

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
DECEMBER 1987

	DEC 7	DEC 14	DEC 21	DEC 28	DEC AVG
ALABAMA-LAND	7	7	8	13	9
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	6	7	7	7	7
TOTAL ALABAMA	13	14	15	20	16
ALASKA-LAND	10	10	10	10	10
ALASKA-OFFSHORE	2	2	2	2	2
TOTAL ALASKA	12	12	12	12	12
ARIZONA	0	0	0	0	0
ARKANSAS	10	11	16	16	13
CALIFORNIA-LAND	56	55	53	55	55
CALIFORNIA-OFFSHORE	7	7	7	7	7
TOTAL CALIFORNIA	63	62	60	62	62
COLORADO	38	40	41	40	40
FLORIDA-LAND	2	2	3	4	3
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	2	2	2	2	2
TOTAL FLORIDA	4	4	5	6	5
IDAHO	2	2	1	1	2
ILLINOIS	4	4	6	6	5
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	55	54	51	47	52
KENTUCKY	6	6	5	5	6
N LOUISIANA-LAND	14	12	10	10	12
S LOUISIANA-INL WATER	35	34	36	34	35
S LOUISIANA-LAND	39	51	48	49	47
S LOUISIANA-OFFSHORE	87	96	90	91	91
TOTAL LOUISIANA	175	193	184	184	184
MARYLAND	0	0	0	0	0
MICHIGAN	18	17	18	20	18
MISSISSIPPI	9	16	18	18	15
MISSOURI	1	1	1	1	1
MONTANA	14	8	8	8	10
NEBRASKA	7	7	5	4	6
NEVADA	3	3	1	1	2
NEW MEXICO	62	64	59	53	60
NEW YORK	2	3	3	5	3
N CAROLINA	0	0	0	0	0
N DAKOTA	20	22	21	21	21
OHIO	31	31	32	30	31
OKLAHOMA	154	151	159	142	152
OREGON	0	0	0	0	0
PENNSYLVANIA	22	22	20	21	21
S DAKOTA	1	1	1	2	1
TEXAS-OFFSHORE	20	19	20	18	19
TEXAS-INL WATER	2	2	1	1	2
DISTRICT 1	6	5	2	0	3
DISTRICT 2	16	13	14	13	14
DISTRICT 3	35	32	34	29	33
DISTRICT 4	35	42	43	40	40
DISTRICT 5	13	14	13	14	14
DISTRICT 6	21	26	28	28	26
DISTRICT 7B	16	17	18	17	17
DISTRICT 7C	26	24	25	25	25
DISTRICT 8	71	76	77	77	75
DISTRICT 8A	47	44	43	42	44
DISTRICT 9	8	8	8	12	9
DISTRICT 10	22	23	19	19	21
TOTAL TEXAS	338	345	345	335	341
UTAH	14	14	14	15	14
VERMONT	0	0	0	0	0
VIRGINIA	2	2	3	3	3
WASHINGTON	1	1	1	1	1
W VIRGINIA	14	13	11	14	13
WYOMING	57	58	52	52	55
TOTAL UNITED STATES	1152	1181	1168	1145	1162
CANADA-LAND	198	202	192	186	195
CANADA-OFFSHORE	3	3	3	2	3
GRAND TOTAL	1353	1386	1363	1333	1359

Offshore
128

Gulf 115

YTD AVERAGE

	1987	1986
U.S.	936	964
CANADA	181	179

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
NOVEMBER 1987

	NOV 2	NOV 9	NOV 16	NOV 23	NOV 30	NOV AVG
ALABAMA-LAND	11	9	11	10	8	10
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	6	6	6	7	7	6
TOTAL ALABAMA	17	15	17	17	15	16
ALASKA-LAND	7	9	10	10	10	9
ALASKA-OFFSHORE	1	1	1	2	2	1
TOTAL ALASKA	8	10	11	12	12	11
ARIZONA	0	0	0	0	0	0
ARKANSAS	14	16	17	15	15	15
CALIFORNIA-LAND	68	70	69	58	63	66
CALIFORNIA-OFFSHORE	5	5	5	6	6	5
TOTAL CALIFORNIA	73	75	74	64	69	71
COLORADO	35	40	42	39	42	40
FLORIDA-LAND	2	1	1	0	1	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	1	2	2	2	2	2
TOTAL FLORIDA	3	3	3	2	3	3
IDAHO	1	1	1	2	2	1
ILLINOIS	3	4	4	4	4	4
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	54	56	62	59	58	58
KENTUCKY	3	5	5	5	6	5
N LOUISIANA-LAND	16	13	18	13	12	14
S LOUISIANA-INL WATER	29	30	33	33	33	32
S LOUISIANA-LAND	37	37	39	40	39	38
S LOUISIANA-OFFSHORE	81	78	81	84	85	82
TOTAL LOUISIANA	163	158	171	170	169	166
MARYLAND	0	0	0	0	0	0
MICHIGAN	22	19	22	19	20	20
MINNESOTA	0	0	0	0	0	0
MISSISSIPPI	14	14	17	18	19	16
MONTANA	13	13	13	14	12	13
NEBRASKA	5	6	6	6	8	6
NEVADA	2	1	2	2	2	2
NEW MEXICO	39	45	49	52	58	49
NEW YORK	4	4	4	3	3	4
N CAROLINA	0	0	0	0	0	0
N DAKOTA	24	26	27	26	21	25
OHIO	19	19	22	24	26	22
OKLAHOMA	153	154	146	141	149	149
OREGON	1	1	1	1	1	1
PENNSYLVANIA	23	24	23	20	22	22
S DAKOTA	0	0	0	0	1	0
TEXAS-OFFSHORE	23	23	21	21	21	22
TEXAS-INL WATER	5	4	2	2	2	3
DISTRICT 1	6	6	5	4	6	5
DISTRICT 2	21	14	18	17	19	18
DISTRICT 3	35	31	35	33	34	34
DISTRICT 4	39	42	41	43	38	41
DISTRICT 5	14	14	13	14	14	14
DISTRICT 6	24	26	25	26	24	25
DISTRICT 7B	15	15	13	11	12	13
DISTRICT 7C	28	26	29	27	24	27
DISTRICT 8	66	66	69	71	70	68
DISTRICT 8A	47	48	47	52	47	48
DISTRICT 9	7	8	7	7	8	7
DISTRICT 10	18	27	25	25	21	23
TOTAL TEXAS	348	350	350	353	340	348
UTAH	10	9	9	10	10	10
VERMONT	0	0	0	0	0	0
VIRGINIA	1	2	2	3	2	2
WASHINGTON	1	1	1	1	1	1
W VIRGINIA	15	13	11	13	13	13
WYOMING	63	57	62	57	58	59
TOTAL UNITED STATES	1131	1141	1174	1152	1161	1152
CANADA	326	311	273	239	209	272
CANADA-OFFSHORE	1	4	4	4	3	3
GRAND TOTAL	1458	1456	1451	1395	1373	1427

