

MINUTE ITEM

18. APPLICATION FOR PERMIT TO CONDUCT GEOPHYSICAL EXPLORATION OPERATIONS ON PROPRIETARY LANDS OF THE STATE OF CALIFORNIA, SOLANO AND SACRAMENTO COUNTIES; SHELL OIL COMPANY - W.O. 5147, P.R.C. 3161.1.

After consideration of Calendar Item 44 attached, and upon motion duly made and unanimously carried, the following resolution was adopted:

THE EXECUTIVE OFFICER IS AUTHORIZED TO ISSUE TO SHELL OIL COMPANY A GEOPHYSICAL EXPLORATION PERMIT IN THE PERIOD AUGUST 1, 1964, TO FEBRUARY 1, 1965, IN THE FORM ATTACHED AS EXHIBIT "A" AND HEREBY MADE A PART HEREOF, SUBJECT TO THE FOLLOWING CONDITION:

THAT THE PERMITTEE SECURE CONCURRENT GEOPHYSICAL EXPLORATION PERMITS FOR THE SAME OPERATING AREA SPECIFIED HEREIN FROM THE OWNERS OF THE REMAINING INTEREST IN THE MINERAL RIGHTS ON GRIZZLY AND HAMMOND ISLANDS AND FROM THE STATE LESSEES UNDER STATE COMPENSATORY GAS ROYALTY AGREEMENT P.R.C. 2892.1.

Attachment

Calendar Item 44 (4 pages)

CALENDAR ITEM

44.

APPLICATION FOR PERMIT TO CONDUCT GEOPHYSICAL EXPLORATION OPERATIONS ON PROPRIETARY LANDS OF THE STATE OF CALIFORNIA, SOLANO AND SACRAMENTO COUNTIES; SHELL OIL COMPANY - W.O. 5147.

Shell Oil Company has made application for authorization to conduct geophysical exploration operations on approximately 12,060 acres on portions of Hammond, Grizzly, and Joice Islands, Solano County, and on a portion of Sherman Island, Sacramento County. (See Exhibit "B").

These islands are adjacent to inland waterways included in Shell's Geophysical Exploration Permit P.R.C. 3093.1, approved by the Commission on December 20, 1963 (Minute Item 12, page 9502), that authorizes geophysical operations on tide and submerged lands in the Sacramento River, Suisun Bay, and certain other waterways.

Under the proposed permit, seismic shots will be fired in shot holes drilled 75 feet or deeper; the shots will consist of not more than 20 lbs. of Nitro-carbonitrate-type explosives per shot hole. Each shot hole will be plugged and and filled after the shot is fired. The permittee will restore the surface of the ground to substantially the same condition in which it was found. Marsh equipment mounted on terra tires that have a ground pressure of less than a man walking will be used for this operation.

The lands are under the jurisdiction of the Department of Fish and Game. The State has retained all of the mineral rights to Joice and Sherman Islands, but owns only one-half of the mineral rights to Hammond and Grizzly Islands. The State's mineral interest in approximately 2,589 acres on Grizzly Island is included in a State Compensatory Gas Royalty Agreement P.R.C. 2892.1. The applicant has applied for a geophysical exploration permit from the owners of the mineral interest and from the State lessee under Compensatory Gas Royalty Agreement P.R.C. 2892.1.

The Department of Fish and Game has requested that exploration work be restricted to the period February 1 to September 1, and that before shooting begins on Grizzly, Hammond or Joice Islands, that the permittee contact the Manager of Grizzly Island located at the Department of Fish and Game Headquarters on Grizzly Island to discuss the general aspects of the operation.

The Statutory filing fee has been paid by the applicant.

IT IS RECOMMENDED THAT THE COMMISSION AUTHORIZE THE EXECUTIVE OFFICER TO ISSUE TO SHELL OIL COMPANY A GEOPHYSICAL EXPLORATION PERMIT IN THE PERIOD AUGUST 1, 1964, TO FEBRUARY 1, 1965, IN THE FORM ATTACHED AS EXHIBIT "A" AND HEREBY MADE A PART HEREOF, SUBJECT TO THE FOLLOWING CONDITION:

THAT THE PERMITTEE SECURE CONCURRENT GEOPHYSICAL EXPLORATION PERMIT FOR THE SAME OPERATING AREA SPECIFIED HEREIN FROM THE OWNERS OF THE REMAINING INTEREST IN THE MINERAL RIGHTS ON GRIZZLY AND HAMMOND ISLANDS AND FROM THE STATE LESSEES UNDER STATE COMPENSATORY GAS ROYALTY AGREEMENT P.R.C. 2892.1.

