

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
DECEMBER 1988

	DEC 5	DEC 12	DEC 19	DEC 26	DEC AVG
ALABAMA-LAND	9	10	9	9	9
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	4	4	4	2	4
TOTAL ALABAMA	13	14	13	11	13
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	5	4	3	3	4
CALIFORNIA-LAND	42	45	46	42	44
CALIFORNIA-OFFSHORE	7	7	7	7	7
TOTAL CALIFORNIA	49	52	53	49	51
COLORADO	29	28	30	27	29
FLORIDA-LAND	1	2	2	2	2
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	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	40	42	44	44	43
KENTUCKY	8	8	9	9	9
N LOUISIANA-LAND	14	15	17	17	16
S LOUISIANA-INL WATER	18	18	18	15	17
S LOUISIANA-LAND	34	37	38	41	38
S LOUISIANA-OFFSHORE	93	88	89	91	90
TOTAL LOUISIANA	159	158	162	164	161
MARYLAND	0	0	0	0	0
MICHIGAN	10	10	12	10	11
MISSISSIPPI	19	20	24	26	22
MISSOURI	0	0	0	0	0
MONTANA	9	9	6	6	8
NEBRASKA	0	3	1	2	2
NEVADA	3	3	3	3	3
NEW MEXICO	31	38	37	36	36
NEW YORK	1	1	1	1	1
N DAKOTA	12	13	15	9	12
OHIO	14	16	19	23	18
OKLAHOMA	131	128	130	137	132
OREGON	0	0	0	0	0
PENNSYLVANIA	30	31	31	31	31
S DAKOTA	1	1	1	1	1
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	29	23	22	21	24
TEXAS-INL WATER	0	0	1	1	1
DISTRICT 1	2	2	1	2	2
DISTRICT 2	14	10	8	11	11
DISTRICT 3	26	30	31	36	31
DISTRICT 4	36	36	38	41	38
DISTRICT 5	9	9	9	9	9
DISTRICT 6	40	41	32	30	36
DISTRICT 7B	12	10	7	7	9
DISTRICT 7C	17	15	12	15	15
DISTRICT 8	39	44	41	35	40
DISTRICT 8A	19	22	18	21	20
DISTRICT 9	16	19	20	22	19
DISTRICT 10	13	12	16	17	15
TOTAL TEXAS	272	273	256	268	267
UTAH	6	5	5	3	5
VIRGINIA	2	2	2	2	2
WASHINGTON	1	1	1	2	1
W VIRGINIA	18	15	23	18	18
WYOMING	26	28	30	36	30
TOTAL UNITED STATES	905	922	930	940	924
CANADA-LAND	129	135	131	118	128
CANADA-OFFSHORE	2	2	2	2	2
GRAND TOTAL	1036	1059	1063	1060	1055

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
NOVEMBER 1988

	NOV 7	NOV 14	NOV 21	NOV 28	NOV AVG
ALABAMA-LAND	13	12	15	13	13
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	4	4	4
TOTAL ALABAMA	16	15	19	17	17
ALASKA-LAND	8	8	10	10	9
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	9	9	11	11	10
ARIZONA	0	0	0	0	0
ARKANSAS	9	7	7	8	8
CALIFORNIA-LAND	45	42	43	43	43
CALIFORNIA-OFFSHORE	7	7	7	7	7
TOTAL CALIFORNIA	52	49	50	50	50
COLORADO	34	30	31	30	31
FLORIDA-LAND	1	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0
TOTAL FLORIDA	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	43	41	43	43
KENTUCKY	8	6	8	8	8
N LOUISIANA-LAND	15	13	18	16	16
S LOUISIANA-INL WATER	19	18	17	17	18
S LOUISIANA-LAND	30	33	39	41	36
S LOUISIANA-OFFSHORE	85	85	91	91	88
TOTAL LOUISIANA	149	149	165	165	157
MARYLAND	0	0	0	0	0
MICHIGAN	16	17	14	11	15
MISSISSIPPI	13	15	12	13	13
MISSOURI	0	0	0	0	0
MONTANA	8	6	7	8	7
NEBRASKA	4	4	2	2	3
NEVADA	2	3	3	3	3
NEW MEXICO	41	37	35	36	37
NEW YORK	1	1	1	1	1
N DAKOTA	15	12	14	13	14
OHIO	15	11	12	11	12
OKLAHOMA	116	119	129	123	122
OREGON	1	1	1	1	1
PENNSYLVANIA	28	30	28	30	29
S DAKOTA	0	1	1	1	1
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	31	28	28	28	29
TEXAS-INL WATER	1	0	0	0	0
DISTRICT 1	5	2	2	2	3
DISTRICT 2	19	15	14	13	15
DISTRICT 3	23	25	23	24	24
DISTRICT 4	28	35	38	32	33
DISTRICT 5	11	11	11	11	11
DISTRICT 6	44	48	38	40	43
DISTRICT 7B	12	7	11	10	10
DISTRICT 7C	22	18	18	17	19
DISTRICT 8	32	31	42	45	38
DISTRICT 8A	27	25	23	22	24
DISTRICT 9	19	13	14	16	16
DISTRICT 10	22	18	14	12	17
TOTAL TEXAS	296	276	276	272	280
UTAH	4	2	4	4	4
VIRGINIA	3	3	2	2	3
WASHINGTON	1	1	1	1	1
W VIRGINIA	20	18	19	16	18
WYOMING	31	26	24	25	27
TOTAL UNITED STATES	942	897	923	911	918
CANADA-LAND	195	167	140	107	152
CANADA-OFFSHORE	2	2	2	2	2
GRAND TOTAL	1139	1066	1065	1020	1073

