

DECEMBER, 1977

ROTARY RIGS RUNNING - BY STATE

1977

168.20

	Dec 5	Dec 12	Dec 19	Dec 27	Dec Avg
Alabama	8	8	8	8	8.0
Alaska-land	7	6	7	6	6.5
Alaska-offshore	6	6	6	6	6.0
Total Alaska	<u>13</u>	<u>12</u>	<u>13</u>	<u>12</u>	<u>12.5</u>
Arkansas	17	17	18	12	16.0
Arizona	2	2	1	0	1.3
California-land	92	91	93	91	91.7
California-offshore	7	7	8	9	7.8
Total California	<u>99</u>	<u>98</u>	<u>101</u>	<u>100</u>	<u>99.5</u>
Colorado	45	43	43	42	43.2
Florida-land	7	7	7	7	7.0
Florida-offshore	1	1	1	0	0.7
Total Florida	<u>8</u>	<u>8</u>	<u>8</u>	<u>7</u>	<u>7.7</u>
Georgia-land	1	1	1	0	0.7
Idaho	4	4	4	4	4.0
Illinois	14	13	14	11	13.0
Indiana	7	4	6	5	5.5
Iowa	0	2	2	0	1.0
Kansas	73	74	76	77	75.0
Kentucky	1	1	1	1	1.0
N Louisiana	54	46	53	41	48.5
S Louisiana-inl waters	56	62	64	62	61.0
S Louisiana-land	92	95	94	95	94.0
S Louisiana-offshore	113	116	110	110	112.2
Total Louisiana	<u>315</u>	<u>319</u>	<u>321</u>	<u>308</u>	<u>315.7</u>
Maryland	0	0	0	0	.0
Massachusetts-offshore	0	0	0	0	.0
Michigan	26	26	23	23	24.5
Mississippi	47	47	46	48	47.0
Missouri	1	1	1	1	1.0
Montana	26	23	27	24	25.0
Nebraska	7	8	9	9	8.2
Nevada	4	5	4	5	4.5
New Jersey	0	0	0	0	.0
New Mexico	64	69	71	74	69.5
New York	9	10	8	10	9.3
N Carolina	0	0	0	0	.0
N Dakota	32	31	32	33	32.0
Ohio	36	37	34	36	35.8
Oklahoma	254	254	258	245	252.8
Oregon	0	0	0	0	.0
Pennsylvania	20	13	20	19	18.0
Rhode Island-offshore	0	0	0	0	.0
S Dakota	2	1	1	1	1.3
Tennessee	0	0	0	0	.0
Texas-offshore	43	41	42	40	41.5
District 1	39	39	37	41	39.0
District 2	37	38	34	32	35.2
District 3	95	92	90	87	91.0
District 4	77	87	87	87	84.5
District 5	24	26	27	26	25.8
District 6	63	63	65	69	65.0
District 7B	93	91	94	96	93.5
District 7C	51	52	53	42	49.5
District 8	113	107	115	105	110.0
District 8A	76	75	69	67	71.8
District 9	66	68	70	67	67.7
District 10	51	54	55	54	53.5
Total Texas	<u>828</u>	<u>833</u>	<u>838</u>	<u>813</u>	<u>826.0</u>
Utah	29	33	31	31	31.0
Virginia	2	1	1	1	1.2
W Virginia	20	24	23	24	22.8
Wyoming	122	129	124	125	125.0
TOTAL UNITED STATES	<u>2136</u>	<u>2151</u>	<u>2168</u>	<u>2109</u>	<u>2141.0</u>
Canada	259	262	269	244	258.5
E. Canada	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1.0</u>
GRAND TOTAL	<u>2396</u>	<u>2414</u>	<u>2438</u>	<u>2354</u>	<u>2400.5</u>

CUM 1976
Y-T-D Y-T-D

TOTAL U.S.	2001.5	1657.7
TOTAL W.CANADA	217.2	176.9
TOTAL E.CANADA	0.7	1.0
GRAND TOTAL	2219.4	1835.6

167.80

NOVEMBER, 1977

ROTARY RIGS RUNNING - BY STATE

Issued By: R. J. Schneider, Hughes Tool Company, P. O. Box 2539, Houston, TX 77001

