10 41 *
330468 SHELP N

EWT GECOL N

NORSKE SHELL
ATT.: P.STACHER

OUR REF.: MS/RR/1601 LAB
DATE.: 08.10.1981

HERE ARE THE POROSITY AND PERMEABILITY DATA FROM WELL: 31/2-6
(FROZEN CORES):

CORE NO. 2: 30 POR./GR.DENS.
30 HOR.PERM
3 VERT.PERM.
1 FORMATION FACTOR

DEPTH (M)	HOR.PERM KA	HOR.PERM KL	VERT.PERM KA	VERT.PERM KL	BRINE SAT.POR. O/O	GR.DENS
1522.96	6806	6707			34.8	2.68
1523.37	5610	5530			32.2	2.65
1523.71	5685	5605	7074	6974	31.6	2.66
1523.97	5360	5280			32.1	2.65
1524.34	6856	6756			33.1	2.63
1524.66	8360	8235			35.0	2.65
1524.97	650	620			29.0	2.74
1525.24	3902	3822			33.0	2.65
1525.56	5122	5042			34.9	2.64
1525.84	6686	6586			33.7	2.64
1526.18	11426	11276			33.7	2.63
1526.46	5549	5469			33.9	2.63
1526.76	4808	4728	4866	4786	33.6	2.63
1527.10	7642	7517			34.1	2.63
1527.36	10983	10833			33.9	2.63
1527.68	5827	5727			35.0	2.62
1527.98	6493	6393			34.7	2.62
1528.28	2932	2852			34.1	2.62
1528.55	2707	2627			31.8	2.63
1528.84	3725	3645			34.1	2.64
1529.16	5419	5339			35.9	2.65
1529.46	6243	6143			34.5	2.65
1529.76	1928	1868	4349	4269	34.7	2.65
1530.06	5831	5731			34.4	2.65
1530.36	3144	3064			35.2	2.65
1530.66	2514	2434			33.7	2.64
1530.96	73331/					
1530.96	7331	7231			33.3	2.64
1531.26	5671	5591			34.4	2.64
1532.16	5176	5096			34.4	2.64
1532.40	4088	4008			34.0	2.62

FORMATION RESISTIVITY FACTOR
BRINE RESISITIVITY: 0.108 OHM-M

DEPTH	RESISTIVITY OF SAMPLE	FORMATION FACYOR
1524.34	0.67 OHM-M	6.18

BEST REGARDS
GECO LAB.
M.SKJÆVELAND

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330468 SHELP N
33325 GECOL N

10.21
33046A SHELP N

33325 GECOL N

SHELL
ATT.: P.STACHER

OUR REF.: MS/RR/1603 LAB
DATE.: 14.10.1981

HERE ARE THE POROSITY AND PERMEABILITY RESULTS FROM WELL:
31/2-6 FROZEN CORES.

CORE NO. 2 — 3 POR/GR.DENS
3 HOR.PERM
ALL DATA FROM CORE NO. 2 RECEIVED.

CORE NO. 3: — 61 POR./ GR.DENS., ALL
61 HOR.PERM., ALL
6 VERT.PERM., ALL
2 FORMATION FACTOR , ALL

DEPTH (M)	HOR.PERM KA	HOR.PERM KL	BRINE POR. O/O	GR.DENS. GM/CC
1521.70	0.13	0.08	1.3	2.68
1521.96	0.10	0.06	0.9	2.67
1522.36	0.39	0.25	3.0	2.76

CORE NO. 3:

DEPTH (M)	HOR.PERM KA	HOR.PERM KL	BRINE POR. O/O	GR.DENS GM/CC		
1532.79	6217	6117	34.4	2.62		
1533.00	1165	1115	34.2	2.64		
1533.25	982	942	35.0	2.63	542	512 VERT.PER
1533.53	399	369	30.0	2.64		
1533.95	1190	1140	34.2	2.62		
1534.19	1138	1088	35.1	2.63		

1534.43	557	527	34.2	2.64			
1534.67	311	281	33.3	2.64			
1535.02	255	235	33.2	2.64			
1535.33	466	436	34.6	2.64			
1535.58	561	531	35.3	2.64			
1535.97	265	245	32.5	2.65			
1536.27	106	94	30.7	2.64	175	155	VERT.PERM
1536.50	385	355	33.9	2.66			
1536.82	498	468	35.0	2.65			
1537.00	463	433	34.2	2.66			
1537.32	381	351	33.8	2.66			
1537.69	315	285	33.6	2.65			
1537.92	226	206	33.0	2.64			
1538.20	32	27	28.0	2.65			
1538.64	190	170	32.3	2.64			
1538.88	83	73	29.8	2.65			
1539.15	16	13	27.2	2.65	9.1	7.0	VERT.PERM
1539.45	348	318	35.8	2.65			
1539.75	45	38	29.1	2.66			
1540.05	13	10	26.1	2.65			
1540.51	89	78	30.6	2.66			
1540.75	16	13	27.2	2.65			
1540.94	39	33	27.9	2.65			
1541.40	11.5	9.0	25.4	2.66			
1541.65	30	25	28.2	2.66			
1541.88	8.2	6.3	26.0	2.66			
1542.30	42	35	26.5	2.68	17	14	VERT.PERM
1542.52	16	13	23.7	2.72			
1542.80	24845	24545	32.5	2.70			
1543.13	17893	17643	29.5	2.70			
1543.38	17930	17680	34.5	2.65			
1543.60	22446	22146	32.7	2.66			
1544.09	26190	25840	31.6	2.67			
1544.34	20300	20000	32.3	2.66			
1544.55	7244	7144	30.7	2.68			
1544.80	10838	10688	33.9	2.68			
1545.13	11644	11494	33.8	2.65	6333	6233	VERT.PERM
1545.43	21277	20977	34.0	2.65			
1545.83	5076	4996	33.5	2.64			
1546.17	2164	2104	33.4	2.65			
1546.40	1156	1106	33.1	2.63			
1546.70	1589	1539	33.7	2.65			
1547.00	3607	3527	34.9	2.66			
1547.33	31723	31323	33.6	2.62			
1547.60	25158	24808	30.1	2.65			
1547.90	13487	13287	30.1	2.65			
1548.20	4110	4030	31.2	2.71	4901	4821	VERT.PERM
1548.50	14029	13829	31.7	2.65			
1548.80	17736	17486	32.6	2.65			
1549.20	17755	17505	33.3	2.64			
1549.55	23517	23217	34.6	2.62			
1549.82	35162	34762	34.1	2.63			
1550.10	5550	5470	32.3	2.69			
1550.35	19089	18839	34.3	2.63			
1550.65	29787	29437	34.7	2.62			

FORMATION RESISITIVITY FACTOR

BRINE RESISITIVITY: 0.108 OHM-M

DEPTH	RESISTANCE OF SAMPLE	FORMATION FACTOR
1534.67	0.72	6.71
1544.55	0.71	6.60

BEST REGARDS
GECO LABORATORY
M.SKJÆVELAND

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SHELP N
GECOL N

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ACTION BY: EPX
INFO. COPY:

13.44 ✝
33046B SHELP N
33325-GECOL N

A/S NORSKE SHELL
ATT: P. STACHER

DATE: 21.10.81.
OUR REF: 1610 MS/ML

21 OKT. 1981

PL054 - 331.09

EPXV/1

EPX

POROSITY AND PERMEABILITY DATA FROM WELL 31/2-6, FROZEN CORE:

CORE NO. 4: 14 POR/GR.DENS, ALL
14 HOR.PERM, ALL
2 VERT.PERM, ALL
1 FORMATION FACTOR, ALL

CORE NO. 5: 23 OF 57 POR/GR.DENS
23 OF 57 HOR.PERM
2 OF 16 VERT.PERM
1 FORMATION FACTOR

CORE NO. 4.

