

ROTARY RIGS RUNNING - BY STATE
DECEMBER 1989

	DEC 4	DEC 11	DEC 18	DEC 26	DEC AVG
ALABAMA-LAND	13	13	13	12	13
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3
TOTAL ALABAMA	16	16	16	15	16
ALASKA-LAND	8	8	8	8	8
ALASKA-OFFSHORE	4	4	2	2	3
TOTAL ALASKA	12	12	10	10	11
ARIZONA	0	0	0	0	0
ARKANSAS	18	13	11	11	13
CALIFORNIA-LAND	38	38	33	40	37
CALIFORNIA-OFFSHORE	5	6	6	6	6
TOTAL CALIFORNIA	43	44	39	46	43
COLORADO	36	29	30	32	32
FLORIDA-LAND	0	0	2	1	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	1	1	3	2	2
HAWAII	0	0	1	1	1
IDAHO	0	0	0	0	0
ILLINOIS	6	6	4	4	5
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	57	55	58	45	54
KENTUCKY	5	5	7	7	6
N LOUISIANA-LAND	18	22	25	24	22
S LOUISIANA-INL WATER	21	19	21	18	20
S LOUISIANA-LAND	40	46	45	50	45
S LOUISIANA-OFFSHORE	80	79	79	80	80
TOTAL LOUISIANA	159	166	170	172	167
MARYLAND	0	0	0	0	0
MICHIGAN	18	18	18	24	20
MISSISSIPPI	13	12	12	13	13
MISSOURI	0	0	0	0	0
MONTANA	4	4	7	7	6
NEBRASKA	1	3	3	2	2
NEVADA	1	1	1	0	1
NEW MEXICO	51	47	50	47	49
NEW YORK	0	0	0	0	0
N DAKOTA	18	20	22	22	21
OHIO	20	20	20	16	19
OKLAHOMA	147	149	147	146	147
OREGON	1	1	1	1	1
PENNSYLVANIA	16	16	16	13	15
S DAKOTA	1	1	1	1	1
TENNESSEE	1	1	2	3	2
TEXAS-OFFSHORE	23	25	23	23	24
TEXAS-INL WATER	0	0	0	0	0
DISTRICT 1	17	18	21	20	19
DISTRICT 2	15	14	16	17	16
DISTRICT 3	29	32	31	28	30
DISTRICT 4	40	45	45	48	45
DISTRICT 5	17	12	16	14	15
DISTRICT 6	55	49	53	47	51
DISTRICT 7B	14	14	10	13	13
DISTRICT 7C	25	20	26	22	23
DISTRICT 8	56	55	49	48	52
DISTRICT 8A	26	28	28	25	27
DISTRICT 9	13	18	21	22	19
DISTRICT 10	9	12	10	9	10
TOTAL TEXAS	339	342	349	336	342
UTAH	9	10	8	7	9
VIRGINIA	1	1	1	1	1
WASHINGTON	0	0	0	0	0
W VIRGINIA	16	16	17	22	18
WYOMING	52	49	55	55	53
TOTAL UNITED STATES	1062	1058	1079	1061	1065
CANADA-LAND	127	164	174	180	161
CANADA-OFFSHORE	1	1	1	1	1
GRAND TOTAL	1190	1223	1254	1242	1227

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
NOVEMBER 1989

	NOV 6	NOV 13	NOV 20	NOV 27	NOV AVG
ALABAMA-LAND	13	15	15	13	14
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3
TOTAL ALABAMA	16	18	18	16	17
ALASKA-LAND	7	8	8	7	8
ALASKA-OFFSHORE	5	5	5	5	5
TOTAL ALASKA	12	13	13	12	13
ARIZONA	0	0	0	0	0
ARKANSAS	17	18	18	20	18
CALIFORNIA-LAND	43	49	46	44	46
CALIFORNIA-OFFSHORE	5	6	6	5	6
TOTAL CALIFORNIA	48	55	52	49	51
COLORADO	41	41	38	41	40
FLORIDA-LAND	1	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	1	1	1	1
TOTAL FLORIDA	1	1	1	1	1
IDAHO	0	0	0	0	0
ILLINOIS	6	6	6	6	6
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	51	55	51	50	52
KENTUCKY	3	3	5	5	4
N LOUISIANA-LAND	18	19	17	20	19
S LOUISIANA-INL WATER	20	20	18	17	19
S LOUISIANA-LAND	40	36	35	39	38
S LOUISIANA-OFFSHORE	75	76	83	87	80
TOTAL LOUISIANA	153	151	153	163	155
MARYLAND	0	0	0	0	0
MICHIGAN	24	22	20	21	22
MISSISSIPPI - LAND	12	11	12	11	12
MISSISSIPPI - OFFSHORE	1	1	1	1	1
MISSOURI	0	0	0	0	0
MONTANA	7	5	4	4	5
NEBRASKA	0	0	1	2	1
NEVADA	2	3	2	1	2
NEW MEXICO	53	54	56	51	54
NEW YORK	0	0	0	0	0
N DAKOTA	22	22	21	21	22
OHIO	15	19	20	21	19
OKLAHOMA	130	129	134	131	131
OREGON	1	1	1	1	1
PENNSYLVANIA	20	19	16	15	18
S DAKOTA	1	1	1	1	1
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	22	25	22	23	23
TEXAS-INL WATER	1	0	0	0	0
DISTRICT 1	11	9	12	14	12
DISTRICT 2	12	9	9	9	10
DISTRICT 3	27	30	26	28	28
DISTRICT 4	46	41	45	42	44
DISTRICT 5	13	14	14	15	14
DISTRICT 6	53	52	55	55	54
DISTRICT 7B	11	13	16	16	14
DISTRICT 7C	22	21	22	21	22
DISTRICT 8	55	60	57	57	57
DISTRICT 8A	18	19	21	21	20
DISTRICT 9	17	19	11	12	15
DISTRICT 10	14	9	10	7	10
TOTAL TEXAS	322	321	320	320	321
UTAH	7	6	10	10	8
VIRGINIA	0	2	2	2	2
WASHINGTON	0	0	0	0	0
W VIRGINIA	24	18	17	16	19
WYOMING	52	51	46	44	48
TOTAL UNITED STATES	1042	1045	1040	1037	1041
CANADA-LAND	175	159	114	123	143
CANADA-OFFSHORE	0	0	0	1	0
GRAND TOTAL	1217	1204	1154	1161	1184

