

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
DECEMBER 1990

	DEC 3	DEC 10	DEC 17	DEC 24	DEC 31	DEC AVG
ALABAMA-LAND	30	27	21	17	18	23
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	2	4	4	4	4	4
TOTAL ALABAMA	32	31	25	21	22	26
ALASKA-LAND	11	13	13	13	13	13
ALASKA-OFFSHORE	1	1	1	0	0	1
TOTAL ALASKA	12	14	14	13	13	13
ARIZONA	0	0	0	0	0	0
ARKANSAS	14	14	10	14	12	13
CALIFORNIA-LAND	55	54	54	49	43	51
CALIFORNIA-OFFSHORE	2	3	3	4	4	3
TOTAL CALIFORNIA	57	57	57	53	47	54
COLORADO	43	41	32	31	29	35
FLORIDA-LAND	0	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1	1
TOTAL FLORIDA	1	1	1	1	1	1
HAWAII	2	1	1	1	1	1
IDAHO	0	0	0	0	0	0
ILLINOIS	4	4	4	4	4	4
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	52	60	60	57	60	58
KENTUCKY	6	10	8	8	8	8
N LOUISIANA-LAND	21	18	14	16	15	17
S LOUISIANA-INL WATER	26	30	30	28	28	28
S LOUISIANA-LAND	34	32	33	28	33	32
S LOUISIANA-OFFSHORE	77	71	77	72	72	74
TOTAL LOUISIANA	158	151	154	144	148	151
MARYLAND	0	0	0	0	0	0
MICHIGAN	10	10	12	12	14	12
MISSISSIPPI	9	11	11	12	12	11
MISSOURI	0	0	0	0	0	0
MONTANA	7	7	8	7	9	8
NEBRASKA	3	2	3	3	3	3
NEVADA	1	1	1	1	1	1
NEW MEXICO	68	65	74	79	74	72
NEW YORK	1	1	3	4	4	3
N DAKOTA	23	21	25	21	19	22
OHIO	10	12	9	10	10	10
OKLAHOMA	153	147	136	123	128	137
OREGON	0	0	0	0	0	0
PENNSYLVANIA	20	20	15	12	11	16
S DAKOTA	0	1	1	2	2	1
TENNESSEE	0	0	0	0	0	0
TEXAS-OFFSHORE	21	19	16	16	18	18
TEXAS-INL WATER	1	1	1	1	1	1
DISTRICT 1	88	87	78	74	73	80
DISTRICT 2	11	17	25	24	24	20
DISTRICT 3	44	48	53	51	51	49
DISTRICT 4	42	37	38	31	37	37
DISTRICT 5	11	12	11	10	10	11
DISTRICT 6	30	38	34	29	23	31
DISTRICT 7B	11	11	14	13	9	12
DISTRICT 7C	27	30	28	25	22	26
DISTRICT 8	58	60	54	53	53	56
DISTRICT 8A	47	45	45	42	43	44
DISTRICT 9	16	14	14	11	14	14
DISTRICT 10	11	13	14	14	13	13
TOTAL TEXAS	418	432	425	394	391	412
UTAH	7	7	7	8	8	7
VIRGINIA	2	1	1	1	1	1
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	23	21	19	18	18	20
WYOMING	39	36	35	35	36	36
TOTAL UNITED STATES	1175	1179	1151	1089	1086	1136
CANADA-LAND	189	187	205	215	147	189
CANADA-OFFSHORE	0	0	0	0	0	0
GRAND TOTAL	1364	1366	1356	1304	1233	1325