DEPTH (M)	HOR.PERM. KA	KL	VERT.PERM. KA	KL	BRINE POR. O/O	GRAIN DENS GM/CC
1551.02	16956	16706			33.4	2.68
51.46	11220	11070	7407	7307	32.3	2.67
51.77	12463	12313			34.4	2.67
52.23	12252	12102			34.3	2.65
52.58	8433	8308			34.5	2.66
52.88	9290	9165			34.2	2.66
53.16	7888	7763			34.9	2.65
53.46	9930	9805			32.1	2.68
53.83	11306	11156			31.1	2.67
54.19	4944	4864			31.6	2.67
54.49	9014	8889			32.6	2.66
54.87	4325	4245	2550	2470	30.7	2.65
55.20	3631	3551			32.0	2.66
1555.56	2.3	1.6			13.0	2.68

[redacted]

CORE NO. 5.

1558.24	1033	983			32.9	2.63
58.54	337	307			25.2	2.64
58.98	18170	17920			32.2	2.65
59.33	38382	37932			31.0	2.64
59.65	33124	32724			32.8	2.63
59.95	42915	42415			34.2	2.65
60.25	36649	36199			33.8	2.64
60.55	29946	29596	31855	31455	33.2	2.64
60.83	7130	7030			30.1	2.66
61.14	30285	29885			34.0	2.63
61.46	29161	28811			30.7	2.65
61.74	49653	49153			32.3	2.63
62.08	39592	39142			32.4	2.64
62.63	32414	32014			33.9	2.63
62.96	7681	7556			33.3	2.65
63.24	10329	10179			35.0	2.65
63.53	11912	11762			33.6	2.63
63.81	6504	6404	5078	4998	33.1	2.67
64.14	1208	1158			30.6	2.67
64.43	10522	10372			33.0	2.65
64.74	9134	9009			33.2	2.65
65.05	4726	4646			33.7	2.65
65.33	4784	4704			34.7	2.64

EPX V/1

EPX

FORMATION RESISTIVITY FACTOR
BRINE RESTISTIVITY = 0.108

OHM

CORE NO. 4.

DEPTH	RESISTANCE OF SAMPLE	FORMATION FACTOR
1554.87	0.784	7.26

CORE NO. 5.

1564.74	0.607	5.62

21 OKT. 1981

EPX

REGARDS
GECO LAB
M. SKJÆVELAND

33046B SHELP N

11.40 *
330468 SHELP N

A/S NORSKE SHELL
ATT.: P. STACHER

DATE 29.10.81
OUR REF.: MS/SR/ 1616

POROSITY AND PERMEABILITY DATA FROM WELL 31/2-6 (FROZEN CORES)

REST OG CORE NO 5: (TOP OF CORE REPORTED PER 21.10.81)
34 POROSITY/GR.DENSITY
34 HOR.PERM.
12 VERT. PERM.
1 FORMATION FACTOR

DEPTH (M)	HOR.PERM. KA	HOR.PERM. KL	VERT.PERM. KA	VERT.PERM. KL	BRINE POR. O/O	GRAIN DENS GM/CC
1565.62	7765	7640			33.6	2.65
1565.90	5925	5825			32.3	2.64
1566.22	6381	6281			33.6	2.65
1566.49	9469	9344			32.7	2.65
1566.79	7075	6975	6990	6890	33.5	2.66
1567.14	8061	7836			33.7	2.65
1567.42	10988	10838			32.6	2.64
1567.74	9862	9737			33.9	2.64
1568.04	1168	1118			27.3	2.66
1568.32	7556	7431			33.1	2.65
1568.65	18470	18220			34.8	2.63
1568.90	8236	8111			34.0	2.65
1569.16	18489	18239			34.0	2.64
1569.55	13611	13411			33.8	2.65
1569.87	14209	14009	13994	13794	34.3	2.64
1570.18	10623	10473			31.8	2.64
1570.49	11113	10963			33.8	2.63
1570.65	10524	10374			35.0	2.63
1571.10	10342	10192			35.2	2.63
1571.41	8212	8087			33.4	2.65
1571.66	5123	5043			33.3	2.64
1571.98	8359	8234			34.9	2.63
1572.34	11833	11683	12631	12481	35.4	2.64
1572.61	14916	14716	14692	14492	35.0	2.63
1572.91	20026	19726	11992	11842	33.6	2.61
1573.21	15469	15269	4194	4114	35.3	2.63
1573.46	11183	11033	7715	7590	34.6	2.63
1573.74	4269	4189	6115	6015	34.0	2.66
1574.04	4949	4869	N.V.P.P.		33.7	2.63
1574.34	7600	7475	8157	8032	34.5	2.64
1574.64	12118	11968	N.V.P.P.		33.2	2.64
1574.94	4173	4093	4847	4767	34.7	2.63
1575.23	5289	5209	1233	1183	34.7	2.62
1575.53	7197	7097	3901	3821	33.5	2.63

REGARDS
GECO LAB
M. SKJÆVELAND

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330468 SHELP N
33325 GECOL N

330468 SHELP N

33325 GECOL N

A/S NORSKE SHELL

ATT. P. STACHER

OUR REF. MS/SR/ 1636 LAB
DATE: 12.11.81

HERE ARE THE POROSITY AND PERMEABILITY DATA FROM WELL 31/2-6, (FROZEN CORE):

CORRECTION ON EARLIER REPORTED FROM CORE NO. 5:

DEPTH	BRINE POR.	GR. DENS
1574.94	34.9	2.65
1575.23	35.1	2.66
1575.53	34.0	2.66

CORE NO. 6:

17 POR. /GR.DENS. , ALL
16 HOR. PERM. , ALL
17 VERT.PERM. , ALL

DEPTH (M)	HOR.PERM KA	HOR.PERM KL	VERT. PERM KA	VERT. PERM KL	BRINE POR. O/O	GR.DENS
1576.10	3065	2985	2052	1992	32.1	2.65
1576.39	N.P.P.		324	294	30.1	2.66
1576.69	4611	4531	3360	3280	34.6	2.64
1576.99	3517	3437	2346	2266	33.3	2.66
1577.29	4272	4192	218	198	31.5	2.64
1577.59	3065	2985	2352	2272	30.1	2.65
1579.01	1847	1767	2918	2838	31.6	2.67
1579.48	3668	3588	2274	2214	33.1	2.66
1579.76	2726	2646	1097	1047	31.5	2.64
1580.04	4027	3947	2142	2082	31.7	2.66
1580.34	4737	4657	3026	2946	33.9	2.66
1580.64	3874	3794	2977	2897	32.3	2.66
1580.94	3446	3368	2981	2901	32.6	2.66
1581.29	4563	4483	3499	3419	31.5	2.64
1581.54	4891	4811	2340	2260	32.0	2.64
1581.84	2981	2901	1093	1043	33.2	2.65
1582.14	4471	4391	1927	1867	32.1	2.65

RE.BRAIN POR. 1576.39 - THE VALUES ARE FROM VERTICAL PLUG AND SO IS GRAIN DENS.

