

250.6

HUGHES TOOL COMPANY
ROTARY RIGS RUNNING - BY STATES
DECEMBER, 1980

	DEC 1	DEC 8	DEC 15	DEC 22	DEC 29	DEC AVG
ALABAMA	11	9	9	9	9	9.4
ALASKA	17	23	22	22	22	21.2
ALASKA-OFFSHORE	1	1	1	1	1	1.0
TOTAL ALASKA	18	24	23	23	23	22.2
ARKANSAS	32	34	31	32	31	32.0
ARIZONA	1	1	1	1	1	1.0
CALIFORNIA-LAND	102	109	114	115	117	111.4
CALIFORNIA-OFFSHORE	21	21	22	21	21	21.2
TOTAL CALIFORNIA	123	130	136	136	138	132.6
COLORADO	74	68	67	67	65	68.2
FLORIDA-LAND	3	3	3	3	2	2.8
FLORIDA-OFFSHORE	0	0	0	0	1	0.2
TOTAL FLORIDA	3	3	3	3	3	3.0
GEORGIA-LAND	1	1	1	1	1	1.0
GEORGIA-OFFSHORE	0	0	0	0	0	0.0
TOTAL GEORGIA	1	1	1	1	1	1.0
HAWAII	1	0	0	0	0	0.2
IDaho	2	1	2	2	1	1.6
ILLINOIS	18	19	30	30	30	25.4
INDIANA	0	0	0	0	0	0.0
IOWA	0	0	0	0	1	0.2
KANSAS	152	149	153	158	159	154.2
KENTUCKY	5	5	6	4	4	4.8
N. LOUISIANA	54	52	53	51	49	51.8
S. LOUISIANA-INL. WATERS	78	81	79	83	82	80.6
S. LOUISIANA-LAND	164	165	169	160	162	164.0
S. LOUISIANA-OFFSHORE	149	141	141	148	146	145.0
TOTAL LOUISIANA	445	439	442	442	439	441.4
MARYLAND	0	0	0	1	1	0.4
MASSACHUSETTS-OFFSHORE	0	0	0	0	0	0.0
MICHIGAN	35	32	31	32	32	32.4
MISSISSIPPI	58	65	67	63	66	63.8
MISSOURI	0	0	0	0	0	0.0
MONTANA	64	62	62	66	63	63.4
NEBRASKA	16	16	16	14	18	16.0
NEVADA	6	6	7	7	7	6.6
NEW JERSEY	0	0	0	0	0	0.0
NEW MEXICO	115	121	119	128	124	121.4
NEW YORK	10	11	12	11	9	10.6
N. CAROLINA	0	0	0	0	0	0.0
N. DAKOTA	86	93	94	95	96	92.8
OHIO	90	90	89	92	92	90.6
OKLAHOMA	476	483	495	495	501	490.0
OREGON	1	1	1	1	1	1.0
PENNSYLVANIA	34	33	27	29	31	30.8
RHODE ISLAND-LAND	0	0	0	1	1	0.4
RHODE ISLAND-OFFSHORE	2	2	3	2	2	2.2
TOTAL RHODE ISLAND	2	2	3	3	3	2.6
S. DAKOTA	2	1	2	3	3	2.2
TEHNESEE	1	1	1	1	0	0.8
TEXAS-OFFSHORE	75	80	86	82	82	81.0
DISTRICT 1	43	50	46	51	51	48.2
DISTRICT 2	69	68	67	57	52	62.6
DISTRICT 3	179	176	184	189	191	183.8
DISTRICT 4	102	105	108	112	113	108.0
DISTRICT 5	44	42	43	48	45	44.4
DISTRICT 6	79	82	84	79	87	82.2
DISTRICT 7E	79	78	79	87	85	81.6
DISTRICT 7C	83	86	80	73	69	78.2
DISTRICT 8	120	124	126	127	119	123.2
DISTRICT 8A	75	78	73	82	82	78.0
DISTRICT 9	70	70	69	69	68	69.2
DISTRICT 10	52	53	51	51	52	51.8
TOTAL TEXAS	1070	1092	1096	1107	1096	1092.2
UTAH	53	63	62	62	59	59.8
VIRGINIA	2	2	2	1	1	1.6
WASHINGTON	1	1	1	1	1	1.0
W. VIRGINIA	36	37	43	44	44	40.8
WYOMING	165	167	169	164	173	167.6
TOTAL UNITED STATES	3209	3262	3303	3328	3326	3285.6
W. CANADA	405	395	409	430	339	395.6
E. CANADA	4	4	4	4	4	4.0
GRAND TOTAL	3618	3661	3716	3762	3669	3685.2

	Cum 1980	1979 YTD
U.S.	2,910.3	2,177.2
W. Canada	396.4	334.6
E. Canada	4.7	4.1
	3,311.4	2,515.9