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
NOVEMBER 1990

11/2 11/16 11/23
NOV 5 NOV 19 NOV 26 NOV AVG

ALABAMA-LAND	34	34	36	28	33
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	2	2	2	2	2
TOTAL ALABAMA	36	36	38	30	35
ALASKA-LAND	10	13	11	11	11
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	11	14	12	12	12
ARIZONA	1	0	0	0	0
ARKANSAS	18	17	14	16	16
CALIFORNIA-LAND	49	47	47	55	50
CALIFORNIA-OFFSHORE	2	2	2	3	2
TOTAL CALIFORNIA	51	49	49	58	52
COLORADO	45	43	39	45	43
FLORIDA-LAND	1	1	1	0	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	2	2	2	1	2
HAWAII	2	2	2	2	2
IDAHO	0	0	0	0	0
ILLINOIS	4	4	4	4	4
INDIANA	0	0	0	0	0
IOWA	1	1	0	0	1
KANSAS	45	44	48	53	48
KENTUCKY	5	6	9	9	7
N LOUISIANA-LAND	25	23	22	20	23
S LOUISIANA-INL WATER	24	24	25	29	26
S LOUISIANA-LAND	33	37	35	39	36
S LOUISIANA-OFFSHORE	74	80	74	79	77
TOTAL LOUISIANA	156	164	156	167	161
MARYLAND	0	0	0	0	0
MICHIGAN	9	10	7	8	9
MISSISSIPPI	11	11	11	8	10
MISSOURI	0	0	0	0	0
MONTANA	11	10	8	9	10
NEBRASKA	3	3	3	2	3
NEVADA	3	3	2	1	2
NEW MEXICO	69	68	65	68	68
NEW YORK	0	1	1	1	1
N DAKOTA	15	16	21	22	19
OHIO	10	9	10	9	10
OKLAHOMA	143	127	124	140	134
OREGON	0	0	0	0	0
PENNSYLVANIA	21	13	14	14	16
S DAKOTA	0	0	0	0	0
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	23	23	24	21	23
TEXAS-INL WATER	2	2	2	1	2
DISTRICT 1	82	86	81	90	85
DISTRICT 2	12	12	12	13	12
DISTRICT 3	36	33	33	43	36
DISTRICT 4	41	40	40	42	41
DISTRICT 5	13	9	10	9	10
DISTRICT 6	38	39	33	38	37
DISTRICT 7B	6	6	9	10	8
DISTRICT 7C	28	26	29	28	28
DISTRICT 8	56	57	56	60	57
DISTRICT 8A	33	38	43	42	39
DISTRICT 9	19	19	20	16	19
DISTRICT 10	9	11	11	13	11
TOTAL TEXAS	398	401	403	426	407
UTAH	5	5	5	6	5
VIRGINIA	2	2	2	2	2
WASHINGTON	0	0	0	0	0
W VIRGINIA	19	20	21	21	20
WYOMING	48	43	33	41	41
TOTAL UNITED STATES	1144	1124	1103	1175	1137
CANADA-LAND	147	153	173	186	165
CANADA-OFFSHORE	0	0	0	0	0
GRAND TOTAL	1291	1277	1276	1361	1301

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
OCTOBER 1990

9/26 10/8 10/12 10/19 10/20
OCT 1 OCT 8 OCT 15 OCT 22 OCT 29 OCT AVG

ALABAMA-LAND	34	31	27	27	29	30
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	4	2	2	2	2	2
TOTAL ALABAMA	38	33	29	29	31	32
ALASKA-LAND	9	9	10	9	9	9
ALASKA-OFFSHORE	3	3	3	3	2	3
TOTAL ALASKA	12	12	13	12	11	12
ARIZONA	0	0	0	1	1	0
ARKANSAS	13	15	17	18	16	16
CALIFORNIA-LAND	55	54	49	47	49	51
CALIFORNIA-OFFSHORE	4	3	2	3	3	3
TOTAL CALIFORNIA	59	57	51	50	52	54
COLORADO	37	39	38	43	43	40
FLORIDA-LAND	1	1	1	2	1	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1	1
TOTAL FLORIDA	2	2	2	3	2	2
HAWAII	1	2	2	2	2	2
IDAHO	0	0	0	0	0	0
ILLINOIS	4	4	4	4	4	4
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	44	43	46	45	45	45
KENTUCKY	6	6	5	6	5	6
N LOUISIANA-LAND	12	15	15	17	23	16
S LOUISIANA-INL WATER	19	20	22	23	26	22
S LOUISIANA-LAND	36	33	39	36	35	36
S LOUISIANA-OFFSHORE	71	74	71	71	72	72
TOTAL LOUISIANA	138	142	147	147	156	146
MARYLAND	0	0	0	0	0	0
MICHIGAN	11	12	10	9	9	10
MISSISSIPPI	7	12	11	9	9	10
MISSOURI	0	0	0	0	0	0
MONTANA	8	10	10	9	10	9
NEBRASKA	2	3	3	4	3	3
NEVADA	1	1	1	1	3	1
NEW MEXICO	58	61	63	72	72	65
NEW YORK	1	0	0	0	0	0
N DAKOTA	21	21	18	12	13	17
OHIO	13	12	12	12	12	12
OKLAHOMA	124	130	128	137	141	132
OREGON	0	0	0	0	0	0
PENNSYLVANIA	20	21	22	22	23	22
S DAKOTA	0	0	0	0	0	0
TENNESSEE	0	0	0	0	0	0
TEXAS-OFFSHORE	17	17	19	18	21	18
TEXAS-INL WATER	2	2	2	2	2	2
DISTRICT 1	70	73	76	77	75	74
DISTRICT 2	10	7	8	9	10	9
DISTRICT 3	33	33	34	35	35	34
DISTRICT 4	49	44	38	39	35	41
DISTRICT 5	16	16	15	12	10	14
DISTRICT 6	32	30	28	34	35	32
DISTRICT 7B	12	13	12	9	9	11
DISTRICT 7C	19	20	22	26	29	23
DISTRICT 8	48	55	59	58	54	55
DISTRICT 8A	22	25	20	28	32	25
DISTRICT 9	15	15	18	18	20	17
DISTRICT 10	11	10	6	9	8	9
TOTAL TEXAS	356	360	357	374	375	364
UTAH	9	9	6	5	5	7
VIRGINIA	4	4	3	3	2	3
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	17	17	19	20	18	18
WYOMING	41	36	39	40	44	40
TOTAL UNITED STATES	1047	1064	1056	1069	1107	1073
CANADA-LAND	102	113	131	159	143	130
CANADA-OFFSHORE	0	0	0	0	0	0
GRAND TOTAL	1149	1177	1187	1248	1250	1202

