18.9 22.5	8.0 28.0	2.65 10	SST WH MG CARB CMT IND
199	3686.33	1007.	1037.	19.2		2.66 13	AA
200	3686.66	1470.	1548.	20.1		2.66 16	AA
201	3687.00	1210.	1260.	20.3 22.1	10.0 30.8	2.67 8	AA
202	3687.33	943.	967.	19.6		2.66 7	AA
203	3687.66	935.	958.	19.3		2.66 6	AA
204	3688.00	993.	1022.	18.6 24.1	18.3 19.9	2.66 6	AA
205	3688.33	1154.	1198.	19.9		2.67 4	AA
206	3688.66	1482.	1562.	21.2		2.66 3	AA
207	3689.00	1074.	1110.	21.2 23.5	20.0 24.7	2.66 17	AA
208	3689.33	601.	600.	21.5		2.67 15	SST WH F-MG SIL CMT IND
209	3689.66	758.	767.	19.5		2.66 12	AA
210	3690.00	976.	1003.	21.3 24.7	20.6 26.3	2.66 10	AA
211	3690.33	1529.	1614.	21.1		2.65 12	AA
212	3690.66	573.	570.	19.7		2.66 16	AA
213	3691.00	755.	764.	19.4 22.9	15.3 32.8	2.65 9	AA
214	3691.33	1801.	1920.	21.0		2.65 11	AA
215	3691.66	1585.	1677.	21.1		2.65 8	SST F-MG SIL CMT P IND

STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NOR 830023  
 ANALYSTS : SE

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		HORIZTL	KL CORR	He	FLD	OIL	WTR			
216	3692.00				24.0	17.1	23.8		7	PRESERVED SAMPLE
217	3692.33	1669.	1771.	20.8				2.65	13	SST F-MG SIL CMT
218	3692.66	1072.	1108.	21.7				2.66	7	SST F-MG SIL CMT
219	3693.00	1029.	1061.	21.7	23.3	18.9	28.8	2.66	12	AA
220	3693.33	521.	516.	19.8				2.68	15	SST F-MG SIL CMT MICA IND
221	3693.66	557.	553.	19.1				2.66	12	SST F-MG SIL CMT IND
222	3694.00	567.	564.	18.6	22.2	18.0	21.2	2.66	6	AA
223	3694.33	928.	951.	20.2				2.65	7	AA
224	3694.66	713.	719.	19.6				2.66	10	AA
225	3695.00	1304.	1364.	19.7	21.5	29.8	33.0	2.66	8	SST MG SIL CMT IND
226	3695.33	1637.	1735.	21.2				2.66	4	AA
227	3695.66	627.	627.	19.8				2.66	12	SST F-MG SIL CMT IND
228	3696.00	1030.	1062.	20.1	23.6	19.9	22.0	2.66	9	AA
229	3696.33	940.	964.	20.3				2.66	11	AA
230	3696.66	1254.	1308.	21.0				2.66	11	AA
231	3697.00	764.	774.	20.0	21.4	19.6	31.8	2.65	13	AA
232	3697.33	564.	561.	20.4				2.66	12	AA
233	3697.66	495.	488.	19.2				2.66	13	AA
234	3698.00	337.	325.	18.2	20.8	16.3	28.4	2.67	10	AA W/MICA LAM
235	3698.33	380.	369.	18.0				2.66	8	AA
236	3698.66	1080.	1117.	20.8				2.66	5	SST WH F-MG SIL CMT
237	3699.00	591.	589.	18.1	22.4	14.3	35.3	2.66	10	SST WH F-MG SIL CMT MIC LAM
238	3699.33	981.	1009.	20.2				2.66	10	SST WH F-MG SIL CMT IND
239	3699.66	701.	706.	18.9				2.66	6	AA
240	3700.00								9	PRESERVED SAMPLE
241	3700.33	976.	1003.	20.3				2.65	1	SST WH F-MG SIL CMT IND
242	3700.66	973.	1000.	21.1				2.66	5	AA
243	3701.00	2064.	2219.	22.1	24.9	18.9	28.9	2.67	13	AA
244	3701.33	1708.	1815.	20.3				2.65	4	SST WH MG SIL CMT
245	3701.66	2038.	2189.	21.2				2.66	6	AA

STATOIL  
6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NOR 830023  
 ANALYSTS : SE