NOTE: MONTHLY AVERAGES MAY NOT TOTAL DUE TO ROUNDING

HUGHES TOOL COMPANY

ROTARY RIGS RUNNING - BY STATES
NOVEMBER, 1980

247.3

	NOV 3	NOV 10	NOV 17	NOV 24	NOV AVG
ALASKA	14	13	13	13	13.3
ALASKA-OFFSHORE	12	13	7	18	12.5
TOTAL ALASKA	1	2	1	2	1.5
ARIZONA	33	31	29	30	30.8
ARIZONA-OFFSHORE	3	2	2	2	2.3
TOTAL ARIZONA	13	15	8	20	14.0
CALIFORNIA-LAND	105	106	106	102	104.8
CALIFORNIA-OFFSHORE	19	21	21	21	20.5
TOTAL CALIFORNIA	124	127	127	123	125.3
COLORADO	75	72	75	71	73.3
FLORIDA-LAND	4	4	4	4	4.0
FLORIDA-OFFSHORE	0	0	0	0	0.0
TOTAL FLORIDA	4	4	4	4	4.0
GEORGIA-OFFSHORE	0	0	0	2	0.5
HAWAII	1	1	1	1	1.0
IDAHO	1	1	2	2	1.5
ILLINOIS	24	24	21	19	22.0
INDIANA	0	0	0	0	0.0
IOWA	0	0	0	0	0.0
KANSAS	147	148	151	152	149.5
KENTUCKY	3	3	4	6	4.0
N. LOUISIANA	58	56	54	54	55.5
S. LOUISIANA-INL. WATERS	79	73	75	76	75.8
S. LOUISIANA-LAND	168	170	171	165	168.5
S. LOUISIANA-OFFSHORE	146	150	149	147	148.0
TOTAL LOUISIANA	451	449	449	442	447.8
MARYLAND	0	0	0	0	0.0
MASSACHUSETTS-OFFSHORE	0	0	0	0	0.0
MAINE	33	30	26	35	31.0
MISSISSIPPI	55	58	61	60	58.5
MISSOURI	0	0	0	0	0.0
MONTANA	68	50	59	67	61.0
NEBRASKA	16	21	16	15	17.0
NEVADA	6	5	5	6	5.5
NEW JERSEY	0	0	0	0	0.0
NEW MEXICO	120	124	121	125	122.5
NEW YORK	7	8	11	10	9.0
N. CAROLINA	0	0	0	0	0.0
N. DAKOTA	79	85	87	84	83.8
OHIO	84	83	87	90	86.0
OKLAHOMA	454	462	465	468	462.3
OREGON	1	1	1	1	1.0
PENNSYLVANIA	38	38	35	34	36.3
RHODE ISLAND-OFFSHORE	2	2	2	2	2.0
S. DAKOTA	2	2	2	2	2.0
TENNESSEE	1	1	1	1	1.0
TEXAS-OFFSHORE	72	75	76	76	74.8
DISTRICT 1	42	45	42	44	43.3
DISTRICT 2	60	58	54	56	57.0
DISTRICT 3	189	182	183	182	184.0
DISTRICT 4	99	103	115	112	107.3
DISTRICT 5	40	44	42	42	42.0
DISTRICT 6	84	82	83	81	82.5
DISTRICT 7B	97	95	89	87	92.0
DISTRICT 7C	74	78	80	79	77.8
DISTRICT 8	126	117	124	125	123.0
DISTRICT 8A	76	78	79	79	78.0
DISTRICT 9	74	72	73	74	73.3
DISTRICT 10	61	53	57	53	56.0
TOTAL TEXAS	1094	1082	1097	1090	1090.8
UTAH	54	55	57	59	56.3
VIRGINIA	2	2	2	2	2.0
WASHINGTON	1	1	1	1	1.0
WEST VIRGINIA	42	35	35	31	35.8
WYOMING	158	174	174	161	166.8
UNITED STATES	3210	3209	3231	3231	3220.3
CANADA	417	411	407	394	407.3
CANADA	8	2	2	2	3.5
GRAND TOTAL	3635	3622	3640	3627	3631.0

	1980 : Cumulative	1979 Year-to-Date
U.S.	2,876.2	2,143.3
W. Can	396.4	328.2
E. Can	4.8	4.3
Total	3,277.4	2,475.8

OCTOBER, 1980

231.5

	OCT 6	OCT 13	OCT 20	OCT 27	OCT AVG
ALABAMA	14	14	14	15	14.3
ALASKA	12	9	9	8	9.5
ALASKA-OFFSHORE	1	1	1	1	1.0
TOTAL ALASKA	13	10	10	9	10.5
KANSAS	35	34	30	32	32.8
ARIZONA	1	1	2	2	1.5
CALIFORNIA-LAND	100	102	109	103	103.5
CALIFORNIA-OFFSHORE	17	18	18	19	18.0
TOTAL CALIFORNIA	117	120	127	122	121.5
COLORADO	75	74	81	76	76.5
FLORIDA-LAND	4	5	4	4	4.3
FLORIDA-OFFSHORE	0	0	0	0	0.0
TOTAL FLORIDA	4	5	4	4	4.3
GEORGIA-OFFSHORE	0	0	0	0	0.0
HAWAII	0	1	1	1	0.8
IDAHO	1	1	1	1	1.0
ILLINOIS	24	27	30	24	26.3
INDIANA	0	0	0	0	0.0
IOWA	0	0	0	0	0.0
KANSAS	142	143	153	145	145.8
KENTUCKY	0	2	2	2	1.5
LOUISIANA	57	53	59	60	57.3
LOUISIANA-INL WATERS	79	81	82	80	80.5
LOUISIANA-LAND	170	181	170	178	174.8
LOUISIANA-OFFSHORE	143	138	135	136	138.0
TOTAL LOUISIANA	449	453	446	454	450.5
MARYLAND	0	0	0	0	0.0
MASSACHUSETTS-OFFSHORE	0	0	0	0	0.0
MICHIGAN	35	33	31	34	33.3
MISSISSIPPI	51	53	56	51	52.8
MISSOURI	0	0	0	0	0.0
MONTANA	55	60	57	58	57.5
NEBRASKA	18	18	13	17	16.5
NEVADA	6	7	7	6	6.5
NEW JERSEY	0	0	0	0	0.0
NEW MEXICO	126	119	119	122	121.5
NEW YORK	6	6	6	7	6.3
NORTH CAROLINA	0	0	0	0	0.0
SOUTH DAKOTA	87	85	83	86	85.3
MINNESOTA	85	87	89	90	87.8
OKLAHOMA	452	438	441	449	445.0
OREGON	1	1	1	1	1.0
PENNSYLVANIA	37	37	37	37	37.0
RHODE ISLAND-OFFSHORE	2	2	2	2	2.0
SOUTH DAKOTA	1	2	2	2	1.8
TENNESSEE	1	1	1	1	1.0
TEXAS-OFFSHORE	72	76	70	72	72.5
DISTRICT 1	42	41	38	40	40.3
DISTRICT 2	53	54	56	60	55.8
DISTRICT 3	172	176	179	188	178.8
DISTRICT 4	103	104	104	103	103.5
DISTRICT 5	38	40	43	40	40.3
DISTRICT 6	84	86	83	85	84.5
DISTRICT 7	80	85	91	98	88.5
DISTRICT 7A	70	71	67	72	70.0
DISTRICT 8	103	106	120	112	110.3
DISTRICT 8A	73	75	77	75	75.0
DISTRICT 9	70	67	66	74	69.3
DISTRICT 10	55	56	55	60	56.5
TOTAL TEXAS	1015	1037	1049	1079	1045.0
UTAH	53	50	54	51	52.0
VIRGINIA	0	2	2	2	1.5
WASHINGTON	1	1	1	1	1.0
WEST VIRGINIA	43	42	46	43	43.5
WISCONSIN	165	160	166	163	163.5
TOTAL UNITED STATES	3115	3126	3164	3189	3148.5
CANADA	369	382	410	426	396.8
CANADA	9	8	8	8	8.3
GRAND TOTAL	3493	3516	3582	3623	3553.5