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

YTD AVERAGES

1987 1986

U.S. 917 964
CAN 180 173
TAL 1097 1137

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
OCTOBER 1987

	OCT 5	OCT 12	OCT 19	OCT 26	OCT AVG
ALABAMA-LAND	15	15	12	13	14
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	5	5	5	6	5
TOTAL ALABAMA	20	20	17	19	19
ALASKA-LAND	9	9	9	8	9
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	10	10	10	9	10
ARIZONA	1	1	1	1	1
ARKANSAS	11	11	13	13	12
CALIFORNIA-LAND	74	73	66	69	71
CALIFORNIA-OFFSHORE	5	6	5	5	5
TOTAL CALIFORNIA	79	79	71	74	76
COLORADO	29	33	33	33	32
FLORIDA-LAND	2	2	2	2	2
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	3	3	3	2	3
TOTAL FLORIDA	5	5	5	4	5
IDAHO	1	1	1	1	1
ILLINOIS	3	3	3	3	3
INDIANA	0	0	0	0	0
IOWA	1	1	0	0	1
KANSAS	60	55	49	47	53
KENTUCKY	3	3	3	3	3
N LOUISIANA-LAND	14	13	17	11	14
S LOUISIANA-INL WATER	22	25	26	30	26
S LOUISIANA-LAND	41	40	43	42	42
S LOUISIANA-OFFSHORE	74	75	79	79	77
TOTAL LOUISIANA	151	153	165	162	158
MARYLAND	0	0	0	0	0
MICHIGAN	24	20	22	24	23
MINNESOTA	0	0	0	0	0
MISSISSIPPI	17	14	15	15	15
MONTANA	13	10	15	14	13
NEBRASKA	9	4	3	5	5
NEVADA	1	1	1	1	1
NEW MEXICO	37	50	46	39	43
NEW YORK	3	4	3	4	4
N CAROLINA	0	0	0	0	0
N DAKOTA	20	21	22	24	22
OHIO	19	19	19	19	19
OKLAHOMA	151	136	144	149	145
OREGON	1	1	1	1	1
PENNSYLVANIA	28	24	22	20	24
S DAKOTA	1	0	0	0	0
TEXAS-OFFSHORE	23	24	28	25	25
TEXAS-INL WATER	1	2	2	3	2
DISTRICT 1	6	5	4	5	5
DISTRICT 2	16	17	16	22	18
DISTRICT 3	35	33	33	33	34
DISTRICT 4	46	43	45	33	42
DISTRICT 5	11	11	14	15	13
DISTRICT 6	26	27	31	27	28
DISTRICT 7B	14	13	15	12	14
DISTRICT 7C	23	24	23	26	24
DISTRICT 8	63	62	67	71	66
DISTRICT 8A	45	48	53	50	49
DISTRICT 9	10	9	10	10	10
DISTRICT 10	11	6	14	18	12
TOTAL TEXAS	330	324	355	350	340
UTAH	11	10	10	8	10
VERMONT	0	0	0	0	0
VIRGINIA	3	3	3	3	3
WASHINGTON	1	1	1	1	1
W VIRGINIA	16	16	16	17	16
WYOMING	68	71	65	67	68
TOTAL UNITED STATES	1127	1104	1134	1130	1124
CANADA-LAND	260	262	257	313	273
CANADA-OFFSHORE	1	1	1	1	1
GRAND TOTAL	1388	1367	1392	1444	1398