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		HORIZTL	KL CORR	He	FLD	OIL	WTR			
246	3702.00	2123.	2286.	15.4	19.0	16.8	33.7	2.65	4	AA
247	3702.33	750.	759.	18.4				2.65	5	SST WH MG SIL CMT CRSG LAM
248	3702.66	1236.	1288.	19.4				2.65	13	SST WH F-MG SIL CMT
249	3703.00	1317.	1378.	20.3	21.4	20.1	33.6	2.65	12	AA
250	3703.33	568.	565.	17.2				2.65	13	AA W/MICA
251	3703.66	957.	982.	20.5				2.66	14	SST WH F-MG SIL CMT FRAC
252	3704.00	443.	434.	20.2	18.0	28.3	40.6	2.66	19	SST WH F-MG SIL CMT
253	3704.33	592.	590.	18.9				2.65	28	AA
254	3704.66	40.	34.	14.4				2.69	33	SST WH F-MG SIL CMT MIC LM
255	3705.00	17.	14.	14.5	18.9	18.5	33.3	2.68	15	AA
256	3705.33	18.	15.	15.0				2.67	17	SST WH FG SIL CMT IND
257	3705.66	22.	18.	15.2				2.67	27	AA
258	3706.00	12.	9.	15.4	17.1	18.1	36.8	2.69	32	SST WH FG SIL CMT MIC LM
259	3706.33								29	PRESERVED SAMPLE
260	3706.66								36	PRESERVED SAMPLE
261	3707.00	13.	10.	15.0	19.5	19.0	38.9	2.67	40	SST WH FG SIL CMT MIC LM
262	3707.33	14.	11.	15.0				2.68	36	AAA
263	3707.66	11.	9.	17.1				2.74	29	AA
264	3708.00	19.	15.	15.2	20.0	16.0	38.0	2.70	29	AA W/MICA BND
265	3708.33	46.	39.	17.8				2.67	24	SST WH F-VFG SIL CMT IND
266	3708.66	16.	13.	16.5				2.69	23	AA W/MICA LAM
267	3709.00	41.	35.	17.4	19.5	16.9	43.2	2.67	22	AA
268	3709.33	3.70	2.72	14.5				2.70	22	AA W/MICA
269	3709.66	1.00	0.68	4.5				2.72	39	SH/SST DK GRY SIL CMT MICA
270	3710.00	0.17	0.10	13.8	14.4	0.0	67.4	2.68	25	SST GRY F-VFG SIL CMT MICAA
271	3710.33			14.8				2.68	16	SST WH F-VFG SIL CMT MICA

CORE 5 ENDS 3710.4

CORE 6

STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NOR 830023  
 ANALYSTS : SE

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		HORIZTL	KL CORR	He	FLD	OIL	WTR			
272	3711.00	0.40	0.26	9.4	10.5	0.0	68.6	2.71	28	SST WH VFG SIL CMT MICA LM
273	3711.33			8.5				2.65	39	AA
274	3711.66	0.40	0.26	12.0				2.70	42	AA
275	3712.00	0.19	0.12	8.0	7.6	0.0	76.3	2.71	39	SSY GRY VFG SIL CMT MICA
276	3712.33								41	SHALE
277	3712.66								43	AA
278	3713.00								39	AA
279	3713.33								38	AA
280	3713.66								35	AA
281	3714.00								42	AA
282	3714.33								32	AA
283	3714.66								35	AA
284	3715.00								35	AA
285	3715.33								32	AA
286	3715.66								36	AA
287	3716.00								37	AA
CORE 6 ENDS 3716.21										
CORE 7										
288	3748.00								32	AA
289	3748.33								29	SST WH FG SIL CMT MICA
290	3748.66	1.40	0.97	11.3				2.67	38	SST WH F-VFG SIL CMT MICA
291	3749.00	0.69	0.46	9.1	9.1	0.0	62.9	2.70	29	AA
292	3749.33	0.10	0.06	2.3				2.71	30	SST WH VFG SIL CMT MICA
293	3749.66	0.47	0.31	11.2				2.68	35	AA
294	3750.00	0.24	0.15	11.0	10.2	0.0	67.7	2.97	33	SST WH VFG SIL CMT CALC
295	3750.33	0.37	0.24	10.6				2.67	37	SST WH VFG SIL CMT MICA
296	3750.66	0.36	0.23	10.2				2.66	27	AA



STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :

FILE NO : NOR 830023  
 ANALYSTS : SE

SAMPLE NUMBER	DEPTH	PERM. TO AIR		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		HORIZTL	KL CORR	He	FLD	OIL	WTR			
297	3751.00	0.49	0.32	10.2	11.0	0.0	55.9	2.69	30	AA
298	3751.33	0.11	0.07	5.8				2.88	32	SLTY SH GRY
299	3751.66	2.10	1.49	7.5				2.74	22	SLTY SST WH VFG MICA
300	3752.00	0.27	0.17	6.2	8.1	0.0	76.2	2.81	27	SLTY SH GRY
301	3752.33	0.50	0.33	9.3				2.71	25	SST WH VFG MICA LAM
302	3752.66	0.38	0.24	3.7				2.84	16	SLTY SH GRY
303	3753.00	62.	54.	17.7	15.3	0.0	72.1	2.65	15	SST WH FG IND
304	3753.33	4.80	3.59	16.4				2.65	9	SST WH VFG IND
305	3753.66	39.	33.	16.5				2.65	24	SST WH F-VFG IND
306	3754.00	16.	13.	14.2	15.5	0.0	58.0	2.65	29	AA
307	3754.33	16.	13.	16.2				2.65	22	AA
308	3754.66	0.82	0.55	11.9				2.66	25	AA W/MICA
309	3755.00	6.30	4.78	16.7	16.2	0.0	59.1	2.66	14	SST WH VFG IND
310	3755.33	6.80	5.19	17.8				2.68	7	AA
311	3755.66	331.	319.	19.5				2.65	9	SST WH F-MG
312	3756.00	45.	38.	16.8	16.3	0.0	68.3	2.68	7	SST WH M-CRSG SIL/CARB CMT
313	3756.33	217.	204.	17.0				2.65	8	SST WH MG SIL CMT
314	3756.66	195.	182.	19.0				2.66	13	SST WH F-MG SIL CMT
315	3757.00	55.	48.	14.7	14.7	0.0	50.6	2.64	14	SST WH F-MG SIL CMT
316	3757.33								11	RUBBLE
317	3757.66								4	PRESERVED SAMPLE
318	3758.00			16.8		0.0	86.2		5	