BEST REGARDS
GECO LAB
M. SKJÆVELAND

EPX

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330468 SHELP N

33325 GECOL N

13.12 +
330468 SHELP N
33325 GECOL N
A/S NORSKE SHELL ATT: P. STACHER

UNDERARKIVET
Nr.: 10
PR

DATE: 18.11.81.
OUR REF. 1643 LAB/MS/ML

POROSITY AND PERMEABILITY DATA FROM WELL 31/2-6 (FROZEN CORE):

CORE NO. 7. 30 OF 44 POR/GR.DENS
30 OF 44 HOR.PERM.
3 OF 5 VERT.PERM
2 OF 2 FORMATION FACTOR

DEPTH (M)	HOR.PERM KA	HOR.PERM KL	VERT.PERM KA	VERT.PERM KL	BRINE SAT. O/O	GRAIN DENS. GM/CC
1584.45	268	248			33.2	2.69
84.82	2681	2801			32.2	2.65
85.13	480	450			31.9	2.65
86.17	10162	10012	6362	6282	35.6	2.65
86.74	102	90			27.0	2.58
87.07	2677	2597			34.8	2.65
87.33	7717	7592			37.3	2.65
87.60	10308	10158			36.7	2.64
87.93	11203	11053			36.0	2.65
88.24	3425	3345			33.4	2.68
88.57	1781	1721			31.9	2.64
88.83	2576	2496			35.0	2.65
89.11	76	66			27.9	2.59
89.41	173	156	18	15	28.3	2.56
89.72	273	253			31.2	2.66
90.01	40	34			26.4	2.64
90.29	9400	9374			29.5	2.66
90.59	1409	1359			34.0	2.65
91.05	467	437			30.6	2.64
92.02	84	74			25.6	2.65
92.64	28	23			28.9	2.68
92.94	45	38			27.8	2.68
93.26	7.9	6.1			23.7	2.67
93.54	2.1	1.5	0.78	0.52	20.8	2.64
93.77	3.2	2.3			20.6	2.68
94.00	1.9	1.3			19.9	2.68
94.37	4.1	3.0			23.4	2.69
94.67	4.0	2.9			21.8	2.70
95.45	6057	5957			33.7	2.65
95.75	5730	5650			35.5	2.64

FORMATION RESISTIVITY FACTOR

BRINE RESISTIVITY 0.1087

DEPTH	SAMPLE RESISTIVITY	FORMATION FACTOR
1584.45	0.712	6.55
1594.67	1.999	18.4

REGARDS
GECO LAB
M. SKJÆVELAND

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330468 SHELP N
33325 GECOL N

RECEIVED 18 NOV. 81
ON S.: EPX

COPY:

10.47
33046A SHELP N

33025 GECOL N

30 NOV. 1981
EPX FILE NO:
ACTION BY:
WORK COPY TO:
CIRC. COPY TO:

NORSKE SHELL A/S

ATT.: P. STACHER

DATE: 27/11/81
OUR REF: MS/SR/1452

POROSITY AND PERMEABILITY DATA FROM WELL 31/2-6 (FROZEN CORE):

CORE NO. 7: 14 POR./GR.DENS.
14 HOR.PERMEABILITY
2 VERT. PERMEABILITY

CORE NO. 3: 41 OF 53 POR./GR.DENS.
41 OF 53 HOR.PERM.
4 OF 5 VERT.PERM.
2 FORMATION FACTOR

CORE NO. 7:

DEPTH (M)	HOR.PERM KA	HOR.PERM KL	VERT.PERM KA	VERT.PERM KL	BRINE SAT. O/O	GRAIN DENS. GM/CC
1596.00	6573	6473			35.5	2.66
1596.30	2415	2335			35.5	85
1596.60	4300	4720			34.0	2.66
1596.90	3580	3500	4551	4471	34.3	2.66
1597.27	3027	2947			31.9	2.70
1597.57	1371	1321			33.1	2.67
1597.87	3779	3699			35.5	2.66
1598.17	1401	1351			34.7	2.65
1598.47	2563	2483			34.1	2.66
1598.77	3328	3248			34.7	2.65
1599.07	3794	3714			30.5	256
1600.17	2990	2910			35.0	86
1600.47	4193	4113			36.2	2.65
1602.10	4.3	3.2	1.3	1.3	23.3	2.66

CORE NO. 3:

1602.30	1.6	1.1			21.0	2.67
1603.10	2.9	2.1			23.0	2.68
1603.40	3.7	2.7			22.9	2.67
1603.70	2.1	1.5			20.8	2.67
1604.05	2.7	1.9			20.8	2.66
1604.30	4.6	3.4			23.0	2.67
1604.60	10.4	8.1			25.2	2.68
1604.97	33	23			27.5	2.61
1605.20	54	46			29.2	2.67
1605.50	33	28	37	31	29.3	2.68
1605.70	43	41			27.4	2.67
1606.07	260	240			21.3	2.67
1606.36	651	621			13.1	2.69
1606.66	.04	.02			2.8	2.73
1606.99	2.0	2.1			14.1	2.67
1607.28	1.3	0.91			12.4	2.68
1607.63	0.16	0.10			9.5	2.73
1607.90	0.25	0.16			9.0	2.69
1608.18	1054	1004			32.3	2.67
1608.46	4136	4106	1741	1681	23.4	2.66
1608.90	2569	2439			33.5	2.66
1609.20	1604	1554			35.2	2.66
1609.50	575	545			33.5	2.67
1609.80	5.6	4.2			22.3	2.76
1610.10	1.7	1.2			20.10	2.71
1610.36	104	93			26.9	2.67
1610.70	122	109			26.2	2.67
1611.00	9726	9601			31.6	2.65
1611.30	5533	5453			32.5	2.65
1611.59	11703	11553	2837	2757	30.2	2.64
1611.90	4053	3973			31.5	2.65
1612.17	3821	3741			31.4	2.65
1612.50	3174	3094			32.7	2.65
1612.80	3168	3088			32.8	2.65
1613.05	2829	2749			33.1	2.66
1613.30	4455	4375			32.7	2.65
1613.60	1214	1164			29.5	2.66
1613.86	2815	2735			30.2	2.64
1614.16	2168	2108			30.9	2.65
1614.60	1505	1455	931	941	30.5	2.64
1614.90	1265	1215			31.9	2.64

