

HUGHES CHRISTENSEN
ROTARY RIGS RUNNING - BY STATE
DECEMBER 1998

	DEC 4	DEC 11	DEC 18	DEC 23	DEC 30	DEC AVG
ALABAMA-LAND	1	1	1	1	1	1
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	3	4	4	4	4	4
TOTAL ALABAMA	4	5	5	5	5	5
ALASKA-LAND	13	13	13	13	9	12
ALASKA-OFFSHORE	0	0	0	0	0	0
TOTAL ALASKA	13	13	13	13	9	12
ARIZONA	0	0	0	1	1	0
ARKANSAS	2	3	2	2	2	2
CALIFORNIA-LAND	19	20	22	22	18	20
CALIFORNIA-OFFSHORE	3	2	2	2	2	2
TOTAL CALIFORNIA	22	22	24	24	20	22
COLORADO	12	12	11	11	12	12
FLORIDA-LAND	0	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0	0
TOTAL FLORIDA	0	0	0	0	0	0
GEORGIA	0	0	0	0	0	0
HAWAII	0	0	0	0	0	0
IDAHO	0	0	0	0	0	0
ILLINOIS	0	0	0	0	0	0
INDIANA	0	0	0	0	0	0
KANSAS	8	9	9	9	9	9
KENTUCKY	4	4	4	4	4	4
N LOUISIANA-LAND	17	20	14	17	14	16
S LOUISIANA-INL WATER	17	18	18	17	17	17
S LOUISIANA-LAND	26	23	23	26	27	25
S LOUISIANA-OFFSHORE	94	92	84	85	89	89
TOTAL LOUISIANA	163	163	139	144	147	147
MICHIGAN	4	4	4	4	4	4
MISSISSIPPI	10	12	11	10	10	11
MONTANA	7	6	6	6	4	6
NEBRASKA	1	1	2	2	2	2
NEVADA	0	0	0	0	0	0
NEW MEXICO	34	34	34	32	33	33
NEW YORK	4	4	4	4	3	4
N DAKOTA	5	5	6	6	6	6
OHIO	12	12	12	12	12	12
OKLAHOMA	72	73	74	72	68	72
OREGON	0	0	0	0	1	0
PENNSYLVANIA	10	5	8	9	8	8
S DAKOTA	0	0	0	0	0	0
TENNESSEE	0	0	0	0	0	0
TEXAS-OFFSHORE	8	8	7	7	7	7
TEXAS-INL WATER	0	0	0	0	1	0
DISTRICT 1	6	6	6	9	9	7
DISTRICT 2	18	16	13	12	14	15
DISTRICT 3	45	45	42	43	42	43
DISTRICT 4	53	51	55	55	51	53
DISTRICT 5	16	11	8	7	9	10
DISTRICT 6	23	25	26	25	23	24
DISTRICT 7B	2	2	1	1	2	2
DISTRICT 7C	10	9	8	8	10	9
DISTRICT 8	22	23	19	14	12	18
DISTRICT 8A	7	6	5	5	4	5
DISTRICT 9	6	6	7	7	7	7
DISTRICT 10	14	16	13	15	15	15
TOTAL TEXAS	230	224	210	208	206	216
UTAH	5	5	5	5	5	5
VIRGINIA	1	1	1	1	1	1
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	21	21	21	20	20	21
WYOMING	35	39	37	30	29	34
TOTAL UNITED STATES	669	667	642	634	621	647
CANADA-LAND	226	245	287	232	232	244
CANADA-OFFSHORE	4	4	4	4	4	4
GRAND TOTAL	899	916	933	870	857	895

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES CHRISTENSEN
ROTARY RIGS RUNNING - BY STATE
NOVEMBER 1998

	NOV 6	NOV 13	NOV 20	NOV 25	NOV AVG
ALABAMA-LAND	1	1	1	2	1
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3
TOTAL ALABAMA	4	4	4	5	4
ALASKA-LAND	13	14	10	10	12
ALASKA-OFFSHORE	0	0	0	0	0
TOTAL ALASKA	13	14	10	10	12
ARIZONA	0	0	0	0	0
ARKANSAS	2	2	1	0	1
CALIFORNIA-LAND	22	22	21	21	22
CALIFORNIA-OFFSHORE	4	4	4	3	4
TOTAL CALIFORNIA	26	26	25	24	25
COLORADO	7	7	10	8	8
FLORIDA-LAND	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	0	0	0	0	0
GEORGIA	0	0	0	0	0
HAWAII	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	0	0	0	0	0
INDIANA	0	0	0	0	0
KANSAS	5	6	9	8	7
KENTUCKY	1	2	3	5	3
N LOUISIANA-LAND	19	17	21	19	19
S LOUISIANA-INL WATER	15	15	15	17	16
S LOUISIANA-LAND	30	27	27	28	28
S LOUISIANA-OFFSHORE	94	92	93	90	92
TOTAL LOUISIANA	158	151	156	154	155
MICHIGAN	6	4	4	4	5
MISSISSIPPI	13	13	10	11	12
MONTANA	6	6	6	6	6
NEBRASKA	1	1	1	1	1
NEVADA	0	0	0	0	0
NEW MEXICO	46	44	37	35	41
NEW YORK	3	3	3	3	3
N DAKOTA	9	8	8	6	8
OHIO	12	12	12	12	12
OKLAHOMA	69	66	68	72	69
OREGON	0	0	0	0	0
PENNSYLVANIA	12	9	10	10	10
S DAKOTA	1	0	0	0	0
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	12	13	7	8	10
TEXAS-INL WATER	0	0	1	2	1
DISTRICT 1	6	6	8	9	7
DISTRICT 2	14	20	19	21	19
DISTRICT 3	43	40	42	43	42
DISTRICT 4	53	56	58	56	56
DISTRICT 5	11	14	15	16	14
DISTRICT 6	25	30	24	26	26
DISTRICT 7B	2	2	3	3	3
DISTRICT 7C	16	9	11	10	11
DISTRICT 8	20	21	24	23	22
DISTRICT 8A	7	6	7	5	6
DISTRICT 9	7	7	7	7	7
DISTRICT 10	16	13	19	17	16
TOTAL TEXAS	231	237	245	246	240
UTAH	12	11	8	6	9
VIRGINIA	3	2	1	1	2
WASHINGTON	0	0	0	0	0
W VIRGINIA	17	17	17	19	18
WYOMING	38	38	37	39	38
TOTAL UNITED STATES	696	684	686	686	688
CANADA-LAND	179	195	199	216	197
CANADA-OFFSHORE	4	4	4	4	4
GRAND TOTAL	879	883	889	906	889