Attachment
Exhibit "A"

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EXHIBIT "A"

Permission is hereby granted to Shell Oil Company for the conduct of submarine seismic exploration work during the period August 1, 1964 to February 1, 1965 inclusive, on those tide and submerged lands described as follows:

PARCEL 1: That portion of Joice Island lying Northeasterly of Hunter Cut in the South half of the South half of projected Section 26, T. 4 N., R. 2 W., which connects Montezuma Slough with Suisun Slough, being portions of projected Sections 16, 17, 19, 20, 21 and 30, T. 4 N., R. 1 W., and projected Sections 23, 24, 25, 26, 27 and 35, T. 4 N., R. 2 W., M.D.B. & M., Solano County, California, known as the Joice Island State Game Refuge, containing 1,660 acres more or less.

PARCEL 2: That portion of Sherman Island lying Westerly of Mayberry Slough being portions of projected Sections 35 and 36, T. 3 N., R. 1 E., portions of projected Section 31, T. 3 N., R. 2 E.; portions of projected Sections 1, 2, 11 and 12, T. 2 N., R. 1 E.; and portions of projected Sections 5, 6, 7, and 8, T. 2 N., R. 2 E., M.D.B. & M., Sacramento County, California, containing 1,640 acres more or less.

PARCEL 3: Those portions of Grizzly Island and Hammond Island included within the area bounded as follows: Beginning at the intersection of Roaring River Slough and Montezuma Slough in projected Section 20 of T. 3 N., R. 1 E., thence in a Northerly direction along the meanders of Montezuma Slough 28,000 + ' to intersection of Montezuma Slough and Southeast corner of the Pintail Ranch Inc. et al., thence South $71^{\circ}\frac{1}{2}$ West 6,500 + ' along the South line of the Pintail Ranch Inc., thence on an average angle of North $50^{\circ}\frac{1}{2}$ West, 14,000 + ' to intersection of levee roads at Southeast corner of Chas. Cantano property, thence South $48^{\circ}\frac{1}{2}$ West 4,900 + ' to point where road leaves John Lawler property, thence in a Southwesterly direction 3,000 + ' to road intersection at Westerly point of State of California property; thence South $45^{\circ}\frac{1}{2}$ East 4,500 + ' to road intersection, thence Southerly 6,100 + ' to the Southwest corner of State of California property and Levee road, thence on average angle of South $64^{\circ}\frac{1}{2}$ East 5,000 + ' to beginning of Roaring River Slough thence Southeasterly 32,000 + ' along Roaring River Slough to the point of beginning; being portions of projected Sections 33 and 34, T. 4 N., R. 1 W., portion of projected Sections 1, 2, 3, 4, 5, 9, 10, 11, 12, 13, 14, 15, 16, 23 and 24, T. 3 N., R. 1 W., and a portion of projected Sections 5, 7, 8, 17, 18, 19 and 20, T. 3 N., R. 1 E., M.D.B. & M., Solano County, California, containing 8,760 acres more or less.

EXHIBIT "A" (CONTD.)

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 State Lands Division is present, or permission to proceed with the discharge of explosives has been given by such inspector of the State Lands Division. In the event that the inspector determines that the proposed discharge of explosives at any location within the area covered by this permit may affect the safety of any vessel, structure or person, said inspector shall prohibit the proposed discharge of explosives.
2. Operations shall be suspended on order of the State Lands Division 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 State Lands Division 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 State Lands Division inspector prior to firing.
4. A copy of a daily log of operations, showing date, location, number, size and type of placement of detonation shall be furnished to the State Lands Division 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 Department of Fish and Game for operations in the permitted area.
6. Shots will be fired in shot holes drilled 75 ft. or deeper and will consist of not more than 20 lbs. of Nitrocarbonate-type explosives per shot hole.
7. All shot holes will be tamped and filled and all debris will be removed from the property and the site shall be restored to its original condition.
8. Violation of any of the provisions of this permit, or of any permit issued by the State Department of Fish and Game for the same area, shall result in immediate suspension of all operations on orders given by the State Lands Division 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.
9. For each seismic crew in operation, the permittee shall make an advance deposit of \$800 before the commencement of operations under this permit, and \$800 every calendar month thereafter, as a minimum deposit to defray the costs of the State Lands Division that are involved in inspection under this permit. Actual costs to the State Lands Division 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.

EXHIBIT "A" (CONTD.)

10. The permittee agrees to indemnify the State against any and all losses, damages, claims, demands, or actions caused by, arising out of, or connected with the operations of the permittee hereunder.
11. The State Lands Commission reserves the right to inspect and, upon request by the Commission, the permittee shall make available for such inspection all factual and physical exploration results, logs, and records resulting from the operations under this permit for the confidential use of the Commission.
12. Exploration work is to be restricted to the period February 1 to September 1, during the term of this permit or any extension thereof.
13. Before exploration work begins on Grizzly, Hammond or Joice Islands, the permittee must contact the Manager of Grizzly Island located at the Department of Fish and Game Headquarters on Grizzly Island to discuss the general aspects of the operation.

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

STATE LANDS COMMISSION

F. J. HORTIG
Executive Officer

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

By _____

Title _____

Date _____