

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W			
2		Production		Summary of natural gas production entered on entity worksheets															Richard Heede Climate Accountability Institute 1-28-Jul-20			Copyright Climate Accountability Institute				
3																										
4		Natural Gas		Notes	1870s	1880s	1890s	1880s												1890s						
5		1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894						
6				Commissioned?																						
7																										
8																										
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10																										
11	1	Abu Dhabi National Oil (ADNOC), UAE		yes																						
12	2	Anadarko, USA		yes																						
13	3	Antero, USA	added June 2019																							
14	4	Apache, USA		yes																						
15	5	Bahrain Petroleum Corporation		yes																						
16	6	BG Group (British Gas), UK		yes																						
17	7	BHP Billiton, Australia		yes																						
18	8	BP, UK		yes																						
19	9	Canadian Natural Resources, Canada		yes																						
20	10	Chesapeake, USA	added May 2019																							
21	11	Chevron, USA		yes																						
22	12	CNOOC (China National Offshore Oil), China		yes																						
23	13	ConocoPhillips, USA		yes																						
24	14	CONSOL Energy, USA		yes																						
25	15	Devon Energy, USA		yes																						
26	16	Ecopetrol, Colombia		yes																						
27	17	Egyptian General Petroleum, Egypt		yes																						
28	18	EnCana, Canada		yes																						
29	19	ENI, Italy		yes																						
30	20	EOG Resources, USA	added June 2019																							
31	21	EQT Corporation, USA	added June 2019																							
32	22	Equinor, Norway		yes																						
33	23	ExxonMobil, USA		yes																						
34	24	Former Soviet Union		yes																						
35	25	Gazprom, Russian Federation		yes																						
36	26	Hess, USA		yes																						
37	27	Husky, Canada		yes																						
38	28	Inpex, Japan	added June 2019																							
39	29	Iraq National Oil Company, Iraq		yes																						
40	30	Kuwait Petroleum Corp., Kuwait		yes																						
41	31	Libya National Oil Corp., Libya		yes																						
42	32	Lukoil, Russian Federation		yes																						
43	33	Marathon, USA		yes																						
44	34	Murphy Oil, USA		yes																						
45	35	Nexen, Canada (acq. By CNOOC)		yes																						
46	36	National Iranian Oil Company (NIOC), Iran		yes																						
47	37	Nigerian National Petroleum, Nigeria		yes																						
48	38	Noble Energy, USA	added May 2019																							
49	39	Novatak, Russian Federation	added May 2019																							
50	40	Obseclan / PennWest, Canada	added June 2019																							
51	41	Occidental, USA		yes																						
52	42	Oil and Natural Gas Corporation, India		yes																						
53	43	OMV Group, Austria		yes																						
54	44	Pertamina, Indonesia		yes																						
55	45	Petoro, Norway	added June 2019																							
56	46	PetroChina (CNPC), China		yes																						
57	47	Petroleo Brasileiro (Petrobras), Brazil		yes																						
58	48	Petroleos de Venezuela, Venezuela		yes																						
59	49	Petroleos Mexicanos (PEMEX), Mexico		yes																						
60	50	Petroleum Development Oman, Oman		yes																						
61	51	PetroEcuador	added May 2019																							
62	52	Petronas, Malaysia		yes																						
63	53	Pioneer, USA	added June 2019																							
64	54	Polish Oil & Gas, Poland		yes																						
65	55	PTTEP, Thailand	added May 2020																							
66	56	Qatar Petroleum, Qatar		yes																						
67	57	Repsol, Spain		yes																						
68	58	Rosneft, Russian Federation		yes																						
69	59	Royal Dutch Shell plc, The Netherlands		yes																						
70	60	Santos, Australia	added May 2019																							
71	61	Sasol, South Africa		yes																						
72	62	Saudi Aramco, Saudi Arabia		yes																						
73	63	Sinopec, China		yes																						
74	64	Sonangol, Angola		yes																						
75	65	Sonatrach, Algeria		yes																						
76	66	Southwestern, USA	added June 2019																							
77	67	Suncor, Canada		yes																						
78	68	Syrian Petroleum, Syria		yes																						
79	69	Talisman, Canada		yes																						
80	70	Total, France		yes																						
81	71	TurkmenGaz, Turkmenistan	added June 2019																							
82	72	Wintershall, Germany	added May 2019																							
83	73	Woodside, Australia	added May 2019																							
84	74	YPF, Argentina	added May 2019																							
85	75	Yukos, Russian Federation		yes																						
163		Annual gas prod'n by identified entities:																								
164		Annual world gas prod'n 1960-2018																								
165		Percent identified prod'n of global prod'n																								
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	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1	Summary of natural gas production entered on entity worksheets																						
2	Richard Heede																						
3	Climate Accountability Institute											Copyright Climate Accountability Institute											
4	28-Jul-20																						
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7	1890s					1900s									1910s								
8	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917
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1	Summary of natural gas production entered on entity worksheets																															
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7	1910s														1920s										1930s				1940s			
8	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943						
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1	Summary of natural gas production entered on entity worksheets																											
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4											Richard Heede Climate Accountability Institute 1-28-Jul-20																	
5											Copyright Climate Accountability Institute																	
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7	1940s										1950s										1960s							
8	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
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26	69	78	89	100	137	163	193	244	283	335	361	397	483	542	562	625	789	834	926	993	1,132	1,237	1,325	1,429	1,538	1,751	1,854	1,916
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32	243	254	268	306	368	402	493	545	585	702	841	1,025	1,110	1,246	1,370	1,524	1,732	1,912	2,106	2,281	2,510	2,709	3,131	3,473	3,835	4,220	4,585	4,693
33																												
34	312	328	441	470	503	518	804	949	969	971	1,014	1,043	1,153	1,235	1,261	1,386	1,410	1,420	1,454	1,487	1,537	1,523	1,518	1,473	1,506	1,531	1,582	1,619
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56	323	342	351	422	469	523	612	679	756	823	864	937	1,000	1,064	1,094	1,160	1,235	1,299	1,455	1,534	1,741	1,994	2,282	2,482	2,892	3,378	3,920	4,373
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163	1,091	1,158	1,317	1,480	1,672	1,852	2,388	2,750	2,978	3,280	3,588	3,963	4,649	5,500	6,256	7,271	8,237	9,204	10,344	11,483	12,756	14,069	15,619	17,581	19,215	21,189	23,578	24,785
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Pre-1980 data needs to be reviewed: get "dry natural gas production" (as for 1980-2008)

21,019	22,867	24,480	26,394	28,398	31,072	34,403	34,471	36,866
54.6%	55.8%	57.5%	59.2%	61.9%	61.8%	61.6%	68.4%	67.2%