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE

SEPTEMBER 1990

SEP 3 SEP 10 SEP 17 SEP 24 SEP AVG

ALABAMA-LAND	31	32	31	31	31
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	4	4	4	4	4
TOTAL ALABAMA	35	36	35	35	35
ALASKA-LAND	8	8	10	9	9
ALASKA-OFFSHORE	3	3	3	3	3
TOTAL ALASKA	11	11	13	12	12
ARIZONA	0	0	0	0	0
ARKANSAS	12	15	14	15	14
CALIFORNIA-LAND	54	43	56	56	52
CALIFORNIA-OFFSHORE	5	4	4	4	4
TOTAL CALIFORNIA	59	47	60	60	57
COLORADO	28	32	36	35	33
FLORIDA-LAND	1	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	2	2	2	2	2
HAWAII	1	1	1	1	1
IDAHO	0	0	0	0	0
ILLINOIS	4	4	4	4	4
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	44	45	42	43	44
KENTUCKY	8	7	7	6	7
N LOUISIANA-LAND	19	22	20	16	19
S LOUISIANA-INL WATER	18	19	16	18	18
S LOUISIANA-LAND	31	29	34	34	32
S LOUISIANA-OFFSHORE	75	76	76	73	75
TOTAL LOUISIANA	143	146	146	141	144
MARYLAND	0	0	0	0	0
MICHIGAN	8	10	9	9	9
MISSISSIPPI	14	14	13	13	14
MISSOURI	0	0	0	0	0
MONTANA	8	7	6	5	7
NEBRASKA	3	3	1	2	2
NEVADA	0	2	2	1	1
NEW MEXICO	43	48	65	65	55
NEW YORK	2	3	2	2	2
N DAKOTA	22	22	19	18	20
OHIO	13	14	12	15	14
OKLAHOMA	120	122	124	124	123
OREGON	0	0	0	0	0
PENNSYLVANIA	22	22	19	20	21
S DAKOTA	1	0	0	0	0
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	21	21	21	17	20
TEXAS-INL WATER	2	2	2	2	2
DISTRICT 1	69	73	73	70	71
DISTRICT 2	10	11	11	12	11
DISTRICT 3	36	37	39	33	36
DISTRICT 4	47	48	45	50	48
DISTRICT 5	12	13	13	17	14
DISTRICT 6	32	25	23	30	28
DISTRICT 7B	10	10	12	12	11
DISTRICT 7C	16	20	19	20	19
DISTRICT 8	29	39	41	44	38
DISTRICT 8A	27	25	24	20	24
DISTRICT 9	14	16	16	16	16
DISTRICT 10	13	9	10	11	11
TOTAL TEXAS	338	349	349	354	348
UTAH	10	11	10	8	10
VIRGINIA	2	3	4	4	3
WASHINGTON	0	0	0	0	0
W VIRGINIA	11	13	15	14	13
WYOMING	48	50	50	47	49
TOTAL UNITED STATES	1012	1039	1060	1055	1042
CANADA-LAND	104	97	117	112	108
CANADA-OFFSHORE	0	0	0	0	0
GRAND TOTAL	1116	1136	1177	1167	1149