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.



ROTARY RIGS RUNNING - BY STATE
OCTOBER 1998

	<u>OCT 2</u>	<u>OCT 9</u>	<u>OCT 16</u>	<u>OCT 23</u>	<u>OCT 30</u>	<u>OCT AVG</u>
ALABAMA-LAND	2	2	2	1	1	2
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	5	5	4	4	4	4
TOTAL ALABAMA	<u>7</u>	<u>7</u>	<u>6</u>	<u>5</u>	<u>5</u>	<u>6</u>
ALASKA-LAND	10	11	11	11	11	11
ALASKA-OFFSHORE	2	1	1	0	0	1
TOTAL ALASKA	<u>12</u>	<u>12</u>	<u>12</u>	<u>11</u>	<u>11</u>	<u>12</u>
ARIZONA	0	0	0	0	0	0
ARKANSAS	2	1	2	2	2	2
CALIFORNIA-LAND	27	23	25	25	23	25
CALIFORNIA-OFFSHORE	3	3	3	3	3	3
TOTAL CALIFORNIA	<u>30</u>	<u>26</u>	<u>28</u>	<u>28</u>	<u>26</u>	<u>28</u>
COLORADO	5	9	7	5	6	6
FLORIDA-LAND	0	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0	0
TOTAL FLORIDA	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
GEORGIA	0	0	0	0	0	0
HAWAII	0	0	0	0	0	0
IDAHO	0	0	0	0	0	0
ILLINOIS	0	0	0	0	0	0
INDIANA	0	0	0	0	0	0
KANSAS	12	10	10	8	6	9
KENTUCKY	3	3	3	1	1	2
N LOUISIANA-LAND	18	15	17	18	18	17
S LOUISIANA-INL WATER	19	19	19	19	16	18
S LOUISIANA-LAND	29	30	29	27	30	29
S LOUISIANA-OFFSHORE	94	93	91	90	89	91
TOTAL LOUISIANA	<u>160</u>	<u>157</u>	<u>156</u>	<u>154</u>	<u>153</u>	<u>156</u>
MICHIGAN	5	4	4	4	6	4
MISSISSIPPI	15	15	14	12	12	14
MONTANA	10	10	10	9	6	9
NEBRASKA	0	0	0	1	1	0
NEVADA	0	0	0	0	0	0
NEW MEXICO	47	46	45	48	42	46
NEW YORK	3	3	3	3	3	3
N DAKOTA	8	8	8	8	8	8
OHIO	13	13	13	13	12	13
OKLAHOMA	85	87	81	72	80	81
OREGON	0	0	0	0	0	0
PENNSYLVANIA	14	13	12	12	13	13
S DAKOTA	0	0	0	1	1	0
TENNESSEE	1	1	1	1	1	1
TEXAS-OFFSHORE	12	11	13	14	12	12
TEXAS-INL WATER	1	2	1	1	0	1
DISTRICT 1	5	6	6	8	7	6
DISTRICT 2	19	23	21	15	14	18
DISTRICT 3	36	37	42	39	40	39
DISTRICT 4	52	54	54	55	54	54
DISTRICT 5	25	22	18	19	17	20
DISTRICT 6	26	32	28	32	30	30
DISTRICT 7B	1	2	2	6	3	3
DISTRICT 7C	14	10	10	11	12	11
DISTRICT 8	23	23	23	21	21	22
DISTRICT 8A	8	9	8	8	7	8
DISTRICT 9	5	5	5	4	5	5
DISTRICT 10	24	20	24	17	20	21
TOTAL TEXAS	<u>261</u>	<u>256</u>	<u>255</u>	<u>250</u>	<u>242</u>	<u>251</u>
UTAH	11	11	11	12	12	11
VIRGINIA	3	3	3	3	3	3
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	18	18	17	15	15	17
WYOMING	39	37	39	38	41	39
TOTAL UNITED STATES	<u>754</u>	<u>750</u>	<u>740</u>	<u>716</u>	<u>708</u>	<u>734</u>
CANADA-LAND	157	166	122	134	167	149
CANADA-OFFSHORE	4	4	4	4	4	4
GRAND TOTAL	<u>915</u>	<u>920</u>	<u>866</u>	<u>854</u>	<u>879</u>	<u>887</u>

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.



