

Shell Oil Company



One Shell Plaza
P.O. Box 2463
Houston, Texas 77001

OCTOBER 16, 1981

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

Dear Mr. Lichtblau:

Please recall your recent correspondence and attached survey concerning the reserve balances and the exploration and drilling activity of Shell Oil Company.

We have provided most of the survey information requested, however, two portions have been omitted. In section IV and in section V a portion or all of the requested information has not been furnished because the data is not easily accessed.

Further questions concerning the information on the survey may be directed to E. O. Kennedy Jr. 713-241-4796.

Yours truly,

A handwritten signature in cursive script that reads "M. G. Edwardson".

M. G. Edwardson
General Manager
Exploration & Production Economics

NAME OF COMPANY: SHELL OIL COMPANY NAME OF INDIVIDUAL CONTACT: MR. E. O. KENNEDY TELEPHONE:

Please report all data on a net company interest basis. Include natural gas liquids with crude oil and lease condensate figures. Section B
 tionnaire requests data on changes in proved oil and gas reserves (both developed and undeveloped) analogous to that currently provided
 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
 data previously reported to the Bureau of the Census on Form MA-13K to the extent possible. In reporting "Drilling Activity" information
 basis consistent with reports on the MA-13K for 1977-1980. Section C requests data on holdings of oil and gas acreage. See other n

SECTION A TOTAL UNITED STATES, NET COMPANY INT

	1980	1979	1978	1977
I. 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	8,207	22,224	15,245	6,288
B. Revisions of Earlier Estimates	248,605	74,736	53,123	79,281
C. Improved Recovery	99,004	75,646	57,759	114,724
D. Extensions, Discoveries and Other Additions	(291,608)	(225,644)	(233,089)	(228,584)
E. Production				
F. Net Change Due to Purchases (Sales) of Proved Reserves	(1,686)	585,571	7,485	2,479
G. Total Proved Reserves at December 31	2,274,432	2,211,911	1,679,378	1,778,857
II. PROVED NATURAL GAS RESERVES, DEVELOPED AND UNDEVELOPED, IN MILLIONS OF CUBIC FEET	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX
A. Total Proved Reserves at January 1	11,407	50,272	9,839	18,100
B. Revisions of Earlier Estimates	19,289	8,084	4,385	4,307
C. Improved Recovery	903,465	890,416	825,707	1,039,644
D. Extensions, Discoveries and Other Additions	(848,228)	(809,939)	(900,176)	(959,146)
E. Production				
F. Net Change Due to Purchases (Sales) of Proved Reserves	(1,777)	383,391	8,473	41,861
G. Total Proved Reserves at December 31	7,148,689	7,064,533	6,542,309	6,594,082

NAME OF COMPANY: SHELL OIL COMPANY

These questions correspond directly to the referenced items in the data previously reported to the Bureau of the Census on that

III. EXPENDITURES, CAPITALIZED AND EXPENSED, IN THOUSANDS OF DOLLARS		1980
Form MA-13K		
Line Reference	Item #	
13	III.A. A. Total Exploration Expenditures	917,301
14	III.A.1. 1. Total drilling and equipping wells	252,410
26	III.B. B. Total Development Expenditures	882,746
27	III.B.1. 1. Total drilling and equipping wells	578,357

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

Form MA-13K		1980	
Line Reference	Item #	On-shore	Off-shore
A. Exploration			
1. Dry holes			
60	VI.A.1.a. a. Number of wells	57.3	13
61	VI.A.1.b. b. Total footage drilled	494.4	167
2. Oil wells			
62	VI.A.2.a a. Number of wells	16.3	-
63	VI.A.2.b. b. Total footage drilled	185.9	-
3. Gas wells			
64	VI.A.3.a. a. Number of wells	11.5	7
65	VI.A.3.b. b. Total footage drilled	141.4	55
B. Development			
1. Dry holes			
66	VI.B.1.a. a. Number of wells	36.1	6
67	VI.B.1.b. b. Total footage drilled	268.0	6
2. Oil wells			
68	VI.B.2.a. a. Number of wells	473.7	5
69	VI.B.2.b. b. Total footage drilled	1,421.4	48
3. Gas wells			
70	VI.B.3.a. a. Number of wells	46.7	3
71	VI.B.3.b. b. Total footage drilled	550.8	30

V. OIL AND GAS ACREAGE, IN THOUSANDS OF ACRES

A. Net Acreage in which Respondent Holds an Interest		1980
1. Developed		
2. Undeveloped		
3. Total		
B. Net Acreage Assigned to Another Party Under a Farm-Out Agreement		
1. Developed		
2. Undeveloped		
3. Total		

NAME OF COMPANY: Shell

Please

We welcome responses

If you

Sheet 11

SECTION C

TOTAL UNITED STATES, NET COMPANY INTEREST BASIS

AGE, IN THOUSANDS in which Respondent Interest	1980	1979	1978	1977	1976
Assigned to Party Under a Agreement					
opped					
opped					

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.