YTD AVERAGES

1987 1986

U.S. 890 970

CAN. 169 178

TOTAL 1059 1148

*offshore
116*

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
SEPTEMBER 1987

	SEPT 7	SEPT 14	SEPT 21	SEPT 28	SEPT AVG
ALABAMA-LAND	7	8	8	13	9
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	2	3	4	5	4
TOTAL ALABAMA	9	11	12	18	13
ALASKA-LAND	8	8	8	8	8
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	9	9	9	9	9
ARIZONA	1	1	1	1	1
ARKANSAS	12	7	7	4	8
CALIFORNIA-LAND	69	73	73	73	72
CALIFORNIA-OFFSHORE	7	6	6	5	6
TOTAL CALIFORNIA	76	79	79	78	78
COLORADO	24	24	22	26	24
FLORIDA-LAND	0	0	1	1	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	3	3	3	3	3
TOTAL FLORIDA	3	3	4	4	4
IDAHO	0	0	1	1	1
ILLINOIS	3	3	3	3	3
INDIANA	0	0	0	0	0
IOWA	1	1	1	1	1
KANSAS	58	56	60	65	60
KENTUCKY	3	2	2	2	2
N LOUISIANA-LAND	16	15	15	14	15
S LOUISIANA-INL WATER	24	22	21	20	22
S LOUISIANA-LAND	41	43	45	44	43
S LOUISIANA-OFFSHORE	80	84	83	74	80
TOTAL LOUISIANA	161	164	164	152	160
MARYLAND	0	0	0	0	0
MICHIGAN	26	26	24	23	25
MINNESOTA	0	0	0	0	0
MISSISSIPPI	16	18	17	20	18
MONTANA	12	11	13	12	12
NEBRASKA	8	10	12	9	10
NEVADA	3	3	1	1	2
NEW MEXICO	35	34	32	30	33
NEW YORK	3	3	4	2	3
N CAROLINA	0	0	0	0	0
N DAKOTA	19	17	17	18	18
OHIO	17	17	17	16	17
OKLAHOMA	166	165	153	146	158
OREGON	1	1	1	1	1
PENNSYLVANIA	22	19	23	28	23
S DAKOTA	0	0	0	0	0
TEXAS-OFFSHORE	18	18	20	22	20
TEXAS-INL WATER	2	2	2	1	2
DISTRICT 1	7	7	7	5	7
DISTRICT 2	19	20	17	17	18
DISTRICT 3	33	36	32	32	33
DISTRICT 4	43	42	45	45	44
DISTRICT 5	16	14	12	11	13
DISTRICT 6	30	28	25	25	27
DISTRICT 7B	13	11	8	13	11
DISTRICT 7C	20	22	27	25	24
DISTRICT 8	55	57	57	57	57
DISTRICT 8A	42	44	46	46	45
DISTRICT 9	9	11	11	10	10
DISTRICT 10	18	19	14	13	16
TOTAL TEXAS	325	331	323	322	325
UTAH	11	11	11	8	10
VERMONT	0	0	0	0	0
VIRGINIA	3	4	4	3	4
WASHINGTON	1	1	1	1	1
W VIRGINIA	11	12	15	17	14
WYOMING	60	65	68	73	67
TOTAL UNITED STATES	1099	1108	1101	1094	1101
CANADA-LAND	253	251	236	244	246
CANADA-OFFSHORE	3	2	2	2	2
GRAND TOTAL	1355	1361	1339	1340	1349

