

III. Offshore Development Activity

The Gulf of Mexico (GOM) OCS Region has the highest level of permitting and drilling activity. The number of permits issued for collecting geologic and geophysical (G&G) data is shown in table 9. Tables 10, 12, and 14 show the yearly record of OCS drilling activity, zone completions, and producing acreage, respectively. Tables 11, 13, and 15 show OCS drilling activity, zone completions, and producing acreage by regional area, respectively.

The number of G&G permits issued on the OCS in the latter half of the 1980's was less than 75 percent of the total issued in the first half of the decade. This trend continues in the 1990's with a total of 107 in 1995. Drilling activity in 1995 decreased by almost 6 percent to 798 wells drilled compared to 845 in 1994. Production of oil and gas occurs on about 8 percent of the acreage originally offered for lease.

While drilling activity decreased in the GOM OCS Region, there was a net increase of 62 production facilities in 1995, for a year end total of 3,891 (see table 17). The Pacific OCS Region, the only other producing OCS area, removed one facility in 1994 and has 23 (see table 16). About 50 percent of OCS production facilities are between 0 and 32.2 km (0 and 20 mi) of shore (see table 18). Over 80 percent of these facilities are found in less than 50 m (164 ft) of water (see table 19).

Tables 20 and 21 show pipeline mileage in the western and central GOM and offshore California. Collectively, pipelines transport almost 95 percent of OCS oil and 100 percent of OCS natural gas. The growth in pipeline mileage in the GOM has been steady throughout the last decade, reaching a total of almost 23,000 miles of pipeline.

Table 9. Permits Issued for Geologic and/or Geophysical Exploration on Federal Offshore Lands, 1960–95

[These calendar year data count only G&G permits issued; permit extensions are not reported in this tabulation.]

Year	Alaska OCS	Atlantic OCS	Pacific OCS	Gulf of Mexico OCS			Yearly Total
				Louisiana	Texas	MAFLA ¹	
1960–69	106	52	175	1417	673	188	2611
1970	40	4	3	108	47	11	213
1971	27	4	0	126	38	15	210
1972	17	4	1	130	42	26	220
1973	33	4	30	133	55	84	339
1974	47	2	24	174	103	7	357
1975	82	29	46	251	92	10	510
1976	69	35	24	195	89	8	420
1977	33	20	31	269	88	11	452
1978	9	17	38	165	97	16	342
1979	32	9	24	126	73	12	276
1980	41	15	31	142	65	24	318
1981	54	17	40	177	69	37	394
1982	85	11	62	226	100	18	502
1983	103	10	45	267	108	41	574
1984	70	6	56	260	114	37	543
1985	63	2	33	193	76	31	398
1986	18	3	20	107	46	17	211
1987	18	2	20	186	52	20	298
1988	13	4	33	172	64	27	313
1989	17	0	0	177	49	6	249
1990	19	1	4	157	64	6	251
1991	7	0	0	109	51	3	170
1992	7	0	0	103	27	4	141
1993	8	0	0	102	29	4	143
1994	3	0	0	89	38	3	133
1995	2	1	0	77	27	0	107
Total	1,023	252	740	5,638	2,376	666	10,695

¹ Mississippi, Alabama, and Florida.

Table 10. Oil and Gas Well Drilling on Federal Offshore Leases, 1955–95

[Well and borehole are used interchangeably in these data, and no distinction is made between exploration and production well drilling in the tabulations.]