FORMATION RESISTIVITY FACTOR
WELL 31/2-6 CORE 8

BRINE RESISTIVITY = 0.109

DEPTH	SAMPLE RESISTIVITY	FORMATION FACTOR
1604.60	1.461	13.4
1614.16	0.719	6.60

BEST REGARDS
GECO LAB
M.SKJEVELAND

33046A SHELP N

33325 GECOL N

EPX

10.57 3
33046A SHELP N

33325 GECOL N

NORSKE SHELL

ATTN: P. STACHER

DATE: 4/12/31
OUR REF: MS/SR/1462

HERE ARE THE POROSITY AND PERMEABILITY DATA FROM FROZEN CORES, WELL 31/2-6:

CORE NO. 8 : 12 POR./GR.DENS.
12 HOR. PERM.
1 VERT.PERM.

CORE NO. 9 : 44 OF 45 POR./GR.DENS, ALL
44 OF 45 HOR.PERM., ALL
4 OF 4 VERT. PERM., ALL
2 OF 2 FORMATION FACTOR, ALL

CORE NO. 3

DEPTH (M)	HOR.PERM KA	HOR.PERM KL	VERT.PERM. KA	VERT.PERM. KL	BRINE SAT. O/O	GRAIN DENS. GM/CC
1615.20	4205	4125			34.0	2.64
1615.50	5139	5059			33.0	2.64
1615.80	2924	2844			32.5	2.64
1616.08	919	879			32.2	2.64
1616.37	2587	2507			31.3	2.64
1616.63	5062	4982			32.0	2.64
1616.96	5650	5570			34.3	2.65
1617.23	2767	2687			32.7	2.65
1617.53	5296	5216	834	394	31.8	2.64
1617.76	3502	3422			32.5	2.64
1618.07	9387	9262			34.5	2.65
1618.39	5286	5206			32.5	2.65

1618.81	N.M.P.				N.M.P.	N.M.P.
1619.07	529	499			31.9	2.67
1619.35	1248	1198			31.7	2.65
1619.78	2089	2029			34.7	2.65
1620.15	2032	1972			33.8	2.65
1620.40	865	825			31.5	2.65
1620.67	593	563	1177	1127	32.0	2.66
1621.00	637	607			32.7	2.67
1621.29	1291	1241			32.3	2.66
1621.60	9991	9866			36.5	2.64
1621.95	86	75			28.5	2.63
1622.35	118	105			28.8	2.69
1622.60	50	43			27.0	2.70
1622.87	31	26			23.7	2.71
1623.12	41	35			25.7	2.69
1623.45	52	44			27.7	2.70
1623.75	80	70	22	18	27.8	2.70
1624.05	101	89			32.2	2.68
1624.37	37	31			27.3	2.70
1624.66	154	139			27.7	2.68
1624.98	33	28			25.4	2.69
1625.30	24	20			24.5	2.68
1625.60	60	52			26.2	2.67
1625.89	79	69			26.6 EIPX	2.70
1626.19	43	36			25.7	2.71
1626.49	23	19			24.9	2.69
1626.79	7.1	5.4	5.4	4.0	24.8	2.64
1627.07	37	31			25.5	2.69
1627.49	16	13			23.7	2.72
1627.79	26	21			25.0	2.72
1628.10	45	38			25.7	2.75
1628.39	24	20			25.2	2.71
1628.69	38	32			28.7	2.73
1629.00	44	37			28.6	2.74
1629.30	56	48			23.8	2.70
1629.60	134	120			30.9	2.67
1629.90	188	168	180	160	30.3	2.67
1630.20	164	148			30.7	2.66
1630.50	345	315			33.4	2.65
1630.79	507	477			34.6	2.65
1631.09	228	208			32.6	2.66
1631.39	1645	1595			35.0	2.65
1631.60	188	168			30.0	2.67
1631.90	180	160			30.3	2.67
1632-20	2022	1962			32.1	2.68

FORMATION RESISTIVITY FACTOR
WELL 31/2-6 CORE 9:

BRINE RESISTIVITY 0.109

DEPTH	SAMPLE RESISTIVITY	FROMATION FACTOR
1624.37	1.22	11.3
1632.20	0.826	7.60

DEAR PETER,

I MENTIONED FOR YOU WE HAVE ONLY TAKEN VERTICAL PLUGS EVERY 10. PLUGS, (EXCEPT IN THE OIL ZONE). REFER TO YOUR TELEX ORDERING THIS JOB, YOU WANT VERTICAL PLUGS EVERY 5.PLUGS. IS IT NECESSARY TO CUT PLUGS EVERY 5? COULD YOU PLEASE CHECK THIS AND LET ME KNOW AS SOON AS POSSIBLE.

BEST REGARDS
GECO LAB
M. SKJÆVELAND

1 ***SFINX**********

S F I N X

S T A T O I L . F I E L D . I N F O R M A T I O N . S Y S T E M

LIST-PLUG-DATA

REPORT GENERATED 97-11-10 AT 11.07 BY LINDA MÆLAND

1

STATOIL SFINX	PLUG VALUES	97-11-10 11.07

FIELD : TROLL WELL NAME : 31/2-6

DEPTH INTERVAL : 0.000 - 1680.000 (MD/RKB)M

		KAH	KLH	KAV	KLV	POR	GRDENS
PLUG NR	TOP DEPTH	OFFICIAL SYSTEM MD	OFFICIAL SYSTEM MD	OFFICIAL SYSTEM MD	OFFICIAL SYSTEM MD	OFFICIAL SYSTEM FRACTION	OFFICIAL SYSTEM G/CC
1	1504.500	971.000	931.000	843.000	803.000	0.358	2.640
2	1504.860	480.000	450.000	*	*	0.331	2.620
3	1505.320	83.000	73.000	*	*	0.280	2.620
4	1505.650	625.000	595.000	*	*	0.328	2.630
5	1505.950	1577.000	1527.000	*	*	0.314	2.620
6	1506.280	19905.000	19655.000	*	*	0.343	2.620
6.11	1506.460	*	*	*	*	0.330	2.630
7	1506.510	24756.000	24456.000	*	*	0.314	2.630
8	1506.850	6682.000	6582.000	*	*	0.352	2.620
9	1507.320	111.000	98.000	*	*	0.278	2.630
10	1507.620	101.000	89.000	105.000	93.000	0.306	2.620
11	1507.900	24.000	20.000	*	*	0.237	2.600
12	1508.300	744.000	704.000	*	*	0.357	2.620
13	1508.600	288.000	268.000	*	*	0.312	2.640
14	1508.900	212.000	192.000	*	*	0.316	2.610
15	1509.240	11679.000	11529.000	*	*	0.340	2.620
16	1509.530	743.000	703.000	*	*	0.279	2.600
17	1509.800	8155.000	8030.000	*	*	0.310	2.650
18	1510.100	17422.000	17172.000	*	*	0.324	2.640
19	1510.400	567.000	537.000	*	*	0.172	2.650
20	1510.720	300.000	270.000	244.000	224.000	0.341	2.630
21	1511.000	320.000	290.000	*	*	0.342	2.660
22	1511.350	339.000	309.000	*	*	0.345	2.650
23	1511.600	102.000	90.000	*	*	0.301	2.650
24	1511.910	74.000	64.000	*	*	0.306	2.660