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

ROTARY RIGS RUNNING - BY STATE
OCTOBER 1989

	OCT 2	OCT 9	OCT 16	OCT 23	OCT 30	OCT AVG
ALABAMA-LAND	15	15	13	13	13	14
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3	3
TOTAL ALABAMA	18	18	16	16	16	17
ALASKA-LAND	9	9	9	8	7	8
ALASKA-OFFSHORE	2	2	2	3	2	2
TOTAL ALASKA	11	11	11	11	9	11
ARIZONA	0	0	0	0	0	0
ARKANSAS	13	10	8	12	14	11
CALIFORNIA-LAND	42	46	46	39	40	43
CALIFORNIA-OFFSHORE	5	6	6	6	6	6
TOTAL CALIFORNIA	47	52	52	45	46	48
COLORADO	35	35	39	37	41	37
FLORIDA-LAND	2	2	0	0	0	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	0	1
TOTAL FLORIDA	3	3	1	1	0	2
IDAHO	0	0	0	0	0	0
ILLINOIS	5	5	5	5	5	5
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	41	47	49	50	46	47
KENTUCKY	7	6	7	4	4	6
N LOUISIANA-LAND	16	18	19	24	21	20
S LOUISIANA-INL WATER	18	19	21	22	20	20
S LOUISIANA-LAND	30	32	32	34	37	33
S LOUISIANA-OFFSHORE	72	73	67	75	70	71
TOTAL LOUISIANA	136	142	139	155	148	144
MARYLAND	0	0	0	0	0	0
MICHIGAN	15	18	23	23	23	20
MISSISSIPPI - LAND	14	14	12	12	12	13
MISSISSIPPI - OFFSHORE	1	1	1	1	1	1
MISSOURI	0	0	0	0	0	0
MONTANA	5	5	5	6	7	6
NEBRASKA	0	1	1	1	0	1
NEVADA	3	2	2	2	2	2
NEW MEXICO	34	35	45	48	54	43
NEW YORK	1	1	0	0	0	0
N DAKOTA	19	18	18	22	21	20
OHIO	15	15	17	16	14	15
OKLAHOMA	146	133	135	134	132	136
OREGON	1	1	1	1	1	1
PENNSYLVANIA	21	20	19	18	19	19
S DAKOTA	2	2	2	2	1	2
TENNESSEE	1	1	1	1	1	1
TEXAS-OFFSHORE	24	23	21	18	23	22
TEXAS-INL WATER	2	2	1	1	0	1
DISTRICT 1	13	13	12	10	11	12
DISTRICT 2	13	12	11	14	13	13
DISTRICT 3	26	25	25	23	27	25
DISTRICT 4	40	40	43	43	46	42
DISTRICT 5	10	8	10	11	12	10
DISTRICT 6	61	61	61	53	58	59
DISTRICT 7B	8	2	7	8	8	7
DISTRICT 7C	13	13	15	18	25	17
DISTRICT 8	45	39	48	47	53	46
DISTRICT 8A	25	22	19	23	17	21
DISTRICT 9	9	9	8	9	15	10
DISTRICT 10	10	10	10	11	12	11
TOTAL TEXAS	299	279	291	289	320	296
UTAH	8	7	7	8	7	7
VIRGINIA	2	3	2	1	2	2
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	22	25	24	24	19	23
WYOMING	53	50	48	47	45	49
TOTAL UNITED STATES	978	960	981	992	1010	984
CANADA-LAND	136	121	125	144	158	137
CANADA-OFFSHORE	1	1	1	1	0	1
GRAND TOTAL	1115	1082	1107	1137	1168	1122