CORE 7 ENDS 3758.0

STATOIL  
 6407/1-3

DATE : JAN 1984  
 FORMATION :  
 DRLG. FLUID:  
 LOCATION : OFFSHORE NORWAY

FILE NO : NOR 830023  
 ANALYSTS : SE  
 ELEVATION:

VERTICAL PERMEABILITIES

SAMPLE NUMBER	DEPTH	VKL		POROSITY		FLUID SATS.		GRAIN DEN	GAMMA DIGIT	DESCRIPTION
		PERM. TO AIR VERTICAL	KL CORR	He	FLD	OIL	WTR			
CORE 1										
1	3619.00	121.	110.	18.0	19.1	5.2	24.6	2.66	15	SST WH FG SIL CMT MICA
2	3619.33	113.	102.	16.3				2.66	9	AA
CORE 1 ENDS 3619.7										
CORE 2										
3	3621.00	69.	60.	15.3	20.0	3.0	28.5	2.67	15	SST GRY FG SIL CMT MICA
4	3621.33	1.90	1.34	16.1				2.66	16	AA
5	3621.66	148.	136.	17.1				2.69	14	AA
6	3622.00	120.	109.	17.0	22.3	9.9	25.6	2.66	14	AA
7	3622.33	216.	203.	17.4				2.69	18	AA
8	3622.66								13	PRESERVED SAMPLE
9	3623.00	352.	340.	19.6	16.7	3.6	29.9	2.66	12	SST GRY FG SIL CMT MICA
10	3623.33	138.	126.	17.8				2.68	9	AA
11	3623.66	315.	302.	19.0				2.64	10	AAA
12	3624.00	196.	183.	18.0	21.4	9.3	22.4	2.66	13	AA
13	3624.33	301.	288.	19.5				2.66	12	AA
14	3624.66	65.	57.	23.3				2.67	13	AA
15	3625.00	95.	85.	17.3	17.4	10.9	26.4	2.66	19	AA
16	3625.33	331.	319.	19.2				2.67	13	SST GRY F-MG SIL CMT MICA
17	3625.66	20.	16.	17.5				2.68	11	SST DK-GRY FG SIL CMT MICA
18	3626.00	43.	37.	19.7	18.7	3.2	29.9	2.67	9	SST GRY FG SIL CMT MICA
19	3626.33	305.	292.	15.2				2.67	17	AA
20	3626.66	425.	416.	18.1				2.66	13	AA

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions



COMPANY STATOIL FIELD \_\_\_\_\_ FILE NOR 830023

WELL 6407/1-3 STATE \_\_\_\_\_ DATE \_\_\_\_\_

LOCATION NORWAY COUNTRY \_\_\_\_\_ ELEV. \_\_\_\_\_

# CORE-GAMMA CORRELATION

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions accepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility or representation as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or land in connection with which such report is used or relied upon.

VERTICAL SCALE: 1 FT. = 200 FT.

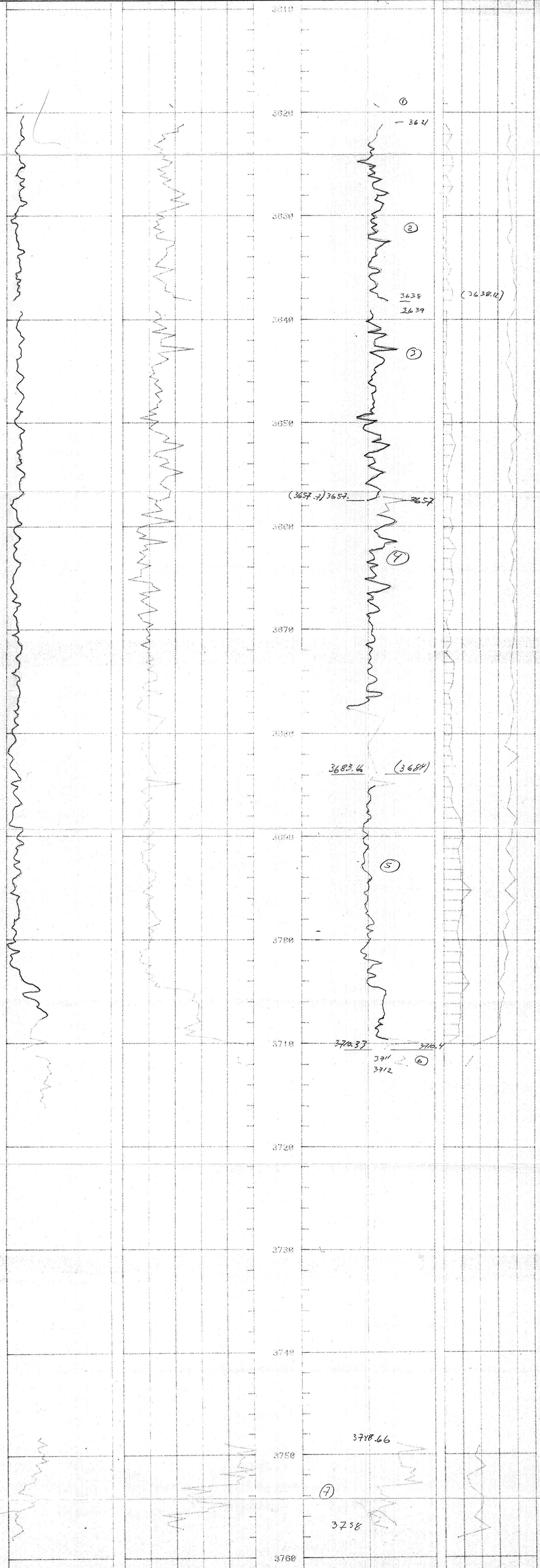
TOTAL WATER  
PERCENT PORE SPACE —  
100 80 60 40 20 0

