



A Subsidiary of
Union Pacific Corporation

James T. Laws
Vice-President
Exploration and
Production Services

October 19, 1981

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

Dear Mr. Lichtblau:

Thank you for your correspondence to Mr. Wm. T. Smith of September 17, 1981. Champlin is pleased to assist with the new Petroleum Industry Research survey concerning large integrated energy companies, and a completed Foundation questionnaire is returned herewith. As you know, Champlin Petroleum Company is a wholly owned subsidiary of the Union Pacific Corporation (New York) and normally prefers to report its financial results and operation's activity through the parent organization. However, we will be looking forward to reading the consolidated results of your research and of the conclusions reached from these studies in the near future.

Yours very truly,

CHAMPLIN PETROLEUM COMPANY

A handwritten signature in cursive script that reads 'James T. Laws'.

James T. Laws

JTL/RAS/jf
Attachments

Champlin Petroleum Company
P.O. Box 7
5301 Camp Bowie Blvd.
Fort Worth, TX 76101
817 737 1239

NAME OF COMPANY: Champion Petroleum Company

NAME OF INDIVIDUAL CONTACT:

TELEPHONE:

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

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				
A. Total Proved Reserves at January 1	XXXXXXX	XXXXXXX	XXXXXXX	XXXXXXX
B. Revisions of Earlier Estimates	(2,949)	12,944	6,955	4,845
C. Improved Recovery	139	755	695	1,565
D. Extensions, Discoveries and Other Additions	19,090	10,863	9,638	7,753
E. Production	18,417	17,980	18,951	19,491
F. Net Change Due to Purchases (Sales) of Proved Reserves	9,056	506	4,664	3,942
G. Total Proved Reserves at December 31	119,184	112,265	105,177	102,176
I. PROVED NATURAL GAS RESERVES, DEVELOPED AND UNDEVELOPED, IN MILLIONS OF CUBIC FEET				
A. Total Proved Reserves at January 1	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
B. Revisions of Earlier Estimates	(3,845)	(51,507)	21,538	71,927
C. Improved Recovery	382	2,019	-	-
D. Extensions, Discoveries and Other Additions	323,267	345,494	349,155	194,432
E. Production	108,789	101,600	91,560	81,433
F. Net Change Due to Purchases (Sales) of Proved Reserves	12,067	6,270	3,590	8,452
G. Total Proved Reserves at December 31	1,613,935	1,390,853	1,190,177	907,454

E: (817) 737-1000

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 set of notes on page 4.

INTEREST BASIS	
1976	108,995
XX	3,896
	2,087
	6,645
	19,519
	1,458
	103,562
XX	760,353
	1,852
	26,551
	79,550
	4,870
	714,076

NAME OF COMPANY: Champlin Petroleum Company

U.S. OIL AND GAS EXPLORATION SURVEY SECTION B

These questions correspond directly to the referenced items in the Bureau of the Census Form 1040-SS, the data previously reported to the Bureau of the Census on that form, to the extent possible.

Line Reference	Item #	Description	1980		1979		TOTAL UNITED
			On-shore	Off-shore	On-shore	Off-shore	
III. EXPENDITURES, CAPITALIZED AND EXPENSED, IN THOUSANDS OF DOLLARS							
Form MA-13K							
13	III.A.	A. Total Exploration Expenditures	202,303	-	158,554	-	
14	III.A.1.	1. Total drilling and equipping wells	102,652	-	58,316	-	
26	III.B.	B. Total Development Expenditures	209,717	-	128,270	-	
27	III.B.1.	1. Total drilling and equipping wells	144,121	-	100,477	-	
IV. DRILLING ACTIVITY: PHYSICAL DATA FOR WELLS COMPLETED DURING THE YEAR, NUMBER OF WELLS AND THOUSANDS OF FEET DRILLED							
Form MA-13K							
Reference							
Line Reference	Item #	A. Exploration	1980		1979		
		1. Dry holes	On-shore	Off-shore	On-shore	Off-shore	
60	VI.A.1.a.	a. Number of wells	18.7	1.6	23.6	0.1	
61	VI.A.1.b.	b. Total footage drilled	160	14	183	2	
62	VI.A.2.a.	2. Oil wells					
		a. Number of wells	13.8	-	8.4	-	
63	VI.A.2.b.	b. Total footage drilled	118	-	68	-	
64	VI.A.3.a.	3. Gas wells					
		a. Number of wells	5.9	-	3.8	-	
65	VI.A.3.b.	b. Total footage drilled	65	-	37	-	
B. Development							
		1. Dry holes					
66	VI.B.1.a.	a. Number of wells	17.8	-	16.6	-	
67	VI.B.1.b.	b. Total footage drilled	115	-	109	-	
		2. Oil wells					
68	VI.B.2.a.	a. Number of wells	101.3	-	58.5	-	
69	VI.B.2.b.	b. Total footage drilled	620	-	378	-	
		3. Gas wells					
70	VI.B.3.a.	a. Number of wells	47.6	-	60.9	0.1	
71	VI.B.3.b.	b. Total footage drilled	447	-	472	1	

*From 1976 EIA-28. (Not reported on 1976

Form MA-13K. Please repeat
 file.

