

APPROXIMATELY 90.41 ACRES OF LAND IN THE CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA, ACQUIRED IN THAT CONDEMNATION PROCEEDING IDENTIFIED AS CIVIL NO. 25268-R, IN THE DISTRICT COURT OF THE UNITED STATES IN AND FOR THE NORTHERN DISTRICT OF CALIFORNIA, SOUTHERN DIVISION, AND MORE FULLY AND PARTICULARLY DESCRIBED IN EXHIBIT "A" ATTACHED TO THE APPLICATION.

THAT THE CONDITIONS PRESCRIBED IN SUBDIVISIONS (a), (b) AND (c) OF SECTION 126 OF THE GOVERNMENT CODE OF THE STATE OF CALIFORNIA, HAVE BEEN FOUND TO HAVE OCCURRED AND TO EXIST AND THAT SUCH ACQUISITION IS IN THE INTERESTS OF THE STATE. THE STATE LANDS COMMISSION DIRECTS THE EXECUTIVE OFFICER TO FILE A CERTIFIED COPY OF THIS FINDING IN THE OFFICE OF THE SECRETARY OF STATE, AND HAVE ONE RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF THE CITY AND COUNTY OF SAN FRANCISCO.

17. (SUMMARINE GEOPHYSICAL EXPLORATION, UNION OIL COMPANY OF CALIFORNIA - *see P. 145 2 of minutes*) W.O. 1061, P.R.C. 627.) The Commission was informed that on September 16, 1949 (Item 24, Minute Pages 1003, 1004, 1005), it authorized a form of permit for the conduct of geophysical exploration operations on tide and submerged lands of the State of California. The operating specifications in this permit were based upon the results and techniques of submarine geophysical exploration to that date. The Union Oil Company of California has made application for permission to conduct seismograph exploration work in the offshore area between Pt. Dume, Los Angeles County, and Dana Point, Orange County, and has requested modification of the permit requirements to permit the utilization of techniques developed recently in experiments conducted jointly with the Scripps Institution of Oceanography. Principally, such modification would be required to permit the use of black powder in lieu of dynamite as the explosive charge. Experimental data with black powder have shown a virtual elimination of fish kill, but no quantitative data have been presented as to the effect of such detonations on structures. The utilization of black powder in submarine geophysical exploration work is being recommended by the staff of the Division of Fish and Game to the Fish and Game Commission as a condition of any permit to be issued by said Commission. A copy of a proposed revised form of permit for the conduct of geophysical exploration operations to permit operations with black powder is presented herewith.

UPON MOTION DULY MADE AND UNANIMOUSLY CARRIED, A RESOLUTION WAS PASSED ADOPTING THE PROPOSED FORM OF REVISED PERMIT FOR THE CONDUCT OF GEOPHYSICAL EXPLORATION OPERATIONS ON TIDE AND SUBMERGED LANDS, AND AUTHORIZING THE EXECUTIVE OFFICER TO ISSUE A PERMIT TO THE UNION OIL COMPANY OF CALIFORNIA FOR THE CONDUCT OF SUBMARINE SEISMOGRAPH EXPLORATION WORK ON THOSE TIDE AND SUBMERGED LANDS UNDER THE JURISDICTION OF THE STATE LANDS COMMISSION BETWEEN PT. DUME, LOS ANGELES COUNTY, AND DANA POINT, ORANGE COUNTY, FOR THE PERIOD AUGUST 1, 1951, TO OCTOBER 31, 1951, NO PERMIT FEE TO BE REQUIRED BEYOND THE STATUTORY \$5.00 APPLICATION FILING FEE.

DIVISION OF STATE LANDS

PERMIT FOR THE CONDUCT OF GEOPHYSICAL EXPLORATION OPERATIONS
ON TIDE AND SUBMERGED LANDS OF THE STATE OF CALIFORNIA

Permission is granted hereby to _____
for the conduct of submarine seismograph exploration work between _____ (date)
and _____ (date), inclusive, on those tide and submerged lands under the
jurisdiction of the State Lands Commission described as follows:

(description)

The conduct of any operations under this permit is subject to
the following specific conditions:

1. No explosives shall be discharged under any circumstances unless an inspector of the Division of State Lands is aboard the recording boat of each seismic crew in operation or permission to proceed with the discharge of explosives has been given by such inspector of the Division of State Lands.
2. Operations shall be suspended on order of the Division of State Lands inspector whenever and for such time as may be required to establish that the conditions of this permit are being complied with.
3. A copy of the schedule of operations to be conducted during the following 24-hour period shall be furnished to the Division of State Lands inspector on or before the close of the preceding day's shooting schedule. Such schedule shall be complete in detail as to location, number, size and type of placement of shots to be fired. Divergence from such schedule may be permitted only upon specific authorization of the Division of State Lands inspector prior to firing.
4. A copy of a daily log of operations, showing date, location, number, size and type of placement of detonations made, shall be furnished to the Division of State Lands inspector within 24 hours of the completion of the day's shooting schedule.
5. Specific compliance must be had with any and all requirements of any permit issued by the State Division of Fish and Game for operations in the permitted area.

6. In waters with a depth of less than 17 fathoms, all shots shall be placed beneath the ocean floor ("jet shot") to such a depth that the top of any charge shall be at least two feet below said ocean floor, except that no shots shall be fired at any time within 1.0 nautical mile of any structure or within 0.25 nautical mile of the ordinary high-water mark.

7. Open shots are permitted only in waters more than 0.25 nautical mile seaward of the ordinary high-water mark and more than 1.0 nautical mile from any structure and which have a depth of more than 17 fathoms.

8. No shots will be permitted in excess of a standard charge of 45 pounds of black powder, Hercules grade sporting powder, FFFG, or equivalent and no faster.

9. Violations of any of the provisions of this permit or of any permit issued by the State Division of Fish and Game for the same area, shall result in immediate suspension of all operations on orders given by the Division of State Lands inspector assigned to the project, and may result in termination of the permit by order of the Executive Officer, State Lands Commission. Such terminated permit may be reinstated only by action of the State Lands Commission.

10. For each seismic crew in operation the permittee shall make an advance deposit of \$300.00 on the first day of each month of operations under this permit as a minimum deposit to defray the costs of the Division of State Lands that are involved in inspection under this permit. Actual costs to the Division of State Lands of such inspection which are in excess of the aforesaid minimum deposit shall be remitted by the permittee upon receipt of a statement of such additional costs.

This permit is revocable at any time by the State Lands Commission.

RUFUS W. PUTNAM
Executive Officer

All terms, conditions and provisions of the foregoing permit are accepted by the applicant.