YTD AVERAGE

	1987	1986
U.S.	866	970
Canada	158	178
TOTAL	1024	1148

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
AUGUST 1987

	AUG 3	AUG 10	AUG 17	AUG 24	AUG 31	AUG AVG
ALABAMA-LAND	9	9	10	9	7	9
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	2	2	2	2	2	2
TOTAL ALABAMA	11	11	12	11	9	11
ALASKA-LAND	7	7	7	7	8	7
ALASKA-OFFSHORE	2	2	2	1	1	2
TOTAL ALASKA	9	9	9	8	9	9
ARIZONA	0	0	1	1	1	1
ARKANSAS	7	8	7	11	12	9
CALIFORNIA-LAND	56	59	69	66	68	64
CALIFORNIA-OFFSHORE	6	6	6	7	7	6
TOTAL CALIFORNIA	62	65	75	73	75	70
COLORADO	26	22	24	24	23	24
FLORIDA-LAND	1	1	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	3	3	3	3	3	3
TOTAL FLORIDA	4	4	3	3	3	3
IDAHO	0	0	0	0	0	0
ILLINOIS	4	4	4	4	3	4
INDIANA	0	0	0	0	0	0
IOWA	1	1	1	1	1	1
KANSAS	59	60	59	57	57	58
KENTUCKY	4	4	3	3	3	3
N LOUISIANA-LAND	15	12	11	12	15	13
S LOUISIANA-INL WATER	24	21	22	21	24	22
S LOUISIANA-LAND	39	32	32	32	39	35
S LOUISIANA-OFFSHORE	72	73	79	82	82	78
TOTAL LOUISIANA	150	138	144	147	160	148
MARYLAND	0	0	0	0	0	0
MICHIGAN	22	24	21	18	18	21
MINNESOTA	0	0	0	0	0	0
MISSISSIPPI	15	12	16	15	15	15
MONTANA	11	13	12	11	11	12
NEBRASKA	8	6	6	4	7	6
NEVADA	1	1	2	3	3	2
NEW MEXICO	35	31	31	28	32	31
NEW YORK	2	2	2	2	3	2
N CAROLINA	1	1	1	1	0	1
N DAKOTA	12	16	17	19	16	16
OHIO	15	17	18	19	16	17
OKLAHOMA	145	148	140	146	159	148
OREGON	0	0	1	1	1	1
PENNSYLVANIA	17	17	19	23	20	19
S DAKOTA	0	0	1	1	1	1
TEXAS-OFFSHORE	19	19	18	18	18	18
TEXAS-INL WATER	1	1	1	1	1	1
DISTRICT 1	3	5	4	3	5	4
DISTRICT 2	12	14	15	14	16	14
DISTRICT 3	31	29	31	30	33	31
DISTRICT 4	44	49	45	46	44	46
DISTRICT 5	14	15	16	18	17	16
DISTRICT 6	24	24	27	27	30	26
DISTRICT 7B	15	13	13	12	11	13
DISTRICT 7C	18	19	19	22	24	20
DISTRICT 8	53	48	45	51	50	49
DISTRICT 8A	32	43	43	41	38	39
DISTRICT 9	10	11	9	7	8	9
DISTRICT 10	15	16	18	17	18	17
TOTAL TEXAS	291	306	304	307	313	304
UTAH	8	9	8	8	10	9
VERMONT	0	0	0	0	0	0
VIRGINIA	3	3	3	3	3	3
WASHINGTON	0	0	0	0	1	0
W VIRGINIA	11	11	11	14	12	12
WYOMING	39	40	43	46	52	44
TOTAL UNITED STATES	973	983	998	1012	1049	1003
CANADA	183	177	175	157	204	179
CANADA-OFFSHORE	3	3	3	3	3	3
GRAND TOTAL	1159	1163	1176	1172	1256	1185

YTD AVERAGE

	1987	1986
U.S.	839	1019
CANADA	148	198
TOTAL	987	1217

*offshore
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NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
JULY - 1987

	JULY 6	JULY 13	JULY 20	JULY 27	JULY AVG
ALABAMA-LAND	7	7	6	8	7
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	2	3
TOTAL ALABAMA	10	10	9	10	10
ALASKA-LAND	7	7	7	7	7
ALASKA-OFFSHORE	2	2	2	2	2
TOTAL ALASKA	9	9	9	9	9
ARIZONA	0	0	0	0	0
ARKANSAS	7	6	6	7	7
CALIFORNIA-LAND	49	48	49	48	49
CALIFORNIA-OFFSHORE	6	6	7	7	7
TOTAL CALIFORNIA	55	54	56	55	55
COLORADO	24	20	22	26	23
FLORIDA-LAND	1	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	3	3	3	3	3
TOTAL FLORIDA	4	4	4	4	4
GEORGIA	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	4	3	3	3	3
INDIANA	0	0	0	0	0
IOWA	1	1	1	1	1
KANSAS	44	45	54	56	50
KENTUCKY	2	1	0	3	2
N LOUISIANA-LAND	7	12	18	13	13
S LOUISIANA-INL WATER	27	30	24	26	27
S LOUISIANA-LAND	40	42	40	41	41
S LOUISIANA-OFFSHORE	54	61	69	72	64
TOTAL LOUISIANA	128	145	151	152	144
MARYLAND	0	0	0	0	0
MICHIGAN	19	19	20	21	20
MINNESOTA	0	0	0	0	0
MISSISSIPPI	12	12	15	13	13
MONTANA	7	7	10	8	8
NEBRASKA	5	6	4	8	6
NEVADA	1	1	1	1	1
NEW MEXICO	35	33	35	37	35
NEW YORK	1	1	1	1	1
N DAKOTA	20	19	17	14	18
OHIO	12	16	16	13	14
OKLAHOMA	126	123	138	133	130
OREGON	0	0	0	0	0
PENNSYLVANIA	20	19	17	12	17
S DAKOTA	2	0	0	0	1
TEXAS-OFFSHORE	17	18	17	19	18
TEXAS-INL WATER	1	1	1	1	1
DISTRICT 1	6	3	3	2	4
DISTRICT 2	13	16	16	13	15
DISTRICT 3	27	32	29	27	29
DISTRICT 4	46	50	51	51	50
DISTRICT 5	13	15	15	11	14
DISTRICT 6	16	20	20	21	19
DISTRICT 7B	17	16	17	13	16
DISTRICT 7C	12	14	13	12	13
DISTRICT 8	49	46	53	52	50
DISTRICT 8A	42	43	35	31	38
DISTRICT 9	7	7	6	8	7
DISTRICT 10	13	11	9	11	11
TOTAL TEXAS	279	292	285	272	282
UTAH	7	9	9	8	8
VERMONT	0	0	0	0	0
VIRGINIA	2	1	1	3	2
WASHINGTON	0	0	0	0	0
W VIRGINIA	9	9	10	11	10
WYOMING	27	26	28	36	29
TOTAL UNITED STATES	872	891	922	917	901
CANADA-LAND	152	156	146	176	158
CANADA-OFFSHORE	3	3	3	3	3
GRAND TOTAL	1027	1050	1071	1096	1061