GAMMA RAY  
RADIATION INCREASE  
→

PERMEABILITY  
MILLIDARCIES —  
10000 1000 100 10 1 0.1 0.01

POROSITY  
PERCENT —  
40 20 0

OIL SATURATION  
PERCENT PORE SPACE —  
0 20 40 60 80 100



X

## PLOTS AND STATISTICS

(a) Core Graph

Gamma radiation, permeability (horizontal, vertical or both), helium or summation of fluids porosity, oil saturation and water saturation are plotted versus depth on a 1:200 scale and other scales if required.

(b) Permeability Versus Porosity Plot

One statistical page accompanies this plot. Averages are for all data points within the depth interval shown, even if some data points are shown off the top or bottom of the graph grid. Both permeability and porosity scales can be optionally chosen. As standard, the permeability versus porosity plot will include all poro-perm pairs of data measured from the core submitted. Optionally, plots for specific depth intervals or for specific permeability or porosity ranges may be requested. A best fit line is included in this plot.

(c) Histograms

Accompanying the histogram page are five pages of statistical data and a permeability versus porosity range plot.

Helium porosity is used as standard.

Note that in the permeability histogram, 10240 millidarcies is the upper limit, and the subsequent permeability averages (page 1) will reflect this (However, there is no upper permeability limit when permeability averages are calculated from the permeability versus porosity plot, q.v.)

"Feet (or metres) analyzed in zone" (page 1) is the total length of the cores.

"Total number of feet (or metres)" (page 2) is the total of the sample intervals for which a permeability/porosity pair of data was measured. Each sample interval is taken to be from one whole foot mark (25 cm. mark for metric clients) to the next, irrespective of the exact point where the plug was drilled within that foot (25 cm.) interval.

Symbol "+" plots the arithmetic average of the porosities in each porosity group (top histogram) versus the geometric average of the corresponding permeabilities of each sample in the porosity group. Symbol "X" plots the geometric average of the permeabilities in each permeability group (bottom histogram) versus the arithmetic average of the corresponding porosities of each sample in the permeability group. Again, permeability and porosity scales are optional.

Finally, Multiple wells may be processed together in the above manner, using any depth intervals required from each well.