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

36
HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
SEPTEMBER 1989

	SEP 4	SEP 11	SEP 18	SEP 25	SEP AVG
ALABAMA-LAND	6	8	11	15	10
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3
TOTAL ALABAMA	9	11	14	18	13
ALASKA-LAND	10	10	9	8	9
ALASKA-OFFSHORE	4	4	3	2	3
TOTAL ALASKA	14	14	12	10	13
ARIZONA	0	0	0	0	0
ARKANSAS	13	13	12	11	12
CALIFORNIA-LAND	46	47	47	46	47
CALIFORNIA-OFFSHORE	5	5	5	5	5
TOTAL CALIFORNIA	51	52	52	51	52
COLORADO	31	30	31	30	31
FLORIDA-LAND	1	1	2	2	2
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	2	2	3	3	3
IDAHO	0	0	0	0	0
ILLINOIS	5	5	5	5	5
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	44	38	40	39	40
KENTUCKY	9	9	9	7	9
N LOUISIANA-LAND	16	20	18	14	17
S LOUISIANA-INL WATER	15	15	13	15	15
S LOUISIANA-LAND	34	31	32	33	33
S LOUISIANA-OFFSHORE	67	70	71	72	70
TOTAL LOUISIANA	132	136	134	134	134
MARYLAND	0	0	0	0	0
MICHIGAN	22	20	18	19	20
MISSISSIPPI - LAND	17	18	18	13	17
MISSISSIPPI - OFFSHORE	1	1	1	1	1
MISSOURI	0	0	0	0	0
MONTANA	9	6	6	6	7
NEBRASKA	1	0	0	0	0
NEVADA	4	3	3	3	3
NEW MEXICO	29	28	31	33	30
NEW YORK	0	0	0	1	0
N DAKOTA	11	13	17	14	14
OHIO	12	13	12	14	13
OKLAHOMA	133	136	134	139	136
OREGON	0	0	1	1	1
PENNSYLVANIA	21	20	19	21	20
S DAKOTA	2	2	2	2	2
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	22	22	26	25	24
TEXAS-INL WATER	4	6	6	4	5
DISTRICT 1	5	7	7	8	7
DISTRICT 2	17	16	13	11	14
DISTRICT 3	23	25	23	26	24
DISTRICT 4	43	44	46	48	45
DISTRICT 5	7	8	9	10	9
DISTRICT 6	60	61	62	63	62
DISTRICT 7B	9	9	7	7	8
DISTRICT 7C	13	11	10	11	11
DISTRICT 8	35	40	46	46	42
DISTRICT 8A	26	25	29	25	26
DISTRICT 9	5	7	5	11	7
DISTRICT 10	16	14	8	11	12
TOTAL TEXAS	285	295	297	306	296
UTAH	5	7	9	10	8
VIRGINIA	2	2	2	2	2
WASHINGTON	1	1	1	1	1
W VIRGINIA	23	23	24	20	23
WYOMING	47	51	57	52	52
TOTAL UNITED STATES	936	950	965	967	955
CANADA-LAND	96	92	99	127	104
CANADA-OFFSHORE	1	1	1	0	1
GRAND TOTAL	1033	1043	1065	1094	1059

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
AUGUST 1989

	AUG 7	AUG 14	AUG 21	AUG 28	AUG AVG
ALABAMA-LAND	10	7	7	7	8
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	2	2	2	2	2
TOTAL ALABAMA	12	9	9	9	9.75
ALASKA-LAND	9	8	8	9	9
ALASKA-OFFSHORE	3	5	5	4	4
TOTAL ALASKA	12	13	13	13	13
ARIZONA	0	0	0	0	0
ARKANSAS	11	10	13	14	12
CALIFORNIA-LAND	46	44	46	48	46
CALIFORNIA-OFFSHORE	5	5	5	5	5
TOTAL CALIFORNIA	51	49	51	53	51
COLORADO	30	29	28	28	29
FLORIDA-LAND	0	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	1	1	1	1	1
IDAHO	0	0	0	0	0
ILLINOIS	5	6	5	5	5
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	42	42	45	42	43
KENTUCKY	7	6	6	7	7
N LOUISIANA-LAND	20	21	22	21	21
S LOUISIANA-INL WATER	19	18	17	18	18
S LOUISIANA-LAND	24	29	30	31	29
S LOUISIANA-OFFSHORE	79	78	76	73	77
TOTAL LOUISIANA	142	146	145	143	144
MARYLAND	0	0	0	0	0
MICHIGAN	18	19	20	22	20
MISSISSIPPI - LAND	14	14	12	17	14
MISSISSIPPI - OFFSHORE	1	1	1	1	1
MISSOURI	0	0	0	0	0
MONTANA	5	7	7	7	7
NEBRASKA	2	2	2	2	2
NEVADA	4	4	4	4	4
NEW MEXICO	31	29	29	31	30
NEW YORK	0	0	0	0	0
N DAKOTA	11	13	11	13	12
OHIO	8	8	14	13	11
OKLAHOMA	117	111	111	117	114
OREGON	0	0	0	0	0
PENNSYLVANIA	20	20	22	22	21
S DAKOTA	1	1	1	1	1
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	24	26	26	18	24
TEXAS-INL WATER	2	2	1	4	2
DISTRICT 1	11	7	8	7	8
DISTRICT 2	9	6	10	14	10
DISTRICT 3	25	25	26	25	25
DISTRICT 4	32	33	36	37	35
DISTRICT 5	10	6	7	5	7
DISTRICT 6	49	50	62	54	54
DISTRICT 7B	8	10	9	8	9
DISTRICT 7C	10	11	10	13	11
DISTRICT 8	31	32	36	34	33
DISTRICT 8A	25	26	23	21	24
DISTRICT 9	9	6	11	12	10
DISTRICT 10	11	12	14	13	13
TOTAL TEXAS	256	252	279	265	263
UTAH	7	6	7	6	7
VIRGINIA	3	2	3	2	3
WASHINGTON	1	1	1	1	1
W VIRGINIA	18	18	21	25	21
WYOMING	43	38	41	44	42
TOTAL UNITED STATES	874	858	903	909	886
CANADA-LAND	104	97	105	98	101
CANADA-OFFSHORE	2	2	2	2	2
GRAND TOTAL	980	957	1010	1009	989