Cumulative
1980Year-to-Date
1979

U.S.	2,841.8	2,111.5
W.Can	395.4	322.2
E.Can	4.9	4.3
Total	3,242.1	2,438.0

HUGHES TOOL COMPANY

 ROTARY RIGS RUNNING - BY STATES
 SEPTEMBER, 1980

	SEP 2	SEP 8	SEP 15	SEP 22	SEP 29	SEP AVG
ALABAMA	11	11	15	14	15	13.2
ALASKA	10	5	10	13	12	10.0
ALASKA-OFFSHORE	2	2	2	2	1	1.8
TOTAL ALASKA	12	7	12	15	13	11.8
ARKANSAS	29	29	31	30	33	30.4
ARIZONA	1	1	1	1	0	0.8
CALIFORNIA-LAND	108	107	106	110	109	108.0
CALIFORNIA-OFFSHORE	17	17	17	17	17	17.0
TOTAL CALIFORNIA	125	124	123	127	126	125.0
COLORADO	72	71	74	76	75	73.6
FLORIDA-LAND	5	5	6	5	4	5.0
FLORIDA-OFFSHORE	0	0	0	0	0	0.0
TOTAL FLORIDA	5	5	6	5	4	5.0
GEORGIA-OFFSHORE	0	0	0	0	0	0.0
IDAHO	1	1	1	1	1	1.0
ILLINOIS	30	30	30	30	20	28.0
INDIANA	0	0	0	0	0	0.0
IOWA	0	0	0	0	0	0.0
KANSAS	136	143	144	145	143	142.2
KENTUCKY	0	0	1	1	1	0.6
LOUISIANA	55	57	57	60	61	58.0
LOUISIANA-INL WATERS	79	81	75	80	78	78.6
LOUISIANA-LAND	164	158	167	167	174	166.0
LOUISIANA-OFFSHORE	147	144	148	146	141	145.2
TOTAL LOUISIANA	445	440	447	453	454	447.8
MARYLAND	0	0	0	0	0	0.0
MASSACHUSETTS-OFFSHORE	0	0	0	0	0	0.0
MICHIGAN	36	33	34	32	35	34.0
MISSISSIPPI	60	58	54	57	54	56.6
MISSOURI	0	0	0	0	0	0.0
MONTANA	54	54	55	59	58	56.0
NEBRASKA	15	13	12	15	18	14.6
NEVADA	5	4	7	7	7	6.0
NEW JERSEY	0	0	0	0	0	0.0
NEW MEXICO	131	134	132	130	129	131.2
NEW YORK	7	7	7	6	6	6.6
N CAROLINA	0	0	0	0	0	0.0
N DAKOTA	85	80	86	84	92	85.4
OHIO	73	81	81	80	83	79.6
OKLAHOMA	448	450	456	440	450	448.8
OREGON	1	0	1	1	1	0.8
PENNSYLVANIA	33	33	35	36	37	34.8
RHODE ISLAND-OFFSHORE	2	1	2	2	2	1.8
S DAKOTA	1	1	1	1	1	1.0
TENNESSEE	1	1	1	1	1	1.0
TEXAS-OFFSHORE	63	64	64	64	69	64.8
DISTRICT 1	41	40	42	48	47	43.6
DISTRICT 2	48	53	52	53	54	52.0
DISTRICT 3	155	161	167	162	165	162.0
DISTRICT 4	107	101	105	100	99	102.4
DISTRICT 5	41	43	42	40	36	40.4
DISTRICT 6	84	81	84	87	85	84.2
DISTRICT 7A	72	72	75	78	82	75.8
DISTRICT 7C	79	76	72	72	71	74.0
DISTRICT 8	109	103	113	105	109	107.8
DISTRICT 8A	65	65	69	72	77	69.6
DISTRICT 9	75	74	80	79	70	75.6
DISTRICT 10	54	51	51	59	58	54.6
TOTAL TEXAS	993	984	1016	1019	1022	1006.8
UTAH	45	48	50	55	55	50.6
VIRGINIA	0	0	0	0	0	0.0
WASHINGTON	1	0	1	1	1	0.8
W VIRGINIA	46	46	38	45	46	44.2
WYOMING	164	161	161	155	155	159.2
TOTAL UNITED STATES	3068	3051	3115	3124	3138*	3099.2
W CANADA	433	423	423	408	378	413.0
E CANADA	10	10	9	9	9	9.4
GRAND TOTAL	3511	3484	3547	3541	3525	3521.6

230.6

	CUM YTD	1979 YTD
Total U.S.	2807.7	2056.5
W. Canada	395.2	306.5
E. Canada	4.5	3.3
	<u>3207.4</u>	<u>2366.3</u>

*The 3,138 rigs running in the United States as of September 29, 1980 exceeds the all time high of 3,137 recorded December 19, 1955.