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE

AUGUST 1980
8/20 8/10 8/17 8/24
AUG 6 AUG 13 AUG 20 AUG 27 AUG AVG

ALABAMA-LAND	28	37	34	34	33
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	4	4	4	4	4
TOTAL ALABAMA	32	41	38	38	37
ALASKA-LAND	8	9	9	8	9
ALASKA-OFFSHORE	3	3	3	2	3
TOTAL ALASKA	11	12	12	10	11
ARIZONA	0	0	0	0	0
ARKANSAS	18	14	12	11	14
CALIFORNIA-LAND	45	52	52	49	50
CALIFORNIA-OFFSHORE	5	4	4	5	5
TOTAL CALIFORNIA	50	56	56	54	54
COLORADO	34	34	29	24	30
FLORIDA-LAND	1	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	2	1	1	1	1
HAWAII	1	1	1	1	1
IDaho	0	0	0	0	0
ILLINOIS	4	4	4	4	4
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	42	42	44	37	41
KENTUCKY	11	8	8	8	9
N LOUISIANA-LAND	16	21	18	19	19
S LOUISIANA-INL WATER	23	21	24	23	23
S LOUISIANA-LAND	33	32	34	31	33
S LOUISIANA-OFFSHORE	75	76	76	78	76
TOTAL LOUISIANA	147	150	152	151	150
MARYLAND	0	0	0	0	0
MICHIGAN	9	7	9	8	8
MISSISSIPPI	13	13	17	17	15
MISSOURI	0	0	0	0	0
MONTANA	5	5	7	6	6
NEBRASKA	1	3	3	3	3
NEVADA	1	1	1	1	1
NEW MEXICO	41	41	33	43	40
NEW YORK	2	2	2	2	2
N DAKOTA	22	19	16	24	21
OHIO	14	12	9	10	11
OKLAHOMA	124	124	120	126	124
OREGON	0	0	0	0	0
PENNSYLVANIA	11	14	16	21	16
S DAKOTA	0	1	1	1	1
TENNESSEE	0	1	1	0	1
TEXAS-OFFSHORE	15	18	20	21	19
TEXAS-INL WATER	2	1	1	1	1
DISTRICT 1	58	66	66	69	65
DISTRICT 2	10	7	9	9	9
DISTRICT 3	38	38	37	37	38
DISTRICT 4	44	43	41	48	44
DISTRICT 5	12	10	11	9	11
DISTRICT 6	27	32	31	32	31
DISTRICT 7B	10	10	9	9	10
DISTRICT 7C	15	18	19	18	18
DISTRICT 8	27	25	30	27	27
DISTRICT 8A	23	27	30	31	28
DISTRICT 9	12	12	10	12	12
DISTRICT 10	13	13	13	13	13
TOTAL TEXAS	306	320	327	336	322
UTAH	5	8	8	8	7
VIRGINIA	2	2	2	2	2
WASHINGTON	0	0	0	0	0
W VIRGINIA	12	11	12	12	12
WYOMING	48	45	44	43	45
TOTAL UNITED STATES	966	992	987	1002	987
CANADA-LAND	117	106	114	118	114
CANADA-OFFSHORE	0	0	0	0	0
GRAND TOTAL	1083	1098	1101	1120	1101
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NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

	JUL 2	JUL 9	JUL 16	JUL 23	JUL 30	JUL AVG
ALABAMA-LAND	35	27	28	28	26	29
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	4	4	4	4	4	4
TOTAL ALABAMA	39	31	32	32	30	33
ALASKA-LAND	9	9	8	8	7	8
ALASKA-OFFSHORE	1	1	1	3	3	2
TOTAL ALASKA	10	10	9	11	10	10
ARIZONA	0	0	0	0	0	0
ARKANSAS	9	10	13	10	10	10
CALIFORNIA-LAND	53	52	47	45	47	49
CALIFORNIA-OFFSHORE	5	5	5	5	5	5
TOTAL CALIFORNIA	58	57	52	50	52	54
COLORADO	28	31	26	31	36	30
FLORIDA-LAND	0	0	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1	1
TOTAL FLORIDA	1	1	2	2	2	2
HAWAII	1	1	1	1	1	1
IDAHO	0	0	0	0	0	0
ILLINOIS	4	4	4	4	4	4
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	51	50	45	45	42	47
KENTUCKY	8	9	9	10	11	9
N LOUISIANA-LAND	22	17	22	19	14	19
S LOUISIANA-INL WATER	22	22	21	19	20	21
S LOUISIANA-LAND	39	38	32	32	30	34
S LOUISIANA-OFFSHORE	78	76	79	80	76	78
TOTAL LOUISIANA	161	153	154	150	140	152
MARYLAND	0	0	0	0	0	0
MICHIGAN	15	12	11	12	15	13
MISSISSIPPI	15	15	14	14	16	15
MISSOURI	0	0	0	0	0	0
MONTANA	5	4	6	6	6	5
NEBRASKA	4	2	4	2	3	3
NEVADA	4	4	4	4	3	4
NEW MEXICO	51	56	55	49	48	52
NEW YORK	0	1	2	2	3	2
N DAKOTA	19	17	22	21	20	20
OHIO	11	10	10	13	14	12
OKLAHOMA	127	125	132	143	134	132
OREGON	0	0	0	0	0	0
PENNSYLVANIA	20	18	15	18	15	17
S DAKOTA	0	0	0	0	0	0
TENNESSEE	0	0	0	0	0	0
TEXAS-OFFSHORE	18	19	18	19	16	18
TEXAS-INL WATER	1	1	1	1	1	1
DISTRICT 1	59	69	67	67	69	66
DISTRICT 2	7	9	9	10	11	9
DISTRICT 3	29	30	29	33	39	32
DISTRICT 4	41	43	43	45	44	43
DISTRICT 5	11	11	11	12	11	11
DISTRICT 6	37	33	32	28	31	32
DISTRICT 7B	7	11	10	12	11	10
DISTRICT 7C	22	18	12	11	11	15
DISTRICT 8	40	36	39	36	34	37
DISTRICT 8A	27	26	25	23	19	24
DISTRICT 9	16	15	14	14	15	15
DISTRICT 10	7	7	9	11	10	9
TOTAL TEXAS	322	328	319	322	322	323
UTAH	4	3	3	6	6	4
VIRGINIA	2	2	2	1	1	2
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	15	18	17	19	15	17
WYOMING	36	39	38	44	37	39
TOTAL UNITED STATES	1020	1011	1001	1022	996	1010
CANADA-LAND	131	126	104	103	122	117
CANADA-OFFSHORE	0	0	0	0	0	0
GRAND TOTAL	1151	1137	1105	1125	1118	1127