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

ROTARY RIGS RUNNING - BY STATE
JULY 1989

	JUL 3	JUL 10	JUL 17	JUL 24	JUL 31	JUL AVG
ALABAMA-LAND	11	11	9	9	10	10
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3	3
TOTAL ALABAMA	14	14	12	12	13	13
ALASKA-LAND	9	9	9	9	9	9
ALASKA-OFFSHORE	1	1	1	2	3	2
TOTAL ALASKA	10	10	10	11	12	11
ARIZONA	0	0	0	0	0	0
ARKANSAS	9	7	8	9	11	9
CALIFORNIA-LAND	48	49	48	47	47	48
CALIFORNIA-OFFSHORE	4	4	5	5	4	4
TOTAL CALIFORNIA	52	53	53	52	51	52
COLORADO	26	29	30	33	32	30
FLORIDA-LAND	1	1	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1	1
TOTAL FLORIDA	2	2	2	2	2	2
IDAHO	0	0	0	0	0	0
ILLINOIS	5	5	5	5	5	5
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	40	42	42	40	43	41
KENTUCKY	6	6	6	6	6	6
N LOUISIANA-LAND	9	9	7	8	14	9
S LOUISIANA-INL WATER	15	19	18	20	21	19
S LOUISIANA-LAND	30	29	26	27	28	28
S LOUISIANA-OFFSHORE	83	82	79	81	81	81
TOTAL LOUISIANA	137	139	130	136	144	137
MARYLAND	0	0	0	0	0	0
MICHIGAN	15	19	21	21	21	19
MISSISSIPPI - LAND	14	14	15	13	14	14
MISSISSIPPI - OFFSHORE	1	1	1	1	1	1
MISSOURI	0	0	0	0	0	0
MONTANA	4	6	6	5	5	5
NEBRASKA	1	1	1	1	1	1
NEVADA	3	2	3	4	3	3
NEW MEXICO	39	40	33	31	34	35
NEW YORK	0	0	0	0	0	0
N DAKOTA	17	14	12	12	9	13
OHIO	10	11	13	11	11	11
OKLAHOMA	103	107	101	106	112	106
OREGON	0	0	0	0	0	0
PENNSYLVANIA	17	18	18	19	20	18
S DAKOTA	0	0	1	0	0	0
TENNESSEE	1	1	1	1	1	1
TEXAS-OFFSHORE	21	21	21	22	24	22
TEXAS-INL WATER	2	2	2	2	2	2
DISTRICT 1	8	7	10	11	10	9
DISTRICT 2	8	11	9	8	9	9
DISTRICT 3	26	27	29	28	25	27
DISTRICT 4	32	31	35	36	33	33
DISTRICT 5	7	6	8	9	12	8
DISTRICT 6	30	33	32	33	46	35
DISTRICT 7B	10	9	10	12	8	10
DISTRICT 7C	12	12	14	12	10	12
DISTRICT 8	27	23	22	24	29	25
DISTRICT 8A	20	18	22	22	24	21
DISTRICT 9	13	11	9	7	8	10
DISTRICT 10	15	13	10	8	6	10
TOTAL TEXAS	231	224	233	234	246	234
UTAH	5	4	7	5	6	5
VIRGINIA	3	3	3	3	3	3
WASHINGTON	0	0	0	0	1	0
W VIRGINIA	19	20	20	20	21	20
WYOMING	33	33	33	37	42	36
TOTAL UNITED STATES	817	825	820	830	870	832
CANADA-LAND	102	97	105	94	110	102
CANADA-OFFSHORE	1	1	1	1	2	1
GRAND TOTAL	920	923	926	925	982	935