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
OCTOBER 1988

	OCT 3	OCT 10	OCT 17	OCT 24	OCT 31	OCT AVG
ALABAMA-LAND	5	7	8	14	15	10
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3	3
TOTAL ALABAMA	8	10	11	17	18	13
ALASKA-LAND	10	10	9	9	9	9
ALASKA-OFFSHORE	4	3	3	3	3	3
TOTAL ALASKA	14	13	12	12	12	13
ARIZONA	0	0	0	0	0	0
ARKANSAS	6	11	11	12	6	9
CALIFORNIA-LAND	53	56	52	53	46	52
CALIFORNIA-OFFSHORE	6	6	6	7	7	6
TOTAL CALIFORNIA	59	62	58	60	53	58
COLORADO	29	35	36	37	38	35
FLORIDA-LAND	0	0	1	1	1	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	0	0	0	0
TOTAL FLORIDA	0	0	1	1	1	1
IDAHO	1	1	1	1	0	1
ILLINOIS	3	0	2	3	4	2
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	46	39	38	45	42	42
KENTUCKY	6	6	6	6	5	6
N LOUISIANA-LAND	17	18	13	14	13	15
S LOUISIANA-INL WATER	17	18	18	18	17	18
S LOUISIANA-LAND	36	35	32	31	35	34
S LOUISIANA-OFFSHORE	77	80	85	84	81	81
TOTAL LOUISIANA	147	151	148	147	146	148
MARYLAND	0	0	0	0	0	0
MICHIGAN	17	13	11	14	15	14
MISSISSIPPI	13	14	20	20	16	17
MISSOURI	0	0	0	0	0	0
MONTANA	10	8	4	7	8	7
NEBRASKA	3	3	2	2	1	2
NEVADA	1	1	1	2	2	1
NEW MEXICO	35	40	43	41	44	41
NEW YORK	1	0	0	0	0	0
N CAROLINA	0	0	0	1	0	0
N DAKOTA	12	13	12	9	11	11
OHIO	20	17	12	11	13	15
OKLAHOMA	107	107	117	108	107	109
OREGON	1	1	1	1	1	1
PENNSYLVANIA	26	26	26	21	26	25
S DAKOTA	1	1	1	1	0	1
TENNESSEE	1	1	1	1	1	1
TEXAS-OFFSHORE	31	30	28	28	29	29
TEXAS-INL WATER	2	1	2	2	1	2
DISTRICT 1	4	5	4	1	5	4
DISTRICT 2	15	13	11	11	17	13
DISTRICT 3	21	22	24	26	25	24
DISTRICT 4	30	34	31	31	33	32
DISTRICT 5	15	12	13	13	12	13
DISTRICT 6	40	32	37	47	45	40
DISTRICT 7B	16	11	11	10	9	11
DISTRICT 7C	21	20	21	20	21	21
DISTRICT 8	36	40	42	40	33	38
DISTRICT 8A	27	26	29	24	24	26
DISTRICT 9	12	14	14	18	19	15
DISTRICT 10	15	18	16	23	24	19
TOTAL TEXAS	285	278	283	294	297	287
UTAH	8	7	4	2	3	5
VIRGINIA	2	3	3	2	2	2
WASHINGTON	1	1	1	1	1	1
W VIRGINIA	20	18	19	16	17	18
WYOMING	35	34	40	38	33	36
TOTAL UNITED STATES	918	914	925	933	923	923
CANADA-LAND	255	206	192	156	151	192
CANADA-OFFSHORE	1	1	1	2	2	1
GRAND TOTAL	1174	1121	1118	1091	1076	1116

