In Reply Refer To: RP-2-1

Champlin Petroleum Company
Attention: Mr. J. R. Carter, Jr.
Four Allen Center
1400 Smith Street, Suite 1500
Houston, Texas 77002

Gentlemen:

Reference is made to your Supplemental Plan of Exploration received December 13, 1985, amended December 23, 1985, for Lease OCS-G 6149, Block 98, High Island Area. This plan includes the activities proposed for Wells A, B, and C.

In accordance with 30 CFR 250.34, revised December 13, 1979, and our letter dated January 29, 1979, this plan has been determined to be complete as of December 27, 1985, and is now being considered for approval.

Your plan control number is 8-1767 and should be referenced in your communication and correspondence concerning this plan.

Sincerely yours,

Original Signed: Kent E. Stauffer

Acting Regional Supervisor
Relsen and Production

bcc: Lease OCS-G 6149 (OPS-3-1) (FILE ROOM)
[OPS-3-4 w/Public Info. Copy of the plan (PUBL.REC.)
DO-3

ADGobert:rb:12/30/85 Disk 1a

Office of
Program Services

JAN 06 1986

Information Services
Section
December 19, 1985

Minerals Management Service  
Imperial Office Building  
3301 N. Causeway Boulevard  
Metairie, Louisiana 70002

Attention: Angie Gobert  
POE Section

Re: Champlin Petroleum Company  
Amendment to Supplemental Plan of Exploration  
High Island Block 88 - Control Number S-1769  
OCS-G 6149 - Offshore Texas

Dear Ms. Gobert:

In accordance with your recent telephone conversation, Champlin hereby submits additional information for your use in processing the Supplemental POE for the referenced area.

The following is a description of the additional information:

Section I: Plan Description

Total time required to drill and complete the three wells is 195 days. This corresponds to a total drilling depth of 10,000' for each of the three wells.

Section 5: Oil Spill Contingency Plan

Response time in the event of an emergency on this project is as follows:

1. Approximately 0.50 hours by helicopter from Galveston, Texas.

2. Approximately 5.8 hours from Clean Gulf Associates base in Galveston, with fast response clean up equipment.

Section 6: Mud Additives

Mud additives are provided as an attachment.

Nine copies of this amendment letter are being submitted. If you have questions or need more information, please advise.

Very truly yours,

J. R. Carter, Jr.

JRC:ABS:1c  
Attachment
SECTION 6: MUD ADDITIVES

A. BASIC MUD COMPONENTS

- Barite (Barium Sulfate)
- Bentonite (Sodium Montmorillonite Clay)
- Lignosulfonate (Chrome Lignosulfonate)
- Lignite (Leonardite-Brown Coal)
- Caustic Soda (Sodium Hydroxide)

B. MUD ADDITIVES

- Soda Ash (Sodium Carbonate)
- SAPP (Sodium Acid Pyrophosphate)
- Sodium Bicarbonate
- Lime (Calcium Hydroxide)

C. SPECIFIC PURPOSE ADDITIVES

Friction Reducers:

- Lubra-Glide (Copolymer Beads)
- Torq-Trim (Vegetable Oil Base)

Lost-Circulation Material:

- Mica
- Nut Hulls

Special Fluid-Loss Control Agents:

- CMC (Carboxymethyl Cellulose)

Defoaming Agents:

- Aluminum Stearate
- Magconol (2-ethyl Hexanol)

High Temperature Thinners:

- Mil-Temp (Low molecular Weight Polymetric Deflocculant)

D. MATERIALS SPOTTED IN HOLE BUT NOT DISCHARGED TO OCEAN

- Pipe Lax (Naptha Base)
- Black Magic (Oil Base)
- Oilfaze (Clays, Resins, Emulsifiers, and Fatty Acids)
In accordance with 30 CFR 250.34, Champlin hereby submits a Revised Plan of Exploration for the above referenced block. The purpose of this revision is to provide for the change in operator and to incorporate minor changes in the original Plan of Exploration submitted by Exxon and approved by your office. This plan is presently on file with the MMS as is the Designation of Operator, Form 9-1123, in which Exxon designates Champlin as operator of the block.

The following is a description of the changes that the revision effects:

**SECTION I: PLAN DESCRIPTION**

The Revised POE consists of three wells as follows:

<table>
<thead>
<tr>
<th>Well</th>
<th>Proposed Surface Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>5600' FSL and 3500' FEL</td>
</tr>
<tr>
<td>B</td>
<td>9400' FSL and 1300' FEL</td>
</tr>
<tr>
<td>C</td>
<td>6100' FSL and 1500' FEL</td>
</tr>
</tbody>
</table>

**SECTION II: DRILLING EQUIPMENT**

E. Projected Gaseous Emissions

The Revised POE contains two additional wells. Therefore the projected air emissions will triple under the new plan. However, even with the additional emissions, the project total will be far below the exemption level in all areas.
Minerals Management Service  
December 10, 1985  
Page Two  

Emission Total (All Sources, Offshore)  

\[
\begin{align*}
\text{NO}_x & \quad \text{CO} & \quad \text{VOC} & \quad \text{TSP} & \quad \text{SO}_2 \\
39.9 \text{ tons} & \quad 4.8 \text{ tons} & \quad 1.8 \text{ tons} & \quad .9 \text{ tons} & \quad 6 \text{ tons}
\end{align*}
\]

Exemption levels are as follows:

\[
\begin{align*}
\text{NO}_x, \text{TSP, VOC and SO}_2 &= (33.3)(10) = 333 \text{ tons/yr} \\
\text{CO} &= (3400)^{10^{2/3}} = 15,781 \text{ tons/yr}
\end{align*}
\]

Distance from landfall is 10 miles.