Land 183
Inland 28
Offshore 97

YTD AVERAGE

	<u>1987</u>	<u>1986</u>
U.S.	812	1057
CANADA	142	210
	954	1267

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
JUNE 1987

	JUN 1	JUN 8	JUN 15	JUN 22	JUN 29	JUN AVG
ALABAMA-LAND	4	5	5	4	5	5
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3	3
TOTAL ALABAMA	7	8	8	7	8	8
ALASKA-LAND	7	7	6	6	7	7
ALASKA-OFFSHORE	0	1	1	1	2	1
TOTAL ALASKA	7	8	7	7	9	8
ARIZONA	0	0	0	0	0	0
ARKANSAS	10	9	10	9	8	9
CALIFORNIA-LAND	57	58	58	55	54	56
CALIFORNIA-OFFSHORE	4	4	5	6	8	5
TOTAL CALIFORNIA	61	62	63	61	60	61
COLORADO	18	22	23	21	23	21
FLORIDA-LAND	1	1	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	0	1	2	2	3	2
TOTAL FLORIDA	1	2	3	3	4	3
GEORGIA	0	0	0	0	0	0
IDaho	0	0	0	0	0	0
ILLINOIS	3	3	3	4	4	3
INDIANA	0	0	0	0	0	0
IOWA	1	1	1	1	1	1
KANSAS	41	41	47	43	43	43
KENTUCKY	0	0	0	1	1	0
N LOUISIANA-LAND	6	4	7	7	9	7
S LOUISIANA-INL WATER	18	19	20	26	24	21
S LOUISIANA-LAND	26	22	24	26	23	24
S LOUISIANA-OFFSHORE	58	57	57	54	56	56
TOTAL LOUISIANA	108	102	108	113	112	108
MARYLAND	0	1	1	0	0	0
MICHIGAN	23	18	20	22	20	21
MINNESOTA	0	0	0	0	0	0
MISSISSIPPI	13	11	11	11	6	10
MONTANA	4	5	7	6	8	6
NEBRASKA	4	2	6	6	7	5
NEVADA	1	1	1	0	1	1
NEW MEXICO	25	28	26	23	32	26
NEW YORK	1	1	0	0	1	1
N DAKOTA	11	11	14	14	16	13
OHIO	9	12	12	11	12	11
OKLAHOMA	109	97	111	116	115	110
OREGON	0	0	0	0	0	0
PENNSYLVANIA	13	14	17	18	19	16
S DAKOTA	0	0	0	0	2	0
TEXAS-OFFSHORE	19	17	17	18	17	18
TEXAS-INL WATER	0	0	0	1	1	0
DISTRICT 1	2	2	4	3	4	3
DISTRICT 2	11	12	10	8	9	10
DISTRICT 3	28	22	22	19	26	23
DISTRICT 4	45	46	47	42	41	44
DISTRICT 5	9	9	15	15	13	12
DISTRICT 6	14	21	23	17	14	16
DISTRICT 7B	21	22	19	17	16	19
DISTRICT 7C	14	13	12	12	11	12
DISTRICT 8	44	43	49	48	48	46
DISTRICT 8A	30	27	28	29	35	30
DISTRICT 9	5	8	7	8	7	7
DISTRICT 10	12	15	13	16	15	14
TOTAL TEXAS	254	257	266	254	256	257
UTAH	4	4	6	7	5	5
VERMONT	0	0	0	0	0	0
VIRGINIA	4	3	2	2	2	3
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	7	7	12	14	12	10
WYOMING	21	29	29	26	28	27
TOTAL UNITED STATES	758	757	814	800	813	788
CANADA	96	111	115	131	144	120
CANADA-OFFSHORE	2	2	2	3	3	2
GRAND TOTAL	856	870	931	934	960	911