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

ROTARY RIGS RUNNING - BY STATE
SEPTEMBER 1988

	SEP 6	SEP 12	SEP 19	SEP 26	SEP AVG
ALABAMA-LAND	13	11	10	11	11
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3
TOTAL ALABAMA	16	14	13	14	14
ALASKA-LAND	10	11	11	11	11
ALASKA-OFFSHORE	3	2	3	3	3
TOTAL ALASKA	13	13	14	14	14
ARIZONA	0	0	0	0	0
ARKANSAS	13	9	7	8	9
CALIFORNIA-LAND	56	54	57	53	55
CALIFORNIA-OFFSHORE	8	8	7	7	8
TOTAL CALIFORNIA	64	62	64	60	63
COLORADO	25	27	29	24	26
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
IDAHO	1	1	1	1	1
ILLINOIS	3	3	3	3	3
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	35	34	33	38	35
KENTUCKY	6	6	6	6	6
N LOUISIANA-LAND	20	22	18	17	19
S LOUISIANA-INL WATER	16	19	18	17	18
S LOUISIANA-LAND	33	30	27	34	31
S LOUISIANA-OFFSHORE	80	80	77	80	79
TOTAL LOUISIANA	149	151	140	148	147
MARYLAND	0	0	0	0	0
MICHIGAN	14	13	14	15	14
MISSISSIPPI	13	17	15	16	15
MISSOURI	0	0	0	0	0
MONTANA	10	6	8	10	9
NEBRASKA	4	4	3	4	4
NEVADA	2	2	1	1	2
NEW MEXICO	29	28	30	37	31
NEW YORK	1	2	2	2	2
N DAKOTA	12	10	14	11	12
OHIO	12	17	20	19	17
OKLAHOMA	128	129	126	113	124
OREGON	1	1	1	1	1
PENNSYLVANIA	18	19	23	23	21
S DAKOTA	1	2	2	1	2
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	28	28	30	30	29
TEXAS-INL WATER	2	2	2	2	2
DISTRICT 1	4	5	5	5	5
DISTRICT 2	15	18	12	15	15
DISTRICT 3	25	25	22	25	24
DISTRICT 4	39	42	34	34	37
DISTRICT 5	14	13	15	16	15
DISTRICT 6	31	29	36	38	34
DISTRICT 7B	13	17	15	17	16
DISTRICT 7C	13	15	17	17	16
DISTRICT 8	48	43	41	39	43
DISTRICT 8A	22	20	25	23	23
DISTRICT 9	19	18	13	12	16
DISTRICT 10	16	18	16	15	16
TOTAL TEXAS	289	293	283	288	288
UTAH	5	4	4	4	4
VIRGINIA	3	3	1	2	2
WASHINGTON	1	1	1	1	1
W VIRGINIA	20	21	21	20	21
WYOMING	44	45	41	32	41
TOTAL UNITED STATES	933	938	921	917	927
CANADA-LAND	229	252	262	272	254
CANADA-OFFSHORE	3	3	3	3	3
GRAND TOTAL	1165	1193	1186	1192	1184

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
AUGUST 1988

	AUG 1	AUG 8	AUG 15	AUG 22	AUG 29	AUG AVG
ALABAMA-LAND	9	10	9	13	14	11
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3	3
TOTAL ALABAMA	12	13	12	16	17	14
ALASKA-LAND	10	10	8	11	10	10
ALASKA-OFFSHORE	2	4	2	3	3	3
TOTAL ALASKA	12	14	10	14	13	13
ARIZONA	0	0	0	0	0	0
ARKANSAS	11	13	13	16	13	13
CALIFORNIA-LAND	59	59	57	58	58	58
CALIFORNIA-OFFSHORE	8	8	8	8	8	8
TOTAL CALIFORNIA	67	67	65	66	66	66
COLORADO	25	30	26	25	27	27
FLORIDA-LAND	1	1	1	1	0	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	0	0	1
TOTAL FLORIDA	2	2	2	1	0	1
IDAHO	1	1	1	1	1	1
ILLINOIS	3	3	3	3	3	3
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	33	34	38	39	35	36
KENTUCKY	6	7	5	7	6	6
N LOUISIANA-LAND	14	17	17	17	16	16
S LOUISIANA-INL WATER	25	24	27	28	24	25
S LOUISIANA-LAND	30	34	29	27	30	30
S LOUISIANA-OFFSHORE	87	85	85	79	82	84
TOTAL LOUISIANA	156	160	158	149	152	155
MARYLAND	0	0	0	0	0	0
MICHIGAN	21	21	23	18	17	20
MISSISSIPPI	16	18	19	19	15	17
MISSOURI	0	0	0	0	0	0
MONTANA	10	11	9	11	12	11
NEBRASKA	2	0	1	2	3	2
NEVADA	3	3	3	3	3	3
NEW MEXICO	47	46	41	30	30	39
NEW YORK	1	1	0	1	1	1
N DAKOTA	15	12	14	15	11	13
OHIO	7	8	11	9	11	9
OKLAHOMA	112	122	118	128	130	122
OREGON	2	2	2	2	2	2
PENNSYLVANIA	15	14	18	18	19	17
S DAKOTA	2	1	1	1	1	1
TENNESSEE	1	1	1	1	1	1
TEXAS-OFFSHORE	18	25	25	26	26	24
TEXAS-INL WATER	5	2	2	2	2	3
DISTRICT 1	6	7	4	5	4	5
DISTRICT 2	7	8	14	13	13	11
DISTRICT 3	23	24	25	28	24	25
DISTRICT 4	43	43	38	36	39	40
DISTRICT 5	13	11	10	10	11	11
DISTRICT 6	19	25	26	26	30	26
DISTRICT 7B	11	12	14	15	12	13
DISTRICT 7C	12	13	14	12	11	12
DISTRICT 8	33	36	39	46	50	41
DISTRICT 8A	21	22	27	22	24	23
DISTRICT 9	17	16	13	13	17	15
DISTRICT 10	12	15	12	10	12	12
TOTAL TEXAS	240	259	263	266	275	261
UTAH	7	11	10	8	7	9
VIRGINIA	1	1	1	2	2	1
WASHINGTON	1	2	2	2	1	2
W VIRGINIA	16	18	20	20	18	18
WYOMING	47	50	50	44	43	47
TOTAL UNITED STATES	894	945	940	937	935	930
CANADA-LAND	191	163	194	188	173	182
CANADA-OFFSHORE	3	3	3	3	3	3
GRAND TOTAL	1088	1111	1137	1128	1111	1115