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE

4/11 JUNE 1992 6/15 6/12
JUN 4 JUN 11 JUN 18 JUN 25 JUN AVG

ALABAMA-LAND	17	24	31	29	25
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	4	4	4	4	4
TOTAL ALABAMA	21	28	35	33	29
ALASKA-LAND	8	7	7	9	8
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	9	8	8	10	9
ARIZONA	0	0	0	0	0
ARKANSAS	8	8	5	6	7
CALIFORNIA-LAND	56	54	54	43	52
CALIFORNIA-OFFSHORE	4	4	4	4	4
TOTAL CALIFORNIA	60	58	58	47	56
COLORADO	26	28	31	31	29
FLORIDA-LAND	1	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	2	2	2	2	2
HAWAII	1	1	1	1	1
IDAHO	0	0	0	0	0
ILLINOIS	4	4	4	4	4
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	50	48	47	48	48
KENTUCKY	11	13	12	8	11
N LOUISIANA-LAND	19	16	19	24	20
S LOUISIANA-INL WATER	19	17	17	21	19
S LOUISIANA-LAND	41	35	31	36	36
S LOUISIANA-OFFSHORE	79	81	83	85	82
TOTAL LOUISIANA	158	149	150	166	156
MARYLAND	0	0	0	0	0
MICHIGAN	15	14	14	16	15
MISSISSIPPI	12	11	11	15	12
MISSOURI	0	0	0	0	0
MONTANA	2	3	5	4	4
NEBRASKA	3	3	3	5	4
NEVADA	3	2	4	4	3
NEW MEXICO	47	47	51	51	49
NEW YORK	0	1	1	0	1
N DAKOTA	22	22	22	22	22
OHIO	11	11	7	11	10
OKLAHOMA	109	125	132	127	123
OREGON	0	0	0	0	0
PENNSYLVANIA	10	10	15	18	13
S DAKOTA	0	1	1	1	1
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	22	22	21	20	21
TEXAS-INL WATER	0	1	1	1	1
DISTRICT 1	61	64	61	60	62
DISTRICT 2	10	8	8	8	9
DISTRICT 3	30	31	28	28	29
DISTRICT 4	45	44	40	46	44
DISTRICT 5	14	14	10	11	12
DISTRICT 6	40	33	30	36	35
DISTRICT 7B	8	7	9	10	9
DISTRICT 7C	26	23	22	24	24
DISTRICT 8	40	41	39	38	40
DISTRICT 8A	28	29	28	31	29
DISTRICT 9	12	14	16	14	14
DISTRICT 10	9	9	9	6	8
TOTAL TEXAS	345	340	323	333	335
UTAH	3	2	3	3	3
VIRGINIA	2	2	2	1	2
WASHINGTON	0	0	0	0	0
W VIRGINIA	12	12	17	17	15
WYOMING	37	38	35	37	37
TOTAL UNITED STATES	983	991	999	1021	999
CANADA-LAND	68	93	103	94	90
CANADA-OFFSHORE	1	1	1	0	1
GRAND TOTAL	1052	1085	1103	1115	1089

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE

	5/4 MAY 7	5/11 MAY 14	5/18 MAY 21	5/25 MAY 28	AVG
ALABAMA-LAND	17	19	19	22	19
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	4	4	4	4	4
TOTAL ALABAMA	21	23	23	26	23
ALASKA-LAND	8	8	7	8	8
ALASKA-OFFSHORE	2	2	1	1	2
TOTAL ALASKA	10	10	8	9	9
ARIZONA	0	0	0	0	0
ARKANSAS	8	9	6	7	8
CALIFORNIA-LAND	41	40	56	55	48
CALIFORNIA-OFFSHORE	4	4	4	3	4
TOTAL CALIFORNIA	45	44	60	58	52
COLORADO	21	22	20	29	23
FLORIDA-LAND	0	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	1	2	2	2	2
HAWAII	2	2	2	2	2
IDAHO	0	0	0	0	0
ILLINOIS	4	4	4	4	4
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	52	49	53	50	51
KENTUCKY	8	9	11	12	10
N LOUISIANA-LAND	13	16	17	19	16
S LOUISIANA-INL WATER	23	18	21	22	21
S LOUISIANA-LAND	37	37	39	44	39
S LOUISIANA-OFFSHORE	81	78	81	80	80
TOTAL LOUISIANA	154	149	158	165	157
MARYLAND	0	0	0	0	0
MICHIGAN	12	14	13	15	14
MISSISSIPPI	12	13	13	12	13
MISSOURI	0	0	0	0	0
MONTANA	5	4	5	2	4
NEBRASKA	1	1	1	1	1
NEVADA	2	3	3	3	3
NEW MEXICO	43	47	47	50	47
NEW YORK	0	1	0	0	0
N DAKOTA	19	19	19	25	21
OHIO	6	8	9	10	8
OKLAHOMA	112	108	117	117	114
OREGON	0	0	0	0	0
PENNSYLVANIA	6	8	9	10	8
S DAKOTA	0	0	0	0	0
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	30	32	27	28	29
TEXAS-INL WATER	0	0	0	0	0
DISTRICT 1	52	54	58	59	56
DISTRICT 2	8	7	9	8	8
DISTRICT 3	39	37	36	31	36
DISTRICT 4	42	39	38	40	40
DISTRICT 5	15	14	13	13	14
DISTRICT 6	30	30	37	39	34
DISTRICT 7B	7	8	6	9	8
DISTRICT 7C	30	29	29	28	29
DISTRICT 8	41	45	39	39	41
DISTRICT 8A	27	29	29	29	29
DISTRICT 9	7	7	7	11	8
DISTRICT 10	9	9	9	10	9
TOTAL TEXAS	337	340	337	342	339
UTAH	7	4	3	3	4
VIRGINIA	3	2	1	1	2
WASHINGTON	0	0	0	0	0
W VIRGINIA	15	17	13	12	14
WYOMING	24	29	35	34	31
TOTAL UNITED STATES	930	941	972	1001	981
CANADA-LAND	55	63	77	64	65
CANADA-OFFSHORE	0	1	1	1	1
GRAND TOTAL	985	1005	1050	1066	1027