HUGHES TOOL COMPANY

ROTARY RIGS RUNNING - BY STATES
AUGUST, 1980

	AUG 4	AUG 11	AUG 18	AUG 25	AUG AVG
ALABAMA	6	6	9	10	7.8
ALASKA	13	10	13	10	11.5
ALASKA-OFFSHORE	1	2	2	2	1.8
TOTAL ALASKA	14	12	15	12	13.3
ARKANSAS	26	27	27	29	27.3
ARIZONA	1	1	0	0	0.5
CALIFORNIA-LAND	109	111	102	103	106.3
CALIFORNIA-OFFSHORE	16	10	16	16	14.5
TOTAL CALIFORNIA	125	121	118	119	120.8
COLORADO	67	76	78	75	74.0
FLORIDA-LAND	4	4	4	4	4.0
FLORIDA-OFFSHORE	0	0	0	0	0.0
TOTAL FLORIDA	4	4	4	4	4.0
GEORGIA-OFFSHORE	0	0	0	0	0.0
IDAHO	1	1	1	1	1.0
ILLINOIS	30	30	30	30	30.0
INDIANA	0	0	0	0	0.0
IOWA	0	0	0	0	0.0
KANSAS	134	137	132	136	134.8
KENTUCKY	0	0	0	0	0.0
N LOUISIANA	57	54	54	52	54.3
S LOUISIANA-INL WATERS	73	72	74	74	73.3
S LOUISIANA-LAND	176	170	165	166	169.3
S LOUISIANA-OFFSHORE	153	155	151	150	152.3
TOTAL LOUISIANA	459	451	444	442	449.0
MARYLAND	0	0	0	0	0.0
MASSACHUSETTS-OFFSHORE	0	0	0	0	0.0
MICHIGAN	41	30	37	32	35.0
MISSISSIPPI	64	68	64	64	65.0
MISSOURI	0	0	0	0	0.0
MONTANA	54	51	53	60	54.5
NEBRASKA	11	13	12	12	12.0
NEVADA	6	5	5	4	5.0
NEW JERSEY	0	0	0	0	0.0
NEW MEXICO	128	123	131	130	128.0
NEW YORK	9	9	5	7	7.5
N CAROLINA	0	0	0	0	0.0
N DAKOTA	89	89	87	82	86.8
OHIO	79	72	68	74	73.3
OKLAHOMA	412	424	441	447	431.0
OREGON	1	1	1	1	1.0
PENNSYLVANIA	34	31	31	32	32.0
RHODE ISLAND-OFFSHORE	2	2	2	2	2.0
S DAKOTA	1	1	2	2	1.5
TENNESSEE	2	1	1	1	1.3
TEXAS-OFFSHORE	67	64	62	64	64.3
DISTRICT 1	34	35	35	43	36.8
DISTRICT 2	44	46	48	50	47.0
DISTRICT 3	170	165	169	168	168.0
DISTRICT 4	111	109	107	101	107.0
DISTRICT 5	36	39	40	44	39.8
DISTRICT 6	82	84	85	79	82.5
DISTRICT 7	85	83	81	78	81.8
DISTRICT 7C	61	68	70	76	68.8
DISTRICT 8	119	112	120	112	115.8
DISTRICT 8A	61	61	61	61	61.0
DISTRICT 9	77	78	82	79	79.0
DISTRICT 10	45	46	47	51	47.3
TOTAL TEXAS	992	990	1007	1006	998.8
UTAH	27	38	41	46	38.0
VIRGINIA	0	0	0	0	0.0
WASHINGTON	1	1	1	1	1.0
W VIRGINIA	46	48	44	46	46.0
WYOMING	174	157	159	162	163.0
TOTAL UNITED STATES	3040	3020	3050	3069	3044.8
W CANADA	441	454	447	441	445.8
E CANADA	9	10	10	10	9.8
GRAND TOTAL	3490	3484	3507	3520	3500.3

234.9

T. U.S.
T. W. Canada
T. E. Canada
Grand Total

CUM. YTD	1979 YTD
2,771.3	2,056.5
393.0	306.5
3.9	3.3
3,168.2	2,366.3

HUGHES TOOL COMPANY

ROTARY RIGS RUNNING - BY STATES
JULY, 1980

234.8

	JUL 7	JUL 14	JUL 21	JUL 28	JUL AVG
ALABAMA	10	7	7	7	7.8
ALASKA	14	14	16	14	14.5
ALASKA-OFFSHORE	1	1	1	1	1.0
TOTAL ALASKA	15	15	17	15	15.5
ARKANSAS	25	25	25	26	25.3
ARIZONA	2	1	1	1	1.3
CALIFORNIA-LAND	101	103	104	104	103.0
CALIFORNIA-OFFSHORE	15	13	15	16	14.8
TOTAL CALIFORNIA	116	116	119	120	117.8
COLORADO	63	63	68	70	66.0
FLORIDA-LAND	3	4	4	4	3.8
FLORIDA-OFFSHORE	0	0	0	0	0.0
TOTAL FLORIDA	3	4	4	4	3.8
GEORGIA-OFFSHORE	0	0	0	0	0.0
IDAHO	2	2	2	1	1.8
ILLINOIS	30	30	31	29	30.0
INDIANA	0	0	0	0	0.0
IOWA	0	0	0	0	0.0
KANSAS	123	121	124	128	124.0
KENTUCKY	0	0	0	0	0.0
N LOUISIANA	53	54	53	55	53.8
S LOUISIANA-INL WATERS	68	68	74	68	69.5
S LOUISIANA-LAND	153	160	167	159	159.8
S LOUISIANA-OFFSHORE	145	145	150	146	146.5
TOTAL LOUISIANA	419	427	444	428	429.5
MARYLAND	1	1	0	0	0.5
MASSACHUSETTS-OFFSHORE	0	0	0	0	0.0
MICHIGAN	36	37	38	38	37.3
MISSISSIPPI	60	60	60	64	61.0
MISSOURI	0	0	0	0	0.0
MONTANA	48	48	55	53	51.0
NEBRASKA	11	12	12	12	11.8
NEVADA	4	5	5	5	4.8
NEW JERSEY	0	0	0	0	0.0
NEW MEXICO	117	125	125	126	123.3
NEW YORK	7	8	9	9	8.3
N CAROLINA	0	0	0	0	0.0
N DAKOTA	82	91	90	89	88.0
OHIO	83	76	78	76	78.3
OKLAHOMA	394	411	411	402	404.5
OREGON	1	1	1	1	1.0
PENNSYLVANIA	23	29	30	32	28.5
RHODE ISLAND-OFFSHORE	2	2	2	2	2.0
S DAKOTA	2	2	2	2	2.0
TENNESSEE	2	2	2	2	2.0
TEXAS-OFFSHORE	70	70	72	70	70.5
DISTRICT 1	27	28	32	30	29.3
DISTRICT 2	55	50	47	48	50.0
DISTRICT 3	168	166	162	160	164.0
DISTRICT 4	105	110	116	118	112.3
DISTRICT 5	36	36	36	35	35.8
DISTRICT 6	82	84	84	84	83.5
DISTRICT 7B	73	70	75	79	74.3
DISTRICT 7C	68	70	62	66	66.5
DISTRICT 8	124	109	119	119	117.8
DISTRICT 8A	59	59	60	59	59.3
DISTRICT 9	80	76	78	77	77.8
DISTRICT 10	45	45	44	48	45.5
TOTAL TEXAS	992	973	987	993	986.3
UTAH	43	43	40	37	40.8
VIRGINIA	0	0	0	1	0.3
WASHINGTON	1	1	1	1	1.0
VIRGINIA	33	43	44	43	40.8
WYOMING	161	162	153	154	157.5
TOTAL UNITED STATES	2911	2943	2987	2971	2953.0
W CANADA	405	403	407	419	408.5
E CANADA	3	3	3	8	4.3
GRAND TOTAL	3319	3349	3397	3398	3365.8