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
JULY 1988

	JUL 5	JUL 11	JUL 18	JUL 25	JUL AVG
ALABAMA-LAND	6	5	6	6	6
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	3	3	3	3	3
TOTAL ALABAMA	9	8	9	9	9
ALASKA-LAND	9	9	10	10	10
ALASKA-OFFSHORE	2	2	2	2	2
TOTAL ALASKA	11	11	12	12	12
ARIZONA	0	0	0	0	0
ARKANSAS	12	14	12	16	14
CALIFORNIA-LAND	60	62	62	62	62
CALIFORNIA-OFFSHORE	8	8	8	8	8
TOTAL CALIFORNIA	68	70	70	70	70
COLORADO	23	20	23	20	22
FLORIDA-LAND	1	1	0	0	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	1	1	1	1	1
TOTAL FLORIDA	2	2	1	1	2
IDAHO	1	1	1	1	1
ILLINOIS	3	3	3	3	3
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	37	40	43	41	40
KENTUCKY	6	6	6	6	6
N LOUISIANA-LAND	16	13	10	14	13
S LOUISIANA-INL WATER	25	25	25	25	25
S LOUISIANA-LAND	35	34	37	30	34
S LOUISIANA-OFFSHORE	95	96	89	87	92
TOTAL LOUISIANA	171	168	161	156	164
MARYLAND	0	0	0	0	0
MICHIGAN	23	26	26	24	25
MISSISSIPPI	23	23	13	13	18
MISSOURI	0	0	0	0	0
MONTANA	6	6	7	9	7
NEBRASKA	5	5	4	3	4
NEVADA	1	1	3	3	2
NEW MEXICO	38	39	39	42	40
NEW YORK	1	1	0	0	1
N DAKOTA	16	16	15	14	15
OHIO	7	8	7	9	8
OKLAHOMA	129	129	111	117	122
OREGON	1	1	1	2	1
PENNSYLVANIA	16	17	16	16	16
S DAKOTA	1	1	2	2	2
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	19	20	19	20	20
TEXAS-INL WATER	3	3	5	5	4
DISTRICT 1	5	4	4	6	5
DISTRICT 2	10	10	6	9	9
DISTRICT 3	20	17	22	21	20
DISTRICT 4	39	37	43	42	40
DISTRICT 5	6	7	8	10	8
DISTRICT 6	18	22	19	21	20
DISTRICT 7B	10	10	12	9	10
DISTRICT 7C	15	15	15	16	15
DISTRICT 8	38	35	37	35	36
DISTRICT 8A	31	29	26	25	28
DISTRICT 9	23	23	24	21	23
DISTRICT 10	13	13	9	9	11
TOTAL TEXAS	250	245	249	249	248
UTAH	6	7	5	7	6
VIRGINIA	1	1	0	0	1
WASHINGTON	1	1	1	1	1
W VIRGINIA	14	14	14	14	14
WYOMING	38	41	44	42	41
TOTAL UNITED STATES	921	926	899	903	912
CANADA-LAND	205	177	154	161	174
CANADA-OFFSHORE	4	3	3	3	3
GRAND TOTAL	1130	1106	1056	1067	1090

OFFSHORE
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NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
JUNE 1988