	Nov 7	Nov 14	Nov 21	Nov 28	Nov Avg		
Alabama	8	7	8	8	7.8		
Alaska-land	6	6	7	7	6.5		
Alaska-offshore	5	5	6	6	5.5		
Total Alaska	11	11	13	13	12.0		
Arkansas	17	18	18	29	20.5		
Arizona	2	2	2	2	2.0		
California-land	95	92	89	88	91.0		
California-offshore	8	8	8	7	7.8		
Total California	103	100	97	95	98.8		
Colordao	51	50	49	48	49.5		
Florida-land	7	7	7	7	7.0		
Florida-offshore	1	1	1	1	1.0		
Total Florida	8	8	8	8	8.0		
Georgia-offshore	0	0	0	0	0.0		
Idaho	4	4	4	4	4.0		
Illindis	20	18	14	13	16.2		
Indiana	2	4	7	8	5.2		
Iowa	2	2	0	0	1.0		
Kansas	78	76	74	73	75.2		
Kentucky	0	0	0	0	0.0		
N Louisiana	47	44	47	37	43.8		
S Louisiana-inl waters	57	55	54	56	55.5		
S Louisiana-land	88	90	80	86	86.0		
S Louisiana-offshore	118	116	114	113	115.2		
Total Louisiana	310	305	295	292	300.5		
Maryland	0	0	0	0	0.0		
Massachusetts-offshore	0	0	0	0	0.0		
Michigan	25	27	25	26	25.8		
Mississippi	44	45	48	47	46.0		
Missouri	0	0	1	1	0.5		
Montana	26	24	26	25	25.2		
Nebraska	7	6	6	6	6.2		
Nevada	4	4	4	4	4.0		
New Jersey	0	0	0	0	0.0		
New Mexico	66	66	66	66	66.0		
New York	7	8	9	8	8.0		
N Carolina	0	0	0	0	0.0		
N Dakota	29	27	27	31	28.5		
Ohio	37	35	37	39	37.0		
Oklahoma	234	236	234	244	237.0		
Oregon	0	0	0	0	0.0		
Pennsylvania	21	21	20	18	20.0		
Rhode Island-offshore	0	0	0	0	0.0		
S Dakota	5	5	4	2	4.0		
Tennessee	0	0	0	0	0.0		
Texas-offshore	38	37	39	39	38.3		
District 1	49	47	38	42	44.0		
District 2	28	29	32	34	30.8		
District 3	89	95	93	96	93.2		
District 4	80	81	84	85	82.5		
District 5	19	19	23	20	20.3		
District 6	64	63	65	65	64.2		
District 7B	95	94	94	93	94.0		
District 7C	52	47	40	52	47.8		
District 8	121	121	128	123	123.2		
District 3A	64	65	66	70	66.2		
District 9	64	70	68	66	67.0		
District 10	52	51	51	51	51.3		
Total Texas	815	819	821	836	822.3		
Utah	28	30	30	30	29.5		
Virginia	0	0	2	1	0.8		
W Virginia	25	26	26	20	24.3		
Wyoming	125	127	129	125	126.5		
TOTAL UNITED STATES	2114	2111	2104	2122	2112.8	CUM YTD	1976 YTD
W Canada	238	254	258	254	251.0	1988.8	1639.3
E Canada	1	1	1	1	1.0	213.5	172.4
						0.7	1.6
GRAND TOTAL	2353	2366	2363	2377	2364.8	2203.0	1813.3

OCTOBER, 1977

ROTARY RIGS RUNNING - BY STATE

168 80

	Oct 3	Oct 10	Oct 17	Oct 24	Oct 31	Oct Avg
Alabama	11	11	11	9	9	10.2
Alaska-land	8	7	7	6	6	6.8
Alaska-offshore	5	5	6	5	6	5.4
Total Alaska	13	12	13	11	12	12.2
Arkansas	18	17	16	16	17	16.8
Arizona	1	2	1	1	1	1.2
California-land	90	89	94	92	94	91.3
California-offshore	9	9	9	8	7	8.4
Total California	99	98	103	100	101	100.2
Colorado	48	50	46	46	43 - 3	46.6
Florida-land	6	6	6	7	7	6.4
Florida-offshore	1	1	1	1	1	1.0
Total Florida	7	7	7	8	8	7.4
Georgia-offshore	0	0	0	0	0	0.0
Idaho	2	2	4	4	4	3.2
Illinois	16	17	17	16	19 + 3	17.0
Indiana	5	3	1	1	2	2.4
Iowa	2	2	2	2	2	2.0
Kansas	80	79	79	79	75 - 4	78.4
Kentucky	1	2	2	1	0	1.2
N Louisiana	46	45	46	43	45	45.0
S Louisiana-inl waters	50	47	54	50	53	50.8
S Louisiana-land	87	89	100	96	97	93.8
S Louisiana-offshore	112	116	117	114	114	114.6
Total Louisiana	295	297	317	303	309 + 6	304.2
Maryland	1	1	1	1	0	0.8
Massachusetts-offshore	0	0	0	0	0	0.0
Michigan	21	22	27	26	23 - 3	23.8
Mississippi	44	42	40	43	43	42.4
Missouri	0	0	0	0	0	0.0
Montana	27	23	26	27	24 - 3	25.4
Nebraska	9	9	10	9	9	9.2
Nevada	2	2	2	1	1	1.6
New Jersey	0	0	0	0	0	0.0
New Mexico	68	68	66	64	65	66.2
New York	9	7	8	7	6	7.4
N Carolina	0	0	0	0	0	0.0
N Dakota	32	32	29	30	28 - 2	30.2
Ohio	36	36	37	37	35 - 2	36.2
Oklahoma	247	249	260	259	243 - 16	251.6
Oregon	0	0	0	0	0	0.0
Pennsylvania	17	16	15	18	18	16.8
Rhode Island-offshore	0	0	0	0	0	0.0
S Dakota	4	4	5	4	5	4.4
Tennessee	0	0	0	0	0	0.0
Texas-offshore	40	39	39	41	38	39.4
District 1	48	51	47	48	48	48.4
District 2	41	38	32	33	34	35.6
District 3	83	84	77	85	84	82.6
District 4	78	76	81	81	84	80.0
District 5	20	19	17	18	17	18.2
District 6	58	58	59	58	63	59.2
District 7B	95	89	89	90	97	92.0
District 7C	56	58	65	55	49	56.6
District 8	113	118	126	123	119 - 10	119.8
District 8A	59	59	58	62	62	60.0
District 9	58	62	66	64	61	62.2
District 10	45	47	49	50	50	49.2
Total Texas	794	798	805	808	806 - 2	802.2
Utah	29	27	27	28	33 + 5	28.8
Virginia	0	1	1	1	1	0.8
Virginia	22	24	24	23	25 + 2	23.6
Washington	123	129	127	124	123	126.4
TOTAL UNITED STATES	2089	2089	2129	2107	2090 - 17	2100.8
W Canada	222	193	215	235	239	220.8
E Canada	1	1	1	1	1	1.0
GRAND TOTAL	2312	2283	2345	2343	2330	2322.6