	CUM YTD	1979 YTD
T. U.S.	2732.2	2032.8
T. W. Canada	385.4	297.8
T. E. Canada	3.1	2.5
	3120.7	2333.1

JUNE, 1980

ROTARY RIGS RUNNING - STATE

	JUN 2	JUN 9	JUN 16	JUN 23	JUN 30	JUN AVG
Alabama	11	11	11	11	11	11.0
Alaska	8	9	7	11	14	9.8
ska-offshore	1	1	1	1	1	1.0
otal Alaska	9	10	8	12	15	10.8
Arkansas	21	21	23	25	24	22.8
Arizona	2	2	2	2	2	2.0
California-land	108	102	100	103	107	104.0
California-offshore	14	14	14	15	15	14.4
Total California	122	116	114	118	122	118.4
Colorado	44	51	47	52	59	50.6
Florida-land	4	4	4	4	4	4.0
Florida-offshore	0	0	0	0	0	0.0
Total Florida	4	4	4	4	4	4.0
Georgia-offshore	0	0	0	0	0	0.0
Idaho	4	3	4	2	2	3.0
Illinois	30	29	30	31	31	30.2
Indiana	0	0	0	0	0	0.0
Iowa	0	0	0	0	0	0.0
Kansas	111	112	114	119	124	116.0
Kentucky	1	1	1	0	0	0.6
N Louisiana	60	50	52	52	51	53.0
S Louisiana-ntl waters	79	74	73	70	70	73.2
S Louisiana-land	153	150	166	159	154	156.4
S Louisiana-offshore	148	149	145	150	146	147.6
Total Louisiana	440	423	436	431	421	430.2
Maryland	1	1	1	1	1	1.0
Massachusetts-offshore	0	0	0	0	0	0.0
Michigan	34	29	32	35	33	32.6
Mississippi	55	56	57	52	54	54.8
Missouri	0	0	0	0	0	0.0
Montana	50	47	50	42	51	48.0
Nebraska	13	9	12	15	13	12.4
da	3	3	3	4	4	3.4
Jersey	0	0	0	0	0	0.0
New Mexico	116	123	117	122	115	118.6
New York	3	5	5	6	8	5.4
N Carolina	0	0	0	0	0	0.0
N Dakota	77	78	83	91	80	81.8
Ohio	71	78	81	80	84	78.8
Oklahoma	375	381	391	387	393	385.4
Oregon	0	1	1	1	1	0.8
Pennsylvania	23	20	24	22	27	23.2
Rhode Island-offshore	3	2	2	2	2	2.2
S Dakota	3	3	3	3	2	2.8
Tennessee	0	1	2	2	2	1.4
Texas-offshore	69	69	70	72	71	70.2
District 1	31	34	31	30	28	30.8
District 2	46	48	48	45	57	48.8
District 3	152	154	154	163	164	157.4
District 4	103	109	113	114	110	109.8
District 5	41	38	38	39	38	38.8
District 6	77	80	78	83	75	78.6
District 7B	74	71	67	76	75	72.6
District 7C	69	63	63	64	63	64.4
District 8	100	99	105	110	119	106.6
District 8A	61	63	67	66	58	63.0
District 9	64	68	73	71	75	70.2
District 10	47	45	49	48	47	47.2
Total Texas	934	941	956	981	980	958.4
Utah	37	44	36	43	41	40.2
Virginia	1	0	0	0	0	0.2
W Virginia	43	41	44	40	42	42.0
Wyoming	156	160	163	153	153	157.0
TOTAL UNITED STATES	2797	2806	2857	2889	2901	2,850.0
Canada	403	393	376	392	415	395.8
Canada	3	3	3	3	3	3.0
GRAND TOTAL	3203	3202	3236	3284	3319	3,248.8

235.4

CUM. 1979
Y-T-D Y-T-D

Tot. U.S.	2695.5	2022.7
Tot. W. Canada	381.5	289.9
Tot. E. Canada	2.8	1.8
Grand Total	3079.8	2314.4