25	1512.210	82.000	72.000	*	*	0.292	2.660
26	1512.500	86.000	75.000	*	*	0.295	2.650
27	1512.800	102.000	90.000	*	*	0.300	2.640
28	1513.170	140.000	125.000	*	*	0.305	2.590
29	1513.400	114.000	101.000	*	*	0.290	2.580
30	1513.800	60.000	52.000	15.000	12.000	0.279	2.600
31	1514.000	47.000	40.000	*	*	0.266	2.620
32	1514.300	21.000	17.000	*	*	0.262	2.630
33	1514.660	62.000	53.000	*	*	0.279	2.620
34	1514.980	108.000	96.000	*	*	0.295	2.630
35	1515.310	94.000	83.000	*	*	0.302	2.610
36	1515.560	36690.000	36290.000	*	*	0.344	2.650
37	1515.900	13904.000	13704.000	*	*	0.265	2.680
37.11	1516.050	*	*	*	*	0.296	2.680
38	1516.220	9459.000	9334.000	*	*	0.287	2.640
39	1516.650	21330.000	21030.000	*	*	0.308	2.630
40	1516.910	8183.000	8058.000	18782.000	18532.000	0.308	2.650
41	1517.250	26094.000	25744.000	*	*	0.353	2.640
42	1517.630	16934.000	16684.000	*	*	0.315	2.680
43	1517.900	15414.000	15214.000	*	*	0.338	2.640
44	1518.360	23513.000	23213.000	*	*	0.325	2.650
45	1518.670	17885.000	17635.000	*	*	0.328	2.640
46	1518.970	18158.000	17908.000	*	*	0.327	2.630
47	1519.540	17129.000	16879.000	*	*	0.338	2.640
48	1519.720	5740.000	5660.000	*	*	0.289	2.640
49	1520.040	11289.000	11139.000	*	*	0.317	2.620
50	1520.490	4807.000	4727.000	7535.000	7410.000	0.333	2.610
51	1520.840	7864.000	7739.000	*	*	0.347	2.630
52	1521.180	7545.000	7420.000	*	*	0.344	2.610
53	1521.430	9929.000	9804.000	*	*	0.336	2.620
54	1521.700	0.130	0.080	*	*	0.013	2.680
55	1521.960	0.100	0.060	*	*	0.009	2.670
56	1522.360	0.390	0.250	*	*	0.030	2.760
57	1522.660	2008.000	1948.000	*	*	0.293	2.640
58	1522.960	6806.000	6706.000	*	*	0.348	2.680
59	1523.370	5610.000	5530.000	*	*	0.322	2.650
60	1523.710	5685.000	5605.000	7074.000	6974.000	0.316	2.660
61	1523.970	5360.000	5280.000	*	*	0.321	2.650
62	1524.340	6856.000	6756.000	*	*	0.331	2.630
63	1524.660	8360.000	8235.000	*	*	0.350	2.650
64	1524.970	650.000	620.000	*	*	0.290	2.740
65	1525.240	3902.000	3822.000	*	*	0.330	2.650
66	1525.560	5122.000	5042.000	*	*	0.349	2.640
67	1525.840	6686.000	6586.000	*	*	0.337	2.640
68	1526.180	11426.000	11276.000	*	*	0.337	2.630
69	1526.460	5549.000	5469.000	*	*	0.339	2.630
70	1526.760	4808.000	4728.000	4866.000	4786.000	0.336	2.630
1R.SHELL	1526.800	*	*	*	*	0.290	2.650
G1.SHELL	1526.800	*	*	*	*	0.335	2.680
71	1527.100	7642.000	7517.000	*	*	0.341	2.630
71.11	1527.150	*	*	*	*	0.327	2.630
72	1527.360	10983.000	10833.000	*	*	0.339	2.630
73	1527.680	5827.000	5727.000	*	*	0.350	2.620
74	1527.980	6493.000	6393.000	*	*	0.347	2.620
75	1528.280	2932.000	2852.000	*	*	0.341	2.620
76	1528.550	2707.000	2627.000	*	*	0.318	2.630
77	1528.840	3725.000	3645.000	*	*	0.341	2.640
78	1529.160	5419.000	5339.000	*	*	0.359	2.650

79	1529.460	6243.000	6143.000	*	*	0.345	2.650
80	1529.760	1928.000	1868.000	4349.000	4269.000	0.347	2.650
81	1530.060	5831.000	5731.000	*	*	0.344	2.650
82	1530.360	3144.000	3064.000	*	*	0.352	2.650
83	1530.660	2514.000	2434.000	*	*	0.337	2.640
83.11	1530.720	*	*	*	*	0.347	2.640
84	1530.960	7331.000	7231.000	*	*	0.333	2.640
85	1531.260	5671.000	5591.000	*	*	0.344	2.640
86	1532.160	5176.000	5096.000	*	*	0.344	2.640
87	1532.400	4088.000	4008.000	*	*	0.340	2.620
88	1532.790	6217.000	6117.000	*	*	0.344	2.620
89	1533.000	1165.000	1115.000	*	*	0.342	2.640
90	1533.250	982.000	942.000	542.000	512.000	0.350	2.630
91	1533.530	399.000	369.000	*	*	0.300	2.640
92	1533.850	1190.000	1140.000	*	*	0.342	2.620
93	1534.190	1138.000	1088.000	*	*	0.351	2.630
94	1534.430	557.000	527.000	*	*	0.342	2.640
95	1534.670	311.000	281.000	*	*	0.333	2.640
96	1535.020	255.000	235.000	*	*	0.332	2.640
97	1535.330	466.000	436.000	*	*	0.346	2.640
98	1535.580	561.000	531.000	*	*	0.353	2.640
99	1535.970	265.000	245.000	*	*	0.325	2.650
100	1536.270	106.000	94.000	175.000	155.000	0.307	2.640
101	1536.500	385.000	355.000	*	*	0.339	2.660
102	1536.820	498.000	468.000	*	*	0.350	2.650
103	1537.000	463.000	433.000	*	*	0.342	2.660
104	1537.320	381.000	351.000	*	*	0.338	2.660
105	1537.690	315.000	285.000	*	*	0.336	2.650
106	1537.920	226.000	206.000	*	*	0.330	2.640
2R.SHELL	1538.000	*	*	*	*	0.270	2.670
G2.SHELL	1538.000	*	*	*	*	0.293	2.680
2.SHELL	1538.000	*	*	*	*	0.223	2.660
106.11	1538.120	*	*	*	*	0.296	2.650
107	1538.200	32.000	27.000	*	*	0.280	2.650
108	1538.640	190.000	170.000	*	*	0.323	2.640
109	1538.880	83.000	73.000	*	*	0.298	2.650
110	1539.150	16.000	13.000	9.100	7.000	0.272	2.650
111	1539.450	348.000	318.000	*	*	0.358	2.650
112	1539.750	45.000	38.000	*	*	0.291	2.660
113	1540.050	13.000	10.000	*	*	0.261	2.650
114	1540.510	89.000	78.000	*	*	0.306	2.660
115	1540.750	16.000	13.000	*	*	0.272	2.650
116	1540.940	39.000	33.000	*	*	0.279	2.650
117	1541.400	11.500	9.000	*	*	0.254	2.660
118	1541.650	30.000	25.000	*	*	0.282	2.660
119	1541.880	8.200	6.300	*	*	0.260	2.660
120	1542.300	42.000	35.000	17.000	14.000	0.265	2.680
121	1542.520	16.000	13.000	*	*	0.237	2.720
122	1542.800	24845.000	24545.000	*	*	0.325	2.700
123	1543.130	17893.000	17643.000	*	*	0.295	2.700
124	1543.380	17930.000	17680.000	*	*	0.345	2.650
125	1543.600	22446.000	22146.000	*	*	0.327	2.660
126	1544.090	26190.000	25840.000	*	*	0.316	2.670
126.11	1544.300	*	*	*	*	0.330	2.660
127	1544.340	20300.000	20000.000	*	*	0.323	2.660
128	1544.550	7244.000	7144.000	*	*	0.307	2.680
129	1544.800	10838.000	10688.000	*	*	0.339	2.680
130	1545.130	11644.000	11494.000	6333.000	6233.000	0.338	2.650