ROTARY RIGS RUNNING - BY STATE
SEPTEMBER 1998

	SEP 4	SEP 11	SEP 18	SEP 25	SEP AVG
ALABAMA-LAND	2	2	2	2	2
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	6	6	6	6	6
TOTAL ALABAMA	8	8	8	7	8
ALASKA-LAND	12	10	10	10	11
ALASKA-OFFSHORE	2	2	2	2	2
TOTAL ALASKA	14	12	12	12	13
ARIZONA	0	0	0	0	0
ARKANSAS	5	5	2	2	4
CALIFORNIA-LAND	26	26	24	27	26
CALIFORNIA-OFFSHORE	3	3	3	3	3
TOTAL CALIFORNIA	29	29	27	30	29
COLORADO	10	10	8	6	9
FLORIDA-LAND	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	0	0	0	0	0
GEORGIA	0	0	0	0	0
HAWAII	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	0	0	0	0	0
INDIANA	0	0	0	0	0
KANSAS	11	11	10	8	10
KENTUCKY	2	2	2	2	2
N LOUISIANA-LAND	20	21	20	19	20
S LOUISIANA-INL WATER	16	19	18	19	18
S LOUISIANA-LAND	28	27	25	23	26
S LOUISIANA-OFFSHORE	95	98	99	97	97
TOTAL LOUISIANA	159	165	162	158	161
MICHIGAN	5	5	5	5	5
MISSISSIPPI	18	18	19	15	18
MONTANA	7	7	8	9	8
NEBRASKA	0	0	0	0	0
NEVADA	0	0	0	0	0
NEW MEXICO	44	45	45	46	45
NEW YORK	3	3	3	3	3
N DAKOTA	9	9	7	7	8
OHIO	13	13	13	13	13
OKLAHOMA	92	88	88	88	89
OREGON	0	0	0	0	0
PENNSYLVANIA	14	14	14	14	14
S DAKOTA	0	0	0	0	0
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	9	8	11	12	10
TEXAS-INL WATER	3	3	2	2	3
DISTRICT 1	5	4	2	4	4
DISTRICT 2	16	23	24	23	22
DISTRICT 3	36	35	38	38	37
DISTRICT 4	66	64	65	64	65
DISTRICT 5	25	21	20	21	22
DISTRICT 6	28	29	26	26	27
DISTRICT 7B	0	0	1	1	1
DISTRICT 7C	8	14	15	16	13
DISTRICT 8	21	22	25	24	23
DISTRICT 8A	5	5	4	7	5
DISTRICT 9	6	7	7	7	7
DISTRICT 10	23	26	24	24	24
TOTAL TEXAS	251	261	263	269	261
UTAH	11	12	10	11	11
VIRGINIA	3	3	3	3	3
WASHINGTON	0	0	0	0	0
W VIRGINIA	18	18	18	18	18
WYOMING	43	42	45	43	43
TOTAL UNITED STATES	770	781	773	770	774
CANADA-LAND	198	180	183	169	183
CANADA-OFFSHORE	4	4	4	4	4
GRAND TOTAL	972	965	960	943	960

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

	<u>AUG 7</u>	<u>AUG 14</u>	<u>AUG 21</u>	<u>AUG 28</u>	<u>AUG AVG</u>
ALABAMA-LAND	4	4	2	2	3
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	5	5	6	7	6
TOTAL ALABAMA	<u>9</u>	<u>9</u>	<u>8</u>	<u>9</u>	<u>9</u>
ALASKA-LAND	9	10	10	13	11
ALASKA-OFFSHORE	2	2	2	2	2
TOTAL ALASKA	<u>11</u>	<u>12</u>	<u>12</u>	<u>15</u>	<u>13</u>
ARIZONA	0	0	0	0	0
ARKANSAS	6	5	6	5	6
CALIFORNIA-LAND	29	28	26	24	27
CALIFORNIA-OFFSHORE	2	2	3	3	3
TOTAL CALIFORNIA	<u>31</u>	<u>30</u>	<u>29</u>	<u>27</u>	<u>29</u>
COLORADO	10	9	11	11	10
FLORIDA-LAND	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
GEORGIA	0	0	0	0	0
HAWAII	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	0	0	0	0	0
INDIANA	0	0	0	0	0
KANSAS	14	15	12	10	13
KENTUCKY	2	2	2	2	2
N LOUISIANA-LAND	20	21	22	21	21
S LOUISIANA-INL WATER	19	21	18	20	20
S LOUISIANA-LAND	34	31	32	29	32
S LOUISIANA-OFFSHORE	104	102	93	96	99
TOTAL LOUISIANA	<u>177</u>	<u>175</u>	<u>165</u>	<u>166</u>	<u>171</u>
MICHIGAN	5	5	5	5	5
MISSISSIPPI	17	18	16	18	17
MONTANA	8	9	9	9	9
NEBRASKA	0	0	0	0	0
NEVADA	0	0	0	0	0
NEW MEXICO	39	38	35	42	39
NEW YORK	3	3	3	3	3
N DAKOTA	9	8	10	11	10
OHIO	13	13	13	13	13
OKLAHOMA	90	91	84	94	90
OREGON	0	0	0	0	0
PENNSYLVANIA	12	13	14	14	13
S DAKOTA	0	0	0	0	0
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	9	9	9	9	9
TEXAS-INL WATER	1	2	3	3	2
DISTRICT 1	8	8	8	7	8
DISTRICT 2	14	14	16	18	16
DISTRICT 3	42	39	37	38	39
DISTRICT 4	66	68	64	67	66
DISTRICT 5	26	26	25	24	25
DISTRICT 6	31	28	28	30	29
DISTRICT 7B	1	0	0	0	0
DISTRICT 7C	13	11	11	10	11
DISTRICT 8	29	30	27	25	28
DISTRICT 8A	10	9	8	5	8
DISTRICT 9	7	7	6	6	7
DISTRICT 10	18	15	19	19	18
TOTAL TEXAS	<u>275</u>	<u>266</u>	<u>261</u>	<u>261</u>	<u>266</u>
UTAH	14	14	14	11	13
VIRGINIA	3	3	3	3	3
WASHINGTON	0	0	0	0	0
W VIRGINIA	18	18	18	18	18
WYOMING	42	42	40	42	42
TOTAL UNITED STATES	<u>809</u>	<u>799</u>	<u>771</u>	<u>790</u>	<u>792</u>
CANADA-LAND	211	212	219	185	207
CANADA-OFFSHORE	4	4	4	4	4
GRAND TOTAL	<u>1024</u>	<u>1015</u>	<u>994</u>	<u>979</u>	<u>1003</u>