CUM	197
YTD	YT

TOTAL U.S.	1976.4	1619
TOTAL W. CAN.	209.7	170
TOTAL E. CAN.	0.7	1
GRAND TOTAL	2186.8	1791

178.40

SEPTEMBER, 1977

ROTARY RIGS RUNNING - BY STATE

	Sep 6	Sep 12	Sep 19	Sep 26	Sep Avg
Alabama	13	13	13	12	12.8
Alaska-land	8	8	8	9	8.2
Alaska-offshore	10	10	10	6	9.0
Total Alaska	18	18	18	15	17.2
Arkansas	12	16	16	16	15.0
Arizona	0	0	0	1	0.2
California-land	82	82	83	84	82.8
California-offshore	8	8	8	9	8.2
Total California	90	90	91	93	91.0
Colorado	54	46	50	46	49.0
Florida-land	6	6	6	6	6.0
Florida-offshore	1	1	1	1	1.0
Total Florida	7	7	7	7	7.0
Georgia-offshore	0	0	0	0	0.0
Idaho	0	1	2	2	1.3
Illinois	15	14	15	16	15.0
Indiana	6	4	2	5	4.3
Iowa	2	2	2	2	2.0
Kansas	74	74	72	75	73.8
Kentucky	1	2	1	1	1.2
N Louisiana	50	49	46	45	47.5
S Louisiana-inl waters	57	58	58	55	57.0
S Louisiana-land	76	78	83	81	79.5
S Louisiana-offshore	123	126	121	118	122.0
Total Louisiana	306	311	308	299	306.0
Maryland	1	1	1	1	1.0
Massachusetts-offshore	0	0	0	0	0.0
Michigan	27	24	23	23	24.2
Mississippi	41	43	43	42	42.3
Missouri	0	0	0	0	0.0
Montana	22	23	21	24	22.5
Nebraska	5	5	9	10	7.3
Nevada	3	2	2	2	2.2
New Jersey	0	0	0	0	0.0
New Mexico	78	70	75	68	72.8
New York	8	9	8	9	8.5
N Carolina	0	0	0	0	0.0
N Dakota	33	33	32	35	33.3
Ohio	34	35	38	39	36.5
Oklahoma	242	247	249	251	247.2
Oregon	1	1	1	0	0.8
Pennsylvania	18	18	18	18	18.0
Rhode Island-offshore	0	0	0	0	0.0
S Dakota	4	4	5	4	4.3
Tennessee	0	0	0	0	0.0
Texas-offshore	37	39	38	39	38.2
District 1	43	45	45	49	45.5
District 2	40	37	37	32	36.5
District 3	86	83	79	87	83.7
District 4	84	80	81	83	82.0
District 5	23	23	24	21	22.8
District 6	57	58	55	59	57.2
District 7B	90	93	90	94	91.8
District 7C	63	66	60	56	61.2
District 8	111	109	113	115	112.0
District 8A	60	59	58	59	59.0
District 9	53	55	58	60	56.5
District 10	47	46	47	47	46.3
Total Texas	794	793	785	801	793.2
Utah	27	26	27	25	26.2
Virginia	0	0	0	0	0.0
West Virginia	22	23	24	24	23.2
Wyoming	123	122	123	132	125.0
TOTAL UNITED STATES	2081	2077	2081	2098	2084.3
W Canada	214	201	207	215	209.2
E Canada	1	1	1	1	1.0
GRAND TOTAL	2296	2279	2289	2314	2294.5

CUM YTD	1976 YTD
1962.6	1599.8
208.5	168.1
0.6	1.3

AUGUST, 1977

ROTARY RIGS RUNNING - BY STATE

177.80

	Aug 1	Aug 8	Aug 15	Aug 22	Aug 29	Aug Avg
Alabama	14	14	15	13	15 +2	14.2
Alaska-land	10	10	10	9	8	9.4
Alaska-offshore	9	9	9	11	10	9.6
Total Alaska	19	19	19	20	18 -2	19.0
Arkansas	15	13	11	13	12	12.8
Arizona	0	0	0	0	0	0.0
California-land	87	87	87	78	81 +3	84.0
California-offshore	8	8	8	7	8	7.8
Total California	95	95	95	85	89 +4	91.8
Colorado	53	55	49	45	51 +6	50.6
Florida-land	5	5	5	5	5	5.0
Florida-offshore	0	0	1	1	1	0.6
Total Florida	5	5	6	6	6	5.6
Georgia-offshore	0	0	0	0	0	0.0
Idaho	0	0	0	0	0	0.0
Illinois	14	15	16	16	13 -3	14.3
Indiana	3	3	5	5	7	4.6
Iowa	2	2	2	3	2	2.2
Kansas	69	73	76	75	76	73.8
Kentucky	2	2	3	3	1	2.2
N Louisiana	40	44	48	49	47	45.6
S Louisiana-inl waters	67	64	61	60	61	62.6
S Louisiana-land	80	80	74	78	79	78.2
S Louisiana-offshore	113	114	119	122	123	118.2
Total Louisiana	300	302	302	309	310 +1	304.6
Maryland	1	1	1	1	1	1.0
Massachusetts-offshore	0	0	0	0	0	0.0
Michigan	26	25	27	25	25	25.6
Mississippi	42	42	44	43	44	43.0
Missouri	0	0	0	0	0	0.0
Montana	29	27	24	21	19 -2	24.0
Nebraska	10	10	12	12	9 -3	10.6
Nevada	2	3	2	2	3	2.4
New Jersey	0	0	0	0	0	0.0
New Mexico	71	69	71	70	74 +4	71.0
New York	8	8	8	9	10	8.6
N Carolina	0	0	0	0	0	0.0
N Dakota	26	23	23	23	25 +2	24.0
Ohio	37	38	38	37	38	37.6
Oklahoma	241	239	241	225	234 +9	236.0
Oregon	1	1	1	1	1	1.0
Pennsylvania	16	18	19	16	17	17.2
Rhode Island-offshore	1	1	1	0	0	0.6
S Dakota	3	4	5	5	5	4.4
Tennessee	0	0	0	0	0	0.0
Texas-offshore	45	43	43	38	36 -2	41.0
District 1	47	46	40	45	42	44.0
District 2	30	32	35	35	47	35.8
District 3	88	94	89	87	88	89.2
District 4	88	90	84	85	77	84.8
District 5	18	19	20	19	20	19.2
District 6	56	54	56	56	54	55.2
District 7B	83	88	92	93	87	89.6
District 7C	62	54	57	60	65	59.6
District 8	102	106	116	115	112 +7	110.2
District 8A	64	63	62	56	61	61.2
District 9	51	55	50	56	54	53.2
District 10	51	45	44	45	45	46.0
Total Texas	790	789	788	790	788 -2	789.0
Utah	34	33	31	30	27 -3	31.0
Virginia	1	0	0	0	0	0.2
W Virginia	19	19	20	20	21	19.8
Wyoming	118	127	122	122	125 +3	122.8
TOTAL UNITED STATES	2067	2075	2077	2045	2066 +21	2066.0
W Canada	218	239	245	243	234 -9	235.8
E Canada	1	1	1	1	1	1.0
GRAND TOTAL	2286	2315	2323	2289	2301	2302.8