131	1545.430	21277.000	20977.000	*	*	0.340	2.650
132	1545.830	5076.000	4996.000	*	*	0.335	2.640
133	1546.170	2164.000	2104.000	*	*	0.334	2.650
134	1546.400	1156.000	1106.000	*	*	0.331	2.630
135	1546.700	1589.000	1539.000	*	*	0.337	2.650
136	1547.000	3607.000	3527.000	*	*	0.349	2.660
137	1547.330	31723.000	31323.000	*	*	0.336	2.620
138	1547.600	25158.000	24808.000	*	*	0.301	2.650
139	1547.900	13487.000	13287.000	*	*	0.301	2.650
140	1548.200	4110.000	4030.000	4901.000	4821.000	0.312	2.710
141	1548.500	14029.000	13829.000	*	*	0.317	2.650
142	1548.800	17736.000	17486.000	*	*	0.326	2.650
143	1549.200	17755.000	17505.000	*	*	0.333	2.640
144	1549.550	23517.000	23217.000	*	*	0.346	2.620
145	1549.820	35162.000	34762.000	*	*	0.341	2.630
146	1550.100	5550.000	5470.000	*	*	0.323	2.690
147	1550.350	19089.000	18839.000	*	*	0.343	2.630
148	1550.650	29787.000	29437.000	*	*	0.347	2.620
149	1551.020	16956.000	16706.000	*	*	0.334	2.680
150	1551.460	11220.000	11070.000	7407.000	7307.000	0.323	2.670
151	1551.770	12463.000	12313.000	*	*	0.344	2.670
3R.SHELL	1552.100	*	*	*	*	0.300	2.660
G3.SHELL	1552.100	*	*	*	*	0.312	2.660
3.SHELL	1552.100	*	*	*	*	0.355	2.650
151.11	1552.180	*	*	*	*	0.326	2.650
152	1552.230	12252.000	12102.000	*	*	0.343	2.650
153	1552.580	8433.000	8308.000	*	*	0.345	2.660
154	1552.880	9290.000	9165.000	*	*	0.342	2.660
155	1553.160	7888.000	7763.000	*	*	0.349	2.650
156	1553.460	9930.000	9805.000	*	*	0.321	2.680
157	1553.830	11306.000	11156.000	*	*	0.311	2.670
158	1554.190	4944.000	4864.000	*	*	0.316	2.670
159	1554.490	9014.000	8889.000	*	*	0.326	2.660
160	1554.870	4325.000	4245.000	2550.000	2470.000	0.307	2.650
161	1555.200	3631.000	3551.000	*	*	0.320	2.660
162	1555.560	2.300	1.600	*	*	0.130	2.680
163	1558.240	1033.000	983.000	*	*	0.329	2.630
164	1558.540	337.000	307.000	*	*	0.252	2.640
165	1558.980	18170.000	17920.000	*	*	0.322	2.650
166	1559.330	38382.000	37932.000	*	*	0.310	2.640
167	1559.650	33124.000	32724.000	*	*	0.328	2.630
168	1559.950	42915.000	42415.000	*	*	0.342	2.650
169	1560.250	36649.000	36199.000	*	*	0.338	2.640
170	1560.550	29946.000	29596.000	31855.000	31455.000	0.332	2.640
171	1560.830	7130.000	7030.000	*	*	0.301	2.660
172	1561.140	30285.000	29885.000	*	*	0.340	2.630
173	1561.460	29161.000	28811.000	*	*	0.307	2.650
174	1561.740	49653.000	49153.000	*	*	0.323	2.630
175	1562.080	39592.000	39142.000	*	*	0.324	2.640
176	1562.630	32414.000	32014.000	*	*	0.339	2.630
177	1562.960	7681.000	7556.000	*	*	0.333	2.650
178	1563.240	10329.000	10179.000	*	*	0.350	2.650
179	1563.530	11912.000	11762.000	*	*	0.336	2.630
180	1563.810	6504.000	6404.000	5078.000	4998.000	0.331	2.670
181	1564.140	1208.000	1158.000	*	*	0.306	2.670
182	1564.430	10522.000	10372.000	*	*	0.330	2.650
183	1564.740	9134.000	9009.000	*	*	0.332	2.650
184	1565.050	4726.000	4646.000	*	*	0.337	2.650

