



CHEVRON OIL FIELD RESEARCH COMPANY

A STANDARD OIL COMPANY OF CALIFORNIA SUBSIDIARY

LA HABRA LABORATORY P.O. BOX 446 LA HABRA CALIFORNIA 90631

April 25, 1969

J. B. JUSTUS

VICE PRESIDENT
PRODUCTION RESEARCH
DEPARTMENT

69-0632

Dr. Thomas S. Austin
Director
National Oceanographic Data Center
Washington, D. C. 20390

Dear Dr. Austin:

In response to your letter of April 1, 1969, to Dr. R. F. Faull, we are transmitting the following additional information on our wave force data and reports:

1. Wave Force Data Summary, which describes the form of data, number of reports, and number and size of microfilm and magnetic tape reels to be delivered to NODC.
2. Microfilm record sample.
3. Report abstracts.

The oscillograph records are not microfilmed as yet. The microfilm sample enclosed is a trial exposure made by a service company. Complete reports are not available as requested until date of data release; we hope the abstracts provided will be sufficient for your present need.

We plan to send the information in two installments. You will note from the attached description of the data, the information was derived from two projects which we have called Wave Project I and Wave Project II. We are well along in the organization of data from Wave Project II and expect to ship these data in late May. The data from Wave Project I should follow within a few weeks.

If you require further description of the wave force data, please write me or call Mr. P. M. Aagaard.

Very truly yours,

J. B. Justus

Attach: Wave Force Data Summary
Microfilm Record Sample
Report Abstracts (12)

Orig. of this ltr plus encls.
routed thru 2110, 2101, 2120,
2200. 4/29/69

NATIONAL OCEANOGRAPHIC DATA CENTER
WASHINGTON, D. C. 20390

Code 20/mlg
April 1, 1969

① 710 0 RYO

AIRMAIL

Mr. R. F. Faull
Chevron Oil Field Research
Company
200 Bush Street
San Francisco, California 94120

Dear Mr. Faull:

We were most pleased to receive your letter of March 14 confirming the arrangements mentioned by Mr. Bonham during a recent phone conversation. We look forward with pleasure, but admittedly not without some trepidation, to the receipt of the wave data and reports.

We note that the fact that these data have been forwarded to NODC will be announced during the First Annual Offshore Technology Conference in Houston, May 18-21. We note also that you do not plan the actual transfer of the data until approximately June 1 of this year. In anticipation of requests for copies of the data which probably will result from the announcement in Houston, we would appreciate receiving samples of the strip charts (on microfilm), a description of the material on magnetic tape, and copies of the reports--all of which are mentioned in the fourth paragraph of your letter. Also for planning purposes, we would appreciate an estimate of the volume; e.g., number of reels of magnetic tape, rolls of microfilm, and linear footage of strip charts. Receipt of this information would permit early review of such problems as may relate to both the storage and release of these valuable data.

I invite your attention to the fact that this is the first significant release of marine data to us by a major oil company. We shall feature the fact in our NEWSLETTER, a copy of which is enclosed. This is a significant event in our lives, and we hope that it is but the first of many. At the risk of being presumptuous, we would be pleased to negotiate for copies of any non-proprietary geological data that may be available from your company.

File Copy
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Mr. R. F. Faull
Page 2

Code 20/mlg
April 1, 1969

I am scheduled to have the pleasure of meeting with the NSIA panel during the annual meeting this month. I hope that I may have the pleasure of meeting you or a representative of your company at that time. I plan to mention the release of the wave data as an example of the cooperation we are seeking.

Sincerely yours,

THOMAS S. AUSTIN
Director

Enclosure

Copy to:
Commander John Jorgenson, USN (Ret.),
NSIA



CHEVRON OIL FIELD RESEARCH COMPANY

A STANDARD OIL COMPANY OF CALIFORNIA SUBSIDIARY

200 BUSH STREET SAN FRANCISCO CALIFORNIA 94120

March 14, 1969

R. F. FAULL
PRESIDENT

Dr. Thomas S. Austin, Director
National Oceanographic Data Center
Washington Naval Yard, Building 160
Washington, D. C. 20390

Dear Dr. Austin:

During recent years the Standard Oil Company of California has carried out a project to measure and record certain ocean behavior in the Gulf of Mexico. The projects have been managed and carried out by technical operating teams in two of Standard Oil Company of California's operating subsidiaries: Chevron Oil Field Research Company and Chevron Oil Company, The California Company Division. This latter is Standard of California's operating group in off-shore Louisiana, and is headquartered in New Orleans.

The data gathering effort has been funded in approximately equal amounts by Chevron Oil Field Research Company, Esso Production Research Company, and Shell Development Company. The U. S. Navy at Port Hueneme, California, assisted financially by being a data purchaser on two occasions during the project term.

Chevron Oil Field Research Company, representing Standard Oil Company of California and on behalf of itself and Esso Production Research Company, Shell Development Company, and the U. S. Navy at Port Hueneme, wish now to deposit the basic experimental data with a public depository in such a manner that it would be available to consultants, contractors, universities, and such others that might make use of the data. I understand in discussing this with Dr. L. C. Bonham of our La Habra staff that the National Oceanographic Data Center would welcome the donation of this information, and we are thus very pleased to offer it to you for the Data Center.