HUGHES CHRISTENSEN
ROTARY RIGS RUNNING - BY STATE
JULY 1998

	JUL 2	JUL 10	JUL 17	JUL 24	JUL 31	JUL AVG
ALABAMA-LAND	2	2	3	3	4	3
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	3	4	4	5	5	4
TOTAL ALABAMA	5	6	7	8	9	7
ALASKA-LAND	8	9	10	11	11	10
ALASKA-OFFSHORE	1	1	1	1	1	1
TOTAL ALASKA	9	10	11	12	12	11
ARIZONA	0	0	0	0	0	0
ARKANSAS	5	5	3	2	2	3
CALIFORNIA-LAND	27	28	26	26	29	27
CALIFORNIA-OFFSHORE	1	1	1	1	1	1
TOTAL CALIFORNIA	28	27	27	27	30	28
COLORADO	14	12	11	14	13	13
FLORIDA-LAND	0	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0	0
TOTAL FLORIDA	0	0	0	0	0	0
GEORGIA	0	0	0	0	0	0
HAWAII	0	0	0	0	0	0
IDAHO	0	0	0	0	0	0
ILLINOIS	0	0	0	0	0	0
INDIANA	0	0	0	0	0	0
KANSAS	11	12	15	15	14	13
KENTUCKY	1	1	2	2	2	2
N LOUISIANA-LAND	20	24	22	23	17	21
S LOUISIANA-INL WATER	23	22	23	20	19	21
S LOUISIANA-LAND	36	37	38	40	37	38
S LOUISIANA-OFFSHORE	108	104	102	108	104	105
TOTAL LOUISIANA	187	187	185	191	177	185
MICHIGAN	6	5	5	5	5	5
MISSISSIPPI	10	15	13	14	15	13
MONTANA	11	10	9	9	9	10
NEBRASKA	1	0	0	0	0	0
NEVADA	0	0	0	0	0	0
NEW MEXICO	45	49	44	43	46	45
NEW YORK	1	1	3	3	3	2
N DAKOTA	11	14	12	12	11	12
OHIO	14	14	14	14	14	14
OKLAHOMA	83	79	77	73	79	78
OREGON	0	0	0	0	0	0
PENNSYLVANIA	10	10	12	12	13	11
S DAKOTA	0	0	0	0	0	0
TENNESSEE	0	0	1	1	1	1
TEXAS-OFFSHORE	12	9	10	9	9	10
TEXAS-INL WATER	1	1	1	1	1	1
DISTRICT 1	11	11	11	11	9	11
DISTRICT 2	14	16	15	15	14	15
DISTRICT 3	39	38	38	43	43	40
DISTRICT 4	72	67	66	68	65	68
DISTRICT 5	20	29	28	27	28	26
DISTRICT 6	33	36	29	28	33	32
DISTRICT 7B	2	2	2	1	2	2
DISTRICT 7C	23	23	19	20	14	20
DISTRICT 8	29	33	35	33	31	32
DISTRICT 8A	10	10	10	9	10	10
DISTRICT 9	8	8	8	8	8	8
DISTRICT 10	15	11	16	19	22	17
TOTAL TEXAS	289	292	288	292	289	290
UTAH	16	15	15	15	15	15
VIRGINIA	3	3	3	3	3	3
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	14	14	16	16	17	15
WYOMING	38	38	37	33	43	38
TOTAL UNITED STATES	812	819	810	816	822	816
CANADA-LAND	196	179	229	228	233	213
CANADA-OFFSHORE	4	4	4	4	4	4
GRAND TOTAL	1012	1002	1043	1048	1059	1033

