

	Α	В	С	D	E		F	G	ī	Н
80										
81		Worldw	ide crude oi	il, natural gas liqu	ids and natural gas pr	oduction	was as follo	ws:		
82								2010	2009	2008
83				nds of barrels per	day)					
84		United	States ore					52	39	15
85								23	21	17
86								75	60	32
87		Europe							_	
88		Unite							21	29
89									13 12	16 11
90									37	27
91								88	83	83
92		Africa						_	_	_
93									70	72
94								11 10	14 14	15 14
95								23	22	23
96								113	120	124
97		Asia						_	_	_
98			baijan					. 7	8	7
99		Other						6	8	6
100		T-t-1						13	16	13
101								289	279	252
102		Natura United		s (thousands of b	arrels per day)					
103			ore					. 7	4	3
104		Onsh	ore						_7	7
105								14	11	10
106		Europe*	٠					3	3	4
107		Asia						1	_	_
108		Total						18	14	14
109										
110							1960		1959	
111		Net earni				_		_	1000	
112		Tota				\$27	,569,000	\$2	5,787,0	00*
113		Per s	hare	• • • • • • • • • • • • • • • •		\$	4.37	\$	4.0	98*
114		100	. ((6,313,310 shares	outstanding at the e	end of ea	ch year)			
115		Dividends								
116		Total								
117							,574,000	\$1	2,627,00	00
118					•••••	\$	2.15	\$	2.0	00
119		Expendin	ires for in	tangible drilling	and development					
120					reage, etc	\$40	,450,000	\$4:	2,625,00	00
121		Net crude	oil produ	ction—barrels		29	,602,000	34	0,105,00	ю .
122		Daily	average—b	parrels			80,879		82,47	8
123					et	108.514	,000,000	109 47	5,000,00	
124		Daily	average-c	ubic feet			,000,000			
125			elling price			~70,	,,	48	1,000,00	v
126							0.00			
126		Natur	al gas—ner	thousand oub:-	eet	\$	2.82	\$	2.84	
128						\$.1635	\$.153	
129		 Restated t as explain. 	o reflect the c ed elsewhere	capitalization of inta in this report.	ngible drilling and deve	lopment c	osts of produc	tive well	s in Liby	a
									,	
130			Ame	rada Petroleum	Corporation Annua	aı kepor	ι 1960, pa	age 2.		
131 132										
132										
134										
135										
136					UR GLOBA	L				

	2010	2009	2008
Natural gas (thousands of mcf per day)			
United States			
Offshore	70	55	37
Onshore	38	38	41
	108	93	78
Europe	_	_	_
United Kingdom	93	118	223
Norway*	29	21	22
Denmark	12	12	10
	134	151	255
Asia and Other	_	_	_
Joint Development Area of Malaysia/Thailand (JDA)	282	294	185
Thailand	85	85	87
Indonesia	50	65	82
Other	10	2	2
	427	446	356
m . I	_	-	
Total	669	690	689
Barrels of oil equivalent (per day)**	418	408	381
• • • • • • • • • • • • • • • • • • • •			

ΙN

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Hess Annual Report 2010, 10-K, pages 3-4.

The Corporation's total proved developed and undeveloped reserves at December 31 were as follows:

Crude Oil, Total Barrels of

	Crud	sate &			Total Ba Oi	1		
	Natural Gas Liquids (c)		Natura	Natural Gas		Equivalent (BOE)(a)		
	2010	2009	2010	2009	2010	2009		
	(Millions of barrels)		(Millions of mcf)		(Millions of barrels)			
Developed								
United States	180	154	199	205	213	188		
Europe(b)	210	171	424	417	281	241		
Africa	215	241	54	59	224	251		
Asia	22	27	638	864	128	170		
	627	593	1,315	1,545	846	850		
Undeveloped								
United States	124	95	81	101	138	112		
Europe(b)	256	159	295	225	305	197		
Africa	55	73	9	12	56	75		
Asia	42	47	898	938	192	203		
	477	374	1,283	1,276	691	587		
Total								
United States	304	249	280	306	351	300		
Europe(b)	466	330	719	642	586	438		
Africa	270	314	63	71	280	326		
Asia	64	74	1,536	1,802	320	373		
	1,104	967	2,598	2,821	1,537	1,437		

⁽a) Reflects natural gas reserves converted on the basis of relative energy content (six mef equals one barrel). Barrel of oil equivalence does not necessarily result in price equivalence as the equivalent price of pattural gas on a barrel of oil equivalent basis has been substantially lower than the corresponding price for ranke oil over the recent past. See the average selling price in the table on page 8.

Hess Annual Report 2010, 10-K, page 2.