Cum YTD	1976 YTD
1947.4	1581.8
208.4	166.4
0.6	0.9
2156.4	1749.1

JULY 1977

ROTARY RIGS RUNNING - BY STATE

	<u>Jul 5</u>	<u>Jul 11</u>	<u>Jul 18</u>	<u>Jul 25</u>	<u>Jul Avg</u>		
Alabama	13	12	14	14	13.3		
Alaska-land	7	7	8	9	7.7		
Alaska-offshore	9	9	9	10	9.2		
Total Alaska	<u>16</u>	<u>16</u>	<u>17</u>	<u>19+2</u>	<u>17.0</u>		
Arkansas	15	15	15	16	15.2		
Arizona	1	1	1	0	0.8		
California-land	85	87	86	84-2	85.5		
California-offshore	6	3	4	6+2	4.5		
Total California	<u>91</u>	<u>90</u>	<u>90</u>	<u>90</u>	<u>90.0</u>		
Colorado	54	47	51	50	50.5		
Florida-land	4	4	5	5	4.5		
Florida-offshore	1	1	1	0	0.7		
Total Florida	<u>5</u>	<u>5</u>	<u>6</u>	<u>5</u>	<u>5.2</u>		
Georgia-offshore	0	0	0	0	0.0		
Idaho	0	0	0	0	0.0		
Illinois	15	15	17	14-3	15.2		
Indiana	4	4	3	2	3.2		
Iowa	2	2	2	2	2.0		
Kansas	71	67	69	70	69.2		
Kentucky	1	2	2	0	1.3		
N Louisiana	40	43	44	42-2	42.2		
S Louisiana-inl waters	58	61	60	63+3	60.5		
S Louisiana-land	80	76	81	72-9	77.3		
S Louisiana-offshore	107	112	109	116+7	111.0		
Total Louisiana	<u>285</u>	<u>292</u>	<u>294</u>	<u>293-1</u>	<u>291.0</u>		
Maryland	1	1	1	1	1.0		
Massachusetts-offshore	0	0	0	0	0.0		
Michigan	23	25	26	27	25.3		
Mississippi	43	43	39	41	41.5		
Missouri	0	0	0	0	0.0		
Montana	25	29	26	33+7	28.3		
Nebraska	10	11	10	11	10.5		
Nevada	3	4	3	2	3.0		
New Jersey	0	0	0	0	0.0		
New Mexico	71	72	69	68	70.2		
New York	9	10	8	8	8.8		
N Carolina	0	0	0	0	0.0		
N Dakota	22	20	20	22	21.0		
Ohio	38	38	39	37	38.0		
Oklahoma	245	233	237	250+13	241.3		
Oregon	1	1	1	1	1.0		
Pennsylvania	16	13	15	17+2	15.2		
Rhode Island-offshore	1	1	1	1	1.0		
S Dakota	2	2	2	1	1.8		
Tennessee	0	0	0	0	0.0		
Texas-offshore	50	44	43	42	44.7		
District 1	46	40	44	43	43.3		
District 2	33	32	32	35+3	33.0		
District 3	88	85	83	87+4	85.7		
District 4	94	91	88	91+3	91.0		
District 5	19	20	17	19	18.7		
District 6	53	52	54	54	53.3		
District 7B	87	90	88	80-8	86.3		
District 7C	63	61	60	67	62.7		
District 8	104	106	103	105+4	104.5		
District 8A	70	67	64	59	65.0		
District 9	50	50	48	50	49.5		
District 10	37	39	38	38	38.0		
Total Texas	<u>794</u>	<u>777</u>	<u>762</u>	<u>770+4</u>	<u>775.7</u>		
Utah	29	31	33	35	32.0		
Virginia	1	1	0	2	1.0		
W Virginia	14	12	19	18	15.8		
Wyoming	<u>116</u>	<u>119</u>	<u>111</u>	<u>121+10</u>	<u>116.7</u>		
TOTAL UNITED STATES	<u>2037</u>	<u>2011</u>	<u>2003</u>	<u>2041</u>	<u>2023.0</u>	<u>1930.4</u>	<u>1566.2</u>
W Canada	217	214	201	206	209.5	204.5	163.0
E Canada	0	0	1	1	0.5	0.5	0.8
GRAND TOTAL	<u>2254</u>	<u>2225</u>	<u>2205</u>	<u>2248</u>	<u>2233.0</u>	<u>2135.4</u>	<u>1730.0</u>