Dr. T. S. Austin

- 2 -

March 14, 1969

The data are essentially wave forces and wave heights during storm conditions at two locations in the Gulf of Mexico and consist of original strip chart records on microfilm; magnetic tapes containing digitized sections of recorded information; and a series of reports describing project equipment, measurement procedures, data reduction methods, calibrations, and the general method of operation of the projects. A more specific definition of the material will be furnished at the time the data are transmitted to you.

We are presenting papers on the wave force project at the First Annual Offshore Technology Conference in Houston, May 18-21. Shell and Esso are also presenting papers based on the same data at this meeting. We would plan on withholding actual transfer of our wave force data to the National Oceanographic Data Center until after the dates of this Offshore Technology Conference, that is, until approximately June 1 of this year.

We hope that you will accept deposit of our wave force information in your Data Center. We believe the information is unique and is of potential value to oceanographers and to people concerned with stability and safety of offshore structures. We look forward to hearing from you.

Yours very truly

R F Faulk

Code 2100/ehr
March 21, 1969

Comments re: R. F. Faull's letter (CHEVRON) of 14 March

I know we may be buying a "pig in a poke," but I believe we should take these data along with complete documentation as this does represent the first breakthrough with an oil company. Refusal at this time may kill future acquisition of more desirable data. The most we have to do with these data is to enter them in NAPIS, make copies of microfilm and/or magnetic tape(s), and Xerox reports when required because of consumer requests. Even though these data are referred to as "experimental," the two locations make these data valuable in evaluating or comparing storm conditions, wave generation, and progression. Perhaps if the observational period of these data coincide with NOMAD observations from the Gulf, these three locations together may be of interest to people working on air-sea interaction, etc. Let's not kill the goose that lays the (potential) golden egg; treat it as an opportunity for achieving bigger (oy weh) and better acquisitions from oil companies.

Robert V. Ochenero

ROBERT V. OCHINERO

Code 2101/ehr
March 24, 1969

Comments re: R. F. Faull's letter (CHEVRON) of 14 March

It is rather unique to receive any type of data from the oil industry. I do concur with Bob Ochinerro's comment in accessioning these wave data. However, we must make every effort to tactfully obtain from the oil industry oceanographic data that would fit into our GDS system (data base or bases) and/or would be most advantageous to the oceanographic community.

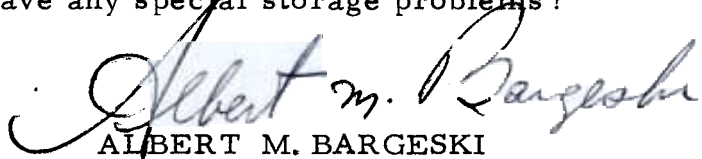
The above comment is not intended to be in the negative, but once the breakthrough with the oil industry is attained (if this is possible), we should accession data that best fits our mission.


IRVING PERLOTH

Code 2110/cmj
March 24, 1969

Comments re R. F. Faull's letter (CHEVRON) of 14 March

Yes, we want these data. There is little I can add to the previous comments of Bob and Irv. These data are in a convenient form (microfilm and magnetic tape) for acquisition and appear to be well documented by a series of reports. The only question not answered in Faull's letter that may be of some concern to us--what is the volume of data involved and will we have any special storage problems?


ALBERT M. BARGESKI

I agree with the recommendations of Messrs. Ochinerro and Bargeski. I believe we had been briefed on these data two years ago--at that time the mention of 1/2 to 3 million punch cards involved in the analysis of three waves was somewhat staggering. Even then we were interested. Now tape is offered. The joker may be in the volume of microfilm, but we still want it and it is in our data responsibility. The use of the word "experimental" for such a long period of observation as is involved should not be a deterrent as offshore instrument wave records are almost unique at this time. I also have a question which may be of interest for our general plans for processing wave data: "How many requests for wave data has NODC received in its history?"


SUZANNE F. BERSHAD

Code 2200-WIM/bh
March 25, 1969

Comments re: R. F. Faull's letter (CHEVRON) of March 14

Agree with Bob Ochinerio in general; let's not kill the goose, etc. We should be delighted and grateful to acquire the data, assuming they are in such form that we can adequately respond to requests for same. As most wave data are now held by NWRC, we should eventually confer with NWRC and EDS as to their final disposition. However, we should not at this point refer Chevron to EDS, as this might be interpreted as overall lack of interest on NODC's part in oil company contributions.

As a first step, let's ask for sample tape, printout, microfilm, and documentation so that we can make sure that we (or NWRC) can service requests for copies, that data are adequately documented, etc. Let's also ask for info on volume of data, frequency, and period of record; it's strange Chevron makes no mention of the amount.

Any advertising of NODC's having received the data, either by Chevron or NODC, should wait on our confirming that we have a procedure for responding to requests for same. (Let's not repeat the debacle we had with the seismic profile records.)

Looking ahead, perhaps NODC and EDS should jointly develop policy on who does what with marine surface data.

Wm
WILLIAM L. MOLO

P.S. Have shown my comments to Jim Churgin; he said he had nothing to add to mine.