Hess Corporation Annual Report 2010, page 4 and 5.

Hess CDP 2012	MtCO2e
Scope 1: CO2	8.132
Scope 1: CH4	0.338
Scope 1: N2O	0.040
Scope 1: total	8.509
Use of products	35.700
Total	44.209
Percent Scope 1	19.2%

Sales volumes of each type of refined petroleum product (residual oil, diesel, and gasoline) and natural gas were multiplied by EPA GHA emission factors from Table MM-1 and NN-1 in Subparts MM and NN of US EPA's Mandatory Reporting of Greenhouse Gases Use of sold 35700000 rule. The EPA factors for natural gas combustion were adjusted upwards to account for our gas production in Southeast Asia which has higher than average CO2 content. products

Hess Corporation submission to Carbon Disclosure Project for 2012, section 15.1: Scope 3 emissions. In tonnes CO2e.

Norway production for 2010 included 14 thousand barrels per day of crude oil, 1 thousand barrels per day of natural gas liquids and 13 thousand mef per day of natural gas from the Valhall Field.

^{**}Reflects nating pass production converted on the basis of relative energy content (six mcf equals one barrel). Barrel of oil equivalence does not necessarily result in price equivalence as the equivalent price of natural gas on a barrel of oil equivalent basis has been substantially lower than the corresponding price for crude oil over the recent past. See the average selling prices in the table on page 8.

Cell: 19

Comment: Rick Heede:

Hess Oil & Chemical Corporation merged with Amerada Petroleum Corporation in 1969, becoming Amerada Hess. Amerada shareholders objected, one claiming that "It looks to me as if Hess is buying Amerada with Amerada's money." Amerada was founded by British oil entrepreneur Lord Cowdrey in 1919, and was chiefly an oil exploration and proeduction company, whereas Hess Incorporated was formed in 1933 by Leon Hess, then 19 years old, as an oil delivery company in Asbury Park NJ. Distribution, storage, and refining followed (Hess served as a petroleum supply officer in the Army in WW2).

Amerada Hess drilled its first successful wildcat well at Prudhoe Bay in 1970.

Company expanded operations into Williston Basin in North Dakota, entered teh North Sea in the early 1970s, folloewed by Southeast Asia, Gulf of Mexico. The company changed its name to Hess Corporation in 2006.

"Amerada Hess Corporation is a leading global independent energy company, engaged in the exploration and production of crude oil and natural gas, as well as in refining and in marketing refined petroleum products, natural gas, and electricity. Our vision is to maximize shareholder value by enhancing financial performance and providing long-term profitable growth. We are committed to meeting the highest standards of corporate citizenship by protecting the health and safety of our employees, safeguarding the environment and creating a long-lasting, positive impact on the communities in which we do business. Exploration and production is the engine of future income and growth, currently representing nearly 70% of capital employed and over 95% of annual capital expenditures. The Company has operations in the United States, United Kingdom, Norway, Denmark, Equatorial Guinea, Gabon, Azerbaijan, Thailand and Indonesia. We continue to increase reserves outside the mature regions of the United States and North Sea. ~1,250 service stations from MA to FL. The HOVENSA refinery in the United States Virgin Islands, a joint venture between a subsidiary of Amerada Hess and a subsidiary of Petroleos de Venezuela, S.A. (PDVSA), is one of the largest crude oil refineries in the world. Refined petroleum products, as well as natural gas and electricity, are marketed to customers throughout the East Coast of the United States. This integrated approach to marketing allows the Company to meet the total energy needs of our customer base while maintaining a low-cost operating base."

Oil and Gas production data for 2002 and 2003 from "operating highlights," hess.com, 15Mar05.

Cell: D11

Comment: Rick Heede:

On this worksheet we report extractive data for each company or state-owned enterprise. Three columns under crude oil and natural gas allow for data reported in one of three formats (e.g., thousand barrels per day, or million barrels per year, or million tonnes per year). Coal is normally reported in U.S. or metric tonnes per year.

Note: the carbon content of the extracted resources is adjusted by a number of factors before emissions estimates are made in the worksheet 1 to the left. Most important is the subtraction of the fraction typically sequestered in petrochemicals and other non-combusted uses such as road oils, waxes, lubricants, greases, etc. See the comment for each extracted resource for detailed discussions of the combusted vs sequestered fractions.

Cell: D12

Comment: Rick Heede:

Total net worldwide crude oil plus natural gas liquids produced by each company or state-owned enterprise. Where data is available, we list gross production (before royalty production is netted out). More often, however, oil companies report production net of royalty production.

Crude production includes natural gas liquids (NGL) unless noted.