185	1565.330	4784.000	4704.000	*	*	0.347	2.640
186	1565.620	7765.000	7640.000	*	*	0.336	2.650
187	1565.900	5925.000	5825.000	*	*	0.323	2.640
188	1566.220	6381.000	6281.000	*	*	0.336	2.650
189	1566.490	9469.000	9344.000	*	*	0.327	2.650
190	1566.790	7075.000	6975.000	6990.000	6890.000	0.335	2.660
191	1567.140	8061.000	7836.000	*	*	0.337	2.650
192	1567.420	10988.000	10838.000	*	*	0.326	2.640
193	1567.740	9862.000	9737.000	*	*	0.339	2.640
194	1568.040	1168.000	1118.000	*	*	0.273	2.660
195	1568.320	7556.000	7431.000	*	*	0.331	2.650
196	*1568.650*	*18470.000*	*18220.000*	*	*	0.348	2.630
197	1568.900	8236.000	8111.000	*	*	0.340	2.650
198	1569.160	18489.000	18239.000	*	*	0.340	2.640
199	1569.550	13611.000	13411.000	*	*	0.338	2.650
200	1569.870	14209.000	14009.000	13994.000	13794.000	0.343	2.640
4R.SHELL	1570.000	*	*	*	*	0.310	2.660
G4.SHELL	1570.000	*	*	*	*	0.332	2.660
201	1570.180	10623.000	10473.000	*	*	0.318	2.640
202	1570.490	11113.000	10963.000	*	*	0.338	2.630
203	1570.650	10524.000	10374.000	*	*	0.350	2.630
204	1571.100	10342.000	10192.000	*	*	0.352	2.630
204.11	1571.250	*	*	*	*	0.335	2.630
205	1571.410	8212.000	8087.000	*	*	0.334	2.650
206	1571.660	5123.000	5043.000	*	*	0.333	2.640
207	1571.980	8359.000	8234.000	*	*	0.349	2.630
208	1572.340	11833.000	11683.000	12631.000	12481.000	0.354	2.640
209	1572.610	14916.000	14716.000	14692.000	14492.000	0.350	2.630
210	1572.910	20026.000	19726.000	11992.000	11842.000	0.336	2.610
211	1573.210	15469.000	15269.000	4194.000	4114.000	0.353	2.630
212	1573.460	11183.000	11033.000	7715.000	7590.000	0.346	2.630
213	1573.740	4269.000	4189.000	6115.000	6015.000	0.340	2.660
214	1574.040	4949.000	4869.000	*	*	0.337	2.630
215	1574.340	7600.000	7475.000	8157.000	8032.000	0.345	2.640
216	1574.640	12118.000	11968.000	*	*	0.332	2.640
217	1574.940	4173.000	4093.000	4847.000	4767.000	0.349	2.650
218	1575.230	5289.000	5209.000	1233.000	1183.000	0.351	2.660
219	1575.530	7197.000	7097.000	3901.000	3821.000	0.340	2.660
220	1576.100	3065.000	2985.000	2052.000	1992.000	0.321	2.650
221	1576.390	*	*	324.000	294.000	0.301	2.660
222	1576.690	4611.000	4531.000	3360.000	3280.000	0.346	2.640
223	1576.990	3517.000	3437.000	2346.000	2266.000	0.333	2.660
224	1577.290	4272.000	4192.000	218.000	198.000	0.315	2.640
225	1577.590	3065.000	2985.000	2352.000	2272.000	0.301	2.650
226	1579.010	1847.000	1787.000	2918.000	2838.000	0.316	2.670
227	1579.480	3668.000	3588.000	2274.000	2214.000	0.331	2.660
228	1579.760	2726.000	2646.000	1097.000	1047.000	0.315	2.640
229	1580.040	4027.000	3947.000	2142.000	2082.000	0.317	2.660
229.11	1580.100	*	*	*	*	0.349	2.660
5R.SHELL	1580.100	*	*	*	*	0.330	2.660
5.SHELL	1580.100	*	*	*	*	0.245	2.660
230	1580.340	4737.000	4657.000	3026.000	2946.000	0.339	2.660
231	1580.640	3874.000	3794.000	2977.000	2897.000	0.323	2.660
232	1580.940	3448.000	3368.000	2981.000	2901.000	0.326	2.660
233	1581.290	4563.000	4483.000	3499.000	3419.000	0.315	2.640
234	1581.540	4891.000	4811.000	2340.000	2260.000	0.320	2.640
235	1581.840	2981.000	2901.000	1093.000	1043.000	0.332	2.650
236	1582.140	4471.000	4391.000	1927.000	1867.000	0.321	2.650

237	1584.450	268.000	248.000	*	*	0.332	2.690
238	1584.820	2881.000	2801.000	*	*	0.322	2.650
6R.SHELL	1585.000	*	*	*	*	0.310	2.670
G6.SHELL	1585.000	*	*	*	*	0.259	2.650
238.11	1585.100	*	*	*	*	0.311	2.650
239	1585.130	480.000	450.000	*	*	0.319	2.650
240	1586.170	10162.000	10012.000	6382.000	6282.000	0.356	2.650
241	1586.740	102.000	90.000	*	*	0.270	2.580
242	1587.070	2677.000	2597.000	*	*	0.348	2.650
243	1587.330	7717.000	7592.000	*	*	0.373	2.650
244	1587.600	10308.000	10158.000	*	*	0.367	2.640
245	1587.930	11203.000	11053.000	*	*	0.360	2.650
246	1588.240	3425.000	3345.000	*	*	0.334	2.680
247	1588.570	1781.000	1721.000	*	*	0.319	2.640
248	1588.830	2576.000	2496.000	*	*	0.350	2.650
249	1589.110	76.000	66.000	*	*	0.279	2.590
250	1589.410	173.000	156.000	18.000	15.000	0.283	2.560
251	1589.720	273.000	253.000	*	*	0.312	2.660
252	1590.010	40.000	34.000	*	*	0.264	2.640
253	1590.290	9499.000	9374.000	*	*	0.295	2.660
254	1590.590	1409.000	1359.000	*	*	0.340	2.650
255	1591.050	467.000	437.000	*	*	0.306	2.640
256	1592.020	84.000	74.000	*	*	0.256	2.650
257	1592.640	28.000	23.000	*	*	0.289	2.680
258	1592.940	45.000	38.000	*	*	0.278	2.680
259	1593.260	7.900	6.100	*	*	0.237	2.670
260	1593.540	2.100	1.500	0.780	0.520	0.208	2.640
261	1593.770	3.200	2.300	*	*	0.206	2.680
262	1594.000	1.900	1.300	*	*	0.199	2.680
263	1594.370	4.100	3.000	*	*	0.234	2.690
264	1594.670	4.000	2.900	*	*	0.218	2.700
265	1595.450	6057.000	5957.000	*	*	0.337	2.650
266	1595.750	5730.000	5650.000	*	*	0.355	2.640
267	1596.000	6573.000	6473.000	*	*	0.355	2.660
268	1596.390	2415.000	2335.000	*	*	0.355	2.650
269	1596.690	4800.000	4720.000	*	*	0.340	2.660
270	1596.990	3580.000	3500.000	4551.000	4471.000	0.343	2.660
270.11	1597.050	*	*	*	*	0.334	2.660
271	1597.270	3027.000	2947.000	*	*	0.310	2.700
272	1597.570	1371.000	1321.000	*	*	0.331	2.670
273	1597.870	3779.000	3699.000	*	*	0.355	2.660
274	1598.170	1401.000	1351.000	*	*	0.347	2.650
275	1598.470	2568.000	2488.000	*	*	0.341	2.660
276	1598.770	3328.000	3248.000	*	*	0.347	2.650
277	1599.070	3794.000	3714.000	*	*	0.305	2.650
278	1600.170	2990.000	2910.000	*	*	0.350	2.660
279	1600.470	4198.000	4118.000	*	*	0.362	2.650
280	1602.100	4.300	3.200	1.800	1.300	0.233	2.660
281	1602.800	1.600	1.100	*	*	0.210	2.670
282	1603.100	2.900	2.100	*	*	0.230	2.680
283	1603.400	3.700	2.700	*	*	0.229	2.670
284	1603.700	2.100	1.500	*	*	0.208	2.670
285	1604.050	2.700	1.900	*	*	0.208	2.660
286	1604.300	4.600	3.400	*	*	0.230	2.670
286.11	1604.310	*	*	*	*	*	2.670
287	1604.600	10.400	8.100	*	*	0.252	2.680
288	1604.870	33.000	28.000	*	*	0.275	2.610
289	1605.200	54.000	46.000	*	*	0.292	2.670