	JUN 6	JUN 13	JUN 20	JUN 27	JUN AVG
ALABAMA-LAND	3	2	2	3	3
ALABAMA-INL WATER	0	0	0	0	0
ALABAMA-OFFSHORE	4	3	3	3	3
TOTAL ALABAMA	7	5	5	6	6
ALASKA-LAND	10	9	9	9	9
ALASKA-OFFSHORE	4	4	4	4	4
TOTAL ALASKA	14	13	13	13	13
ARIZONA	0	0	0	0	0
ARKANSAS	6	8	13	11	10
CALIFORNIA-LAND	60	60	58	61	60
CALIFORNIA-OFFSHORE	5	7	8	8	7
TOTAL CALIFORNIA	65	67	66	69	67
COLORADO	22	19	22	21	21
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	1	1	1	1	1
ILLINOIS	3	3	3	3	3
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	44	40	41	39	41
KENTUCKY	4	6	6	6	6
N LOUISIANA-LAND	11	11	13	16	13
S LOUISIANA-INL WATER	27	27	23	22	25
S LOUISIANA-LAND	34	35	39	34	35
S LOUISIANA-OFFSHORE	94	95	88	90	92
TOTAL LOUISIANA	166	168	163	162	165
MARYLAND	0	0	0	0	0
MICHIGAN	19	22	19	19	20
MISSISSIPPI	24	22	23	21	23
MISSOURI	0	0	0	0	0
MONTANA	9	6	6	5	7
NEBRASKA	3	4	3	5	4
NEVADA	2	1	1	1	1
NEW MEXICO	38	45	43	37	41
NEW YORK	1	1	1	1	1
N DAKOTA	17	17	17	17	17
OHIO	5	4	4	7	5
OKLAHOMA	119	108	109	127	116
OREGON	0	0	0	1	0
PENNSYLVANIA	11	13	13	16	13
S DAKOTA	1	0	0	0	0
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	17	17	17	16	17
TEXAS-INL WATER	3	3	3	3	3
DISTRICT 1	7	5	6	5	6
DISTRICT 2	9	10	6	8	8
DISTRICT 3	23	21	25	23	23
DISTRICT 4	41	37	39	35	38
DISTRICT 5	7	6	7	8	7
DISTRICT 6	24	27	30	22	26
DISTRICT 7B	16	12	10	9	12
DISTRICT 7C	13	14	19	16	16
DISTRICT 8	48	49	47	46	48
DISTRICT 8A	36	36	34	27	33
DISTRICT 9	9	11	17	20	14
DISTRICT 10	11	14	16	14	14
TOTAL TEXAS	264	262	276	252	264
UTAH	6	4	5	5	5
VIRGINIA	1	1	1	1	1
WASHINGTON	1	1	1	1	1
W VIRGINIA	8	10	10	7	9
WYOMING	34	34	36	37	35
TOTAL UNITED STATES	898	889	905	894	897
CANADA-LAND	188	193	165	196	186
CANADA-OFFSHORE	4	4	4	4	4
GRAND TOTAL	1090	1086	1074	1094	1086

OFFSHORE
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NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

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HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
MAY 1988

	MAY 2	MAY 9	MAY 16	MAY 23	MAY 30	MAY AVG
ALABAMA-LAND	3	4	2	4	4	3
ALABAMA-INL WATER	0	0	0	0	0	0
ALABAMA-OFFSHORE	4	4	4	4	4	4
TOTAL ALABAMA	7	8	6	8	8	7
ALASKA-LAND	10	10	10	10	10	10
ALASKA-OFFSHORE	3	3	3	3	4	3
TOTAL ALASKA	13	13	13	13	14	13
ARIZONA	0	0	0	0	0	0
ARKANSAS	4	6	5	4	4	5
CALIFORNIA-LAND	56	56	56	55	64	57
CALIFORNIA-OFFSHORE	6	6	6	6	5	6
TOTAL CALIFORNIA	62	62	62	61	69	63
COLORADO	27	25	23	22	25	24
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	1	1	1	1	1	1
ILLINOIS	3	3	3	3	3	3
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	39	36	36	40	40	38
KENTUCKY	5	5	3	3	4	4
N LOUISIANA-LAND	11	12	13	15	13	13
S LOUISIANA-INL WATER	32	34	31	26	26	30
S LOUISIANA-LAND	32	38	42	37	32	36
S LOUISIANA-OFFSHORE	85	85	85	91	92	88
TOTAL LOUISIANA	160	169	171	169	163	166
MARYLAND	0	0	0	0	0	0
MICHIGAN	12	15	13	20	21	16
MISSISSIPPI	14	15	22	21	26	20
MISSOURI	0	0	0	0	0	0
MONTANA	3	6	6	7	7	6
NEBRASKA	0	1	1	3	3	2
NEVADA	2	1	1	1	1	1
NEW MEXICO	35	33	34	33	37	34
NEW YORK	0	0	2	2	1	1
N DAKOTA	15	14	15	19	16	16
OHIO	2	2	1	4	6	3
OKLAHOMA	128	128	127	116	124	124
OREGON	0	0	0	0	0	0
PENNSYLVANIA	8	8	7	8	10	8
S DAKOTA	0	0	0	1	1	0
TENNESSEE	1	1	1	1	1	1
TEXAS-OFFSHORE	23	21	22	22	19	21
TEXAS-INL WATER	3	3	4	4	4	4
DISTRICT 1	7	7	3	4	8	6
DISTRICT 2	13	10	8	10	10	10
DISTRICT 3	28	28	25	20	22	25
DISTRICT 4	39	39	44	44	38	41
DISTRICT 5	9	9	10	8	7	9
DISTRICT 6	21	23	19	20	25	22
DISTRICT 7B	17	16	12	13	11	14
DISTRICT 7C	23	23	20	19	13	20
DISTRICT 8	46	48	47	50	46	47
DISTRICT 8A	34	36	34	36	36	35
DISTRICT 9	16	18	18	18	16	17
DISTRICT 10	15	13	14	14	11	13
TOTAL TEXAS	294	294	280	282	266	283
UTAH	7	8	7	5	6	7
VIRGINIA	2	2	1	1	1	1
WASHINGTON	1	1	1	1	1	1
W VIRGINIA	6	5	5	6	8	6
WYOMING	29	33	34	35	36	33
TOTAL UNITED STATES	880	897	883	892	905	891
CANADA-LAND	106	121	142	163	190	144
CANADA-OFFSHORE	1	4	4	4	4	3
GRAND TOTAL	987	1022	1029	1059	1099	1039