Gulf 79

Land 682
Inland 22
Offshore 85

YTD AVERAGE

1987 1986

U.S. 798 1115
Canada 139 232
Total 937 1347

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
MAY - 1987

	MAY 4	MAY 11	MAY 18	MAY 26	MAY AVG
ALABAMA-LAND	5	5	4	4	5
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	4	4	4	4	4
TOTAL ALABAMA	9	9	8	8	9
ALASKA-LAND	6	6	5	5	6
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	7	7	6	6	7
ARIZONA	0	0	0	0	0
ARKANSAS	9	8	10	11	10
CALIFORNIA-LAND	56	58	57	56	57
CALIFORNIA-OFFSHORE	7	6	6	5	6
TOTAL CALIFORNIA	63	64	63	61	63
COLORADO	14	11	13	17	14
FLORIDA-LAND	0	1	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	0	1	0	0	0
GEORGIA	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	2	2	2	3	2
INDIANA	1	1	1	0	1
IOWA	1	1	1	1	1
KANSAS	48	45	44	44	45
KENTUCKY	0	0	0	0	0
N LOUISIANA-LAND	8	8	4	5	6
S LOUISIANA-INL WATER	18	17	15	18	17
S LOUISIANA-LAND	32	29	29	29	30
S LOUISIANA-OFFSHORE	43	49	51	61	51
TOTAL LOUISIANA	101	103	99	113	104
MICHIGAN	19	19	16	18	18
MINNESOTA	0	0	0	0	0
MISSISSIPPI	11	10	13	13	12
MONTANA	3	5	5	5	5
NEBRASKA	7	5	5	5	6
NEVADA	2	2	2	1	2
NEW MEXICO	24	22	21	23	23
NEW YORK	2	1	1	1	1
N DAKOTA	5	5	5	8	6
OHIO	5	9	8	6	7
OKLAHOMA	132	129	125	117	126
OREGON	0	0	0	0	0
PENNSYLVANIA	7	8	9	10	9
S DAKOTA	0	0	0	0	0
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	13	12	13	17	14
TEXAS-INL WATER	0	0	0	0	0
DISTRICT 1	3	2	5	5	4
DISTRICT 2	12	11	8	9	10
DISTRICT 3	33	32	30	23	30
DISTRICT 4	41	39	38	38	39
DISTRICT 5	15	17	12	12	14
DISTRICT 6	22	19	18	19	20
DISTRICT 7B	8	13	13	18	13
DISTRICT 7C	11	15	17	17	15
DISTRICT 8	47	46	42	50	46
DISTRICT 8A	32	32	31	28	31
DISTRICT 9	9	6	7	4	7
DISTRICT 10	15	12	15	13	14
TOTAL TEXAS	261	256	249	253	255
UTAH	4	7	6	6	6
VERMONT	0	0	0	0	0
VIRGINIA	2	2	2	4	3
WASHINGTON	0	0	0	0	0
W VIRGINIA	9	8	7	8	8
WYOMING	32	27	23	20	26
TOTAL UNITED STATES	780	767	744	762	763
CANADA-LAND	36	52	70	80	60
CANADA-OFFSHORE	2	1	1	1	1
GRAND TOTAL	818	820	815	843	824

Inland - 17
Offshore - 76
Land - 671
6417 - 65

YTD Average

1987 1986

U.S. 800 Unavailable
Can. 143 "

Total 943 Unavailable

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
APRIL - 1987

	APR 6	APR 13	APR 20	APR 27	APR AVG
ALABAMA-LAND	5	5	6	4	5
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	4	3
TOTAL ALABAMA	8	8	9	8	8
ALASKA-LAND	6	6	6	6	6
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	7	7	7	7	7
ARIZONA	0	0	0	0	0
ARKANSAS	7	4	3	8	6
CALIFORNIA-LAND	45	43	44	47	45
CALIFORNIA-OFFSHORE	8	7	7	7	7
TOTAL CALIFORNIA	53	50	51	54	52
COLORADO	23	17	14	16	18
FLORIDA-LAND	1	0	0	0	0
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	1	0	0	0	0
GEORGIA	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	2	2	2	2	2
INDIANA	1	1	1	1	1
IOWA	0	0	1	1	1
KANSAS	26	31	40	46	36
KENTUCKY	0	0	0	0	0
N LOUISIANA-LAND	11	11	11	9	11
S LOUISIANA-INL WATER	16	17	19	18	18
S LOUISIANA-LAND	26	30	31	31	30
S LOUISIANA-OFFSHORE	46	42	45	46	45
TOTAL LOUISIANA	99	100	106	104	102
MICHIGAN	11	15	18	20	16
MINNESOTA	0	0	0	0	0
MISSISSIPPI	9	12	12	12	11
MONTANA	9	5	6	4	6
NEBRASKA	0	0	3	3	2
NEVADA	2	2	2	2	2
NEW MEXICO	23	23	22	23	23
NEW YORK	1	1	0	2	1
N DAKOTA	5	6	6	6	6
OHIO	10	7	5	7	7
OKLAHOMA	139	150	146	131	142
OREGON	0	0	0	0	0
PENNSYLVANIA	9	8	4	6	7
S DAKOTA	0	0	0	0	0
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	16	17	18	16	17
TEXAS-INL WATER	1	0	0	0	0
DISTRICT 1	4	3	1	3	3
DISTRICT 2	10	12	10	10	11
DISTRICT 3	26	27	33	32	30
DISTRICT 4	35	33	30	37	34
DISTRICT 5	9	13	14	14	13
DISTRICT 6	23	20	20	20	21
DISTRICT 7B	17	17	16	12	16
DISTRICT 7C	11	13	12	11	12
DISTRICT 8	51	50	46	44	48
DISTRICT 8A	36	34	35	34	35
DISTRICT 9	12	9	7	10	10
DISTRICT 10	12	15	15	13	14
TOTAL TEXAS	263	263	257	256	260
UTAH	4	4	3	3	4
VERMONT	0	0	0	0	0
VIRGINIA	0	0	0	2	1
WASHINGTON	0	0	0	0	0
W VIRGINIA	12	6	6	8	8
WYOMING	28	27	26	33	29
TOTAL UNITED STATES	752	749	750	765	754
CANADA-LAND	84	65	45	39	58
CANADA-OFFSHORE	1	1	2	2	2
GRAND TOTAL	837	815	797	806	814

