

Union Oil Company of California
Offshore Division
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Santa Fe Springs, California
Telephone: 213 945-1221

FAKLER
CYPHER



April 18, 1968



U. S. Dept. of Interior
Geological Survey
7744 Federal Bldg
300 No. Los Angeles Street
Los Angeles, California 90012

Attn: Mr. Don Solanas
Regional Oil & Gas Supt.
West Coast Region

Dear Mr. Solanas:

Submitted herewith pursuant to application for erection on OCS P-0241 Santa Barbara Channel are elevation drawings and deck plans of the Union Oil Company operated platform "B", to be located 5325' from east line, and 3220' from north line, of the above parcel in approximately 188' of water. This platform will henceforth be designated as OCS P-0241 "B".

This platform has been designed in conformance with good engineering practices to withstand wave forces developed by an anticipated 100 year storm wind forces up to 100 MPH. A seismic design force of 15% has been applied to the total structural mass. Verification of the structural design of this platform is currently underway by a second major engineering concern to guarantee the integrity of the structure.

The proposed structure will contain 61 well conductors, 39 of which will be conventional straight conductors, and 22 conductors angle 30° from the vertical to assist in developing areas further outboard than can be reached by conventional means. It is our intent to support two drilling rigs aboard this platform, one conventional straight hole rig and one modified slant hole rig. Drilling operations will be confined to the top deck working area. Oil and gas separation and production operations will be performed on the production deck level.

NOTED - SCHAMBECK

*believe we need
NOTED - SOLANAS
statement or certification
from designer*

Mr. Don Solanas

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To avoid any possibility of ocean contamination from the development and production operations, both decks are provided with 6" high curbing and a central drainage system. All the effluent gathered from these decks will be processed through an industrial type floatation cell for removal of hydrocarbons. Formation cuttings derived from the drilling operation will be processed through a Medaris oil field cuttings washer system and discharged at elevation -100'. Sanitary sewage derived from the quarters and transient personnel aboard the platform will be processed through an aerobic type sewage digestion plant, and the processed effluent discharged to the ocean.

The entire platform will be painted with a corrosion resistant paint light sky blue in color with the exception of the two lift cranes which will be painted yellow for safety purposes. In addition to this esthetically pleasing color combination above the water level, all steel surfaces below the water level will be protected against galvanic corrosion by a cathodic protection system.

It is our intent to discharge produced products from this platform through two 12" submarine shipping lines which will be terminated at our onshore site at Rincon in Ventura County.

Electric power required to operate the two drilling rigs and accessory equipment will be provided to the platform by means of a marine cable running from an onshore site in Summerland to the platform.

We would appreciate your prompt consideration of this application prior to our contacting any of the other Federal agencies which have jurisdiction in the area.

Yours very truly,

UNION OIL COMPANY OF CALIFORNIA



Raymond E. McGraw
Project Superintendent

REM:js

Enclosures