JUNE 1977

ROTARY RIGS RUNNING - BY STATE

169.00

	Jun 6	Jun 13	Jun 20	Jun 27	Jun Avg		
Alabama	14	12	13	13	13.0		
Alaska-land	6	7	8	8	7.2		
Alaska-offshore	9	3	8	9	8.5		
Total Alaska	15	15	16	17	15.7		
Arkansas	16	16	17	16	16.3		
Arizona	0	1	1	1	0.3		
California-land	76	78	77	78	77.2		
California-offshore	8	6	6	6	6.5		
Total California	84	84	83	84	83.7		
Colorado	42	41	47	52 +5	45.5		
Florida-land	4	4	4	4	4.0		
Florida-offshore	1	1	1	1	1.0		
Total Florida	5	5	5	5	5.0		
Georgia-offshore	1	1	1	0	0.8		
Idaho	0	0	0	0	0.0		
Illinois	20	22	22	19-3	20.8		
Indiana	2	2	2	3	2.2		
Iowa	2	0	2	2	1.5		
Kansas	71	71	67	69	69.5		
Kentucky	2	3	0	1	1.5		
N Louisiana	48	45	40	42	43.7		
S Louisiana-ntl waters	58	58	60	61	59.3		
S Louisiana-land	78	78	83	75-8	78.5		
S Louisiana-offshore	108	104	104	99-5	103.7		
Total Louisiana	292	285	287	277-10	285.2		
Maryland	1	1	1	1	1.0		
Massachusetts-offshore	0	0	0	0	0.0		
Michigan	23	24	26	25	24.5		
Mississippi	43	43	43	43	43.0		
Missouri	0	0	0	0	0.0		
Montana	27	28	26	25	26.5		
Nebraska	10	11	11	10	10.5		
Nevada	3	4	4	4	3.8		
New Jersey	0	0	0	0	0.0		
New Mexico	74	69	68	66	69.3		
New York	10	11	12	9-3	10.5		
N Carolina	0	0	0	0	0.0		
N Dakota	19	22	22	23	21.5		
Ohio	36	38	36	35	36.3		
Oklahoma	214	219	242	237-5	228.0		
Oregon	0	1	1	1	0.7		
Pennsylvania	13	15	16	16	15.0		
Rhode Island-offshore	1	1	1	1	1.0		
S Dakota	1	2	1	1	1.2		
Tennessee	0	0	0	0	0.0		
Texas-offshore	48	47	47	48	47.5		
District 1	58	52	54	48	53.0		
District 2	36	39	37	30	35.5		
District 3	89	87	85	90	87.7		
District 4	86	92	95	96	92.3		
District 5	17	17	18	18	17.5		
District 6	50	52	55	54	52.7		
District 7B	87	91	89	87	88.5		
District 7C	59	55	59	63	59.0		
District 8	109	107	101	104	105.3		
District 8A	58	61	64	68	62.7		
District 9	50	50	51	50	50.3		
District 10	39	38	36	37	37.5		
Total Texas	786	788	791	793 +2	789.5		
Utah	30	28	32	31	30.2		
Virginia	1	2	1	2	1.5		
W Virginia	14	15	19	18	16.5		
Wyoming	120	112	112	119 +7	115.7		
TOTAL UNITED STATES	1992	1992	2028	2019	2007.7	CUM YTD	1976 YTD
W Canada	162	138	180	204	183.5	1915.0	1545.8
E Canada	0	0	0	0	0.0	203.7	151.0
GRAND TOTAL	2154	2180	2208	2223	2191.2	2119.2	1697.8

* Platform offshore.