MAY, 1980

ROTARY RIGS RUNNING - BY STATES

	MAY 5	MAY 12	MAY 19	MAY 27	MAY AVG
Alabama	12	14	16	11	13.3
Alaska	11	9	9	10	9.8
Alaska-offshore	1	1	1	1	1.0
Total Alaska	12	10	10	11	10.8
Arizona	25	26	26	25	25.5
Arizona	1	1	1	2	1.3
California-land	103	102	106	105	104.0
California-offshore	14	14	14	14	14.0
Total California	117	116	120	119	118.0
Colorado	44	49	45	48	46.5
Florida-land	5	5	5	4	4.8
Florida-offshore	0	0	0	0	0.0
Total Florida	5	5	5	4	4.8
Georgia-offshore	0	0	0	0	0.0
Idaho	4	4	4	4	4.0
Illinois	28	29	31	30	29.5
Indiana	0	0	0	0	0.0
Iowa	0	0	0	0	0.0
Kansas	102	102	105	108	104.3
Kentucky	2	2	1	1	1.5
N Louisiana	59	58	53	56	56.5
S Louisiana-ntl waters	84	83	76	80	80.7
S Louisiana-land	163	155	153	160	159.0
S Louisiana-offshore	129	142	145	144	140.0
Total Louisiana	435	438	432	440	436.2
Maryland	0	1	0	1	0.3
Massachusetts-offshore	0	0	0	0	0.0
Michigan	23	28	26	33	27.5
Mississippi	49	51	55	55	52.5
Missouri	0	0	0	0	0.0
Montana	46	50	47	46	47.2
Nebraska	16	13	14	12	13.8
Nevada	3	3	1	3	2.5
New Jersey	0	0	0	0	0.0
New Mexico	117	112	124	119	118.0
New York	0	1	3	3	1.8
N Carolina	0	0	0	0	0.0
N Dakota	81	78	75	74	77.0
Ohio	61	70	73	70	68.5
Oklahoma	384	381	390	397	388.0
Oregon	1	1	0	0	0.5
Pennsylvania	22	20	20	23	21.3
Rhode Island-offshore	3	3	3	3	3.0
S Dakota	1	1	2	3	1.8
Tennessee	0	0	0	0	0.0
Texas-offshore	73	75	68	68	71.0
District 1	34	28	30	25	29.2
District 2	40	43	46	44	43.2
District 3	155	151	152	153	152.8
District 4	107	108	102	108	106.2
District 5	36	42	40	38	39.0
District 6	82	80	91	84	81.7
District 7B	66	72	75	73	71.5
District 7C	75	70	70	70	71.3
District 8	109	102	96	96	100.8
District 8A	60	58	59	61	59.5
District 9	68	69	70	69	69.0
District 10	47	46	45	45	45.8
Total Texas	952	944	934	934	941.0
Utah	39	42	47	43	42.7
Virginia	1	1	3	1	1.5
W Virginia	35	35	38	41	37.2
Wyoming	156	155	156	154	155.2
TOTAL UNITED STATES	2777	2786	2807	2818	2797.0
Canada	306	353	357	403	354.8
Canada	3	3	3	3	3.0
CUM. TOTAL	3086	3142	3167	3224	3154.8

229

	CUM.	1979
	Y-T-D	Y-T-D
Tot. U.S.	2664.5	2027.5
Tot. W. Canada	378.7	284.8
Tot. E. Canada	2.8	1.3
Grand Total	3046.0	2313.6

APRIL, 1980

ROTARY RIGS RUNNING - BY STATE

	APR 7	APR 14	APR 21	APR 28	APR AVG
Alabama	10	10	11	10	10.3
Alaska	11	7	8	11	9.2
Alaska-offshore	2	2	3	1	2.0
Alaska-offshore	13	9	11	12	11.2
Arizona	22	23	25	27	24.2
Arizona	1	1	1	1	1.0
California-land	103	104	105	104	104.0
California-offshore	14	14	14	14	14.0
Total California	117	118	119	118	118.0
Colorado	46	45	42	43	44.0
Florida-land	6	6	5	5	5.5
Florida-offshore	0	0	0	0	0.0
Total Florida	6	6	5	5	5.5
Georgia-offshore	0	0	0	0	0.0
Idaho	3	4	4	4	3.8
Illinois	21	21	25	25	23.0
Indiana	0	0	0	2	0.5
Iowa	0	0	0	0	0.0
Kansas	105	71	104	106	96.5
Kentucky	2	2	2	2	2.0
N Louisiana	58	58	61	60	59.3
S Louisiana-Int waters	72	77	73	75	74.2
S Louisiana-land	151	154	155	156	154.0
S Louisiana-offshore	128	132	129	132	130.2
Total Louisiana	409	421	418	423	417.7
Maryland	0	0	0	0	0.0
Massachusetts-offshore	0	0	0	0	0.0
Michigan	27	25	18	21	22.7
Mississippi	51	54	51	48	51.0
Missouri	0	0	0	0	0.0
Montana	40	36	35	43	38.5
Nebraska	15	16	14	16	15.3
Nevada	4	4	4	3	3.8
New Jersey	0	0	0	0	0.0
Mexico	115	115	109	119	114.5
New York	3	3	1	0	1.8
N Carolina	0	0	0	0	0.0
N Dakota	84	79	76	82	80.3
Ohio	48	53	60	57	54.5
Oklahoma	350	359	355	371	358.8
Oregon	0	0	0	1	0.2
Pennsylvania	21	21	24	27	23.3
Rhode Island-offshore	2	2	2	3	2.2
S Dakota	3	3	2	1	2.2
Tennessee	0	0	0	0	0.0
Texas offshore	77	73	72	73	73.7
District 1	24	25	30	31	27.5
District 2	45	45	42	47	44.7
District 3	149	145	148	147	147.2
District 4	106	107	105	106	106.0
District 5	36	35	34	35	35.2
District 6	81	83	85	81	82.5
District 7B	71	78	70	77	74.0
District 7C	67	68	70	69	68.5
District 8	104	107	110	116	109.3
District 8A	60	60	58	58	59.0
District 9	65	61	63	58	61.7
District 10	51	47	48	48	48.5
Total Texas	936	934	935	946	937.8
Utah	31	32	42	39	36.0
Virginia	1	2	1	1	1.2
W Virginia	26	27	30	41	31.0
Wyoming	142	150	156	151	149.7
TOTAL UNITED STATES	2654	2646	2682	2748	2682.5
W Canada	361	330	323	298	328.0
Canada	3	3	3	3	3.0
WORLD TOTAL	3018	2979	3008	3049	3013.5