290	1605.500	33.000	28.000	37.000	31.000	0.293	2.680
291	1605.790	48.000	41.000	*	*	0.274	2.670
292	1606.070	260.000	240.000	*	*	0.213	2.670
293	1606.360	651.000	621.000	*	*	0.131	2.690
294	1606.660	0.040	0.020	*	*	0.028	2.730
295	1606.990	2.900	2.100	*	*	0.141	2.670
296	1607.280	1.300	0.910	*	*	0.124	2.680
297	1607.630	0.160	0.100	*	*	0.095	2.730
298	1607.900	0.250	0.160	*	*	0.090	2.690
299	1608.180	1054.000	1004.000	*	*	0.323	2.670
300	1608.460	4186.000	4106.000	1741.000	1681.000	0.284	2.660
301	1608.900	2569.000	2489.000	*	*	0.335	2.660
302	1609.200	1604.000	1554.000	*	*	0.352	2.660
303	1609.500	575.000	545.000	*	*	0.335	2.670
304	1609.800	5.600	4.200	*	*	0.223	2.760
305	1610.100	1.700	1.200	*	*	0.201	2.710
306	1610.360	104.000	93.000	*	*	0.269	2.670
307	1610.700	122.000	109.000	*	*	0.262	2.670
308	1611.000	9726.000	9601.000	*	*	0.316	2.650
309	1611.300	5533.000	5453.000	*	*	0.325	2.650
310	1611.590	11703.000	11553.000	2837.000	2757.000	0.302	2.640
311	1611.900	4058.000	3978.000	*	*	0.315	2.650
312	1612.170	3821.000	3741.000	*	*	0.314	2.650
313	1612.500	3174.000	3094.000	*	*	0.327	2.650
314	1612.800	3168.000	3088.000	*	*	0.320	2.650
315	1613.050	2829.000	2749.000	*	*	0.331	2.660
316	1613.300	4455.000	4375.000	*	*	0.327	2.650
317	1613.600	1214.000	1164.000	*	*	0.295	2.660
318	1613.860	2815.000	2735.000	*	*	0.302	2.640
319	1614.160	2168.000	2108.000	*	*	0.309	2.650
320	1614.600	1505.000	1455.000	981.000	941.000	0.305	2.640
321	1614.900	1265.000	1215.000	*	*	0.310	2.640
322	1615.200	4205.000	4125.000	*	*	0.340	2.640
323	1615.500	5139.000	5059.000	*	*	0.330	2.640
324	1615.800	2924.000	2844.000	*	*	0.325	2.640
325	1616.080	919.000	879.000	*	*	0.322	2.640
326	1616.370	2587.000	2507.000	*	*	0.313	2.640
327	1616.630	5062.000	4982.000	*	*	0.320	2.640
328	1616.960	5650.000	5570.000	*	*	0.343	2.650
329	1617.230	2767.000	2687.000	*	*	0.327	2.650
330	1617.530	5296.000	5216.000	934.000	894.000	0.318	2.640
331	1617.760	3502.000	3422.000	*	*	0.325	2.640
332	1618.070	9387.000	9262.000	*	*	0.345	2.650
333	1618.390	5286.000	5206.000	*	*	0.325	2.650
335	1619.070	529.000	499.000	*	*	0.319	2.670
336	1619.350	1248.000	1198.000	*	*	0.317	2.650
337	1619.780	2089.000	2029.000	*	*	0.347	2.650
338	1620.150	2032.000	1972.000	*	*	0.338	2.650
339	1620.400	865.000	825.000	*	*	0.315	2.650
340	1620.670	593.000	563.000	1177.000	1127.000	0.320	2.660
341	1621.000	637.000	607.000	*	*	0.327	2.670
342	1621.290	1291.000	1241.000	*	*	0.328	2.660
343	1621.600	9991.000	9866.000	*	*	0.365	2.640
344	1621.950	86.000	75.000	*	*	0.285	2.680
345	1622.350	118.000	105.000	*	*	0.288	2.690
346	1622.600	50.000	43.000	*	*	0.270	2.700
347	1622.870	31.000	26.000	*	*	0.237	2.710
348	1623.120	41.000	35.000	*	*	0.257	2.690

349	1623.450	52.000	44.000	*	*	0.277	2.700
350	1623.750	80.000	70.000	22.000	18.000	0.278	2.700
351	1624.050	101.000	89.000	*	*	0.322	2.680
352	1624.370	37.000	31.000	*	*	0.273	2.700
353	1624.660	154.000	139.000	*	*	0.277	2.680
354	1624.980	33.000	28.000	*	*	0.254	2.690
355	1625.300	24.000	20.000	*	*	0.245	2.680
356	1625.600	60.000	52.000	*	*	0.262	2.670
357	1625.890	79.000	69.000	*	*	0.267	2.700
358	1626.190	43.000	36.000	*	*	0.257	2.710
359	1626.490	23.000	19.000	*	*	0.249	2.690
360	1626.790	7.100	5.400	5.400	4.000	0.248	2.640
361	1627.070	37.000	31.000	*	*	0.255	2.690
362	1627.490	16.000	13.000	*	*	0.237	2.720
363	1627.790	26.000	21.000	*	*	0.250	2.720
364	1628.100	45.000	38.000	*	*	0.257	2.750
365	1628.390	24.000	20.000	*	*	0.252	2.710
366	1628.690	38.000	32.000	*	*	0.287	2.730
367	1629.000	44.000	37.000	*	*	0.286	2.740
368	1629.300	56.000	48.000	*	*	0.238	2.700
369	1629.600	134.000	120.000	*	*	0.309	2.670
370	1629.900	188.000	168.000	180.000	160.000	0.303	2.670
371	1630.200	164.000	148.000	*	*	0.307	2.660
372	1630.500	345.000	315.000	*	*	0.334	2.650
373	1630.790	507.000	477.000	*	*	0.346	2.650
374	1631.090	228.000	208.000	*	*	0.326	2.660
375	1631.390	1645.000	1595.000	*	*	0.350	2.650
376	1631.600	188.000	168.000	*	*	0.300	2.670
377	1631.900	180.000	160.000	*	*	0.303	2.670
378	1632.200	2022.000	1962.000	*	*	0.321	2.680