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE

	APR 2	APR 9	APR 16	APR 23	APR 30	APR AVG
ALABAMA-LAND	16	20	19	20	18	19
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	2	2	2	2	3	2
TOTAL ALABAMA	18	22	21	22	21	21
ALASKA-LAND	11	12	11	10	8	10
ALASKA-OFFSHORE	4	4	3	3	3	3
TOTAL ALASKA	15	16	14	13	11	14
ARIZONA	0	0	0	0	0	0
ARKANSAS	8	10	10	14	14	11
CALIFORNIA-LAND	33	34	41	36	39	37
CALIFORNIA-OFFSHORE	3	3	3	3	3	3
TOTAL CALIFORNIA	36	37	44	39	42	40
COLORADO	27	18	22	23	20	22
FLORIDA-LAND	2	1	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1	1
TOTAL FLORIDA	3	2	2	2	2	2
HAWAII	2	2	2	2	2	2
IDAHO	0	0	0	0	0	0
ILLINOIS	4	4	4	4	4	4
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	51	51	53	53	53	52
KENTUCKY	6	6	6	7	7	6
N LOUISIANA-LAND	18	16	14	16	16	16
S LOUISIANA-INL WATER	16	15	15	19	18	17
S LOUISIANA-LAND	35	39	38	35	37	37
S LOUISIANA-OFFSHORE	81	81	78	72	75	77
TOTAL LOUISIANA	150	151	145	142	146	147
MARYLAND	0	0	0	0	0	0
MICHIGAN	12	12	11	10	10	11
MISSISSIPPI	11	10	10	11	11	11
MISSOURI	0	0	0	0	0	0
MONTANA	3	3	3	3	5	3
NEBRASKA	1	1	0	0	0	0
NEVADA	0	0	0	0	1	0
NEW MEXICO	36	38	48	48	45	43
NEW YORK	0	0	0	0	0	0
N DAKOTA	24	22	21	17	20	21
OHIO	15	12	9	6	5	9
OKLAHOMA	119	119	120	126	119	121
OREGON	0	0	0	0	0	0
PENNSYLVANIA	8	8	7	4	8	7
S DAKOTA	0	0	0	0	0	0
TENNESSEE	0	0	0	0	0	0
TEXAS-OFFSHORE	24	24	25	24	27	25
TEXAS-INL WATER	1	1	0	0	0	0
DISTRICT 1	49	48	51	47	48	49
DISTRICT 2	13	11	11	10	9	11
DISTRICT 3	36	36	34	34	39	36
DISTRICT 4	46	50	46	46	42	46
DISTRICT 5	13	14	12	16	15	14
DISTRICT 6	35	31	36	37	34	35
DISTRICT 7B	16	14	11	8	8	11
DISTRICT 7C	28	30	28	29	30	29
DISTRICT 8	46	40	41	41	35	41
DISTRICT 8A	21	20	20	28	31	24
DISTRICT 9	13	10	10	10	9	10
DISTRICT 10	7	10	9	10	9	9
TOTAL TEXAS	348	339	334	340	336	339
UTAH	3	4	3	4	5	4
VIRGINIA	2	1	2	4	4	3
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	15	20	19	16	14	17
WYOMING	29	29	24	22	22	25
TOTAL UNITED STATES	946	937	934	932	927	935
CANADA-LAND	134	92	61	50	52	78
CANADA-OFFSHORE	1	1	1	0	0	1
GRAND TOTAL	1081	1030	996	982	979	1014