**SECTION 3: GEOLOGICAL AND GEOPHYSICAL SURVEY RESULTS AND SHALLOW HAZARDS REPORT**

Champlin's geologists and geophysicists have reviewed the shallow drilling hazard and cultural resources report and have determined that the proposed drilling sites are clear of any hazards or cultural resources. Provided as an attachment is a clearance letter signed by the geophysicist in charge of this area and a geologic structure map that accurately depicts Champlin's current interpretation of the area.

**SECTION 4: LOCATION**

A. Location Map of Block and Shoreline

Provided as an attachment is a surveyor's plat of the block and the proposed locations and also an area map showing the project site in relation to the shoreline and the support base.

B. Description of Onshore Support Base Facilities

Support facilities for drilling operations in High Island Block 88 will be located at Milchem Inc. at Galveston, Texas. Milchem has complete service facilities including dockage, helicopter landing site, bulk and sack mud additive storage and loading facilities, and liquid mud mixing and storage facilities. A communications and dispatching base is established and will be manned 24 hours per day.

**SECTION 5: OIL SPILL CONTINGENCY PLAN**

Champlin has an approved Oil Spill Contingency Plan on file with the MMS in the New Orleans Regional Office. A copy of the approval letter dated September 6, 1985 is provided as an attachment.
SECTION 6: MUD ADDITIVES

No changes are being made to this section.

SECTION 7: PROPRIETARY DATA

Champlin is providing as an attachment a geologic structure map which is considered proprietary.

GUARANTEE STATEMENT

In the conduct of the proposed exploratory drilling activities in High Island Block 88, Champlin guarantees the following:

1. The best available and safest technologies will be utilized throughout the project. This includes meeting applicable requirements for equipment types, general project layout, safety systems and monitoring systems.

2. All operations will be covered by the MMS approved Oil Spill Contingency Plan.

3. All applicable federal, state and local requirements regarding emission and water quality and discharge for the proposed activities, as well as any other permit conditions will be complied with.

Champlin anticipates being in a position to move a drilling rig to the first location in this block on or about January 20, 1986. Your immediate consideration of this matter would be greatly appreciated, in order to obtain an approved drilling permit by that time.

Nine copies of this revision letter are being submitted, five copies being classified as "CONFIDENTIAL" and four identified for "Public Information." If you have questions or need additional information, please advise at (713)654-2352.

Yours very truly,

CHAMPLIN PETROLEUM COMPANY

cc: Mr. Jack Sandridge
Minerals Management Service
115 Circle Way
Lake Jackson, Texas 77566

Attachments
List of Attachments

1. Designation of Operator Form 9-1123
2. Proposed Well Location Plat
3. Area Map
4. Oil Spill Contingency Plan Approval Letter
5. Shallow Hazard and Cultural Resource Evaluation Letter
6. Geologic Structure Map - Middle Miocene
DESIGNATION OF OPERATOR

The undersigned is, on the records of the Minerals Management Service,

DISTRICT LAND OFFICE: Lake Jackson, Texas
Serial No.: OCS-G-6149

and hereby designates

NAME: Champlin Petroleum Company
Address: 1400 Smith Street, Suite 1500
Houston, Texas 77002

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

All of Block 88, High Island, OCS Leasing Map, Texas Leasing Map No. 7.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

November 15, 1985
(Date)

Attorney-In-Fact
P. O. Box 4279
Houston, Texas  77210-4279

[Signature of lessee]
In Reply Refer To: RP-2

Champlin Petroleum Company
Attention: Mr. J. R. Carter, Jr.
Four Allen Center
1400 Smith Street, Suite 1500
Houston, Texas 77002

Gentlemen:

Your letter dated August 28, 1985, transmitted the results of the annual review of Champlin Petroleum Company's Oil Spill Contingency Plan. The plan is hereby approved in compliance with paragraph 3.2 of OCS Order No. 7. It has been filed in this office and copies have been sent to our District Offices.

Enclosed is information which concerns our recent reorganization and personal changes. Where it is appropriate, modify your plan to concur with this information.

Please furnish seven copies of further revisions or amendments to your Oil Spill Contingency Plan.

Sincerely yours,

[Signature]
D. W. Solanas
Regional Supervisor
Rules and Production

Enclosure
December 4, 1995

Minerals Management Service
Imperial Office Building
3301 North Causeway Boulevard
Metairie, Louisiana 70001

RE: Hazard Cultural Survey
High Island Area
Block 88
Offshore, Texas

Gentlemen:

A high resolution geophysical survey was conducted over the above captioned block for purposes of determining the safety of drilling sites and cultural resource evaluation.

Analysis of these data show no indication of drilling hazards, shipwrecks, or submerged prehistoric sites at the drill sites listed below:

<table>
<thead>
<tr>
<th>BLOCK 88</th>
</tr>
</thead>
<tbody>
<tr>
<td>#A</td>
</tr>
<tr>
<td>#B</td>
</tr>
<tr>
<td>#C</td>
</tr>
</tbody>
</table>

Your very truly,

CHAMPIGN PETROLEUM COMPANY

Garrett Hodne
Division Exploration Geophysicist
Eastern Division/Offshore

GH/djk