ED STATES, NET COMPANY INTEREST BASIS

	1978		1977		1976	
	On-shore	Off-shore	On-shore	Off-shore	On-shore	Off-shore
	34,288		65,151		81,476	
	13,793		21,006		23,269	
	108,488		138,331		33,198	
	69,131		59,335		26,397	
	12.5	0.4	8.4	1.2	6.0	-
	120	4	51	15	56	
	4.1	-	9.0	1.1	1.0	-
	35	-	71	7	5	
	3.4	-	3.8	-	-	-
	41	-	30	-	-	-
	6.8	-	6.8	-	3.0	-
	50	-	39	-	21	
	49.5	-	72.0	-	69.0	-
	326	-	476	-	387	
	50.2	-	15.7	-	7.0	-
	381	-	134	-	58	

NAME OF COMPANY: Champion Petroleum Company

V. OIL AND GAS ACREAGE, IN THOUSANDS OF ACRES		1980
A. Net Acreage in which Respondent Holds an Interest		
1. Developed		452
2. Undeveloped		7,267
3. Total		7,719
B. Net Acreage Assigned to Another Party Under a Farm-Out Agreement		
1. Developed		*
2. Undeveloped		*
3. Total		30

*Detailed breakdown is

If you

We welcome responses

Please

SECTION C

TOTAL UNITED STATES, NET COMPANY INTEREST BASIS

1980	1979	1978	1977	1976
452	416	367	347	319
7,267	6,847	6,185	5,992	6,687
7,719	7,263	6,552	6,339	7,006
*	*	*	*	*
*	*	*	*	*
30	33	10	13	74

ed breakdown is not readily available. Predominance of Farm-out acreage would be Undeveloped.

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.

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Expenditure

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NOTES

Basis: Consistent with your company's historical interests of your company, affiliates, including the operator's identity. Report according to your share in a given operation.

Related Questions: Use accepted industry definitions chosen based on industry practice in reporting, and should not be construed as deliberately standard industry methods of reporting.

ized and Expensed:

Expenditures - Repeat the amount previously reported to Census on Line 13 of Form MA-13K for the appropriate includes expenditures for "Total drilling and Line 14 of Form MA-13K), "Lease and land acquisitions acreage" (Line 19), "Land department, leasing and", "Geological and geophysical" (Line 21), "Lease", "Test hole contributions" (Line 23), "Other", "General and administrative" (Line 24), and "General and administrative" (Line 25). The figure to exploration and amortization, except as depreciation and amortization, except as be included as an element in general and overhead.

Repeating Wells - Repeat the amount previously reported on Line 14 of Form MA-13K for the appropriate.

Expenditures - Repeat the amount previously reported on Line 26 of Form MA-13K for the appropriate, figure includes expenditures for "Total drilling" (Line 27), "Lease equipment" (Line 32), "Lease acreage" (Line 33), "Fluid injection programs" (Line 34), "Other development expenditure programs" (Line 35), and "General and administrative overhead" (Line 36). "General and administrative" allocable to development activities (Line 36).

Repeating Wells - Repeat the amount previously reported on Line 27 of Form MA-13K for the appropriate.

Drilling Activity: Aggregate the data previously reported to the Bureau of the Census on Form MA-13K for the appropriate year, as shown below. Report 1976 on a consistent basis.

To aggregate, add the reported figure in column d of the MA-13K ("Alaska Onshore") to the figure in column f ("Lower 48, Onshore"); report the sum as "Onshore" for the appropriate year. Similarly, add the figure in column e ("Alaska, Offshore") to the figure in column g ("Lower 48, Offshore"); report the sum as "Offshore" for the appropriate year. The sum of the figures reported to us as "Onshore" and "Offshore" should equal your total U.S. drilling completions.

Offshore - Offshore is defined for the purposes of the MA-13K to include leases seaward from the coastline. In general, the term "coastline" means the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters. For Louisiana the coastline is defined as the "Chapman Line" as modified by subsequent adjudication. For Alaska, offshore is defined as including Cook Inlet.

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

Exploratory wells include new-field wildcats, new-pool wildcats, deeper pool tests, shallower-pool tests, and outposts (extensions).

Development wells are those wells drilled to produce oil or gas from pools discovered by previous drilling.

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

Farm-Out Agreement: An agreement by which drilling rights for a given lease or portion thereof are assigned by the lease holder to another party.

Report the net interest in acreage assigned away under farm-out agreement without regard to whether you retain an overriding royalty or production payment.