OFFSHORE
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NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
APRIL 1988

	APR 4	APR 11	APR 18	APR 25	APR AVG
ALABAMA-LAND	3	2	2	3	3
ALABAMA-INL WATER	1	1	0	0	1
ALABAMA-OFFSHORE	5	4	3	4	4
TOTAL ALABAMA	9	7	5	7	7
ALASKA-LAND	12	12	11	10	11
ALASKA-OFFSHORE	0	0	0	1	0
TOTAL ALASKA	12	12	11	11	12
ARIZONA	0	0	0	0	0
ARKANSAS	5	6	7	5	6
CALIFORNIA-LAND	55	57	53	56	55
CALIFORNIA-OFFSHORE	6	6	6	6	6
TOTAL CALIFORNIA	61	63	59	62	61
COLORADO	33	32	34	34	33
FLORIDA-LAND	0	0	1	1	1
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	0	0	1	1	1
TOTAL FLORIDA	0	0	2	2	1
IDAHO	1	1	1	1	1
ILLINOIS	3	3	3	3	3
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	41	44	44	42	43
KENTUCKY	3	3	3	5	4
N LOUISIANA-LAND	10	12	15	12	12
S LOUISIANA-INL WATER	31	29	27	29	29
S LOUISIANA-LAND	38	41	43	38	40
S LOUISIANA-OFFSHORE	90	87	90	90	89
TOTAL LOUISIANA	169	169	175	169	171
MARYLAND	0	0	0	0	0
MICHIGAN	22	20	18	17	19
MISSISSIPPI	14	18	17	15	16
MISSOURI	0	0	0	0	0
MONTANA	8	7	6	5	7
NEBRASKA	2	2	2	1	2
NEVADA	2	2	2	2	2
NEW MEXICO	32	31	36	34	33
NEW YORK	0	0	0	0	0
N DAKOTA	18	17	14	16	16
OHIO	9	4	6	5	6
OKLAHOMA	144	139	134	131	137
OREGON	0	0	0	0	0
PENNSYLVANIA	7	7	6	5	6
S DAKOTA	0	0	0	0	0
TENNESSEE	1	1	1	1	1
TEXAS-OFFSHORE	15	18	19	17	17
TEXAS-INL WATER	11	11	11	12	11
DISTRICT 1	6	4	7	5	6
DISTRICT 2	13	13	15	16	14
DISTRICT 3	24	22	21	25	23
DISTRICT 4	45	42	37	39	41
DISTRICT 5	6	6	7	9	7
DISTRICT 6	21	21	19	16	19
DISTRICT 7B	16	22	18	20	19
DISTRICT 7C	18	13	11	18	15
DISTRICT 8	58	45	50	45	50
DISTRICT 8A	34	33	33	37	34
DISTRICT 9	12	15	9	16	13
DISTRICT 10	17	19	14	15	16
TOTAL TEXAS	296	284	271	290	285
UTAH	7	7	7	7	7
VIRGINIA	2	2	2	2	2
WASHINGTON	0	0	0	0	0
W VIRGINIA	7	5	6	6	6
WYOMING	33	30	32	30	31
TOTAL UNITED STATES	941	916	904	908	917
CANADA-LAND	139	97	83	84	101
CANADA-OFFSHORE	1	1	1	1	1
GRAND TOTAL	1081	1014	988	993	1019