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

ROTARY RIGS RUNNING - BY STATE

312 MARCH 1990 319 3110 3123
MAR 5 MAR 12 MAR 19 MAR 26 MAR AVG

ALABAMA-LAND	12	16	14	13	14
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	2	2	2	2	2
TOTAL ALABAMA	14	18	16	15	16
ALASKA-LAND	12	12	12	12	12
ALASKA-OFFSHORE	3	3	3	3	3
TOTAL ALASKA	15	15	15	15	15
ARIZONA	0	0	0	0	0
ARKANSAS	8	9	11	9	9
CALIFORNIA-LAND	34	29	34	32	32
CALIFORNIA-OFFSHORE	4	4	4	3	4
TOTAL CALIFORNIA	38	33	38	35	36
COLORADO	27	24	24	24	25
FLORIDA-LAND	2	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	3	2	2	2	2
HAWAII	2	2	2	2	2
IDAHO	0	0	0	0	0
ILLINOIS	4	4	4	4	4
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	39	36	42	43	40
KENTUCKY	7	7	7	7	7
N LOUISIANA-LAND	20	22	22	17	20
S LOUISIANA-INL WATER	17	18	15	12	16
S LOUISIANA-LAND	37	38	36	39	38
S LOUISIANA-OFFSHORE	75	71	74	70	73
TOTAL LOUISIANA	149	149	147	138	146
MARYLAND	0	0	0	0	0
MICHIGAN	14	15	15	15	15
MISSISSIPPI	12	15	13	11	13
MISSOURI	0	0	0	0	0
MONTANA	2	3	3	3	3
NEBRASKA	2	2	1	1	2
NEVADA	0	0	1	1	1
NEW MEXICO	37	32	31	33	33
NEW YORK	2	2	2	1	2
N DAKOTA	22	21	22	20	21
OHIO	17	17	16	13	16
OKLAHOMA	101	107	98	106	103
OREGON	0	0	0	0	0
PENNSYLVANIA	17	19	18	18	18
S DAKOTA	0	0	0	0	0
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	23	24	29	24	25
TEXAS-INL WATER	0	1	1	1	1
DISTRICT 1	40	44	47	48	45
DISTRICT 2	6	7	6	11	8
DISTRICT 3	40	42	37	36	39
DISTRICT 4	40	44	46	46	44
DISTRICT 5	14	14	15	13	14
DISTRICT 6	41	39	35	36	38
DISTRICT 7B	12	14	14	15	14
DISTRICT 7C	23	28	23	19	23
DISTRICT 8	40	43	36	43	41
DISTRICT 8A	21	22	20	18	20
DISTRICT 9	11	14	14	12	13
DISTRICT 10	9	14	12	11	12
TOTAL TEXAS	320	350	335	333	335
UTAH	3	4	4	4	4
VIRGINIA	3	3	2	2	3
WASHINGTON	0	0	0	0	0
W VIRGINIA	11	13	15	15	14
WYOMING	25	21	26	23	24
TOTAL UNITED STATES	894	923	908	893	905
CANADA-LAND	228	227	226	189	218
CANADA-OFFSHORE	1	1	1	1	1
GRAND TOTAL	1123	1151	1135	1083	1123

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
 ROTARY RIGS RUNNING - BY STATE
 FEBRUARY 1969

FEB 5' FEB 12' FEB 19' FEB 26' FEB AVG

ALABAMA-LAND	11	11	8	8	10
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	3	2	2	2	2
TOTAL ALABAMA	14	13	10	10	12
ALASKA-LAND	9	10	11	8	10
ALASKA-OFFSHORE	3	3	3	3	3
TOTAL ALASKA	12	13	14	11	13
ARIZONA	0	0	0	0	0
ARKANSAS	7	7	11	6	8
CALIFORNIA-LAND	36	34	34	34	35
CALIFORNIA-OFFSHORE	6	5	5	4	5
TOTAL CALIFORNIA	42	39	39	38	40
COLORADO	26	25	26	26	26
FLORIDA-LAND	3	3	2	2	3
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	4	4	3	3	4
HAWAII	1	2	2	2	2
IDAHO	0	0	0	0	0
ILLINOIS	4	4	4	4	4
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	43	37	37	44	40
KENTUCKY	7	7	7	7	7
N LOUISIANA-LAND	18	14	19	18	17
S LOUISIANA-INL WATER	19	16	18	17	18
S LOUISIANA-LAND	38	38	37	39	38
S LOUISIANA-OFFSHORE	68	69	73	74	71
TOTAL LOUISIANA	143	137	147	148	144
MARYLAND	0	0	0	0	0
MICHIGAN	17	17	13	13	15
MISSISSIPPI	15	13	14	14	14
MISSOURI	0	0	0	0	0
MONTANA	1	2	2	2	2
NEBRASKA	1	1	1	1	1
NEVADA	0	0	0	0	0
NEW MEXICO	38	37	35	35	36
NEW YORK	1	2	2	1	2
N DAKOTA	16	17	19	18	18
OHIO	18	14	17	17	17
OKLAHOMA	120	124	124	111	120
OREGON	0	0	0	0	0
PENNSYLVANIA	9	8	13	15	11
S DAKOTA	0	0	0	0	0
TENNESSEE	1	0	0	0	0
TEXAS-OFFSHORE	26	21	22	22	23
TEXAS-INL WATER	0	0	0	0	0
DISTRICT 1	38	38	44	43	41
DISTRICT 2	10	9	10	9	10
DISTRICT 3	34	34	36	36	35
DISTRICT 4	38	39	39	41	39
DISTRICT 5	19	20	22	18	20
DISTRICT 6	38	34	38	39	37
DISTRICT 7B	14	14	15	10	13
DISTRICT 7C	20	20	21	23	21
DISTRICT 8	42	42	42	42	42
DISTRICT 8A	21	22	19	21	21
DISTRICT 9	14	14	14	14	14
DISTRICT 10	13	13	14	10	13
TOTAL TEXAS	327	320	336	328	328
UTAH	4	3	3	3	3
VIRGINIA	3	4	4	4	4
WASHINGTON	0	0	0	0	0
W VIRGINIA	18	10	10	10	12
WYOMING	39	39	25	26	32
TOTAL UNITED STATES	931	899	918	897	911
CANADA-LAND	205	215	233	230	221
CANADA-OFFSHORE	0	0	0	0	0
GRAND TOTAL	1136	1114	1151	1127	1132