222.10

MARCH, 1980

ROTARY RIGS RUNNING - STATE

	MAR 3	MAR 10	MAR 17	MAR 24	MAR 31	MAR AVG
Alabama	10	9	10	9	9	9.4
Alaska	13	13	18	14	10	13.6
a-offshore	1	1	1	2	2	1.4
al Alaska	<u>14</u>	<u>14</u>	<u>19</u>	<u>16</u>	<u>12</u>	<u>15.0</u>
Arkansas	23	21	20	23	23	22.0
Arizona	0	0	0	1	1	.4
California-land	102	94	95	102	102	99.0
California-offshore	14	14	14	14	14	14.0
Total California	<u>116</u>	<u>108</u>	<u>109</u>	<u>116</u>	<u>116</u>	<u>113.0</u>
Colorado	51	49	50	42	51	48.6
Florida-land	3	3	5	4	6	4.2
Florida-offshore	0	0	0	0	0	0.0
Total Florida	<u>3</u>	<u>3</u>	<u>5</u>	<u>4</u>	<u>6</u>	<u>4.2</u>
Georgia-offshore	0	0	0	0	0	0.0
Idaho	5	3	3	3	3	3.4
Illinois	21	21	21	21	21	21.0
Indiana	0	0	0	0	0	0.0
Iowa	0	0	0	0	0	0.0
Kansas	99	100	101	102	102	100.8
Kentucky	2	1	1	2	2	1.6
N Louisiana	55	55	52	56	52	54.0
S Louisiana-land	77	84	81	77	76	79.0
S Louisiana-offshore	144	142	146	148	149	145.8
Total Louisiana	<u>123</u>	<u>122</u>	<u>125</u>	<u>128</u>	<u>125</u>	<u>124.6</u>
Maryland	0	0	0	0	0	0.0
Massachusetts-offshore	0	0	0	0	0	0.0
Michigan	29	29	29	28	29	28.8
Mississippi	60	57	56	56	54	56.6
Missouri	0	0	0	0	0	0.0
Montana	40	37	35	34	39	37.0
Nebraska	15	15	13	13	14	14.0
Nevada	4	4	4	4	4	4.0
New Jersey	0	0	0	0	0	0.0
New Mexico	108	114	111	118	117	113.6
New York	7	6	5	5	4	5.4
N Carolina	0	0	0	0	0	0.0
N Dakota	81	79	86	82	78	81.2
Ohio	70	71	54	51	59	61.0
Oklahoma	313	342	344	349	342	338.0
Oregon	0	0	0	1	0	.2
Pennsylvania	20	25	25	29	27	25.2
Rhode Island-offshore	2	2	2	2	2	2.0
S Dakota	2	2	2	2	4	2.4
Tennessee	0	1	1	0	1	.6
Texas-offshore	81	80	76	77	73	77.4
District 1	29	34	30	30	26	29.8
District 2	45	54	48	49	53	49.8
District 3	136	139	144	146	147	142.4
District 4	100	96	103	103	106	101.6
District 5	37	37	36	40	33	36.6
District 6	80	80	74	71	78	76.6
District 7B	66	73	79	72	70	72.0
District 7C	65	60	63	64	66	63.6
District 8	109	111	114	111	110	111.0
District 8A	59	59	60	64	62	60.8
District 9	65	67	67	70	65	66.8
District 10	52	55	57	50	49	52.6
Total Texas	<u>924</u>	<u>945</u>	<u>951</u>	<u>947</u>	<u>938</u>	<u>941.0</u>
Utah	34	33	34	34	35	34.0
Virginia	2	2	0	1	0	1.0
W Virginia	31	31	28	26	25	28.2
Wyoming	136	140	146	146	139	141.4
TOTAL UNITED STATES	<u>2621</u>	<u>2667</u>	<u>2669</u>	<u>2676</u>	<u>2659</u>	<u>2658.4</u>
W Canada	439	418	435	401	397	418.0
Canada	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>3.0</u>
AND TOTAL	<u>3063</u>	<u>3088</u>	<u>3107</u>	<u>3080</u>	<u>3059</u>	<u>3079.4</u>

219.4

	CUM.	1979
	YTD	YTD
Total U.S.	2614.3	2078.0
Total W. Canada	403.6	336.2
Total E. Canada	2.7	1.0
Grand Total	<u>3020.6</u>	<u>2415.2</u>

