

AMERADA HESS CORPORATION

R. K. STAFFORD
Senior Vice President

1185 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10036
(212) 536-8544

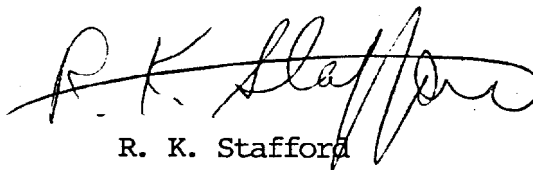
October 19, 1981

Miss Cheryl J. Trench
Petroleum Industry Research Foundation, Inc.
122 East 42 Street
New York, NY 10168

Dear Miss Trench:

Enclosed is completed questionnaire entitled, "U.S. Oil and Gas Exploration Survey", covering the years 1976 through 1980 as requested in Mr. John H. Lichtblau's letter of September 17, 1981 addressed to Mr. L. Hess.

Very truly yours,



R. K. Stafford

Enclosure

TELEPHONE: (212) 997-8500

NAME OF INDIVIDUAL CONTACT: Mr. A. T. Aitkens

net company interest basis. Include natural gas liquids with crude oil and lease condensate figures. Section A of this questionnaires and Exchange Commission. Please report the reserves data consistently with those reports. Section B of this questionnaire and items of the Bureau of the Census Form MA-13K, "Annual Survey of Oil and Gas." In filling out Section B, please repeat the the Bureau of the Census on Form MA-13K to the extent possible. In reporting "Drilling Activity" information for 1976, use a Section C requests data on holdings of oil and gas acreage. See other notes on page 4.

SECTION A

TOTAL UNITED STATES, NET COMPANY INTEREST BASIS

	1980	1979	1978	1977	1976
CONDENSATE AND NATURAL GAS LIQUIDS AND UNDEVELOPED, IN THOUSANDS					
Reserves at January 1	XXXXXXXXXX 16,018	XXXXXXXXXX 16,226	XXXXXXXXXX 5,727	XXXXXXXXXX 12,345	298,014 16,579
Drilling Activities					
Acquisitions and Other Additions	3,292 (32,320)	1,190 (33,086)	2,421 (34,311)	4,888 (34,902)	44,770 (35,810)
Purchases (Sales) of				(18)	(82)
Reserves at December 31	250,941	263,951	279,621	305,784	323,471
RESERVES, DEVELOPED AND UNDEVELOPED, FEET					
Reserves at January 1	XXXXXXXXXX 67,391	XXXXXXXXXX (8,567)	XXXXXXXXXX 18,473	XXXXXXXXXX (12,445)	1,330,824 22,475
Drilling Activities					
Acquisitions and Other Additions	27,581 (139,108)	19,141 (120,251)	54,648 (100,047)	65,931 (109,685)	122,606 (112,357)
Purchases (Sales) of				(310)	(2,563)
Reserves at December 31	1,123,737	1,167,873	1,277,550	1,304,476	1,360,985

SECTION B

Bureau of the Census Form MA-13K. Please repeat form, to the extent possible.

TOTAL UNITED STATES, NET COMPANY INTEREST BASIS

1979	1978		1977		1976	
	On-shore	Off-shore	On-shore	Off-shore		
253,771	82,713		142,429	Not Readily Available		
47,098	26,250		26,705			
74,124	60,099		86,237			
41,741	29,297		29,847			
1979	1978		1977		1976	
On-shore	Off-shore	On-shore	Off-shore	On-shore	Off-shore	Not Readily Available
8.3	4.4	15.8	4.2	16.4	2.6	
96	39	172	37	150	19	
1.4	--	5.4	--	2.2	--	
.17	--	50	--	18	--	
3.3	.1	4.8	--	3.6	--	
33	1	48	--	47	--	
1.0	.2	2.0	--	7.4	4.1	
4	1	13	--	53	37	
9.6	3.2	25.0	1.8	31.2	2.1	
86	34	152	20	205	24	
7.2	7.6	6.7	4.4	13.2	2.4	
47	71	65	45	90	27	

NAME OF COMPANY: AMERADA HEP
 Please report all data on a tonnaire requests data on Reports and to the Securities directly references selected data previously reported to basis consistent with report

I. PROVED CRUDE OIL, CONDENSED RESERVES, DEVELOPED AND OF BARRELS
 A. Total Proved Reserves
 B. Revisions of Earlier
 C. Improved Recovery
 D. Extensions, Discoveries
 E. Production
 F. Net Change Due to Proved Reserves
 G. Total Proved Reserves

II. PROVED NATURAL GAS RESERVES IN MILLIONS OF CUBIC FEET
 A. Total Proved Reserves
 B. Revisions of Earlier
 C. Improved Recovery
 D. Extensions, Discoveries
 E. Production
 F. Net Change Due to Proved Reserves
 G. Total Proved Reserves

NAME OF COMPANY: AMERADA HESS CORPORATION

These questions correspond directly to the referenced items in the Bureau of Economic Geology Census of the Oil and Gas Industry on that form, the data previously reported to the Bureau of the Census on that form,

INTEREST BASIS

1978	1977	1976
	318	305
	1,972	1,406
	2,290	1,711
	6	Not Readily Available
	6	

III. EXPENDITURES, CAPITALIZED AND EXPENSED, IN THOUSANDS OF DOLLARS

Form MA-13K

Line Reference	Item #	Description	1980
13	III.A.	A. Total Exploration Expenditures	282,853
14	III.A.1.	1. Total drilling and equipping wells	109,950
26	III.B.	B. Total Development Expenditures	81,374
27	III.B.1.	1. Total drilling and equipping wells	43,245