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
JUNE 1989

	JUN 5	JUN 12	JUN 19	JUN 26	JUN AVG
ALABAMA-LAND	7	8	13	10	10
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	4	4	4	4	4
TOTAL ALABAMA	11	12	17	14	14
ALASKA-LAND	8	8	8	8	8
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	9	9	9	9	9
ARIZONA	0	0	0	0	0
ARKANSAS	6	8	5	8	7
CALIFORNIA-LAND	46	45	44	41	44
CALIFORNIA-OFFSHORE	4	4	2	3	3
TOTAL CALIFORNIA	50	49	46	44	47
COLORADO	23	25	25	24	24
FLORIDA-LAND	1	2	2	1	2
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	2	3	3	2	3
IDAHO	0	0	0	0	0
ILLINOIS	5	5	5	5	5
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	48	44	42	40	43
KENTUCKY	3	3	4	4	4
N LOUISIANA-LAND	15	12	14	12	13
S LOUISIANA-INL WATER	21	20	18	15	19
S LOUISIANA-LAND	34	34	30	30	32
S LOUISIANA-OFFSHORE	70	75	68	79	73
TOTAL LOUISIANA	140	141	130	136	137
MARYLAND	0	0	0	0	0
MICHIGAN	15	15	16	17	16
MISSISSIPPI - LAND	16	16	15	14	15
MISSISSIPPI - OFFSHORE	1	1	1	1	1
MISSOURI	0	0	0	0	0
MONTANA	6	5	5	3	5
NEBRASKA	2	1	2	2	2
NEVADA	4	3	4	4	4
NEW MEXICO	32	38	39	41	38
NEW YORK	0	0	0	0	0
N DAKOTA	15	20	20	20	19
OHIO	6	7	8	9	8
OKLAHOMA	93	88	81	100	91
OREGON	0	0	0	0	0
PENNSYLVANIA	7	8	16	18	12
S DAKOTA	0	0	0	0	0
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	20	19	20	20	20
TEXAS-INL WATER	2	2	2	2	2
DISTRICT 1	6	8	7	6	7
DISTRICT 2	10	10	14	12	12
DISTRICT 3	31	27	27	32	29
DISTRICT 4	30	28	32	29	30
DISTRICT 5	3	4	4	4	4
DISTRICT 6	37	36	37	35	36
DISTRICT 7B	9	10	11	11	10
DISTRICT 7C	16	15	13	10	14
DISTRICT 8	30	37	32	33	33
DISTRICT 8A	23	21	21	21	22
DISTRICT 9	11	12	12	13	12
DISTRICT 10	12	10	14	12	12
TOTAL TEXAS	240	239	246	240	241
UTAH	3	4	5	5	4
VIRGINIA	3	3	3	3	3
WASHINGTON	0	0	0	0	0
W VIRGINIA	18	17	17	18	18
WYOMING	27	26	30	28	28
TOTAL UNITED STATES	784	791	795	810	795
CANADA-LAND	74	111	105	120	103
CANADA-OFFSHORE	0	0	0	1	0
GRAND TOTAL	858	902	900	931	898