1000

100

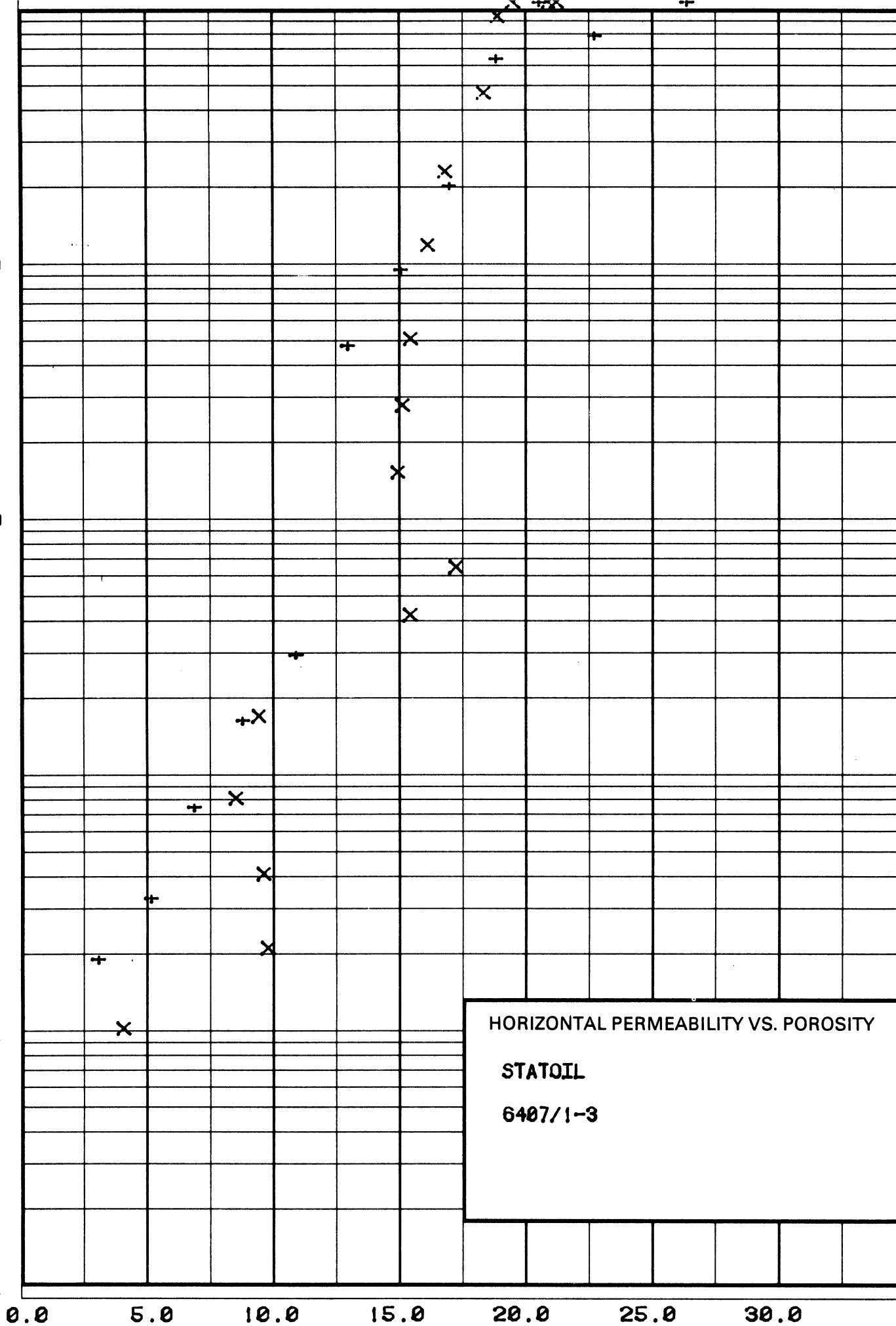
10

1

0.1

0.01

PERMEABILITY: MILLIDARCIES



HORIZONTAL PERMEABILITY VS. POROSITY

STATOIL

6407/1-3

0.0 5.0 10.0 15.0 20.0 25.0 30.0

POROSITY: PERCENT

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: STATOIL  
 FIELD :

WELL : 6407/1-3  
 COUNTY, STATE:

MILLIDARCY-MTRS OF FLOW CAPACITY LOST FOR SELECTED PERMEABILITY CUT OFF

PERMEABILITY CUT OFF	MTRS LOST	CAPACITY LOST (%)	MTRS REMAINING	CAPACITY REMAINING (%)	GEOM MEAN	MEDIAN
0.005	0.0	0.0	90.3	100.0	236.40	429.77
0.010	0.0	0.0	90.3	100.0	236.40	429.77
0.020	0.0	0.0	90.3	100.0	236.40	429.77
0.039	0.0	0.0	90.3	100.0	236.40	429.77
0.078	0.0	0.0	90.3	100.0	236.40	429.77
0.156	0.7	0.0	89.7	100.0	250.23	434.71
0.312	2.0	0.0	88.3	100.0	278.10	444.77
0.625	4.7	0.0	85.7	100.0	340.81	465.91
1.250	5.7	0.0	84.7	100.0	366.18	474.14
2.500	6.3	0.0	84.0	100.0	382.43	479.76
5.	7.0	0.0	83.3	100.0	396.34	485.28
10.	7.7	0.0	82.7	100.0	409.55	490.86
20.	11.3	0.1	79.0	99.9	477.02	523.00
40.	12.7	0.2	77.6	99.8	501.17	535.38
80.	17.3	0.6	73.0	99.4	580.00	580.50
160.	23.0	1.7	67.3	98.3	662.32	640.21
320.	36.7	7.1	53.7	92.9	866.08	801.63
640.	56.7	23.1	33.7	76.9	1242.53	
1280.	77.7	57.0	12.6	43.0	1954.48	
2560.	88.7	90.7	1.7	9.3	3183.94	
5120.	90.0	96.7	0.3	3.3	5982.00	
10240.	90.3	100.0	0.0	0.0		

TOTAL FLOW CAPACITY IN MILLIDARCY-MTRS (ARITHMETIC) = 59943.86

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: STATOIL  
 FIELD :

WELL : 6407/1-3  
 COUNTY, STATE:

POROSITY-MTRS OF STORAGE CAPACITY LOST FOR SELECTED POROSITY CUT OFF

POROSITY CUT OFF	MTRS LOST	CAPACITY LOST (%)	MTRS REMAINING	CAPACITY REMAINING (%)	ARITH MEAN	MEDIAN
0.0	0.0	0.0	90.3	100.0	17.3	18.1
2.0	0.0	0.0	90.3	100.0	17.3	18.1
4.0	0.7	0.1	89.7	99.9	17.4	18.1
6.0	1.3	0.3	89.0	99.7	17.5	18.1
8.0	2.0	0.6	88.3	99.4	17.6	18.1
10.0	3.7	1.6	86.7	98.4	17.8	18.2
12.0	7.3	4.1	83.0	95.9	18.1	18.3
14.0	11.0	7.2	79.3	92.8	18.3	18.5
16.0	22.0	17.8	68.3	82.2	18.8	18.8
18.0	44.0	41.8	46.3	58.2	19.7	
20.0	73.0	76.9	17.3	23.1	20.9	
22.0	89.0	98.0	1.3	2.0	23.7	
24.0	90.0	99.4	0.3	0.6	26.5	
26.0	90.0	99.4	0.3	0.6	26.5	
28.0	90.3	100.0	0.0	0.0		

TOTAL STORAGE CAPACITY IN POROSITY-MTRS = 1564.3

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: STATOIL  
 FIELD :

WELL : 6407/1-3  
 COUNTY, STATE:

GROUPING BY PERMEABILITY RANGES

PERMEABILITY RANGE	MTRS IN RANGE	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	AVERAGE POROSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.078 - 0.156	0.7	0.105	0.105	4.0	0.7	0.7
0.156 - 0.312	1.3	0.214	0.218	9.8	1.5	2.2
0.312 - 0.625	2.7	0.418	0.421	9.6	3.0	5.2
0.625 - 1.250	1.0	0.829	0.838	8.5	1.1	6.3
1.250 - 2.500	0.7	1.7	1.8	9.4	0.8	7.0
2.500 - 5.000	0.7	4.2	4.3	15.5	0.7	7.8
5.- 10.	0.7	6.5	6.5	17.3	0.7	8.5
10.- 20.	3.7	15.	15.	15.0	4.1	12.5
20.- 40.	1.3	28.	29.	15.1	1.5	14.0
40.- 80.	4.7	51.	52.	15.5	5.2	19.2
80.- 160.	5.7	119.	121.	16.2	6.3	25.5
160.- 320.	13.7	231.	235.	16.9	15.1	40.6
320.- 640.	20.0	472.	481.	18.4	22.1	62.7
640.- 1280.	21.0	947.	966.	19.0	23.3	86.0
1280.- 2560.	11.0	1816.	1838.	19.6	12.2	98.2
2560.- 5120.	1.3	2720.	2721.	21.3	1.5	99.6
5120.-10240.	0.3	5982.	5982.	21.0	0.4	100.0

TOTAL NUMBER OF MTRS = 90.3



STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: STATOIL  
 FIELD :

WELL : 6407/1-3  
 COUNTY, STATE:

GROUPING BY POROSITY RANGES

POROSITY RANGE	MTRS IN RANGE	AVERAGE POROSITY	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
2.0 - 4.0	0.7	3.0	0.197	0.242	0.7	0.7
4.0 - 6.0	0.7	5.1	0.337	0.561	0.7	1.5
6.0 - 8.0	0.7	6.9	0.764	1.2	0.7	2.2
8.0 - 10.0	1.7	8.8	1.7	95.	1.8	4.1
10.0 - 12.0	3.7	10.9	3.0	34.	4.1	8.1
12.0 - 14.0	3.7	13.0	48.	257.	4.1	12.2
14.0 - 16.0	11.0	15.1	95.	283.	12.2	24.4
16.0 - 18.0	22.0	17.0	202.	416.	24.4	48.7
18.0 - 20.0	29.0	19.0	643.	768.	32.1	80.8
20.0 - 22.0	16.0	20.6	1169.	1370.	17.7	98.5
22.0 - 24.0	1.0	22.8	791.	1421.	1.1	99.6
26.0 - 28.0	0.3	26.5	2643.	2643.	0.4	100.0

TOTAL NUMBER OF MTRS = 90.3

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: STATOIL  
FIELD :

WELL : 6407/1-3  
COUNTY, STATE:

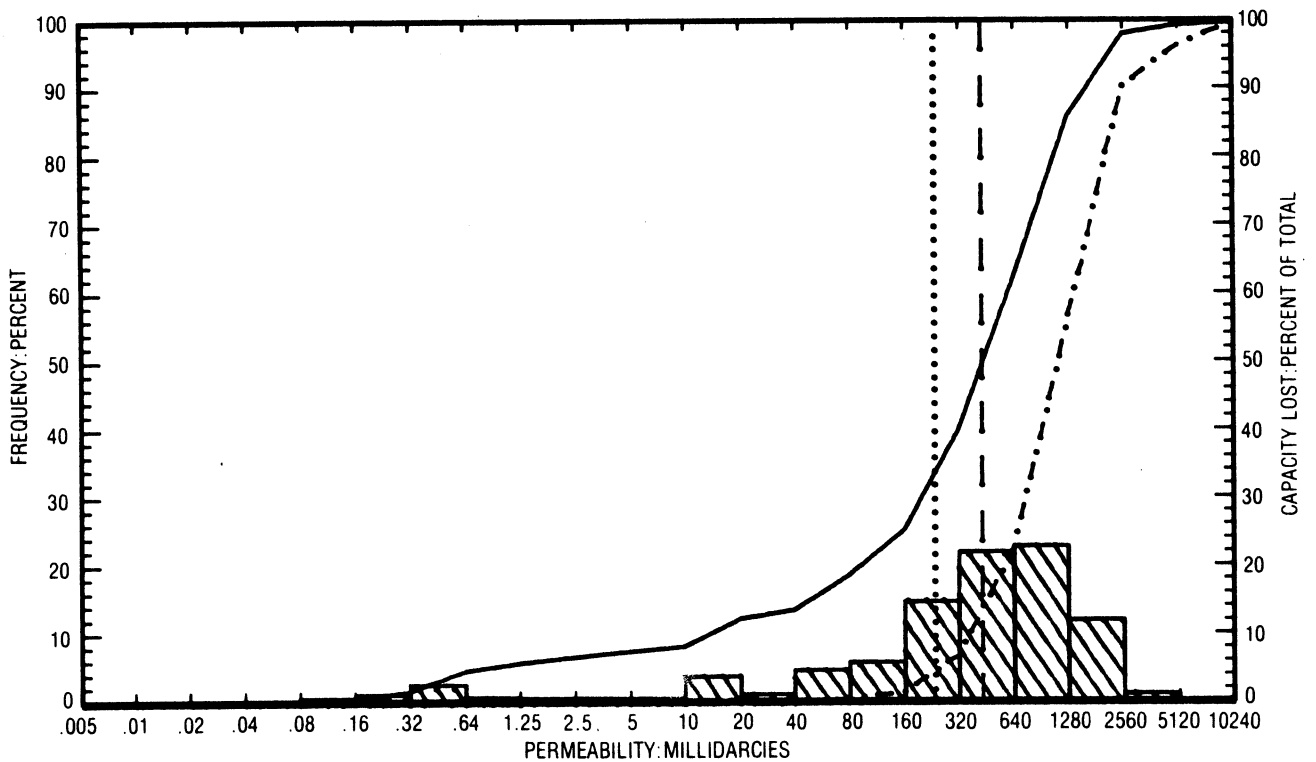
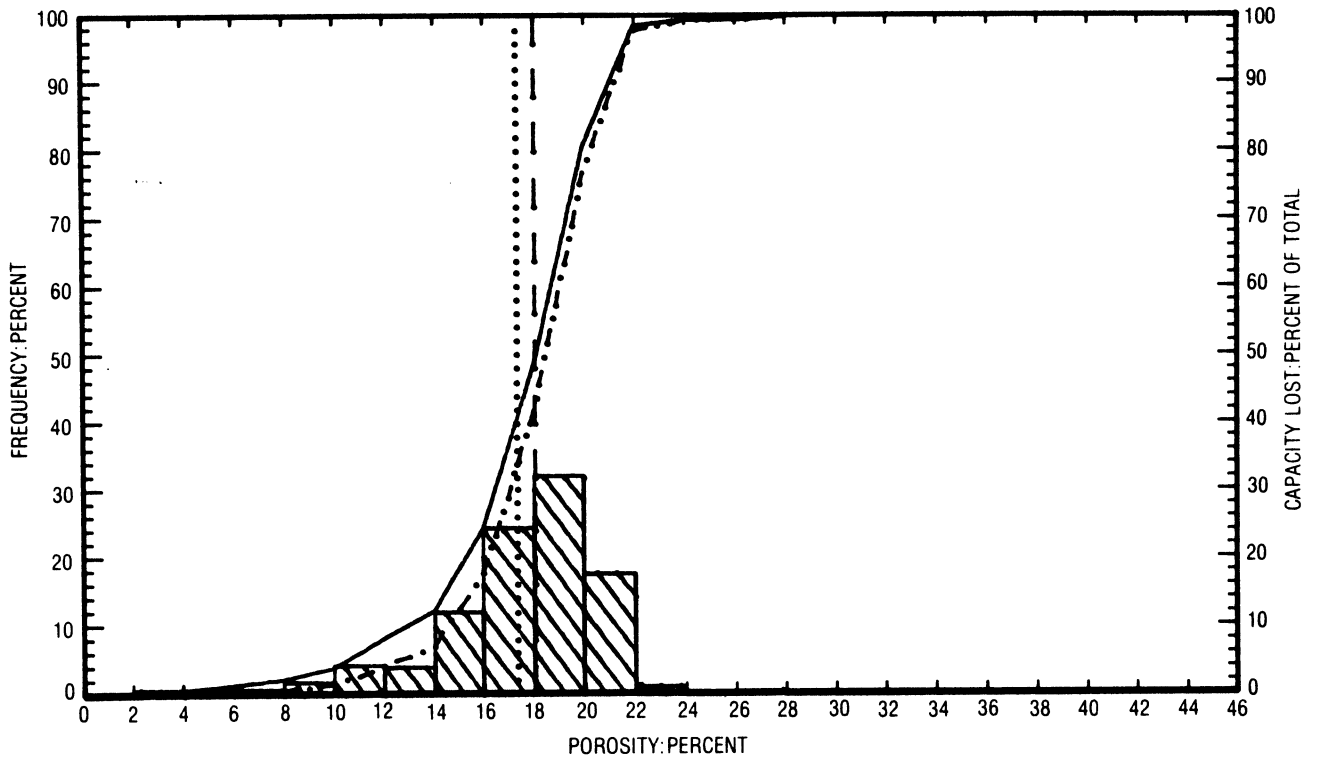
AIR PERMEABILITY : MD. ( HORIZONTAL ) RANGE USED 0.010 TO 10000.  
POROSITY : PERCENT ( HELIUM ) RANGE USED 0.0 TO 46.0

(PERMEABILITY UNCORRECTED FOR SLIPPAGE)

DEPTH LIMITS : 3619.0 - 3758.0 INTERVAL LENGTH : 139.0  
MTRS ANALYZED IN ZONE : 105.6 LITHOLOGY EXCLUDED : NONE

DATA SUMMARY

POROSITY AVERAGE	PERMEABILITY AVERAGES		
	ARITHMETIC	HARMONIC	GEOMETRIC
----- 17.3	----- 664.	----- 4.2	----- 236.