Inland 18
offshore 73
Land 663
754

Gulf 65

YTD Average
1987 1986

U.S. 809 1,314
Can. 163 327
Total 972 1,641

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
MARCH 1987

	MAR 2	MAR 9	MAR 16	MAR 23	MAR 30	MAR AVG
ALABAMA-LAND	5	5	5	5	4	5
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	2	2	2	2	3	2
TOTAL ALABAMA	7	7	7	7	7	7
ALASKA-LAND	6	5	5	6	6	6
ALASKA-OFFSHORE	1	1	1	1	1	1
TOTAL ALASKA	7	6	6	7	7	7
ARIZONA	0	0	0	0	0	0
ARKANSAS	7	5	7	7	8	7
CALIFORNIA-LAND	35	39	39	42	47	40
CALIFORNIA-OFFSHORE	8	8	7	7	8	8
TOTAL CALIFORNIA	43	47	46	49	55	48
COLORADO	23	24	20	18	20	21
FLORIDA-LAND	0	0	0	0	1	0
FLORIDA-INL WATER	1	1	1	1	0	0.8
FLORIDA-OFFSHORE	0	0	0	0	0	0
TOTAL FLORIDA	1	1	1	1	1	1
GEORGIA	0	0	0	0	0	0
IDAHO	0	0	0	0	0	0
ILLINOIS	6	6	2	2	2	4
INDIANA	2	2	1	1	1	1
IOWA	0	0	0	0	0	0
KANSAS	43	48	44	44	33	42
KENTUCKY	0	0	0	0	0	0
N LOUISIANA-LAND	9	9	10	12	14	11
S LOUISIANA-INL WATER	16	16	16	16	17	16
S LOUISIANA-LAND	36	32	27	26	27	30
S LOUISIANA-OFFSHORE	47	48	46	48	51	48
TOTAL LOUISIANA	108	105	99	102	109	105
MICHIGAN	25	28	25	17	14	22
MINNESOTA	0	0	0	0	0	0
MISSISSIPPI	10	9	10	10	11	10
MONTANA	7	6	6	7	6	6
NEBRASKA	3	3	5	3	2	3
NEVADA	2	2	1	0	0	1
NEW MEXICO	33	32	31	32	32	32
NEW YORK	1	0	1	1	0	1
N DAKOTA	8	8	6	6	5	7
OHIO	31	22	16	11	6	17
OKLAHOMA	124	111	124	135	119	123
OREGON	0	0	0	0	0	0
PENNSYLVANIA	19	19	17	14	12	16
S DAKOTA	0	0	0	0	0	0
TENNESSEE	0	0	0	0	0	0
TEXAS-OFFSHORE	19	19	18	16	15	17
TEXAS-INL WATER	0	0	1	1	2	1
DISTRICT 1	6	5	4	6	4	5
DISTRICT 2	9	7	7	9	10	8
DISTRICT 3	24	27	31	29	25	27
DISTRICT 4	32	28	30	31	33	31
DISTRICT 5	9	10	9	7	9	9
DISTRICT 6	20	17	25	24	23	22
DISTRICT 7B	9	10	12	19	19	14
DISTRICT 7C	7	6	9	8	8	8
DISTRICT 8	55	45	45	51	51	49
DISTRICT 8A	27	26	29	35	33	30
DISTRICT 9	14	11	9	13	12	12
DISTRICT 10	19	16	19	20	18	18
TOTAL TEXAS	250	227	248	269	262	251
UTAH	3	2	1	3	3	2
VERMONT	0	0	0	0	0	0
VIRGINIA	0	0	0	0	0	0
WASHINGTON	0	0	0	0	0	0
W VIRGINIA	16	18	15	14	12	15
WYOMING	22	28	22	24	21	23
TOTAL UNITED STATES	801	766	761	784	748	772
CANADA	163	179	180	182	130	167
CANADA-OFFSHORE	1	1	1	1	1	1
GRAND TOTAL	965	946	942	967	879	940