Offshore 117

Gulf 111

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATE
MARCH 1988

	MAR 7	MAR 14	MAR 21	MAR 28	MAR AVG
ALABAMA-LAND	8	8	7	4	7
ALABAMA-INL WATER	1	1	1	1	1
ALABAMA-OFFSHORE	5	5	5	5	5
TOTAL ALABAMA	14	14	13	10	13
ALASKA-LAND	10	10	12	12	11
ALASKA-OFFSHORE	1	1	1	0	1
TOTAL ALASKA	11	11	13	12	12
ARIZONA	0	0	0	0	0
ARKANSAS	5	5	8	8	7
CALIFORNIA-LAND	46	46	50	52	49
CALIFORNIA-OFFSHORE	7	7	5	6	6
TOTAL CALIFORNIA	53	53	55	58	55
COLORADO	30	27	29	28	29
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
IDAHO	2	2	2	1	2
ILLINOIS	4	4	4	3	4
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	38	41	45	45	42
KENTUCKY	3	3	2	2	3
N LOUISIANA-LAND	10	9	11	9	10
S LOUISIANA-INL WATER	32	31	29	31	31
S LOUISIANA-LAND	40	40	40	35	38
S LOUISIANA-OFFSHORE	87	91	90	90	90
TOTAL LOUISIANA	169	171	170	165	169
MARYLAND	0	0	0	0	0
MICHIGAN	26	25	25	22	25
MISSISSIPPI	17	18	18	17	18
MISSOURI	0	0	0	0	0
MONTANA	8	8	8	8	8
NEBRASKA	4	2	2	2	3
NEVADA	2	2	2	3	2
NEW MEXICO	30	25	29	24	27
NEW YORK	0	0	0	0	0
N DAKOTA	17	17	15	16	16
OHIO	21	14	11	9	14
OKLAHOMA	152	138	139	137	142
OREGON	0	0	0	0	0
PENNSYLVANIA	18	15	13	9	14
S DAKOTA	1	0	0	0	0
TENNESSEE	0	0	1	1	1
TEXAS-OFFSHORE	20	17	15	15	17
TEXAS-INL WATER	5	7	9	10	8
DISTRICT 1	5	6	5	6	6
DISTRICT 2	14	9	11	11	11
DISTRICT 3	27	26	29	33	29
DISTRICT 4	46	43	45	46	45
DISTRICT 5	9	9	8	8	9
DISTRICT 6	29	28	22	23	26
DISTRICT 7B	8	11	15	15	12
DISTRICT 7C	19	20	20	19	20
DISTRICT 8	58	57	51	57	56
DISTRICT 8A	38	39	36	35	37
DISTRICT 9	9	10	12	12	11
DISTRICT 10	12	19	18	15	16
TOTAL TEXAS	300	301	296	305	301
UTAH	4	5	5	7	5
VIRGINIA	3	2	2	2	2
WASHINGTON	1	1	0	0	1
W VIRGINIA	5	3	3	5	4
WYOMING	40	39	33	36	37
TOTAL UNITED STATES	978	946	943	935	951
CANADA-LAND	357	356	301	228	311
CANADA-OFFSHORE	3	1	1	1	2
GRAND TOTAL	1338	1303	1245	1164	1263

OFF 119

Gulf 112

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

ROTARY RIGS RUNNING - BY STATE
FEBRUARY 1988

	FEB 1	FEB 8	FEB 15	FEB 22	FEB 29	FEB AVG
ALABAMA-LAND	9	9	9	8	7	8
ALABAMA-INL WATER	1	1	1	1	0	1
ALABAMA-OFFSHORE	5	5	5	5	6	5
TOTAL ALABAMA	15	15	15	14	13	14
ALASKA-LAND	11	10	10	9	10	10
ALASKA-OFFSHORE	1	1	1	1	1	1
TOTAL ALASKA	12	11	11	10	11	11
ARIZONA	0	0	0	0	0	0
ARKANSAS	7	8	8	7	8	8
CALIFORNIA-LAND	45	44	49	49	48	47
CALIFORNIA-OFFSHORE	8	8	8	8	8	8
TOTAL CALIFORNIA	53	52	57	57	56	55
COLORADO	31	30	30	31	28	30
FLORIDA-LAND	1	1	1	1	0	1
FLORIDA-INL WATER	0	0	0	0	0	0
FLORIDA-OFFSHORE	1	0	0	0	0	0
TOTAL FLORIDA	2	1	1	1	0	1
IDAHO	2	2	2	2	2	2
ILLINOIS	8	8	8	8	8	8
INDIANA	0	0	0	0	0	0
IOWA	0	0	0	0	0	0
KANSAS	37	38	33	43	41	38
KENTUCKY	1	2	2	2	2	2
N LOUISIANA-LAND	15	14	12	14	15	14
S LOUISIANA-INL WATER	30	26	30	30	31	29
S LOUISIANA-LAND	49	45	42	39	42	43
S LOUISIANA-OFFSHORE	93	94	88	88	84	89
TOTAL LOUISIANA	187	179	172	171	172	176
MARYLAND	0	0	0	0	0	0
MICHIGAN	27	30	35	34	27	31
MISSISSIPPI	14	14	16	17	17	16
MISSOURI	1	1	1	0	0	1
MONTANA	9	10	8	8	9	9
NEBRASKA	3	5	6	5	3	4
NEVADA	1	0	0	0	0	0
NEW MEXICO	36	38	35	30	28	33
NEW YORK	3	2	1	1	1	2
N CAROLINA	0	0	0	0	0	0
N DAKOTA	15	16	14	16	16	15
OHIO	30	29	24	22	19	25
OKLAHOMA	117	130	135	133	145	132
OREGON	0	0	0	0	0	0
PENNSYLVANIA	21	23	23	23	22	22
S DAKOTA	0	0	0	1	1	0
TEXAS-OFFSHORE	19	22	22	19	19	20
TEXAS-INL WATER	0	0	2	3	3	2
DISTRICT 1	4	5	5	8	5	5
DISTRICT 2	13	11	13	11	12	12
DISTRICT 3	26	23	28	27	27	26
DISTRICT 4	41	42	41	41	42	41
DISTRICT 5	12	12	11	9	11	11
DISTRICT 6	18	18	19	22	26	21
DISTRICT 7B	15	15	13	12	11	13
DISTRICT 7C	13	12	13	12	19	14
DISTRICT 8	58	62	59	55	59	59
DISTRICT 8A	26	30	29	42	43	34
DISTRICT 9	12	13	14	14	11	13
DISTRICT 10	17	19	12	18	16	16
TOTAL TEXAS	274	284	281	293	304	287
UTAH	7	6	6	5	5	6
VIRGINIA	3	3	3	2	2	3
WASHINGTON	1	1	1	1	1	1
W VIRGINIA	8	9	11	9	7	9
WYOMING	39	39	29	32	35	35
TOTAL UNITED STATES	964	986	968	978	983	976
CANADA-LAND	270	292	294	341	348	309
CANADA-OFFSHORE	3	3	3	3	3	3
GRAND TOTAL	1237	1281	1265	1322	1334	1288