Cell: H12

Comment: Rick Heede:

Natural gas is typically reported as dry gas; natural gas liquids are reported under crude oil.

Carbon dioxide is normally removed from the gas flow at the production site (see "Vented Carbon Dioxide").

"SCM/d" = standard cubic meters per day. "cf/d" = cubic feet per day.

Cell: F21

Comment: Rick Heede:

CMS also reviewed Hess Oil & Chemical Corporation annual reports 1962 forward, which shows refinery and shipping data, but no production data. 1963, for example, shows refinery runs of 92,651 bbl per day; in 1967, refinery runs were 188,000 bll per day and refined products sold totaled 302,000 bbl per day.

Cell: D25

Comment: Rick Heede:

Amerada Petroleum Corporation Annual Report 1960. p. 2, New York.

Cell: D28

Comment: Rick Heede:

Amerada Petroleum Corporation Annual Report 1963. p.19, New York. Crude oil plus NGL (3,455 and 3,652 bbl per day in 1962 and 1963).

Cell: D30

Comment: Rick Heede:

Amerada Petroleum Corporation Annual Report 1965 p.21, New York. Crude oil plus NGL (4,077 and 4,403 bbl per day in 1964 and 1965).

Cell: D32

Comment: Rick Heede:

Amerada Petroleum Corporation Annual Report 1967 p.22, New York.

Cell: D36

Comment: Rick Heede:

Amerada Hess Annual Report 1979, p. 62-63, shows daily net production of crude oil, natural gas liquids, and natural gas. In 1979, 49,315 bbl per day from Libya, 10,267 from Abu Dhabi, 84,086 bbld from US, 10,819 bbld from Canada, 5,130 bbld from Norway, and 22.599 bbld from UK North Sea. Roughly half of gas production from US (329 million cf/d), but significant (221 million cf/d) from UK, and the remainder from Canada and Norway.

Cell: E50

Comment: Rick Heede:

Oil & Gas Journal OGJ400 and OGJ100, various years, for Amerada Hess 1984-2001.

Cell: D68

Comment: Rick Heede:

Oil and gas production data 2003 from Hess (2004) www.hess.com/aboutus/financial_highlights.htm

Cell: D70

Comment: Rick Heede:

Crude oil and NGL production in 2003 and 2004 from Amerada Hess (2005) 10-K, p.6. Oil = 226 kbbłd; NGL = 20 kbbłd.

Cell: E70

Comment: Joanie Henderson:

OGJ200 2005 reports 90 bblyr for 2004, and 227 bcf for 2004

Cell: H70

Comment: Rick Heede:

Natural gas production in 2003 and 2004 from Amerada Hess (2005) 10-K, p.6.

Cell: D72

Comment: Rick Heede (Dec09): Hess AnnRpt 2008.

Cell: H72

Comment: Rick Heede:

Hess AnnRpt 2008.

Cell: D75

Comment: Rick Heede:

Hess AnnRpt 2010, pdf p. 52, 10-K page 27. Crude plus NGLs (2009: 14 + 279 k bb/ d; 2010: 18 + 289 k bbl / d).

Comment: Rick Heede:

CDP Hess rpt for 2012; viewed 10ct12. GHG (p. 7-fwd): 10.348 MtCO2e. Uses IPIECA and WRI, and SAR GWP values. Scope 1: 8.51 MtCO2e; Scope 2: 0.548 MtCO2e. Scope 1 sources listed by country. p. 9: Exploration & Production: 5.61; Refining: 2.83, Retail & marketing: 0.009, Storage, transportation and distribution: 0.54 MtCO2e. CO2: 8.132, CH4: 0.338, Other: N20: 0.040 MtCO2e. Scope 2: Exploration & Production: 0.323, Refining: 0.790 Retail & Marketing: 0.135 Storage, transportation and distribution: 0.011 MtCO2e. Fuel: 13.28 TWh, Electricity: 3.55 TWh, Heat: 0, Steam 0, Cooling: 0. Residual fuel oil: 0.127 TWh, Distillate fuel oil No 2: 1.32 TWh, Natural gas: 10.30 TWh, Petroleum coke: 1.53 TWh. Scope 3: "Use of products sold:" 35.70 MtC02e (biz travel 0.023 MtCO2e, tankers and trucks [third party]: 0.24 MtCO2e. Ratio of "use of products sold": to Scope 1: 35.70 MtCO2 / 8.51 MtCO2e = 4.20 x. Sum of scope 1 & Product use = 44.21 MtCO2, of which Scope 1 is 19.2 percent. Reserves: Oil: 1.17 Gbbl; Gas: 0.404 Gbbloe.