May, 1977

ROTARY RIGS RUNNING - BY STATE

	May 2	May 9	May 16	May 23	May 31	May Avg
Alabama	15	13	13	12	12	13.0
Alaska-land	7	5	8	8	7	7.2
Alaska-offshore	6	6	6	6	8	6.4
Total Alaska	13	12	14	14	15	13.6
Arkansas	12	14	17	17	15-2	15.0
Arizona	0	0	0	0	0	0.0
California-land	77	77	81	83	76	78.8
California-offshore	10	10	9	10	9	9.6
Total California	87	87	90	93	85-8	88.4
Colorado	42	40	41	41	42	41.2
Florida-land	3	4	4	4	4	3.8
Florida-offshore	1	1	1	1	1	1.0
Total Florida	4	5	5	5	5	4.8
Georgia-offshore	1	1	1	1	1	1.0
Idaho	0	0	0	0	0	0.0
Illinois	12	13	13	15	14	13.4
Indiana	2	3	3	4	4	3.2
Iowa	2	2	2	2	2	2.0
Kansas	63	64	67	66	67	65.4
Kentucky	2	3	4	2	1	2.4
N Louisiana	47	46	48	47	47	47.0
S Louisiana-inl waters	54	59	59	55	60	57.4
S Louisiana-land	87	83	81	82	85	83.6
S Louisiana-offshore	108	105	103	101	105 +4	104.4
Total Louisiana	296	293	291	285	297 +12	292.4
Maryland	0	0	0	0	1	0.2
Massachusetts-offshore	0	0	0	0	0	0.0
Michigan	19	21	26	24	23	22.6
Mississippi	36	37	40	43	44	40.0
Missouri	0	0	0	0	0	0.0
Montana	27	26	29	29	28	27.8
Nebraska	7	11	10	12	12	10.4
Nevada	3	3	3	2	2	2.6
New Jersey	0	0	0	0	0	0.0
New Mexico	74	71	72	73	71-2	72.2
New York	8	11	10	10	10	9.8
N Carolina	0	0	0	0	0	0.0
N Dakota	16	23	22	20	20	20.2
Ohio	33	35	35	38	36-2	35.4
Oklahoma	228	239	232	229	214-15	228.4
Oregon	0	0	0	0	0	0.0
Pennsylvania	12	15	11	15	16	13.8
Rhode Island-offshore	1	1	1	1	1	1.0
S Dakota	1	2	3	3	4	2.6
Tennessee	0	0	0	0	0	0.0
Texas-offshore	43	47	46	47	47	46.0
District 1	57	56	57	57	59	57.2
District 2	34	36	41	40	34-6	37.0
District 3	82	88	82	80	84+4	83.2
District 4	92	89	82	88	95+7	89.2
District 5	14	15	14	15	19+4	15.4
District 6	55	54	50	50	49	51.6
District 7B	84	99	95	91	92	90.2
District 7C	59	62	64	60	60	61.0
District 8	103	103	98	100	99	100.6
District 8A	54	56	60	61	62 -4	58.6
District 9	51	52	44	46	42	47.0
District 10	34	37	37	38	37	36.6
Total Texas	762	784	770	773	779+6	773.6
Utah	34	37	35	31	31	33.6
Virginia	2	2	1	1	2	1.6
W Virginia	12	10	12	10	16+6	12.0
Wyoming	117	120	117	123	115-8	118.4
TOTAL UNITED STATES	1943	1998	1990	1994	1985 -9	1982.0
W Canada	100	123	148	145	128-17	128.8
E Canada	0	0	0	0	0	0.0
GRAND TOTAL	2043	2121	2138	2139	2113	2110.8

169.40

CUM
YTD1976
YTD

1896.4

1496.0

207.7
0.6102.6
0.6

2104.7

1599.2

APRIL 1977

ROTARY RIGS RUNNING - BY STATE

162.20

	APR 4	APR 11	APR 18	APR 25	APR AVG
Alabama	15	16	15	16	15.5
Alaska-land	11	11	8	9	9.8
Alaska-offshore	5	5	6	6	5.5
Total Alaska	16	16	14	15	15.3
Arkansas	12	13	13	15+2	13.1
Arizona	0	0	0	0	0.0
California-land	74	78	76	76	76.0
California-offshore	9	9	8	8	8.5
Total California	83	87	84	84	84.5
Colorado	42	41	29	42+13	38.5
Florida-land	4	4	4	3	3.7
Florida-offshore	0	0	0	1	0.3
Total Florida	4	4	4	4	4.0
Georgia-offshore	1	1	1	1	1.0
Idaho	1	0	0	0	0.2
Illinois	9	10	12	14+2	11.3
Indiana	2	2	4	4	3.0
Iowa	1	1	2	2	1.5
Kansas	58	57	63	65+2	60.7
Kentucky	5	3	3	3	3.5
Louisiana	46	46	46	48	46.5
S Louisiana-inl waters	59	62	56	57	58.5
S Louisiana-land	75	80	81	82	79.5
S Louisiana-offshore	102	102	105	106	103.8
Total Louisiana	282	290	288	293+5	288.3
Maryland	0	0	0	0	0.0
Massachusetts-offshore	0	0	0	0	0.0
Michigan	20	19	18	15-3	18.0
Mississippi	41	39	37	35-2	38.0
Missouri	0	0	0	0	0.0
Montana	24	22	24	27+3	24.3
Nebraska	10	9	7	8	8.5
Nevada	2	2	3	3	2.5
New Jersey	0	0	0	0	0.0
New Mexico	69	77	75	77+2	74.5
New York	4	3	2	5+3	3.5
N Carolina	0	0	0	0	0.0
N Dakota	20	17	15	15	16.8
Ohio	28	31	32	29-3	30.0
Oklahoma	228	229	230	239+9	231.5
Oregon	0	0	0	0	0.0
Pennsylvania	13	14	11	12	12.5
Rhode Island-offshore	2	1	1	1	1.3
S Dakota	0	2	3	3	2.0
Tennessee	1	0	0	0	0.2
Texas-offshore	42	42	42	41	41.8
District 1	65	64	58	57	61.0
District 2	29	25	38	34-4	31.5
District 3	76	75	75	84+9	77.5
District 4	83	82	85	86	84.0
District 5	16	15	12	12	13.8
District 6	51	52	59	61	55.8
District 7B	77	74	73	74	74.5
District 7C	50	45	55	59+4	52.2
District 8	107	103	102	106+2+6	104.5
District 8A	54	58	57	55	56.0
District 9	56	57	57	55-2	56.2
District 10	37	36	34	35	35.5
Total Texas	743	728	747	759+12	744.3
Utah	28	31	31	31	30.3
Virginia	3	3	1	1	2.0
W Virginia	11	9	11	13	11.0
Wyoming	112	114	126	111-15	115.7
Total United States	1890	1891	1906	1942	1907.3
W Canada	177	135	105	98-7	128.7
E Canada	1	0	0	0	0.3
GRAND TOTAL	2068	2026	2011	2040	2036.3