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES CHRISTENSEN
ROTARY RIGS RUNNING - BY STATE
JUNE 1998

	<u>JUN 5</u>	<u>JUN 12</u>	<u>JUN 19</u>	<u>JUN 26</u>	<u>JUN AVG</u>
ALABAMA-LAND	0	1	2	2	1
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	2	3	3	3	3
TOTAL ALABAMA	2	4	5	5	4
ALASKA-LAND	12	12	12	10	12
ALASKA-OFFSHORE	1	2	2	1	2
TOTAL ALASKA	13	14	14	11	13
ARIZONA	0	0	0	0	0
ARKANSAS	8	8	5	5	7
CALIFORNIA-LAND	29	31	30	29	30
CALIFORNIA-OFFSHORE	0	0	0	0	0
TOTAL CALIFORNIA	29	31	30	29	30
COLORADO	18	16	13	13	15
FLORIDA-LAND	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	0	0	0	0	0
GEORGIA	0	0	0	0	0
HAWAII	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	0	0	0	0	0
INDIANA	0	0	0	0	0
KANSAS	10	12	11	11	11
KENTUCKY	2	2	1	1	2
N LOUISIANA-LAND	21	22	20	19	21
S LOUISIANA-INL WATER	28	28	34	23	28
S LOUISIANA-LAND	48	45	38	36	42
S LOUISIANA-OFFSHORE	116	110	108	107	110
TOTAL LOUISIANA	213	205	200	185	201
MICHIGAN	5	6	6	6	6
MISSISSIPPI	12	13	12	10	12
MONTANA	5	8	9	11	8
NEBRASKA	1	1	1	1	1
NEVADA	0	0	0	0	0
NEW MEXICO	49	53	50	52	51
NEW YORK	2	1	2	1	2
N DAKOTA	15	13	13	11	13
OHIO	9	10	14	14	12
OKLAHOMA	95	96	86	85	91
OREGON	0	0	0	0	0
PENNSYLVANIA	7	8	10	10	9
S DAKOTA	0	0	0	0	0
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	14	14	11	11	13
TEXAS-INL WATER	1	1	0	0	1
DISTRICT 1	9	11	12	11	11
DISTRICT 2	13	14	14	15	14
DISTRICT 3	44	42	40	40	42
DISTRICT 4	66	72	77	71	72
DISTRICT 5	20	19	22	21	21
DISTRICT 6	37	32	34	37	35
DISTRICT 7B	2	2	2	2	2
DISTRICT 7C	27	25	25	22	25
DISTRICT 8	34	31	32	29	32
DISTRICT 8A	15	12	14	13	14
DISTRICT 9	8	7	8	8	8
DISTRICT 10	19	25	23	16	21
TOTAL TEXAS	309	307	314	296	307
UTAH	12	12	12	13	12
VIRGINIA	0	0	3	3	2
WASHINGTON	0	0	0	0	0
W VIRGINIA	10	10	14	14	12
WYOMING	36	38	38	36	37
TOTAL UNITED STATES	862	868	863	823	854
CANADA-LAND	217	250	251	219	234
CANADA-OFFSHORE	4	4	4	4	4
GRAND TOTAL	1083	1122	1118	1046	1092

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES CHRISTENSEN
ROTARY RIGS RUNNING - BY STATE
MAY 1998

	<u>MAY 1</u>	<u>MAY 8</u>	<u>MAY 15</u>	<u>MAY 22</u>	<u>MAY 29</u>	<u>MAY AVG</u>
ALABAMA-LAND	3	3	2	1	1	2
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	4	2	2	3	3	3
TOTAL ALABAMA	7	5	4	4	4	5
ALASKA-LAND	11	11	12	13	12	12
ALASKA-OFFSHORE	0	0	0	1	1	0
TOTAL ALASKA	11	11	12	14	13	12
ARIZONA	0	0	0	0	0	0
ARKANSAS	13	13	12	7	7	10
CALIFORNIA-LAND	24	26	28	28	29	27
CALIFORNIA-OFFSHORE	1	1	1	1	0	1
TOTAL CALIFORNIA	25	27	29	29	29	28
COLORADO	14	14	12	15	16	14
FLORIDA-LAND	1	1	1	0	0	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0	0
TOTAL FLORIDA	1	1	1	0	0	1
GEORGIA	0	0	0	0	0	0
HAWAII	0	0	0	0	0	0
IDAHO	0	0	0	0	0	0
ILLINOIS	0	0	0	0	0	0
INDIANA	0	0	0	0	0	0
KANSAS	12	13	13	12	10	12
KENTUCKY	2	2	2	2	2	2
N LOUISIANA-LAND	19	14	20	22	22	19
S LOUISIANA-INL WATER	19	26	25	25	25	24
S LOUISIANA-LAND	52	48	51	45	40	47
S LOUISIANA-OFFSHORE	121	122	122	116	116	119
TOTAL LOUISIANA	211	210	218	208	203	210
MICHIGAN	4	4	4	4	4	4
MISSISSIPPI	13	13	9	10	9	11
MONTANA	5	5	4	4	4	4
NEBRASKA	0	0	0	0	1	0
NEVADA	0	0	0	0	0	0
NEW MEXICO	39	43	50	52	48	46
NEW YORK	2	2	3	3	2	2
N DAKOTA	12	12	11	12	13	12
OHIO	4	4	4	4	4	4
OKLAHOMA	91	78	86	85	84	85
OREGON	0	0	0	0	0	0
PENNSYLVANIA	9	8	6	6	6	7
S DAKOTA	0	0	0	0	0	0
TENNESSEE	0	0	0	0	0	0
TEXAS-OFFSHORE	7	6	8	13	13	9
TEXAS-INL WATER	0	1	1	1	1	1
DISTRICT 1	18	11	13	10	12	13
DISTRICT 2	23	21	23	21	16	21
DISTRICT 3	50	38	43	42	42	43
DISTRICT 4	64	70	73	63	62	66
DISTRICT 5	24	22	19	21	23	22
DISTRICT 6	34	36	39	41	36	37
DISTRICT 7B	5	3	2	1	2	3
DISTRICT 7C	30	29	33	31	30	31
DISTRICT 8	39	42	38	37	30	37
DISTRICT 8A	19	16	13	15	15	16
DISTRICT 9	7	8	8	8	8	8
DISTRICT 10	21	20	20	19	17	19
TOTAL TEXAS	341	323	333	323	307	325
UTAH	14	13	14	13	12	13
VIRGINIA	0	0	0	0	0	0
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	10	10	10	10	10	10
WYOMING	36	34	39	38	34	36
TOTAL UNITED STATES	876	845	876	855	822	855
CANADA-LAND	111	151	162	150	197	154
CANADA-OFFSHORE	3	3	3	4	4	3
GRAND TOTAL	990	999	1041	1009	1023	1012