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

**ROTARY RIGS RUNNING - BY STATE
MAY 1989**

	MAY 1	MAY 8	MAY 15	MAY 22	MAY 29	MAY AVG
ALABAMA-LAND	7	6	5	4	4	5
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	4	3
TOTAL ALABAMA	10	9	8	7	8	8
ALASKA-LAND	10	8	8	9	8	9
ALASKA-OFFSHORE	1	1	2	2	1	1
TOTAL ALASKA	11	9	10	11	9	10
ARIZONA	0	0	0	0	0	0
ARKANSAS	5	8	8	5	6	6
CALIFORNIA-LAND	45	43	42	47	47	45
CALIFORNIA-OFFSHORE	5	4	4	4	4	4
TOTAL CALIFORNIA	50	47	46	51	51	49
COLORADO	19	21	21	20	20	20
FLORIDA-LAND	1	0	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1	1
TOTAL FLORIDA	2	1	2	2	2	2
IDAHO	0	0	0	0	0	0
ILLINOIS	5	5	5	5	5	5
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	38	39	40	39	40	39
KENTUCKY	3	4	6	5	5	5
N LOUISIANA-LAND	20	17	16	14	12	16
S LOUISIANA-INL WATER	17	13	15	15	18	16
S LOUISIANA-LAND	43	38	35	33	32	36
S LOUISIANA-OFFSHORE	56	57	62	66	72	63
TOTAL LOUISIANA	136	125	128	128	134	130
MARYLAND	0	0	0	0	0	0
MICHIGAN	8	9	10	8	14	10
MISSISSIPPI - LAND	13	13	12	12	16	13
MISSISSIPPI - OFFSHORE	1	1	1	1	1	1
MISSOURI	0	0	0	0	0	0
MONTANA	6	8	5	4	5	6
NEBRASKA	2	2	1	3	3	2
NEVADA	2	2	2	2	3	2
NEW MEXICO	35	34	33	32	34	34
NEW YORK	0	0	0	0	0	0
N DAKOTA	10	12	14	15	16	13
OHIO	4	2	3	3	6	4
OKLAHOMA	124	123	119	118	99	117
OREGON	0	0	0	0	0	0
PENNSYLVANIA	2	6	6	6	5	5
S DAKOTA	1	0	0	0	1	0
TENNESSEE	1	1	1	1	1	1
TEXAS-OFFSHORE	22	20	18	18	18	19
TEXAS-INL WATER	1	1	1	2	2	1
DISTRICT 1	2	2	2	3	6	3
DISTRICT 2	7	9	9	8	12	9
DISTRICT 3	20	29	30	24	25	26
DISTRICT 4	31	32	31	29	30	31
DISTRICT 5	7	8	9	6	4	7
DISTRICT 6	38	34	37	27	35	34
DISTRICT 7B	17	17	14	13	7	14
DISTRICT 7C	14	17	18	19	15	17
DISTRICT 8	25	29	31	31	26	28
DISTRICT 8A	20	22	20	22	25	22
DISTRICT 9	14	13	13	13	11	13
DISTRICT 10	12	13	14	9	9	11
TOTAL TEXAS	230	246	247	224	225	234
UTAH	2	3	3	2	2	2
VIRGINIA	2	2	3	3	3	3
WASHINGTON	1	0	0	0	0	0
W VIRGINIA	10	12	9	8	14	11
WYOMING	18	20	28	22	21	22
TOTAL UNITED STATES	751	764	771	737	749	754
CANADA-LAND	52	59	56	68	73	62
CANADA-OFFSHORE	2	1	1	1	0	1
GRAND TOTAL	805	824	828	806	822	817

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

Land 645
IW 17
Offshore 92

754

ROTARY RIGS RUNNING - BY STATE
APRIL 1989

	APR 3	APR 10	APR 17	APR 24	APR AVG
ALABAMA-LAND	7	7	5	5	6
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3
TOTAL ALABAMA	10	10	8	8	9
ALASKA-LAND	10	8	10	10	10
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	11	9	11	11	11
ARIZONA	0	0	0	0	0
ARKANSAS	4	3	1	2	3
CALIFORNIA-LAND	42	43	38	40	41
CALIFORNIA-OFFSHORE	7	7	5	5	6
TOTAL CALIFORNIA	49	50	43	45	47
COLORADO	19	20	19	20	20
FLORIDA-LAND	1	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	1	1	1	1
TOTAL FLORIDA	1	2	2	2	2
IDAHO	0	0	0	0	0
ILLINOIS	5	5	5	5	5
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	42	45	46	40	43
KENTUCKY	5	5	5	5	5
N LOUISIANA-LAND	15	20	19	18	18
S LOUISIANA-INL WATER	13	14	20	20	17
S LOUISIANA-LAND	40	37	40	42	40
S LOUISIANA-OFFSHORE	59	58	55	57	57
TOTAL LOUISIANA	127	129	134	137	132
MARYLAND	0	0	0	0	0
MICHIGAN	16	12	12	8	12
MISSISSIPPI - LAND	15	18	17	17	17
MISSISSIPPI - OFFSHORE	1	1	1	1	1
MISSOURI	0	0	0	0	0
MONTANA	6	5	4	5	5
NEBRASKA	1	2	1	1	1
NEVADA	1	2	2	2	2
NEW MEXICO	36	36	36	36	36
NEW YORK	1	0	0	0	0
N DAKOTA	13	11	10	12	12
OHIO	6	8	1	2	4
OKLAHOMA	112	120	127	138	124
OREGON	0	0	0	0	0
PENNSYLVANIA	16	9	7	2	9
S DAKOTA	0	0	1	1	1
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	24	23	21	26	24
TEXAS-INL WATER	1	1	1	1	1
DISTRICT 1	2	1	1	2	2
DISTRICT 2	14	14	8	7	11
DISTRICT 3	29	25	19	25	25
DISTRICT 4	29	29	33	32	31
DISTRICT 5	6	6	6	6	6
DISTRICT 6	34	31	32	28	31
DISTRICT 7B	13	15	15	16	15
DISTRICT 7C	15	18	21	17	18
DISTRICT 8	31	29	28	26	29
DISTRICT 8A	23	22	20	21	22
DISTRICT 9	13	15	13	13	14
DISTRICT 10	15	15	12	12	14
TOTAL TEXAS	249	244	230	232	239
UTAH	4	3	4	4	4
VIRGINIA	1	1	1	1	1
WASHINGTON	1	1	1	1	1
W VIRGINIA	10	10	10	11	10
WYOMING	16	16	18	17	17
TOTAL UNITED STATES	779	778	758	767	771
CANADA-LAND	152	115	84	61	103
CANADA-OFFSHORE	2	2	2	2	2
GRAND TOTAL	933	895	844	830	876

