

Union Oil Company of California

Union Oil Center, Box 7600, Los Angeles, California 90051
Telephone (213) 977-7039

CE-81-149



December 7, 1981


Neal A. Pepper
Chief Economist

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

Dear Mr. Lichtblau:

I am enclosing a completed copy of PIRINC's "U.S. Oil and Gas
Exploration Survey" for the Union Oil Company of California, per your
request to Mr. Hartley. If there are any questions please call.

Yours truly,


Neal Pepper

NAP:sw

Attachments

NAME OF COMPANY:

Western Oil Company of California

NAME OF INDIVIDUAL CONTACT:

Neil Pepper

TELEPHONE:

Please report all data on a net company interest basis. Include natural gas liquids with crude oil and lease condensate figures. Section B 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

SECTION A
TOTAL UNITED STATES, NET COMPANY INTEREST

	1980	1979	1978	1977
NET DOMESTIC				
I. PROVED CRUDE OIL, CONDENSATE AND NATURAL GAS LIQUIDS RESERVES, DEVELOPED AND UNDEVELOPED, IN THOUSANDS OF BARRELS				
A. Total Proved Reserves at January 1	12	18	8	27
B. Revisions of Earlier Estimates	0	0	0	0
C. Improved Recovery	45	27	28	21
D. Extensions, Discoveries and Other Additions	(55)	(55)	(65)	14
E. Production	0	0	0	0
F. Net Change Due to Purchases (Sales) of Proved Reserves	55	55	55	55
G. Total Proved Reserves at December 31	67	73	63	82
NET DOMESTIC				
II. PROVED NATURAL GAS RESERVES, DEVELOPED AND UNDEVELOPED, IN MILLIONS OF CUBIC FEET				
A. Total Proved Reserves at January 1	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX
B. Revisions of Earlier Estimates	(42)	(52)	(47)	(47)
C. Improved Recovery	228	225	554	504
D. Extensions, Discoveries and Other Additions	(442)	(55)	(457)	450
E. Production	0	0	0	0
F. Net Change Due to Purchases (Sales) of Proved Reserves	5781	6028	6554	245
G. Total Proved Reserves at December 31	5781	6028	6554	245

COMPANY: UNION OIL OF CALIF.

SECTION B

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

es. Section A of this questionnaire provided in company Annual information B of this questionnaire information for 1976, use a other notes on page 4.

PHONE: (213)977-7039

INTEREST BASIS:

977	1976
XXXXXX	611
7	210
0	1
4	1
3	2
5	2
XXXXXX	6,650
(97)	(4)
0	0
04	210
50	485
0	2
249	250

Form No-13K Reference	Item #	1980		1979	
		On-shore	Off-shore	On-shore	Off-shore
III.A.1.	A. Total Exploration Expenditures	472,208		355,847	
III.3.	3. Total Development Expenditures	134,952		94,323	
III.B.1.	1. Total drilling and equipping wells	370,449		228,391	
III.B.1.	2. Total drilling and equipping wells	235,748		157,705	
IV.	GRILLING ACTIVITY: PHYSICAL DATA FOR WELLS COMPLETED DURING THE YEAR, NUMBER OF WELLS AND THOUSANDS OF FEET DRILLED	1980		1979	
Form No-13K Reference	Item #	On-shore	Off-shore	On-shore	Off-shore
VI.A.1.a.	A. Exploration				
VI.A.1.a.	1. Dry holes				
VI.A.1.a.	2. Total footage drilled	24.3	18.6	18.5	9.6
VI.A.2.b.	B. Development				
VI.A.2.b.	1. Dry holes				
VI.A.2.b.	2. Total footage drilled	181	204	211	83
VI.A.2.a.	3. Gas wells				
VI.A.2.a.	a. Number of wells	6.0	1.4	5.4	-
VI.A.2.a.	b. Total footage drilled	43	12	36	-
VI.A.3.a.	B. Development				
VI.A.3.a.	1. Dry holes				
VI.A.3.a.	2. Total footage drilled	3.8	3.9	3.0	7.6
VI.A.3.b.	3. Gas wells				
VI.A.3.b.	a. Number of wells	57	47	40	84
VI.A.3.b.	b. Total footage drilled	57	47	40	84
VI.B.1.a.	1. Dry holes				
VI.B.1.a.	a. Number of wells	-	-	7.0	3.0
VI.B.1.a.	b. Total footage drilled	-	-	71	33
VI.B.2.a.	2. Oil wells				
VI.B.2.a.	a. Number of wells	176.0	8.9	88.2	6.8
VI.B.2.a.	b. Total footage drilled	573	67	341	72
VI.B.3.a.	3. Gas wells				
VI.B.3.a.	a. Number of wells	20.9	14.7	31.2	14.1
VI.B.3.a.	b. Total footage drilled	207	167	323	133

TOTAL UNITS

TOTAL UNITED STATES, NET COMPANY INTEREST BASIS

1979		1978		1977		1976	
On-shore	Off-shore	On-shore	Off-shore	On-shore	Off-shore	On-shore	Off-shore
355,847		151,945		186,699		171,971	
94,323		73,012		54,090		60,711	
228,391		222,304		194,932		146,091	
157,705		160,799		141,875		94,757	
18.5	9.6	12.4	14.1	16.5	12.7		
2.11	8.3	15.7	14.1	16.2	10.4		
5.4	-	4.0	-	2.0	0.5		
3.6	-	2.5	-	9	6		
3.0	7.6	3.5	0.8	3.1	1.7		
4.0	8.4	6.2	4	3.6	2.1		
7.0	3.0	12.6	0.8	7.6	2.6		
7.1	3.3	13.1	2.2	8.6	2.5		
88.2	6.8	57.8	9.2	188.3	6.1		
34.1	7.2	14.4	10.7	54.2	2.0		
31.2	14.1	46.0	18.9	45.6	13.9		
32.3	13.3	53.5	19.4	43.7	13.8		

NAME OF COMPANY: *Union Oil Company*

OIL AND GAS ACREAGE, IN THOUSANDS OF ACRES

A. Net Acreage in which Respondent Holds an Interest

- Developed _____
- Undeveloped _____
- Total _____

B. Net Acreage Assigned to Another Party Under a Farm-Out Agreement

- Developed _____
- Undeveloped _____
- Total _____

Union Oil Company of California

SECTION C

TOTAL UNITED STATES, NET COMPANY INTEREST BASIS

AGE, IN THOUSANDS	1980	1979	1978	1977	1976
in which Respondent					
Interest	916,378	904,457	889,024	843,214	993,011
Assigned to Party under a Agreement	3,555,162	3,612,518	3,514,509	3,247,276	3,027,771
ed	4,471,540	4,516,975	4,403,533	4,090,490	4,070,777
ed	NA	NA	NA	NA	NA

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.

WARR