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
 ROTARY RIGS RUNNING - BY STATE
 JANUARY 1990

	JAN 2	JAN 8	JAN 15	JAN 22	JAN 29	JAN AVG
ALABAMA-LAND	12	12	8	7	11	10
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3	3
TOTAL ALABAMA	15	15	11	10	14	13
ALASKA-LAND	8	8	9	9	8	8
ALASKA-OFFSHORE	2	2	2	3	2	2
TOTAL ALASKA	10	10	11	12	10	11
ARIZONA	0	0	0	0	0	0
ARKANSAS	11	11	11	11	9	11
CALIFORNIA-LAND	39	39	35	35	34	36
CALIFORNIA-OFFSHORE	7	7	6	6	6	6
TOTAL CALIFORNIA	46	46	41	41	40	43
COLORADO	31	26	28	23	23	26
FLORIDA-LAND	1	1	2	2	3	2
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1	1
TOTAL FLORIDA	2	2	3	3	4	3
HAWAII	1	1	1	1	1	1
IDAHO	0	0	0	0	0	0
ILLINOIS	4	4	4	4	4	4
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	44	47	44	42	46	45
KENTUCKY	7	8	7	7	8	7
N LOUISIANA-LAND	26	22	17	21	18	21
S LOUISIANA-INL WATER	18	18	20	18	19	19
S LOUISIANA-LAND	50	40	39	39	36	41
S LOUISIANA-OFFSHORE	80	80	79	78	66	77
TOTAL LOUISIANA	174	160	155	156	139	157
MARYLAND	0	0	0	0	0	0
MICHIGAN	24	25	23	21	17	22
MISSISSIPPI	14	17	15	14	14	15
MISSOURI	0	0	0	0	0	0
MONTANA	7	5	2	3	3	4
NEBRASKA	2	2	2	2	2	2
NEVADA	0	0	0	0	0	0
NEW MEXICO	48	43	41	39	43	43
NEW YORK	0	0	0	1	1	0
N DAKOTA	22	21	18	16	18	19
OHIO	16	18	18	18	18	18
OKLAHOMA	134	144	145	133	121	135
OREGON	1	1	0	0	0	0
PENNSYLVANIA	13	15	18	17	15	16
S DAKOTA	1	1	1	1	1	1
TENNESSEE	3	3	3	2	1	2
TEXAS-OFFSHORE	24	25	26	24	22	24
TEXAS-INL WATER	0	0	0	0	0	0
DISTRICT 1	20	27	28	30	34	28
DISTRICT 2	15	11	11	9	11	11
DISTRICT 3	30	30	36	37	34	33
DISTRICT 4	47	45	44	41	38	43
DISTRICT 5	13	13	17	19	19	16
DISTRICT 6	43	40	44	34	34	39
DISTRICT 7B	14	16	15	15	16	15
DISTRICT 7C	23	25	23	22	20	23
DISTRICT 8	48	42	43	40	45	44
DISTRICT 8A	24	23	23	19	21	22
DISTRICT 9	21	20	19	20	20	20
DISTRICT 10	12	13	10	6	6	9
TOTAL TEXAS	334	330	339	316	320	328
UTAH	7	5	6	3	2	5
VIRGINIA	1	1	1	2	3	2
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	22	19	21	20	20	20
WYOMING	48	49	50	46	40	47
TOTAL UNITED STATES	1042	1029	1019	984	937	998
CANADA-LAND	101	123	150	190	205	154
CANADA-OFFSHORE	1	0	0	0	0	0
GRAND TOTAL	1144	1152	1169	1154	1142	1152

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.