Year	Well Drilling Status			Completed (Wells and Boreholes)	Plugged and Abandoned (Wells and Boreholes)	Cumulative Total
	Active	Suspended	Other ¹			
1955	41	0	N/A	239	175	455
1956	76	0	N/A	357	261	694
1957	61	17	N/A	588	402	1,068
1958	35	21	N/A	795	485	1,336
1959	40	31	N/A	1,461	569	2,101
1960	58	53	N/A	1,923	686	2,720
1961	54	99	N/A	2,467	814	3,434
1962	56	107	N/A	3,091	1,002	4,256
1963	62	130	N/A	3,631	1,226	5,049
1964	73	193	102	4,313	1,372	6,053
1965	89	261	0	4,733	1,685	6,768
1966	82	0	444	3,305	1,871	5,702
1967	95	0	496	3,762	2,233	6,586
1968	133	0	592	4,258	2,592	7,575
1969	103	129	590	4,752	2,919	8,493
1970	106	115	534	5,359	3,278	9,392
1971	89	152	551	5,718	3,724	10,234
1972	79	263	537	6,032	4,168	11,079
1973	84	249	546	6,421	4,599	11,899
1974	91	292	1,006	6,218	5,108	12,715
1975	97	292	977	6,104	5,617	13,087
1976	97	362	1,117	6,461	6,088	14,125
1977	169	496	N/A	7,914	6,610	15,189
1978	117	486	N/A	8,433	7,133	16,169
1979	175	603	N/A	8,964	7,576	17,318
1980	191	739	N/A	9,638	8,057	18,625
1981	173	724	N/A	10,308	8,704	19,909
1982	166	701	N/A	11,164	8,913	20,944
1983	134	597	N/A	11,990	9,374	22,095
1984	253	313	1,151	11,861	9,903	23,481
1985	195	348	1,166	12,285	10,487	24,481
1986	95	279	1,200	12,536	11,909	26,019
1987	142	265	1,275	12,736	12,373	26,791
1988	116	289	1,402	12,827	13,164	27,798
1989	123	361	1,441	12,938	13,846	28,709
1990	120	266	1,466	13,167	14,677	29,696
1991	64	249	1,436	13,184	15,430	30,363
1992	104	180	1,465	13,209	16,348	31,306
1993	129	193	1,433	13,181	16,709	31,645
1994	120	222	1,454	13,342	17,427	32,565
1995	124	247	1,522	13,475	18,089	33,457

¹ Other kinds of wells not yet plugged and abandoned (P&A), but standing awaiting work, are not separately reported from 1955–63 and from 1977–83. Before 1964 and from 1977–83, wells or boreholes not yet P&A were listed as either completed or suspended.

NOTE: See table 11 for well information by adjacent State or planning area. See table 12 for information about zone completions.

Table 11. Oil and Gas Well Drilling Status by OCS Area, 1995

[Well and Borehole are used interchangeably in these data, and no distinction is made between exploration and production well drilling in the tabulations]

OCS Area by Adjacent State	Well Drilling Status			Completed (Wells and Boreholes)	Plugged and Abandoned (Wells and Boreholes)	Cumulative Total
	Active	Suspended	Other ¹			
1995						
Alaska	0	0	0	0	81	81
Atlantic	0	0	0	0	46	46
Gulf of Mexico						
Central	101	132	1,363	11,130	14,866	27,592
Eastern	1	0	6	0	40	47
Western	20	114	137	1,692	2,653	4,616
Pacific	2	1	16	653	449	1,121
Total	124	247	1,522	13,475	18,135	33,503

¹ Other kinds of wells not yet plugged and abandoned (P&A), but standing awaiting work, are not separately reported from 1955–63 and from 1977–83. Before 1964 and from 1977–83, wells or boreholes not yet P&A were listed as either completed or suspended.

Table 12. Zone Completion Status of Oil and Gas Wells on the Federal OCS, 1950–95