CUM
YTD1976
YTD

1875.2

1480.0

227.1
0.967.5
1.0

2103.2

1548.5

MARCH 1 77

ROTARY RIGS RUNNING - BY STATE

16250

	Mar 7	Mar 14	Mar 21	Mar 28	Mar Avg		
Alabama	17	16	14	15 +1	15.5		
Alaska-land	11	12	15	13	12.8		
Alaska-offshore	4	4	5	5	4.5		
Total Alaska	15	16	20	18 -2	17.3		
Arkansas	9	9	11	11	10.0		
Arizona	0	0	0	0	0.0		
California-land	70	74	75	70	72.3		
California-offshore	9	9	9	9	9.0		
Total California	79	83	84	79 +5	81.3		
Colorado	42	42	40	40	41.0		
Florida-land	7	6	5	5	5.7		
Florida-offshore	0	0	0	0	0.0		
Total Florida	7	6	5	5	5.7		
Georgia-offshore	1	1	1	1	1.0		
Idaho	1	1	1	1	1.0		
Illinois	10	9	13	14 +1	11.5		
Indiana	3	4	3	2 -1	3.0		
Iowa	0	0	1	1	0.5		
Kansas	55	60	59	60 +1	58.5		
Kentucky	1	2	4	5 +1	3.0		
N Louisiana	45	45	46	44	45.0		
S Louisiana-inl waters	54	50	53	55	53.0		
S Louisiana-land	74	76	76	77	75.8		
S Louisiana-offshore	108	99	105	107	104.7		
Total Louisiana	281	270	280	283 +3	278.5		
Maryland	0	0	0	0	0.0		
Massachusetts-offshore	0	0	0	0	0.0		
Michigan	24	22	22	22	22.5		
Mississippi	37	40	39	43 +4	39.7		
Missouri	0	0	0	0	0.0		
Montana	30	28	28	25 -3	27.8		
Nebraska	10	10	8	10 +2	9.5		
Nevada	3	5	5	4 -1	4.2		
New Jersey	0	0	0	0	0.0		
New Mexico	68	73	66	68 +2	68.7		
New York	3	6	7	3 -4	4.7		
N Carolina	0	0	0	0	0.0		
N Dakota	19	20	20	20	19.8		
Ohio	27	25	27	27	26.5		
Oklahoma	212	216	223	234 +11	221.3		
Oregon	0	0	0	0	0.0		
Pennsylvania	11	11	13	13	12.0		
S Dakota	0	2	2	2	1.5		
Tennessee	0	0	0	0	0.0		
Rhode Island-offshore	1	1	1	1	1.0		
Texas-offshore	45	43	40	41	42.3		
District 1	70	65	66	64	66.3		
District 2	34	35	36	32	34.3		
District 3	77	85	80	81	80.7		
District 4	83	84	81	83	82.7		
District 5	12	14	14	17	14.3		
District 6	55	51	49	48	50.7		
District 7B	81	79	75	81	79.0		
District 7C	52	52	48	46	49.5		
District 8	92	97	100	103	98.0		
District 8A	64	65	63	62	63.5		
District 9	53	45	51	56	51.2		
District 10	39	38	39	38	38.5		
Total Texas	757	753	742	752 +10	751.0		
Utah	26	25	27	26 -1	26.0		
Virginia	2	2	2	2	2.0		
W Virginia	9	12	10	9 -1	10.0		
Wyoming	113	113	110	108 -2	111.0		
Total United States	1873	1883	1888	1904	1887.0	1863.1	1540.4
Canada	281	270	270	217	259.5	259.0	223.6
Canada	1	1	1	1	1.0	1.0	1.0
GRAND TOTAL	2155	2154	2159	2122	2147.5	2123.1	1765.0

Cum
YTDMar
1976

166.30

ISSUED BY: R. J. Schneider, Hughes Tool Company, P. O. Box 2539, Houston, TX 77001

FEBRUARY 1977

ROTARY RIGS RUNNING - BY STATE

	Feb 7	Feb 14	Feb 21	Feb 28	Feb Avg
Alabama	19	18	17	19 +2	18.3
Alaska-land	10	10	10	11	10.3
Alaska-offshore	5	5	5	4	4.8
Total Alaska	15	15	15	15	15.0
Arkansas	11	9	10	10	10.0
Arizona	0	0	0	0	0.0
California-land	70	66	67	64	66.8
California-offshore	10	10	10	9	9.7
Total California	80	76	77	73 -4	76.5
— Colorado	38	38	39	39	38.5
Florida-land	5	6	6	7	6.0
Florida-offshore	0	0	0	0	0.0
Total Florida	5	6	6	7	6.0
Georgia-offshore	0	0	1	1	0.5
— Idaho	1	1	1	1	1.0
Illinois	19	23	14	15	17.8
Indiana	1	0	1	2	1.0
Iowa	0	0	0	0	0.0
Kansas	57	61	56	56	57.5
Kentucky	1	1	1	1	1.0
N Louisiana	43	46	45	44 -1	44.5
S Louisiana-inl waters	49	49	43	53 +10	48.5
S Louisiana-land	83	77	81	78 -3	79.7
S Louisiana-offshore	102	105	108	114 +6	107.3
Total Louisiana	277	277	277	289 +12	280.0
Maryland	0	0	0	0	0.0
Massachusetts-offshore	0	0	0	0	0.0
Michigan	27	25	23	24	24.8
Mississippi	39	40	41	42	40.5
Missouri	0	0	0	0	0.0
— Montana	31	31	31	33 +2	31.5
Nebraska	11	11	11	10	10.8
Nevada	1	4	4	4	3.3
New Jersey	0	0	0	0	0.0
New Mexico	67	66	65	67 +2	66.3
New York	2	1	4	5	3.0
N Carolina	0	0	0	0	0.0
— N Dakota	18	21	23	22	21.0
Ohio	21	22	23	26 +3	23.0
Oklahoma	195	213	208	209	206.3
Oregon	0	0	0	0	0.0
Pennsylvania	0	10	11	10	7.8
Rhode Island-offshore	1	1	1	1	1.0
S Dakota	2	2	2	2	2.0
Tennessee	0	0	0	0	0.0
Texas-offshore	39	41	46	46	43.0
District 1	67	66	68	69	67.5
District 2	27	27	31	37 +6	30.5
District 3	79	83	78	77	79.2
District 4	78	78	81	81	79.5
District 5	17	17	17	13 -4	16.0
District 6	44	48	49	52 +3	48.2
District 7B	91	87	82	83	85.7
District 7C	55	51	51	50	51.7
District 8	96	95	95	97 } +4	95.7
District 8A	59	61	61	64	61.2
District 9	43	44	48	51 +3	46.5
District 10	37	39	40	39	38.7
Total Texas	732	737	747	759 +12	743.4
— Utah	29	29	28	28	28.5
Virginia	2	2	2	1	1.8
W Virginia	10	10	10	8	9.5
— Wyoming	106	102	107	118 +9	108.2
Total United States	1818	1852	1856	1897 +41	1855.8
Western Canada	276	284	274	273	276.7
Eastern Canada	1	1	1	0	0.8
GRAND TOTAL	2095	2137	2131	2170	2133.3