Island 25
Offshore 76
Land 671
772
Gulf 67

YTD AVERAGE

	1987	1986
U.S.	826	1439
Canada	194	407

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

ROTARY RIGS RUNNING - BY STATE
FEBRUARY - 1987

	FEB 2	FEB 9	FEB 16	FEB 23	FEB AVG
ALABAMA-LAND	3	2	4	4	3
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	2	2	2	2	2
TOTAL ALABAMA	5	4	6	6	5
ALASKA-LAND	7	7	7	7	7
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	8	8	8	8	8
ARIZONA	0	0	0	0	0
ARKANSAS	7	7	4	9	7
CALIFORNIA-LAND	39	39	38	36	38
CALIFORNIA-OFFSHORE	7	5	5	8	6
TOTAL CALIFORNIA	46	44	43	44	44
COLORADO	11	12	13	15	13
FLORIDA	2	2	2	2	2
FLORIDA-INL WATER	1	1	1	1	1
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	3	3	3	3	3
GEORGIA	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	3	3	6	6	5
INDIANA	1	1	2	2	2
IOWA	0	0	0	0	0
KANSAS	37	40	41	42	40
KENTUCKY	2	2	2	0	2
N LOUISIANA	15	14	10	8	12
S LOUISIANA-INL WATER	21	21	17	17	19
S LOUISIANA-LAND	36	30	31	34	33
S LOUISIANA-OFFSHORE	55	46	46	45	48
TOTAL LOUISIANA	127	111	104	104	112
MICHIGAN	29	31	33	31	31
MINNESOTA	0	0	0	0	0
MISSISSIPPI	15	14	15	10	14
MONTANA	6	5	5	8	6
NEBRASKA	2	4	5	5	4
NEVADA	1	2	2	2	2
NEW MEXICO	25	24	27	34	28
NEW YORK	2	1	1	1	1
N DAKOTA	7	8	6	8	7
OHIO	44	46	46	42	45
OKLAHOMA	122	116	120	124	121
OREGON	0	0	0	0	0
PENNSYLVANIA	15	16	17	19	17
S DAKOTA	0	1	1	0	1
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	17	17	19	19	18
TEXAS-INL WATER	1	1	1	1	1
DISTRICT 1	3	5	6	10	6
DISTRICT 2	6	9	11	12	10
DISTRICT 3	28	26	27	24	26
DISTRICT 4	38	35	36	37	37
DISTRICT 5	5	9	11	9	9
DISTRICT 6	27	25	26	28	27
DISTRICT 7B	10	13	12	9	11
DISTRICT 7C	14	8	9	10	10
DISTRICT 8	49	50	48	53	50
DISTRICT 8A	37	33	25	27	31
DISTRICT 9	13	15	13	12	13
DISTRICT 10	16	14	20	23	18
TOTAL TEXAS	264	260	264	274	266
UTAH	7	6	3	2	5
VERMONT	0	0	0	0	0
VIRGINIA	2	0	0	0	1
WASHINGTON	0	0	0	0	0
W VIRGINIA	15	14	14	20	16
WYOMING	20	19	15	20	19
TOTAL UNITED STATES	826	802	806	839	818
CANADA	138	125	136	149	137
CANADA-OFFSHORE	1	1	1	1	1
GRAND TOTAL	965	928	943	989	956

Inland 21
Offshore 75
Land 722
818

Gulf 68

YTD AVERAGE

	1987	1986
U.S.	859	1627
CANADA	211	445
Total	1070	2692

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

ROTARY RIGS RUNNING - BY STATE
JANUARY, 1987

	JAN 5	JAN 12	JAN 19	JAN 26	JAN AVG
ALABAMA-LAND	5	5	5	4	5
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	2	2	2	2	2
TOTAL ALABAMA	7	7	7	6	7
ALASKA-LAND	6	5	6	7	6
ALASKA-OFFSHORE	1	1	0	1	1
TOTAL ALASKA	7	6	6	8	7
ARIZONA	0	0	0	0	0
ARKANSAS	4	9	7	5	6
CALIFORNIA-LAND	47	42	40	38	42
CALIFORNIA-OFFSHORE	7	7	8	8	8
TOTAL CALIFORNIA	54	49	48	46	49
COLORADO	34	26	24	23	27
FLORIDA	3	3	3	3	3
FLORIDA-INL WATER	0	0	0	1	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	3	3	3	4	3
GEORGIA	0	0	0	0	0
IDAHO	0	0	0	0	0
ILLINOIS	3	3	3	3	3
INDIANA	2	2	1	1	2
IOWA	0	0	0	0	0
KANSAS	52	44	43	37	44
KENTUCKY	1	1	2	2	2
N LOUISIANA	8	11	11	16	12
S LOUISIANA-INL WATER	21	25	21	20	22
S LOUISIANA-LAND	37	43	38	32	38
S LOUISIANA-OFFSHORE	60	54	59	59	58
TOTAL LOUISIANA	126	133	129	127	129
MICHIGAN	28	28	30	27	28
MINNESOTA	1	0	0	0	0
MISSISSIPPI	7	7	9	9	8
MONTANA	8	5	3	7	6
NEBRASKA	4	4	4	5	4
NEVADA	1	0	0	1	1
NEW MEXICO	33	38	35	27	33
NEW YORK	4	3	3	1	3
N DAKOTA	13	13	9	8	11
OHIO	31	25	30	37	31
OKLAHOMA	150	144	136	116	137
OREGON	0	0	0	0	0
PENNSYLVANIA	19	14	17	17	17
S DAKOTA	1	0	0	1	1
TENNESSEE	0	0	0	0	0
TEXAS-OFFSHORE	21	19	18	18	19
TEXAS-INL WATER	1	0	1	1	1
DISTRICT 1	5	5	3	2	4
DISTRICT 2	13	12	11	6	11
DISTRICT 3	24	29	26	29	27
DISTRICT 4	41	42	41	38	41
DISTRICT 5	12	10	6	8	9
DISTRICT 6	22	30	35	30	29
DISTRICT 7B	16	14	11	13	14
DISTRICT 7C	11	15	17	15	15
DISTRICT 8	62	48	51	51	53
DISTRICT 8A	31	31	34	34	33
DISTRICT 9	14	19	16	14	16
DISTRICT 10	23	23	20	20	22
TOTAL TEXAS	296	297	290	279	291
UTAH	10	9	7	5	8
VERMONT	0	0	0	0	0
VIRGINIA	2	0	2	2	2
WASHINGTON	0	0	0	0	0
W VIRGINIA	22	16	14	15	17
WYOMING	39	30	24	18	28
TOTAL UNITED STATES	962	916	886	837	900
CANADA	358	345	251	177	283
CANADA-OFFSHORE	1	1	1	1	1
GRAND TOTAL	1321	1262	1138	1015	1184

Inland 23
Offshore 88
Land 789

900

Gulf 79

YTD AVERAGE

U.S.	900	1810
Canada	284	437
Total	1184	2247

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.