Table 12. Zone Completion Status of Oil and Gas Wells on the Federal OCS, 1950-95									
Year	Producible Zone Completion					Year-end Total	Other Than Producible Zone Completions ²		
	Active		Shut-in ¹				Service, ³ etc.	Not Restorable ⁴	Yearend Total
	Oil	Gas	Oil	Gas	U. H.				
1950	371	N/A	13	26	N/A	410	N/A	N/A	N/A
1951	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1952	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1953	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1954	50	20	15	45	N/A	130	N/A	N/A	N/A
1955	117	29	31	62	N/A	239	N/A	N/A	N/A
1956	195	32	41	89	N/A	357	N/A	N/A	N/A
1957	330	31	83	144	N/A	588	N/A	N/A	N/A
1958	487	74	80	154	N/A	795	N/A	N/A	N/A
1959	864	173	245	179	N/A	1,461	N/A	N/A	N/A
1960	1,138	210	326	249	N/A	1,923	N/A	N/A	N/A
1961	1,463	240	429	335	N/A	2,467	N/A	N/A	N/A
1962	1,863	333	513	382	N/A	3,091	N/A	N/A	N/A
1963	2,237	397	584	413	N/A	3,631	N/A	N/A	N/A
1964	2,708	417	622	486	N/A	4,233	80	0	80
1965	3,068	516	687	462	N/A	4,733	0	0	0
1966	3,588	660	747	504	N/A	5,499	35	0	35
1967	4,080	870	759	507	N/A	6,214	60	0	60
1968	4,483	1,040	908	578	N/A	7,009	91	0	91
1969	4,985	1,280	880	578	N/A	7,723	117	0	117
1970	5,565	1,574	882	645	N/A	8,666	164	0	164
1971	5,704	1,872	953	602	N/A	9,131	217	0	217
1972	3,744	1,808	2,996	872	N/A	9,420	296	0	296
1973	3,814	2,108	3,054	879	N/A	9,855	332	0	332
1974	3,686	1,942	732	461	266	7,087	416	873	1,289
1975	3,477	2,126	1,013	694	512	10,677	325	587	912
1976	3,555	2,256	3,206	1,419	193	10,629	333	2,304	2,637
1977	3,747	2,542	3,122	1,476	111	10,998	404	2,210	2,614
1978	3,648	2,869	3,257	2,638	0	12,412	382	3,323	3,705
1979	2,781	3,266	3,262	1,759	170	11,238	389	3,638	4,027
1980	5,375	3,631	3,161	1,813	44	14,024	370	3,406	3,776
1981	4,522	3,923	2,847	1,907	53	13,252	362	3,830	4,192
1982	4,734	4,238	2,799	2,052	110	13,933	363	4,201	4,564
1983	4,142	3,332	3,690	3,270	8	14,442	496	4,510	5,006
1984	4,138	3,536	3,888	3,372	0	14,934	514	4,314	4,828
1985	4,321	3,332	3,794	3,701	0	15,148	576	4,146	4,722
1986	4,406	3,404	3,799	3,743	0	15,352	511	4,339	4,850
1987	4,543	3,468	3,684	3,780	0	15,475	503	4,302	4,805
1988	4,627	3,290	3,618	4,037	0	15,572	585	4,495	5,080
1989	4,507	3,422	3,496	4,073	0	15,498	484	4,288	4,772
1990	4,515	3,580	3,412	4,140	0	15,647	560	4,130	4,690
1991	4,549	3,543	3,309	4,139	0	15,540	542	3,926	4,468
1992	4,612	3,332	3,143	4,288	0	15,375	535	4,053	4,588
1993	4,774	3,557	2,949	4,116	0	15,396	529	3,954	4,483
1994	4,846	3,807	2,813	4,008	0	15,474	503	3,954	4,457
1995	4,950	4,157	2,696	3,818	0	16,025	488	3,954	4,442

¹ Shut-In Oil, Gas, or Undetermined Hydrocarbon (U.H.) completions are those temporarily taken out of production pending either repairs or major or minor workovers. Until 1974, calendar year reports did not distinguish such restorable but producible zone completions that are shut-in and left "standing due to drilling on platforms, planning for secondary or other injection projects, delay in facilities (installation), well plugging by sand or (those) other mechanical problems, pressure depletion, or having an excessive oil/gas ratio."

² Other Than Producible Zone Completions includes those service completions drilled for injection/withdrawal, salt disposal, or similar purpose. These have been reported separately since 1964.

³ All injection, service wells, etc.

⁴ Not Restorable (oil or gas) completions are judged not capable of production and are to be plugged and abandoned (P&A) and permanently sealed.

Table 13. Zone Completion Status of Oil and Gas Wells by OCS Area, 1995

OCS Area by Adjacent State	Producible Zone Completions						Other Than Producible Zone Completions ²		
	Active		Shut-In ¹			Yearend Total	Service, ³ etc.	Not Restorable ⁴	Yearend Total
	Oil	Gas	Oil	Gas	U. H.				
1995									
Alaska	0	0	0	0	0	0	0	0	0
Atlantic	0	0	0	0	0	0	0	0	0
Gulf of Mexico									
Central	4,331	3,116	2,521	3,096	0	13,466	382	3,636	4,018
Eastern	0	0	0	0	0	0	0	0	0
Western	175	1,023	78	705	0	1,983	2	308	310
Pacific	444	18	97	17	0	576	104	10	114
Total	4,950	4,157	2,696	3,818	0	16,025	488	3,954	4,442