Rocky Mtn

2/7

2/28

223

241

+8.1

U.S.

1818

189

+4.3

ISSUED BY: R. J. SCHNEIDER, HUGHES TOOL CO., P. O. BOX 2539, HOUSTON, TX 77001

JANUARY, 1977

ROTARY RIGS RUNNING - BY STATE

	Jan 4	Jan 10	Jan 17	Jan 24	Jan 31	Jan Avg
Alabama	20	20	20	20	20	20.0
Alaska-land	6	9	10	11	10	9.2
Alaska-offshore	4	4	4	4	5	4.2
Total Alaska	10	13	14	15	15	13.4
Arkansas	16	13	12	15	15	14.2
Arizona	1	0	0	0	0	0.2
California-land	78	79	80	80	72-8	77.8
California-offshore	9	10	10	10	11	10.0
Total California	87	89	90	90	83-7	87.8
Colorado	44	44	42	42	38-4	42.0
Florida-land	6	7	7	7	7	6.8
Florida-offshore	0	0	0	0	0	0.0
Total Florida	6	7	7	7	7	6.8
Georgia	0	0	0	0	0	0.0
Idaho	1	1	1	1	1	1.0
Illinois	26	23	22	19	19	21.8
Indiana	4	2	2	1	1	2.0
Iowa	0	0	0	0	0	0.0
Kansas	52	53	52	48	53+5	51.6
Kentucky	2	2	2	2	1	1.8
N Louisiana	43	45	43	42	42	43.0
S Louisiana-inl waters	52	55	52	51	49-2	51.8
S Louisiana-land	67	70	65	68	79+11	69.8
S Louisiana-offshore	89	90	92	91	95+4	91.4
Total Louisiana	251	260	252	252	265+13	256.0
Maryland	1	0	0	0	0	0.2
Massachusetts-offshore	0	0	0	0	0	0.0
Michigan	26	26	25	25	27+2	25.8
Mississippi	34	37	39	37	39+2	37.2
Missouri	0	0	0	0	0	0.0
Montana	36	39	37	39	33-6	36.8
Nebraska	8	6	9	9	10	8.4
Nevada	5	5	3	3	1-2	3.4
New Jersey	0	0	0	0	0	0.0
New Mexico	67	66	69	67	66	67.0
New York	0	5	6	5	4	4.0
N Carolina	0	0	0	0	0	0.0
N Dakota	18	17	19	16	18+2	17.6
Ohio	29	29	29	24	23-1	26.8
Oklahoma	206	233	220	219	208-11	217.2
Oregon	0	0	0	0	0	0.0
Pennsylvania	10	10	11	11	10	10.4
S Dakota	5	6	3	2	1	3.4
Tennessee	0	0	0	0	0	0.0
Rhode Island-offshore					1	0.2
Texas-offshore	39	42	41	41	37-4	40.0
District 1	67	65	64	62	63	64.2
District 2	35	25	30	29	28	29.4
District 3	81	86	91	82	81	84.2
District 4	64	76	74	74	73	72.2
District 5	24	20	20	20	19	20.6
District 6	41	45	44	41	47	43.6
District 7B	75	85	84	82	86	82.4
District 7C	48	49	52	55	56	52.0
District 8	109	103	103	100	97-8	102.4
District 8A	58	53	58	59	53	56.2
District 9	51	52	48	45	42	47.6
District 10	35	35	35	36	37	35.6
Total Texas	727	736	744	726	719-7	730.4
Utah	25	26	29	29	26-3	27.0
Virginia	1	1	1	0	2	1.0
W Virginia	15	10	13	6	6-	10.0
Wyoming	105	105	105	105	103-2	104.6
Total United States	1838	1884	1878	1835	1815	1850.0
W Canada	171	230	271	271	280	244.6
E Canada	1	1	1	1	1	1.0
Grand Total	2010	2115	2150	2107	2096	2095.6

145.80

Barge 49
Offshore 149
Land 1617.
1815.

Cum 1976
YTD Jan.

1850.0 1710.5
244.6 212.2
1.0 0.3
2095.6 1923.0