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
 ROTARY RIGS RUNNING - BY STATE
 MARCH 1989

	MAR 6	MAR 13	MAR 20	MAR 27	MAR AVG
ALABAMA-LAND	3	3	5	5	4
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	2	2	2	3	2
TOTAL ALABAMA	5	5	7	8	6
ALASKA-LAND	10	10	10	10	10
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	11	11	11	11	11
ARIZONA	0	0	0	0	0
ARKANSAS	6	3	3	4	4
CALIFORNIA-LAND	43	43	44	47	44
CALIFORNIA-OFFSHORE	7	7	7	7	7
TOTAL CALIFORNIA	50	50	51	54	51
COLORADO	18	18	17	18	18
FLORIDA-LAND	2	2	2	1	2
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	0	1
TOTAL FLORIDA	3	3	3	1	3
IDAHO	0	0	0	0	0
ILLINOIS	4	4	5	5	5
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	34	31	37	41	36
KENTUCKY	1	3	5	4	3
N LOUISIANA-LAND	14	13	9	10	12
S LOUISIANA-INL WATER	14	18	17	18	17
S LOUISIANA-LAND	37	37	35	39	37
S LOUISIANA-OFFSHORE	60	63	61	61	61
TOTAL LOUISIANA	125	131	122	128	127
MARYLAND	0	0	0	0	0
MICHIGAN	21	20	16	17	19
MISSISSIPPI - LAND	16	16	15	16	16
MISSISSIPPI - OFFSHORE	1	1	1	1	1
MISSOURI	0	0	0	0	0
MONTANA	6	7	7	7	7
NEBRASKA	3	1	1	1	2
NEVADA	2	1	1	1	1
NEW MEXICO	23	27	30	28	27
NEW YORK	2	2	3	2	2
N DAKOTA	12	11	9	12	11
OHIO	14	9	8	8	10
OKLAHOMA	108	108	109	118	111
OREGON	1	1	1	1	1
PENNSYLVANIA	24	19	14	14	18
S DAKOTA	1	0	0	0	0
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	20	20	20	21	20
TEXAS-INL WATER	1	1	1	1	1
DISTRICT 1	4	3	3	2	3
DISTRICT 2	12	10	12	8	11
DISTRICT 3	28	25	26	24	26
DISTRICT 4	29	31	29	33	31
DISTRICT 5	5	4	5	7	5
DISTRICT 6	30	31	29	31	30
DISTRICT 7B	9	10	14	14	12
DISTRICT 7C	19	17	12	17	16
DISTRICT 8	36	34	31	31	33
DISTRICT 8A	22	23	27	23	24
DISTRICT 9	13	13	11	11	12
DISTRICT 10	10	12	14	11	12
TOTAL TEXAS	238	234	234	234	235
UTAH	2	2	2	5	3
VIRGINIA	0	0	0	0	0
WASHINGTON	1	1	1	1	1
W VIRGINIA	9	9	7	6	8
WYOMING	19	14	19	19	18
TOTAL UNITED STATES	761	743	740	766	753
CANADA-LAND	226	216	220	212	219
CANADA-OFFSHORE	2	2	2	2	2
GRAND TOTAL	989	961	962	980	973

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
FEBRUARY 1989

	FEB 6	FEB 13	FEB 20	FEB 27	FEB AVG
ALABAMA-LAND	7	3	3	6	5
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	2	2	1	2	2
TOTAL ALABAMA	9	5	4	8	7
ALASKA-LAND	10	10	8	8	9
ALASKA-OFFSHORE	2	2	2	1	2
TOTAL ALASKA	12	12	10	9	11
ARIZONA	0	0	0	0	0
ARKANSAS	8	8	5	7	7
CALIFORNIA-LAND	32	36	36	35	35
CALIFORNIA-OFFSHORE	8	8	8	8	8
TOTAL CALIFORNIA	40	44	44	43	43
COLORADO	20	21	19	18	20
FLORIDA-LAND	1	1	2	2	2
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	1	0
TOTAL FLORIDA	1	1	2	3	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	40	39	38	36	38
KENTUCKY	4	3	1	1	2
N LOUISIANA-LAND	16	11	14	15	14
S LOUISIANA-INL WATER	15	13	15	17	15
S LOUISIANA-LAND	32	31	35	32	33
S LOUISIANA-OFFSHORE	68	67	67	62	66
TOTAL LOUISIANA	131	122	131	126	128
MARYLAND	0	0	0	0	0
MICHIGAN	12	16	20	19	17
MISSISSIPPI	23	18	19	25	21
MISSOURI	0	0	0	0	0
MONTANA	4	4	3	5	4
NEBRASKA	1	0	0	3	1
NEVADA	2	2	2	2	2
NEW MEXICO	24	27	29	24	26
NEW YORK	2	2	3	4	3
N DAKOTA	9	8	9	12	10
OHIO	18	19	19	16	18
OKLAHOMA	128	111	114	113	117
OREGON	0	0	0	0	0
PENNSYLVANIA	25	25	28	25	26
S DAKOTA	1	0	0	1	1
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	17	16	16	18	17
TEXAS-INL WATER	1	1	1	1	1
DISTRICT 1	1	1	2	2	2
DISTRICT 2	11	10	11	11	11
DISTRICT 3	31	27	28	24	27
DISTRICT 4	36	35	35	29	34
DISTRICT 5	8	8	7	6	7
DISTRICT 6	31	29	29	29	30
DISTRICT 7B	8	10	9	8	9
DISTRICT 7C	12	15	19	15	15
DISTRICT 8	26	24	28	29	27
DISTRICT 8A	19	19	22	21	20
DISTRICT 9	18	18	17	16	17
DISTRICT 10	8	10	10	9	9
TOTAL TEXAS	227	225	232	218	226
UTAH	4	3	3	3	3
VIRGINIA	0	0	0	0	0
WASHINGTON	1	1	1	1	1
W VIRGINIA	8	8	10	11	9
WYOMING	21	17	15	19	18
TOTAL UNITED STATES	780	746	766	757	762
CANADA-LAND	162	163	192	226	186
CANADA-OFFSHORE	1	1	1	1	1
GRAND TOTAL	943	910	959	984	949