¹ *Shut-In Oil, Gas, or Undetermined Hydrocarbon* (U.H.) completions are those temporarily taken out of production pending either repairs or major or minor workovers. Until 1974, calendar year reports did not distinguish such restorable but producible zone completions that are shut-in and left "standing due to drilling on platforms, planning for secondary or other injection projects, delay in facilities (installation), well plugging by sand or (those) other mechanical problems, pressure depletion, or having an excessive oil/gas ratio."

² *Other Than Producible Zone Completions* include those service completions drilled for injection/withdrawal, salt disposal, or similar purpose. These have been reported separately since 1964.

³ All injection, service, wells, etc.

⁴ *Not Restorable* (oil or gas) completions are judged not capable of production and are to be plugged and abandoned (P&A), and permanently sealed.

Table 14. Producing and Nonproducing OCS Oil and Gas and Salt and Sulphur Leases under Federal Supervision, 1954–95

Year	Producing		Nonproducing		Total	
	Number	Acres	Number	Acres	Number	Acres
1954	58	240,028	420	1,288,665	478	1,528,693
1955	106	438,076	505	1,938,656	611	2,376,732
1956	171	674,176	391	1,181,162	562	1,855,338
1957	213	775,566	208	709,941	421	1,485,507
1958	230	969,575	162	551,377	392	1,520,952
1959	272	1,102,660	117	384,446	389	1,487,106
1960	299	1,167,499	170	823,321	469	1,990,820
1961	315	1,228,839	148	705,367	463	1,934,206
1962	332	1,300,955	526	2,424,225	858	3,725,180
1963	363	1,431,827	524	2,458,188	887	3,890,015
1964	375	1,504,462	606	2,870,912	981	4,375,374
1965	425	1,679,617	512	2,450,253	937	4,129,870
1966	488	1,964,529	486	2,128,147	974	4,092,676
1967	525	2,086,074	358	1,519,663	883	3,605,737
1968	538	2,156,185	485	2,199,604	1,023	4,355,789
1969	568	2,308,538	453	2,004,712	1,021	4,313,250
1970	608	2,529,909	409	1,750,765	1,017	4,280,674
1971	649	2,709,997	434	1,892,294	1,083	4,602,291
1972	698	2,914,964	325	1,423,103	1,023	4,338,067
1973	726	3,039,418	540	2,574,565	1,266	5,613,983
1974	733	3,065,699	857	4,181,169	1,590	7,246,868
1975	790	3,252,735	1,002	5,068,056	1,792	8,320,791
1976	833	3,476,595	1,163	5,955,508	1,996	9,432,103
1977	896	3,893,285	1,252	6,341,595	2,148	10,234,880
1978	931	4,104,086	1,147	5,783,940	2,078	9,888,026
1979	1,022	4,532,733	1,141	5,818,751	2,163	10,351,484
1980	1,145	5,126,991	1,144	5,795,646	2,289	10,922,637
1981	1,218	5,447,556	1,235	6,119,276	2,453	11,566,832
1982	1,307	5,891,925	1,378	6,962,709	2,685	12,854,634
1983	1,393	6,317,423	2,379	12,229,930	3,772	18,547,353
1984	1,476	6,718,673	3,548	18,403,549	5,024	25,122,222
1985	1,514	6,965,316	3,690	19,047,583	5,204	26,012,899
1986	1,543	7,142,989	3,532	18,295,258	5,075	25,438,247
1987	1,596	7,415,149	3,596	18,676,131	5,192	26,091,280
1988	1,647	7,691,964	4,171	21,891,787	5,818	29,583,751
1989	1,688	7,896,055	4,827	25,525,778	6,515	33,421,833
1990	1,717	8,044,618	5,272	27,837,820	6,989	35,882,438
1991	1,712	7,952,904	5,422	28,989,968	7,134	36,942,872
1992	1,711	7,972,403	4,734	25,070,563	6,445	33,042,966
1993	1,735	8,108,944	3,930	20,857,307	5,665	28,966,251
1994	1,724	12,016,395	3,577	18,583,465	5,301	30,599,860
1995	1,634	8,056,990	3,479	17,107,208	5,113	25,164,199

Table 15. Producing and Nonproducing OCS Oil and Gas and Salt and Sulphur Leases under Federal Supervision by OCS Area, 1995

(Data from phosphate, salt and sulphur leases are reported separately from oil and gas leases.)