IV. DRILLING ACTIVITY: PHYSICAL DATA FOR WELLS COMPLETED DURING THE YEAR, NUMBER OF WELLS AND THOUSANDS OF FEET DRILLED

Form MA-13K

Line Reference	Item #	Description	On-shore	Off-shore
A. Exploration				
1. Dry holes				
60	VI.A.1.a.	a. Number of wells	14.4	4.5
61	VI.A.1.b.	b. Total footage drilled	132	43
2. Oil wells				
62	VI.A.2.a.	a. Number of wells	11.5	1.2
63	VI.A.2.b.	b. Total footage drilled	121	8
3. Gas wells				
64	VI.A.3.a.	a. Number of wells	14.6	2.4
65	VI.A.3.b.	b. Total footage drilled	90	24
B. Development				
1. Dry holes				
66	VI.B.1.a.	a. Number of wells	.5	.4
67	VI.B.1.b.	b. Total footage drilled	4	1
2. Oil wells				
68	VI.B.2.a.	a. Number of wells	17.2	1.2
69	VI.B.2.b.	b. Total footage drilled	105	13
3. Gas wells				
70	VI.B.3.a.	a. Number of wells	4.2	1.1
71	VI.B.3.b.	b. Total footage drilled	23	13

please contact

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NAME OF COMPANY: AMERADA HESS CORPORATION

SECTION C

TOTAL UNITED STATES, NET COMPANY INTEREST BASED

	1980	1979	1978
V. OIL AND GAS ACREAGE, IN THOUSANDS OF ACRES			
A. Net Acreage in which Respondent Holds an Interest	328	320	320
1. Developed	2,611	2,397	2,323
2. Undeveloped	2,939	2,717	2,643
3. Total			
B. Net Acreage Assigned to Another Party Under a Farm-Out Agreement			
1. Developed	4	1	7
2. Undeveloped	4	1	7
3. Total			

If you have any questions concerning this survey, please contact

Cheryl J. Trench
 Petroleum Industry Research Foundation, Inc.
 122 East 42nd Street
 New York, N.Y. 10168
 (212) 867-0052

We welcome comments on the questionnaire or explanatory notes (if any) with your responses. Please attach a separate sheet.

Please return completed questionnaire to the address above no later than October 19, 1981.

Bureau of
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NOTES

Company Interest Basis: Consistent with your company's historical accounting practices include the interests of your company, affiliates, and subsidiaries, according to your share in a given operation. Report without regard to the operator's identity.

Proved Reserves and Related Questions: Use accepted industry definitions. Terminology has been chosen based on industry practice in reporting data to shareholders, and should not be construed as deliberately deviating from other standard industry methods of reporting.

Expenditures, Capitalized and Expensed:

General Exploration Expenditures - Repeat the amount previously reported to the Bureau of the Census on Line 13 of Form MA-13K for the appropriate year. This figure includes expenditures for "Total drilling and equipping wells" (Line 14 of Form MA-13K), "Lease and land acquisitions of non-producing acreage" (Line 19), "Land department, leasing and scouting" (Line 20), "Geological and geophysical" (Line 21), "Lease rents" (Line 22), "Test hole contributions" (Line 23), "Other exploration expenditures" (Line 24), and "General and administrative overhead" allocable to exploration activities (Line 25). The figure excludes depletion, depreciation and amortization, except as depreciation might be included as an element in general and administrative overhead.

Total Drilling and Equipping Wells - Repeat the amount previously reported to the Bureau of the Census on Line 14 of Form MA-13K for the appropriate year.

Total Development Expenditures - Repeat the amount previously reported to the Bureau of the Census on Line 26 of Form MA-13K for the appropriate year. This figure includes expenditures for "Total drilling and equipping wells" (Line 27), "Lease equipment" (Line 32), "Lease and land acquisitions of producing acreage" (Line 33), "Fluid injection and improved recovery programs" (Line 34), "Other development expenditures, including direct overhead" (Line 35), and "General and administrative overhead" allocable to development activities (Line 36).

Total Drilling and Equipping Wells - Repeat the amount previously reported to the Bureau of the Census on Line 27 of Form MA-13K for the appropriate year.

Drilling Activity: Aggregate the data previously reported on the Census on Form MA-13K for the appropriate year, as reported on a consistent basis.

To aggregate, add the reported figure in column d of table "Onshore" to the figure in column f ("Lower 48, Onshore") as "Onshore" for the appropriate year. Similarly, add table ("Alaska, Offshore") to the figure in column g ("Lower 48, Offshore") as "Offshore" for the appropriate year. Report the sum as "Onshore" and "Offshore" should figures reported to us as "Onshore" and "Offshore" should U.S. drilling completions.

Offshore - Offshore is defined for the purposes of the leases seaward from the coastline. In general, the term the line of ordinary low water along that portion of the direct contact with the open sea and the line marking the inland waters. For Louisiana the coastline is defined as modified by subsequent adjudication. For Alaska, off as including Cook Inlet.

For the purposes of this questionnaire and the Form MA-13K of exploratory and development wells and expenditures should the AAPG well classifications as follows:

Exploratory wells include new-field wildcats, new-pool tests, shallower-pool tests, and outposts (extension Development wells are those wells drilled to produce oil pools discovered by previous drilling.

Wells completely successfully in both oil and gas reservoirs reported as oil wells. Classification of completed wells and gas should be based on the appropriate State regulations.

Farm-Out Agreement: An agreement by which drilling rights or portion thereof are assigned by the lease holder to a report the net interest in acreage assigned away under farm-out without regard to whether you retain an overriding royalty payment.