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES CHRISTENSEN
ROTARY RIGS RUNNING - BY STATE
APRIL 1998

	<u>APR 3</u>	<u>APR 9</u>	<u>APR 17</u>	<u>APR 24</u>	<u>APR AVG</u>
ALABAMA-LAND	2	2	2	2	2
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	4	4	4	4	4
TOTAL ALABAMA	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>
ALASKA-LAND	13	12	12	11	12
ALASKA-OFFSHORE	0	0	0	0	0
TOTAL ALASKA	<u>13</u>	<u>12</u>	<u>12</u>	<u>11</u>	<u>12</u>
ARIZONA	0	0	0	0	0
ARKANSAS	6	8	9	12	9
CALIFORNIA-LAND	27	26	25	28	27
CALIFORNIA-OFFSHORE	1	1	1	1	1
TOTAL CALIFORNIA	<u>28</u>	<u>27</u>	<u>26</u>	<u>29</u>	<u>28</u>
COLORADO	16	18	15	12	15
FLORIDA-LAND	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
GEORGIA	0	0	0	0	0
HAWAII	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	0	0	0	0	0
INDIANA	0	0	0	0	0
KANSAS	17	17	17	17	17
KENTUCKY	2	2	2	2	2
N LOUISIANA-LAND	12	21	19	17	17
S LOUISIANA-INL WATER	22	25	20	20	22
S LOUISIANA-LAND	56	55	52	50	53
S LOUISIANA-OFFSHORE	119	120	125	119	121
TOTAL LOUISIANA	<u>209</u>	<u>221</u>	<u>216</u>	<u>206</u>	<u>213</u>
MICHIGAN	4	4	4	4	4
MISSISSIPPI	17	17	16	12	16
MONTANA	7	8	6	6	7
NEBRASKA	0	0	0	0	0
NEVADA	0	0	0	0	0
NEW MEXICO	41	37	41	39	40
NEW YORK	0	1	1	2	1
N DAKOTA	11	11	11	11	11
OHIO	4	4	4	4	4
OKLAHOMA	72	86	95	96	87
OREGON	1	1	1	1	1
PENNSYLVANIA	12	8	8	7	9
S DAKOTA	0	0	0	0	0
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	11	11	12	12	12
TEXAS-INL WATER	0	0	0	0	0
DISTRICT 1	16	14	17	23	18
DISTRICT 2	30	29	26	27	28
DISTRICT 3	52	52	48	50	51
DISTRICT 4	61	64	65	64	64
DISTRICT 5	24	18	24	25	23
DISTRICT 6	32	31	36	31	33
DISTRICT 7B	6	6	7	6	6
DISTRICT 7C	27	28	29	27	28
DISTRICT 8	45	48	47	42	46
DISTRICT 8A	19	15	15	18	17
DISTRICT 9	10	8	8	7	8
DISTRICT 10	23	22	19	19	21
TOTAL TEXAS	<u>356</u>	<u>346</u>	<u>353</u>	<u>350</u>	<u>351</u>
UTAH	14	13	12	13	13
VIRGINIA	0	0	0	0	0
WASHINGTON	0	0	0	0	0
W VIRGINIA	9	9	9	9	9
WYOMING	30	33	34	31	32
TOTAL UNITED STATES	<u>875</u>	<u>889</u>	<u>898</u>	<u>880</u>	<u>886</u>
CANADA-LAND	170	127	108	94	125
CANADA-OFFSHORE	3	3	3	3	3
GRAND TOTAL	<u>1048</u>	<u>1019</u>	<u>1009</u>	<u>977</u>	<u>1013</u>