OCS Area by Adjacent State	Producing ¹		Nonproducing		Total Leases	
	No.	Acres	No.	Acres	No.	Acres
1995						
Alaska	0	0	57	269,390	57	269,390
California	43	217,668	40	205,677	83	423,345
Gulf of Mexico						
Central	1,242	5,913,835	2,535	11,927,039	3,777	17,840,874
salt	0	0	1	2,495	1	2,495
sulphur	3	14,560	2	2,909	5	17,470
Eastern	0	0	157	904,003	157	904,003
Western	346	1,910,927	634	3,493,956	980	5,404,883
Mid-Atlantic	0	0	34	193,568	34	193,568
South Atlantic	0	0	19	108,171	19	108,171
Total	1,634	8,056,990	3,479	17,107,208	5,113	25,164,199

¹ The designation *Producing* actually includes all the leases in each producing unit.

Table 16. Oil and Gas Production Facilities on the OCS by Operational District, 1995

OCS Region	Number of Facilities
Alaska	0
Atlantic	0
Pacific¹	23
Camarillo District	19
Santa Maria District	4
Gulf of Mexico	3,823
Corpus Christi Subdistrict	140
Lake Charles Subdistrict	369
Lake Jackson District	343
Lafayette District	825
Houma District	1,070
New Orleans District	1,076
Total	3,846

¹ Pacific OCS Region platforms include Platform Elly (see table 17), but not offshore storage and treatment (OS&T) facility/vessel.

NOTE: See table 17 for information on annual installations and removals.

Table 17. Installations, Removals, and Cumulative Totals of Offshore Production Facilities in Federal Waters, 1953–95

(There have not been any production facilities installed on the Atlantic or Alaska OCS.)

Year	Gulf of Mexico OCS			Pacific OCS			Cumulative Total
	Installations	Removals	Net Change	Installations	Removals	Net Change	
1953	41	0	41	0	0	0	41
1954	24	0	24	0	0	0	65
1955	30	1	29	0	0	0	94
1956	45	1	44	0	0	0	138
1957	55	4	51	0	0	0	189
1958	85	0	85	0	0	0	274
1959	80	1	79	0	0	0	353
1960	114	0	114	0	0	0	467
1961	111	0	111	0	0	0	578
1962	123	0	123	0	0	0	701
1963	86	2	84	0	0	0	785
1964	130	0	130	0	0	0	915
1965	126	5	121	0	0	0	1,036
1966	116	2	114	0	0	0	1,150
1967	134	0	134	1	0	1	1,285
1968	107	1	106	3	0	3	1,394
1969	105	1	104	1	0	1	1,499
1970	124	1	123	0	0	0	1,622
1971	101	4	97	0	0	0	1,719
1972	121	6	115	0	0	0	1,834
1973	98	1	97	0	0	0	1,931
1974	52	18	34	0	0	0	1,965
1975	100	32	68	0	0	0	2,033
1976	111	31	80	1	0	1	2,114
1977	116	15	101	1	0	1	2,216
1978	164	25	139	0	0	0	2,355
1979	159	43	116	2	0	2	2,473
1980	169	32	137	3	0	3	2,613
1981	171	24	147	3	0	3	2,763
1982	193	21	172	0	0	0	2,935
1983	177	36	141	1	0	1	3,077
1984	229	47	182	1	0	1	3,260
1985	214	68	146	3	0	3	3,409
1986	109	33	76	1	0	1	3,486
1987	119	24	95	1	0	1	3,582
1988	178	102	76	0	0	0	3,658
1989	195	100	95	2	0	2	3,755
1990	174	107	67	0	0	0	3,822
1991	153	117	36	0	0	0	3,858
1992	88	122	(34)	0	0	0	3,824
1993	110	179	(69)	0	0	0	3,755
1994	165	90	75	0	1	(1)	3,829
1995	139	77	62	0	0	0	3,891
Total	5,241	1,373	3,868	24	1	23	3,891

Note: The 1983 removal figures reflect earlier transfers of 5 Federal facilities from Federal to State jurisdiction and conversion of 3 from production to service use. The 1985 installation total includes 47 facilities counted during audits completed in 1985.