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

ROTARY RIGS RUNNING - BY STATE
JANUARY 1988

	JAN 4	JAN 11	JAN 18	JAN 25	JAN AVG
ALABAMA-LAND	14	9	10	9	11
ALABAMA-INL WATER	0	0	0	1	0
ALABAMA-OFFSHORE	7	7	7	6	7
TOTAL ALABAMA	21	16	17	16	18
ALASKA-LAND	11	10	11	10	11
ALASKA-OFFSHORE	1	1	1	1	1
TOTAL ALASKA	12	11	12	11	12
ARIZONA	0	0	0	0	0
ARKANSAS	10	10	9	8	9
CALIFORNIA-LAND	52	56	54	48	53
CALIFORNIA-OFFSHORE	7	8	8	8	8
TOTAL CALIFORNIA	59	64	62	56	60
COLORADO	37	39	37	36	37
FLORIDA-LAND	4	2	2	1	2
FLORIDA-INL WATER	0	0	0	0	0
FLORIDA-OFFSHORE	2	2	2	2	2
TOTAL FLORIDA	6	4	4	3	4
IDAHO	1	2	2	2	2
ILLINOIS	6	6	8	8	7
INDIANA	0	0	0	0	0
IOWA	0	0	0	0	0
KANSAS	41	46	37	39	41
KENTUCKY	5	5	4	4	5
N LOUISIANA-LAND	9	9	10	11	10
S LOUISIANA-INL WATER	37	34	33	33	34
S LOUISIANA-LAND	49	48	47	44	47
S LOUISIANA-OFFSHORE	90	90	94	90	91
TOTAL LOUISIANA	185	181	184	178	182
MARYLAND	0	0	0	0	0
MICHIGAN	22	24	27	30	26
MISSISSIPPI	17	16	17	15	16
MISSOURI	1	1	1	1	1
MONTANA	9	10	9	10	10
NEBRASKA	4	5	4	4	4
NEVADA	1	1	1	1	1
NEW MEXICO	55	52	49	48	51
NEW YORK	5	5	4	3	4
N CAROLINA	0	0	0	0	0
N DAKOTA	20	17	13	17	17
OHIO	34	35	35	38	36
OKLAHOMA	131	125	126	123	126
OREGON	0	0	0	0	0
PENNSYLVANIA	22	21	22	23	22
S DAKOTA	1	0	0	0	0
TEXAS-OFFSHORE	18	19	17	18	18
TEXAS-INL WATER	1	2	2	0	1
DISTRICT 1	2	1	3	3	2
DISTRICT 2	12	9	7	12	10
DISTRICT 3	32	30	26	29	29
DISTRICT 4	43	51	51	49	49
DISTRICT 5	13	16	16	14	15
DISTRICT 6	19	18	18	16	18
DISTRICT 7B	17	17	16	17	17
DISTRICT 7C	23	23	18	15	20
DISTRICT 8	80	68	64	53	66
DISTRICT 8A	43	40	36	32	38
DISTRICT 9	12	16	16	16	15
DISTRICT 10	16	14	17	14	15
TOTAL TEXAS	331	324	307	288	313
UTAH	14	13	10	9	12
VIRGINIA	3	3	3	3	3
WASHINGTON	1	1	1	1	1
W VIRGINIA	13	11	8	8	10
WYOMING	54	54	41	43	48
TOTAL UNITED STATES	1121	1102	1054	1026	1076
CANADA-LAND	164	176	186	226	188
CANADA-OFFSHORE	2	2	2	3	2
GRAND TOTAL	1287	1280	1242	1255	1266

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING.

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