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES CHRISTENSEN
ROTARY RIGS RUNNING - BY STATE
MARCH 1998

	<u>MAR 6</u>	<u>MAR 13</u>	<u>MAR 20</u>	<u>MAR 27</u>	<u>MAR AVG</u>
ALABAMA-LAND	2	3	3	2	3
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	6	6	6	6	6
TOTAL ALABAMA	8	9	9	8	9
ALASKA-LAND	14	13	12	12	13
ALASKA-OFFSHORE	0	0	0	0	0
TOTAL ALASKA	14	13	12	12	13
ARIZONA	0	0	0	0	0
ARKANSAS	8	10	10	9	9
CALIFORNIA-LAND	28	26	23	27	26
CALIFORNIA-OFFSHORE	2	2	1	1	2
TOTAL CALIFORNIA	30	28	24	28	28
COLORADO	17	19	17	16	17
FLORIDA-LAND	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	0	0	0	0	0
GEORGIA	0	0	0	0	0
HAWAII	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	0	0	0	0	0
INDIANA	0	0	0	0	0
KANSAS	16	11	13	13	13
KENTUCKY	2	2	2	2	2
N LOUISIANA-LAND	13	17	17	14	15
S LOUISIANA-INL WATER	25	22	25	24	24
S LOUISIANA-LAND	50	58	61	60	57
S LOUISIANA-OFFSHORE	120	121	117	111	117
TOTAL LOUISIANA	208	218	220	209	214
MICHIGAN	9	9	9	4	8
MISSISSIPPI	15	17	17	15	16
MONTANA	10	9	8	9	9
NEBRASKA	1	0	0	0	0
NEVADA	0	0	0	0	0
NEW MEXICO	47	44	42	43	44
NEW YORK	0	0	0	0	0
N DAKOTA	14	13	11	12	13
OHIO	6	5	4	4	5
OKLAHOMA	109	96	88	75	92
OREGON	1	1	1	1	1
PENNSYLVANIA	12	12	11	14	12
S DAKOTA	0	0	0	0	0
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	11	11	12	11	11
TEXAS-INL WATER	0	0	0	0	0
DISTRICT 1	12	15	14	16	14
DISTRICT 2	32	34	34	34	34
DISTRICT 3	44	41	43	45	43
DISTRICT 4	64	63	66	63	64
DISTRICT 5	22	19	23	22	22
DISTRICT 6	41	39	37	34	38
DISTRICT 7B	6	5	7	8	7
DISTRICT 7C	36	36	34	26	33
DISTRICT 8	55	52	52	50	52
DISTRICT 8A	16	18	17	14	16
DISTRICT 9	8	7	10	11	9
DISTRICT 10	30	28	28	23	27
TOTAL TEXAS	377	368	377	367	370
UTAH	14	17	14	14	15
VIRGINIA	0	0	0	0	0
WASHINGTON	0	0	0	0	0
W VIRGINIA	9	9	9	9	9
WYOMING	30	32	39	36	34
TOTAL UNITED STATES	957	942	937	890	932
CANADA-LAND	478	436	396	239	387
CANADA-OFFSHORE	3	3	3	3	3
GRAND TOTAL	1438	1381	1336	1132	1322

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES CHRISTENSEN
ROTARY RIGS RUNNING - BY STATE
FEBRUARY 1998

	<u>FEB 6</u>	<u>FEB 13</u>	<u>FEB 20</u>	<u>FEB 27</u>	<u>FEB AVG</u>
ALABAMA-LAND	0	0	1	2	1
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	5	5	5	5	5
TOTAL ALABAMA	5	5	6	7	6
ALASKA-LAND	9	12	11	13	11
ALASKA-OFFSHORE	0	0	0	0	0
TOTAL ALASKA	9	12	11	13	11
ARIZONA	0	0	0	0	0
ARKANSAS	9	6	9	7	8
CALIFORNIA-LAND	29	29	28	28	29
CALIFORNIA-OFFSHORE	1	2	2	2	2
TOTAL CALIFORNIA	30	31	30	30	30
COLORADO	17	14	16	17	16
FLORIDA-LAND	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	0	0	0	0	0
GEORGIA	0	0	0	0	0
HAWAII	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	0	0	0	0	0
INDIANA	0	0	0	0	0
KANSAS	22	22	19	17	20
KENTUCKY	2	2	2	2	2
N LOUISIANA-LAND	16	18	18	19	18
S LOUISIANA-INL WATER	22	22	27	25	24
S LOUISIANA-LAND	58	59	56	53	57
S LOUISIANA-OFFSHORE	112	117	120	119	117
TOTAL LOUISIANA	208	216	221	216	215
MICHIGAN	7	7	7	9	8
MISSISSIPPI	17	16	13	15	15
MONTANA	15	14	9	10	12
NEBRASKA	1	1	1	1	1
NEVADA	0	0	0	0	0
NEW MEXICO	50	48	49	49	49
NEW YORK	1	1	1	0	1
N DAKOTA	16	15	16	10	14
OHIO	7	7	6	6	7
OKLAHOMA	99	96	97	101	98
OREGON	1	1	1	1	1
PENNSYLVANIA	14	14	14	14	14
S DAKOTA	0	0	0	0	0
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	16	15	15	13	15
TEXAS-INL WATER	0	0	0	0	0
DISTRICT 1	16	15	14	14	15
DISTRICT 2	29	33	32	32	32
DISTRICT 3	51	48	47	46	48
DISTRICT 4	54	57	62	62	59
DISTRICT 5	29	21	24	24	25
DISTRICT 6	38	40	45	39	41
DISTRICT 7B	4	5	7	6	6
DISTRICT 7C	31	29	33	33	32
DISTRICT 8	53	58	61	61	58
DISTRICT 8A	19	15	17	16	17
DISTRICT 9	9	8	8	8	8
DISTRICT 10	26	29	31	28	29
TOTAL TEXAS	375	373	396	382	382
UTAH	16	16	13	12	14
VIRGINIA	0	0	0	0	0
WASHINGTON	0	0	0	0	0
W VIRGINIA	9	10	9	9	9
WYOMING	44	45	43	32	41
TOTAL UNITED STATES	974	972	989	960	974
CANADA-LAND	501	508	509	498	504
CANADA-OFFSHORE	3	3	3	3	3
GRAND TOTAL	1478	1483	1501	1461	1481