Table 18. Type of Production Facilities on the OCS and Their Distance from Shore, 1995

<i>Distance from Shore (miles)</i>	<i>Facility Class (Number of Well Slots)</i>							<i>Total</i>
	<i>Processing (0)</i>	<i>Single (1)</i>	<i>Jacket (2 – 6)</i>	<i>Medium (7 – 18)</i>	<i>Large (19 – 27)</i>	<i>Major (28 – 59)</i>	<i>Super (>60)</i>	
0 to 20	246	942	456	188	57	14	3	1,906
21 to 40	117	311	297	219	33	9	0	986
41 to 60	37	69	119	124	21	2	1	373
61 to 80	29	22	74	111	24	2	0	262
81 to 100	9	10	46	81	25	9	1	181
>100	9	3	21	56	24	2	0	115
Total	447	1,357	1,013	779	184	38	5	3,823

Note: All 23 facilities offshore California are within 20 miles of the coastline.

Table 19. Distribution of Production Facilities by Water Depth, 1995

<i>Water Depth (meters)</i>	<i>Facility Class (Number of Well Slots)</i>							<i>Total</i>
	<i>Processing (0)</i>	<i>Single (1)</i>	<i>Jacket (2 - 6)</i>	<i>Medium (7 – 18)</i>	<i>Large (19 – 27)</i>	<i>Major (28 – 59)</i>	<i>Super (>60)</i>	
0 to 50	385	1,338	877	469	74	8	3	3,154
51 to 100	58	18	129	275	85	17	0	582
101 to 200	3	0	7	32	20	5	0	67
201 to 400	0	1	0	2	4	7	1	15
401 to 900	0	0	0	0	2	1	1	4
>900	0	0	0	1	0	0	0	1
Total	446	1,357	1,013	779	185	38	5	3,823

Table 20. Pipeline Installations on the Gulf of Mexico OCS, 1951–95

(Both Federal- and State-permitted pipelines reported here originate in Federal waters; all landfalls are State-permitted and made on State lands.
Construction setups for pipelines are listed as undated if the installation year is not reported.)

Year	Central Gulf Permits				Western Gulf Permits				Cumulative
	Federal		State		Federal		State		
	Sections	Miles	Sections	Miles	Sections	Miles	Sections	Miles	
1951	0	0	1	1	0	0	0	0	1
1952	1	10	0	0	0	0	0	0	11
1953	0	0	0	0	0	0	0	0	11
1954	1	1	3	7	0	0	0	0	19
1955	5	9	0	0	0	0	0	0	28
1956	13	55	3	15	0	0	0	0	98
1957	8	9	2	7	0	0	0	0	113
1958	15	21	2	5	0	0	0	0	139
1959	8	28	3	5	0	0	0	0	172
1960	19	30	6	22	0	0	0	0	223
1961	20	59	7	29	0	0	0	0	311
1962	27	99	1	4	0	0	0	0	414
1963	39	127	11	43	0	0	0	0	583
1964	18	65	2	74	0	0	0	0	722
1965	24	64	3	15	2	23	1	15	839
1966	31	272	5	21	0	0	0	0	1,131
1967	36	200	7	35	1	22	1	15	1,404
1968	39	228	9	47	0	0	0	0	1,678
1969	82	416	9	50	1	4	0	0	2,148
1970	125	413	9	43	1	17	0	0	2,620
1971	208	393	3	18	0	0	0	0	3,031
1972	318	1,286	15	159	10	26	1	7	4,510
1973	103	377	3	11	4	50	1	11	4,957
1974	115	523	4	32	2	12	0	0	5,523
1975	129	387	1	4	2	0	0	0	5,915
1976	200	579	5	25	3	3	0	0	6,521
1977	133	356	3	23	2	20	1	2	6,921
1978	202	585	9	40	24	149	1	22	7,717
1979	204	586	2	17	21	209	0	0	8,530
1980	178	650	3	5	38	225	0	0	9,410
1981	197	546	N/A	N/A	33	159	N/A	N/A	10,115
1982	147	262	N/A	N/A	13	30	N/A	N/A	10,406
1983	201	465	N/A	N/A	26	91	N/A	N/A	10,962
1984	176	266	N/A	N/A	5	23	N/A	N/A	11,251
1985	161	356	N/A	N/A	31	164	N/A	N/A	11,771
1986	162	424	N/A	N/A	34	113	N/A	N/A	12,308
1987	177	350	N/A	N/A	29	185	N/A	N/A	12,843
1988	174	536	N/A	N/A	41	175	N/A	N/A	13,554
1989	233	480	N/A	N/A	77	294	N/A	N/A	14,328
1990	235	602	N/A	N/A	78	201	N/A	N/A	15,130
1991	236	675	N/A	N/A	42	169	N/A	N/A	15,974
1992	168	516	N/A	N/A	30	91	N/A	N/A	16,581
1993	156	412	N/A	N/A	28	73	N/A	N/A	17,065
1994	204	858	N/A	N/A	27	90	N/A	N/A	18,013
1995	257	1,013	N/A	N/A	38	151	N/A	N/A	19,178
Subtotal	5,185	15,586	131	753	643	2,767	6	72	19,178
Undated	2,819	3,097	50	251	117	417	4	48	3,814
Total	8,004	18,683	181	1,004	760	3,184	10	120	22,992

