

MINUTE ITEM

This Calendar Item No 56
was approved as Minute Item
No 56 by the State Lands
Commission by a vote of 3
0 at its 4/28/77
meeting.

CALENDAR ITEM

56

4/77
"DX STATE 4596" 37
CPR
PRC 4596

APPROVAL OF PROPOSED DRILLING OF NEW WELL
"DX STATE 4596" 37, GEYSERS STEAM FIELD
SONOMA COUNTY

LEASE: Union Oil Company of California
Magma Power Company
Thermal Power Company
P. O. Box 6854
Santa Rosa, California 95406

COUNTY: Sonoma County.

AREA: Geysers Geothermal Field.

PERTINENT INFORMATION:

State Geothermal Resources Lease PRC 4596, was issued to Union Oil Company on May 27, 1971. On April 27, 1972, an undivided 25% interest in the lease was assigned to Magma Power Company and an undivided 25% interest was assigned to Thermal Power Company. Pursuant to the terms of the lease, Union has requested approval of the State Lands Commission to drill well "DX State 4596" 37. The well will be directionally drilled from an existing drillsite on private land that presently contains two productive State wells. The well was recently drilled to 6100' as "Cobb Mountain Hunting Club" 2, but due to discouraging test results, Union now plans to drill to a depth of 8500' and bottom the well in State lease. The site has previously been inspected and approved by Division staff. The proposed drilling and completion programs have been reviewed by the staff and determined to be in accordance with good engineering practices and the rules and regulations of the Commission.

The well will be used to furnish steam to electrical generating Unit No. 12. The unit is under construction and should be operational in July of 1978. Approximately 50% of the steam used in this unit will be supplied by State wells. Royalty income from the unit will be about \$480,000 per year.

ENVIRONMENTAL IMPACT:

The Sonoma County Board of Zoning Adjustments, acting as lead agency, prepared and circulated

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an environmental impact report covering Union Oil Company's geothermal lease-hold operations. By Notice of Determination issued on July 21, 1975, the Sonoma County Board of Zoning Adjustments certified that (1) the Environmental Impact Report was prepared pursuant to the provisions of the California Environmental Quality Act of 1970, as amended; (2) the project will not have a significant effect on the environment; and (3) the project has been approved by the Sonoma County Board of Zoning Adjustments. The Notice of Determination has been filed with the State Secretary for Resources, the State Lands Division, and the County Clerk for Sonoma County, wherein the project is to be undertaken.

Site specific data covering the impact of drilling 5 geothermal wells at this location, was prepared and circulated as a supplement to the Environmental Impact Report. The final Environmental Impact Report and the site specific supplements were submitted to the State Clearinghouse. Comments received during this final review have been responded to and are included in the EIR summary, on file with the office of the State Lands Division. The State Clearinghouse, by letter dated February 19, 1976, certified that State review of the project is complete. The environmental documents for this project were reviewed and considered for this project by the Commission at its meeting on March 25, 1976.

APPROVALS OBTAINED:

1. Sonoma County Board of Zoning Adjustments.
2. Division of Oil and Gas.
3. Northern Sonoma County Air Pollution Control District.
4. North Coast Regional Water Quality Control Board.

FURTHER APPROVALS REQUIRED:

None.

EXHIBIT: A. Location Map.

IT IS RECOMMENDED THAT THE COMMISSION:

1. DETERMINE THAT AN ENVIRONMENTAL IMPACT REPORT HAS BEEN PREPARED FOR THIS PROJECT AND CERTIFIED BY THE SONOMA COUNTY BOARD OF ZONING ADJUSTMENTS.

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2. CERTIFY THAT THE INFORMATION CONTAINED IN THE ENVIRONMENTAL IMPACT REPORT OF THE SONOMA COUNTY BOARD OF ZONING ADJUSTMENT HAS BEEN REVIEWED AND CONSIDERED BY THE COMMISSION.
3. DETERMINE THAT THE PROJECT WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
4. AUTHORIZE THE APPROVAL OF DRILLING WELL "DX STATE 4596" 37, IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF STATE GEOTHERMAL RESOURCES LEASE PRC 4596 AND THE RULES AND REGULATIONS OF THE COMMISSION.