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES CHRISTENSEN
ROTARY RIGS RUNNING - BY STATE
JANUARY 1998

	<u>JAN 2</u>	<u>JAN 9</u>	<u>JAN 16</u>	<u>JAN 23</u>	<u>JAN 30</u>	<u>JAN AVG</u>
ALABAMA-LAND	2	1	0	0	0	1
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	2	3	5	5	5	4
TOTAL ALABAMA	<u>4</u>	<u>4</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>
ALASKA-LAND	11	10	11	12	12	11
ALASKA-OFFSHORE	1	1	0	0	0	0
TOTAL ALASKA	<u>12</u>	<u>11</u>	<u>11</u>	<u>12</u>	<u>12</u>	<u>12</u>
ARIZONA	0	0	0	0	0	0
ARKANSAS	17	14	13	12	9	13
CALIFORNIA-LAND	27	29	28	28	29	28
CALIFORNIA-OFFSHORE	2	2	2	1	1	2
TOTAL CALIFORNIA	<u>29</u>	<u>31</u>	<u>30</u>	<u>29</u>	<u>30</u>	<u>30</u>
COLORADO	17	19	17	17	19	18
FLORIDA-LAND	0	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0	0
TOTAL FLORIDA	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
GEORGIA	0	0	0	0	0	0
HAWAII	0	0	0	0	0	0
IDAHO	0	0	0	0	0	0
ILLINOIS	0	0	0	0	0	0
INDIANA	0	0	0	0	0	0
KANSAS	23	23	27	21	22	23
KENTUCKY	5	5	5	5	5	5
N LOUISIANA-LAND	16	22	22	22	21	21
S LOUISIANA-INL WATER	23	22	23	25	25	24
S LOUISIANA-LAND	61	61	50	59	57	56
S LOUISIANA-OFFSHORE	115	124	114	115	114	116
TOTAL LOUISIANA	<u>215</u>	<u>219</u>	<u>209</u>	<u>221</u>	<u>217</u>	<u>216</u>
MICHIGAN	7	7	7	7	7	7
MISSISSIPPI	16	13	16	16	15	15
MONTANA	12	13	14	16	16	14
NEBRASKA	1	1	1	1	1	1
NEVADA	0	0	0	0	0	0
NEW MEXICO	62	55	53	54	49	55
NEW YORK	1	2	2	2	2	2
N DAKOTA	20	21	19	19	19	20
OHIO	14	12	12	12	12	12
OKLAHOMA	86	85	92	91	82	87
OREGON	1	1	1	1	1	1
PENNSYLVANIA	10	11	11	11	11	11
S DAKOTA	0	0	0	0	0	0
TENNESSEE	1	1	1	1	1	1
TEXAS-OFFSHORE	9	9	11	11	14	11
TEXAS-INL WATER	0	0	0	0	0	0
DISTRICT 1	19	21	19	20	13	18
DISTRICT 2	20	20	19	17	29	21
DISTRICT 3	46	40	42	48	47	45
DISTRICT 4	55	59	60	60	56	58
DISTRICT 5	34	31	31	29	28	31
DISTRICT 6	41	42	40	41	38	40
DISTRICT 7B	6	5	5	5	5	5
DISTRICT 7C	31	30	28	29	33	30
DISTRICT 8	57	53	54	53	50	53
DISTRICT 8A	17	19	19	19	19	19
DISTRICT 9	9	7	7	8	10	8
DISTRICT 10	25	25	22	19	26	23
TOTAL TEXAS	<u>369</u>	<u>361</u>	<u>357</u>	<u>359</u>	<u>368</u>	<u>363</u>
UTAH	16	17	17	17	15	16
VIRGINIA	4	4	4	4	4	4
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	15	15	16	16	16	16
WYOMING	46	45	49	47	49	47
TOTAL UNITED STATES	<u>1003</u>	<u>990</u>	<u>989</u>	<u>996</u>	<u>987</u>	<u>993</u>
CANADA-LAND	365	506	503	509	506	478
CANADA-OFFSHORE	3	3	3	3	3	3
GRAND TOTAL	<u>1371</u>	<u>1499</u>	<u>1495</u>	<u>1508</u>	<u>1496</u>	<u>1474</u>

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.