Table 21. Pipeline Installations on the Pacific OCS, 1967–95

Year	Pipeline Route	Length of Pipeline (meters)			
		Oil	Gas	Oil/Gas	Water
1967	Platform Hogan to shore facility	1,272	1,272	0	1,272
	Platform Hogan to shore facility	0	¹ 1,271.62	0	0
1968	Platform "A" to shore facility	10,845	10,845	0	10,845
	Platform "B" to Platform "A"	1,211	1,211	0	1,211
	Platform Houchin to Platform Hogan	1,023	1,023	0	1,023
	Platform Houchin to Platform Hogan	0	¹ 1,022.60	0	0
	Platform "C" to Platform "B"	865	865		1,731
1969	Platform Hillhouse to Platform "A"	857	857	0	857
1979	Platform Grace to (Platform Hope)	18,745	18,745	0	0
	Platform Henry to Platform Hillhouse	4,008	4,008	0	4,008
1980	Platform Ellen to Platform Elly	0	0	61	0
	Platform Elly to shore facility	10,283	0	0	0
1981	Platform Gilda to shore facility	10,036	10,036	0	10,036
	Platform Gina to shore facility	0	0	484	484
1983	Platform Edith to Platform Elly	1,873	0	0	0
	Platform Edith to (Platform Eva)	0	8,184	0	0
	Platform Habitat to shore facility	0	7,589	0	0
	Platform Hondo "A" to shore facility	0	33,472	0	0
1984	Platform Eureka to Platform Elly	2,566	2,597	0	2,552
1986	Platform Irene to shore facility	3,688	3,688	0	3,688
	Platform Harvest to Platform Hermosa	4,816	4,816	0	0
	Platform Hermosa to shore facility	9,662	9,662	0	0
1987	Platform Gail to Platform Grace	9,656	9,656	0	9,656
	Platform Hidalgo to Platform Hermosa	8,687	8,687	0	0
1992	Platform Harmony to shore	7,436	0	0	0
	(20" oil emulsion)				
	Shore to Platform Harmony	0	0	0	7,522
	(12" treated water)				
	Platform Hondo to Platform Harmony	4,608	0	0	0
	(14" oil emulsion)				
	Platform Harmony to Platform Hondo	0	4,623	0	0
	(12" sales gas)				
	Platform Heritage to Platform Harmony	10,901	0	0	0
	(20" oil emulsion)				
Total		123,039	111,713	545	54,884

¹ Gas lift pipeline.

NOTE: All offshore facilities (with the launch dates) reported here are located in Federal waters with the exception of Platform Hope (1979) and Platform Eva (1983), shown above in parentheses, which are in State waters. Altogether, Federal leases offshore California are serviced by 299 kilometers (185.89 statute miles) of pipeline.