

Gulf Oil Exploration and Production Company

B. L. Choate
SENIOR VICE PRESIDENT-U.S.

P. O. Box 2100
Houston, TX 77252

December 7, 1981

Mr. John H. Lichtblau
Petroleum Industry Research
Foundation, Inc.
122 East 42nd Street
New York, New York 10168

Study of Oil and Gas Exploration Activities

Dear Mr. Lichtblau,

As requested in your letter of September 17, 1981 to Mr. Jerry McAfee, attached are completed Sections A, B and C of your questionnaire.

In accordance with your letter, please destroy each section furnished by Gulf Oil as soon as you have tabulated the aggregate responses.

We will appreciate receiving a copy of your report when the subject study is completed.

Sincerely,



B. L. Choate

DGS:go
Attachments

cc: D. L. Henry
B. H. Knapp
M. Rigo
R. K. Allen



NAME OF COMPANY: SULF

NAME OF INDIVIDUAL CONTACT: B. L. Choate

TELEPHONE:

Please report all data on a net company interest basis. Include natural gas liquids with crude oil and lease condensate figures. Donnaire requests data on changes in proved oil and gas reserves (both developed and undeveloped) analogous to that currently provided in reports and to the Securities and Exchange Commission. Please report the reserves data consistently with those reports. Section B directly references selected items of the Bureau of the Census Form MA-13K, "Annual Survey of Oil and Gas." In filling out Section C data previously reported to the Bureau of the Census on Form MA-13K to the extent possible. In reporting "Drilling Activity" information consistent with reports on the MA-13K for 1977-1980. Section C requests data on holdings of oil and gas acreage. See other reports.

SECTION A

TOTAL UNITED STATES, NET COMPANY INTEREST

	1980	1979	1978	1977
PROVED CRUDE OIL, CONDENSATE AND NATURAL GAS LIQUIDS RESERVES, DEVELOPED AND UNDEVELOPED, IN THOUSANDS OF BARRELS	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX
A. Total Proved Reserves at January 1	10,775	(2,593)	21,331	59,061
B. Revisions of Earlier Estimates	518	233	8,360	80
C. Improved Recovery	45,497	37,935	53,238	58,500
D. Extensions, Discoveries and Other Additions	116,026	122,698	128,727	128,530
E. Production	848	15,463	1,398	56,660
F. Net Change Due to Purchases (Sales) of Proved Reserves	920,052	978,440	1,050,100	1,094,550
G. Total Proved Reserves at December 31				
I. PROVED NATURAL GAS RESERVES, DEVELOPED AND UNDEVELOPED, IN MILLIONS OF CUBIC FEET				
A. Total Proved Reserves at January 1	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX
B. Revisions of Earlier Estimates	(54,677)	(216,280)	(119,626)	(1)
C. Improved Recovery	50	130	0	661,500
D. Extensions, Discoveries and Other Additions	214,065	275,460	479,000	681,000
E. Production	661,838	692,904	687,000	681,000
F. Net Change Due to Purchases (Sales) of Proved Reserves	(6,940)	15,204	0	170,600
G. Total Proved Reserves at December 31	4,542,644	5,051,984	5,670,374	5,998,000

NAME:

Section A of this questionnaire provided in company Annual Report B of this questionnaire on B, please repeat the information for 1976, use a separate sheet of paper for notes on page 4.

INTEREST BASIS	1976
XXX	1,092,894
069	46,928
803	661
500	36,613
537	129,256
665	160
500	1,048,000
XXX	6,138,207
167)	(85,457)
0	0
522	420,842
000	626,754
645	162
000	5,847,000

NAME OF COMPANY: GULF OIL EXPLORATION & PRODUCTION CO.

SECTION B

These questions correspond directly to the referenced items in the Bureau of the Census Form M-100, the data previously reported to the Bureau of the Census on that form, to the extent possible.

TOTAL UNITED STATES

Reference	Item #	Description	1980		1979	
			On-shore	Off-shore	On-shore	Off-shore
II. EXPENDITURES, CAPITALIZED AND EXPENSED, IN THOUSANDS OF DOLLARS.						
Form MA-13K						
13	III.A.	A. Total Exploration Expenditures	804,636		619,365	
14	III.A.1.	1. Total drilling and equipping wells	309,945		259,902	
25	III.B.	B. Total Development Expenditures	564,238		446,523	
27	III.B.1.	1. Total drilling and equipping wells	263,130		230,206	

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

Reference	Item #	A. Description	1980		1979	
			On-shore	Off-shore	On-shore	Off-shore
Form MA-13K						
50	VI.A.1.a.	1. Exploration				
		a. Dry holes	49	19	67	13
		b. Number of wells				
61	VI.A.1.b.	2. Total footage drilled	377	212	557	134
62	VI.A.2.a.	3. Oil wells				
		a. Number of wells	43	14	41	9
		b. Total footage drilled	505	118	395	112
63	VI.A.2.b.	3. Gas wells				
		a. Number of wells	31	7	35	11
		b. Total footage drilled	317	85	339	123
64	VI.A.3.a.	B. Development				
		1. Dry holes	18	3	30	1
		a. Number of wells				
65	VI.B.1.a.	2. Total footage drilled	118	24	198	4
67	VI.B.1.b.	2. Oil wells				
		a. Number of wells	316	4	299	8
		b. Total footage drilled	1,799	42	1,497	86
68	VI.B.2.a.	3. Gas wells				
		a. Number of wells	64	8	80	7
		b. Total footage drilled	535	75	641	72

U.S. OIL & GAS

NET COMPANY INTEREST BASIS

1978	1977		1976	
	On-shore	Off-shore	On-shore	Off-shore
243,393	640,580	382,980		
86,735	135,533	97,373		
589,857	593,293	367,556		
345,455	393,916	237,603		
1978	1977		1976	
	On-shore	Off-shore	On-shore	Off-shore
1	5.8	66,705	19,387	41
53	69	519	249	366
5	0.3	14,668	-	7
59	1	123	-	95
1	10.2	15,431	4,666	12
86	95	161	51	108
1	49.9	71,487	4,166	38
55	26	512	39	244
7	20.6	535,366	29,615	419
48	214	2,835	315	2,088
0	26.5	116,537	19,878	77
76	297	932	263	624

NAME OF COMPANY: GULF OIL EXPLORATION AND PRODUCTION COMPANY

V. OIL AND GAS ACREAGE, IN THOUSANDS OF ACRES, DECEMBER 31		1980
A. Net Acreage in which Respondent Holds an Interest		
1. Developed Producing		2,094
2. Undeveloped Non-producing		12,893
3. Total		
B. Net Acreage Assigned to Another Party Under a Farm-Out Agreement		
1. Developed		
2. Undeveloped		411
3. Total		

If you have

We welcome your responses. Please

Please return

SECTION C

TOTAL UNITED STATES, NET COMPANY INTEREST BASIS

	1980	1979	1978	1977	1976
Producing	2,094	1,949	1,876	1,795	1,734
Non-producing	12,893	12,175	12,589	12,921	10,656
Assigned to Company Under a Leasehold Agreement					
Total	411	507	497	216	254

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 on your responses. Please attach a separate sheet.

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