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
JANUARY 1989

	JAN 3	JAN 9	JAN 16	JAN 23	JAN 30	JAN AVG
ALABAMA-LAND	8	5	4	4	8	6
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	2	2	2	2	2	2
TOTAL ALABAMA	10	7	6	6	10	8
ALASKA-LAND	10	7	9	9	10	9
ALASKA-OFFSHORE	2	1	1	2	2	2
TOTAL ALASKA	12	8	10	11	12	11
ARIZONA	0	0	0	0	0	0
ARKANSAS	3	1	4	5	6	4
CALIFORNIA-LAND	38	39	44	40	35	39
CALIFORNIA-OFFSHORE	7	8	9	9	9	8
TOTAL CALIFORNIA	45	47	53	49	44	48
COLORADO	25	28	22	20	18	23
FLORIDA-LAND	2	2	2	1	1	2
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0	0
TOTAL FLORIDA	2	2	2	1	1	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	40	36	37	33	38	37
KENTUCKY	9	9	9	8	5	8
N LOUISIANA-LAND	17	15	12	13	12	14
S LOUISIANA-INL WATER	15	16	13	10	13	13
S LOUISIANA-LAND	36	36	37	36	34	36
S LOUISIANA-OFFSHORE	91	87	81	66	70	79
TOTAL LOUISIANA	159	154	143	125	129	142
MARYLAND	0	0	0	0	0	0
MICHIGAN	10	7	9	9	13	10
MISSISSIPPI	25	27	27	27	27	27
MISSOURI	0	0	0	0	0	0
MONTANA	4	4	3	3	2	3
NEBRASKA	1	2	2	2	1	2
NEVADA	3	3	3	1	2	2
NEW MEXICO	38	29	33	23	25	30
NEW YORK	0	0	0	1	2	1
N DAKOTA	12	11	11	10	10	11
OHIO	25	26	19	24	22	23
OKLAHOMA	137	143	130	118	132	132
OREGON	0	0	0	0	0	0
PENNSYLVANIA	32	28	20	24	26	26
S DAKOTA	1	1	1	1	1	1
TENNESSEE	1	1	1	1	1	1
TEXAS-OFFSHORE	18	17	20	21	19	19
TEXAS-INL WATER	1	1	1	1	1	1
DISTRICT 1	1	2	2	2	0	1
DISTRICT 2	13	9	8	8	8	9
DISTRICT 3	35	34	37	36	28	34
DISTRICT 4	36	38	34	33	33	35
DISTRICT 5	7	8	8	10	7	8
DISTRICT 6	29	32	37	36	38	34
DISTRICT 7B	7	5	7	7	7	7
DISTRICT 7C	15	18	17	17	12	16
DISTRICT 8	36	36	31	24	25	30
DISTRICT 8A	23	18	23	17	19	19
DISTRICT 9	21	24	21	21	21	22
DISTRICT 10	12	9	10	13	10	11
TOTAL TEXAS	254	251	253	246	228	246
UTAH	4	3	3	4	4	4
VIRGINIA	2	2	2	2	1	2
WASHINGTON	2	2	1	1	1	1
W VIRGINIA	16	14	11	9	12	12
WYOMING	32	22	21	21	20	23
TOTAL UNITED STATES	908	872	840	789	797	841
CANADA-LAND	103	99	108	137	162	122
CANADA-OFFSHORE	2	2	1	1	1	1
GRAND TOTAL	1013	973	949	927	960	964

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

717
14
IW
Offshore
841