### HORIZONTAL PERMEABILITY AND POROSITY HISTOGRAMS

**STATOIL**  
**6407/1-3**

**LEGEND**

- ARITHMETIC MEAN POROSITY ..... (dotted line)
- GEOMETRIC MEAN PERMEABILITY ..... (dashed line)
- MEDIAN VALUE ..... (dash-dot line)
- CUMULATIVE FREQUENCY ..... (solid line)
- CUMULATIVE CAPACITY LOST ..... (dash-dot-dot line)

PERMEABILITY VS POROSITY

COMPANY: STATOIL  
 FIELD :

WELL : 6407/1-3  
 COUNTY, STATE:

AIR PERMEABILITY : MD - HORIZONTAL ( UNCORRECTED FOR SLIPPAGE )  
 POROSITY : PERCENT ( HELIUM )

DEPTH INTERVAL	RANGE & SYMBOL	PERMEABILITY		POROSITY		POROSITY AVERAGE	PERMEABILITY AVERAGES		
		MINIMUM	MAXIMUM	MIN.	MAX.		ARITHMETIC	HARMONIC	GEOMETRIC
3619.0 - 3758.0	1 (X)	0.100	5982.0	2.3	23.3	17.3	656.	4.2	234.

EQUATION OF REDUCED LINE RELATING PERMEABILITY(K) TO POROSITY :  
 $\text{LOG}(K) = (\text{SLOPE})(\text{POROSITY}) + \text{LOG OF INTERCEPT}$   
 $K = \text{ANTILOG}((\text{SLOPE})(\text{POROSITY}) + \text{LOG OF INTERCEPT})$

RANGE	EQUATION OF THE LINE
1	PERM = ANTILOG(( 0.2852)(POROSITY) + -2.5605)

0000

1000

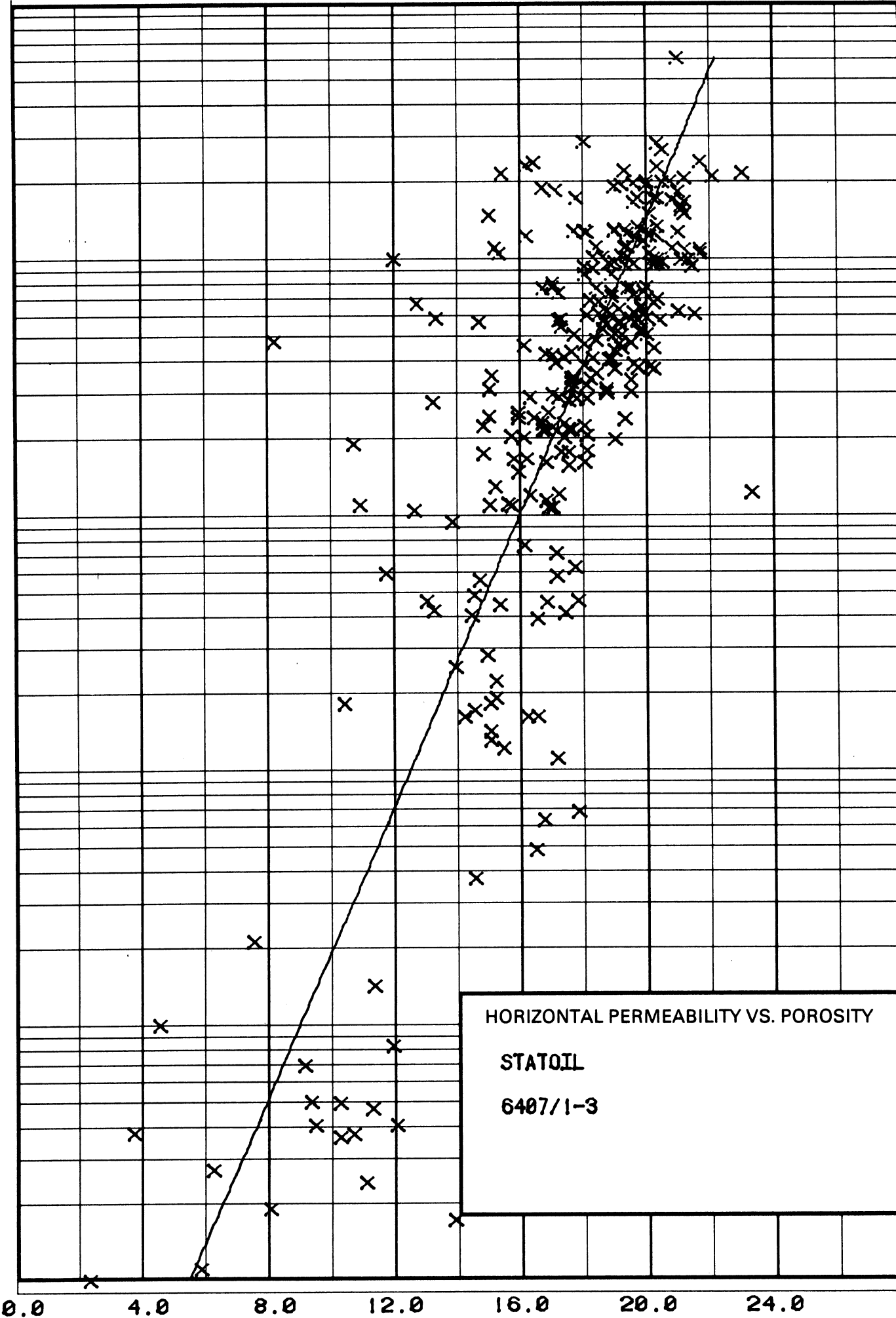
100

10

1.0

0.1

PERMEABILITY: MILLIDARCIES



HORIZONTAL PERMEABILITY VS. POROSITY  
 STATOIL  
 6407/1-3