FEBRUARY, 1980

ROTARY RIGS RUNNING - BY STATE

	FEB 4	FEB 11	FEB 18	FEB 25	FEB AVG
Alabama	10	10	11	10	10.3
Alaska	14	16	14	15	14.8
Alaska-offshore	1	1	1	1	1.0
Total Alaska	15	17	15	16	15.8
ansas	28	27	28	27	27.5
Arizona	0	0	0	0	0.0
California-land	94	99	109	104	101.5
California-offshore	10	11	12	13	11.5
Total California	104	110	121	117	113.0
Colorado	52	53	58	57	55.0
Florida-land	3	3	3	5	3.5
Florida-offshore	0	0	0	0	0.0
Total Florida	3	3	3	5	3.5
Georgia-offshore	1	1	1	1	1.0
Idaho	5	5	5	5	5.0
Illinois	21	21	21	21	21.0
Indiana	0	0	0	0	0.0
Iowa	0	0	0	0	0.0
Kansas	86	87	92	94	89.7
Kentucky	2	2	2	2	2.0
N Louisiana	52	56	55	52	53.8
S Louisiana-ntl waters	75	72	73	74	73.5
S Louisiana-land	134	128	135	139	134.0
S Louisiana-offshore	131	121	118	113	120.7
Total Louisiana	392	377	381	378	382.0
Maryland	0	0	0	0	0.0
Massachusetts-offshore	0	0	0	0	0.0
Michigan	26	26	24	21	24.3
Mississippi	62	63	61	62	62.0
Missouri	0	0	0	0	0.0
Montana	38	34	35	39	36.5
Nebraska	15	14	13	14	14.0
Nevada	4	4	3	4	3.8
New Jersey	0	0	0	0	0.0
New Mexico	97	102	101	105	101.2
New York	11	9	10	9	9.8
N Carolina	0	0	0	0	0.0
N Dakota	85	85	79	77	81.5
Ohio	66	66	73	70	68.7
Oklahoma	312	333	308	300	313.2
Oregon	0	0	0	0	0.0
Pennsylvania	33	34	32	26	31.2
Rhode Island-offshore	2	2	2	2	2.0
S Dakota	2	2	2	2	2.0
Tennessee	0	0	0	0	0.0
Texas-offshore	75	78	83	84	80.0
District 1	34	30	28	30	30.5
District 2	43	39	42	49	43.3
District 3	153	152	147	145	149.2
District 4	95	101	105	98	99.7
District 5	39	37	36	35	36.8
District 6	78	78	77	80	78.2
District 7B	72	67	65	66	67.5
District 7C	70	68	64	61	65.8
District 8	108	110	107	109	108.5
District 8A	54	57	58	57	56.5
District 9	63	64	64	71	65.5
District 10	54	53	52	49	52.0
Total Texas	938	934	928	934	933.5
Utah	28	30	30	32	30.0
Virginia	0	0	0	0	0.0
W Virginia	34	33	31	33	32.8
Wyoming	149	138	138	138	140.7
TOTAL UNITED STATES	2621	2622	2608	2601	2613.0
W Canada	410	429	435	436	427.5
E Canada	2	2	3	3	2.5
GRAND TOTAL	3033	3053	3046	3040	3,043.3

216.2

CUM
YTD

1979

YTD

Total U.S. 2,592.2 2,131.6
Total W. Canada 396.5 334.1
Total E. Canada 2.5 1.0
Grand Total 2,991.2 2,466.7

JANUARY, 1980

ROTARY RIGS RUNNING - BY STATE

218.8

Joe H. Cook, Hughes Tool Co
J. P. O. Box 2539, Houston, Texas 77001

	JAN 2	JAN 7	JAN 14	JAN 21	JAN 28	JAN AVG
Alabama	11	10	9	8	10	9.6
Alaska	12	11	11	12	11	11.4
Alaska-offshore	3	3	3	3	2	2.8
Total Alaska	15	14	14	15	13	14.2
Arkansas	13	10	18	31	30	20.4
Arizona	0	0	0	0	0	0.0
California-land	104	108	111	109	104	107.2
California-offshore	12	12	12	12	12	12.0
Total California	116	120	123	121	116	119.2
Colorado	56	54	60	55	57	56.4
Florida-land	3	3	3	3	3	3.0
Florida-offshore	0	0	0	0	0	0.0
Total Florida	3	3	3	3	3	3.0
Georgia-offshore	2	2	2	2	1	1.8
Idaho	3	4	4	5	5	4.2
Illinois	19	19	21	15	20	18.8
Indiana	1	1	0	1	1	0.8
Iowa	0	0	0	0	0	0.0
Kansas	85	84	84	86	85	84.8
Kentucky	0	1	2	2	2	1.4
N Louisiana	48	49	55	54	52	51.6
S Louisiana-inl waters	83	84	79	80	78	80.8
S Louisiana-land	120	127	126	126	127	125.2
S Louisiana-offshore	133	137	136	134	136	135.2
Total Louisiana	384	397	396	394	393	392.8
Maryland	0	0	0	0	0	0.0
Massachusetts-Offshore	0	0	0	0	0	0.0
Michigan	30	29	29	32	30	30.0
Mississippi	55	53	56	59	57	56.0
Missouri	0	0	0	0	0	0.0
Montana	39	42	42	38	40	40.2
Nebraska	13	15	16	14	15	14.6
Nevada	4	3	3	3	3	3.2
New Jersey	0	0	0	0	0	0.0
New Mexico	96	98	96	103	92	97.0
New York	13	8	13	10	14	11.6
N Carolina	0	0	0	0	0	0.0
N Dakota	75	70	79	78	80	76.4
Ohio	71	55	51	55	55	57.4
Oklahoma	283	277	294	324	336	302.8
Oregon	1	1	1	1	1	1.0
Pennsylvania	20	18	27	30	29	24.8
Rhode Island-offshore	2	2	2	2	2	2.0
S Dakota	1	1	2	1	2	1.4
Tennessee	0	0	0	0	0	0.0
Texas-offshore	61	64	66	62	72	65.0
District 1	32	29	30	32	35	31.6
District 2	27	26	31	33	38	31.0
District 3	144	153	151	153	152	150.6
District 4	94	98	106	102	98	99.6
District 5	28	33	44	47	41	38.6
District 6	79	81	65	64	74	72.6
District 7B	72	72	78	82	76	76.0
District 7C	62	64	68	72	70	67.2
District 8	114	111	113	112	111	112.2
District 8A	69	65	62	60	62	63.6
District 9	61	59	62	62	63	61.4
District 10	49	50	50	53	56	51.6
Total Texas	892	905	926	934	948	921.0
Utah	30	29	27	29	28	28.6
Virginia	0	0	0	0	0	0.0
W Virginia	36	31	31	31	30	31.8
Wyoming	137	139	147	149	149	144.2
TOTAL UNITED STATES	2506	2495	2578	2631	2647	2571.4
W Canada	329	306	387	401	404	365.4
E Canada	1	1	2	7	2	2.6
GRAND TOTAL	2836	2802	2967	3039	3053	2939.4

	Cum 1980	YTD 1979
U.S.	2,571.4	2,199.4
W Can	365.4	303.0
E Can	2.6	1.0
Grand T.	2,939.4	2,503.4