

acter of the land, shall hereafter be deemed to embrace geothermal resources as a substance which either must be reserved or must prevent or restrict the disposal of such land, as the case may be. This section shall not be construed to affect grants, patents, or other forms of conveyances made prior to December 24, 1970.

(Pub. L. 91-581, §25, Dec. 24, 1970, 84 Stat. 1573; Pub. L. 109-58, title II, §236(1), (23), Aug. 8, 2005, 119 Stat. 671, 673.)

AMENDMENTS

2005—Pub. L. 109-58 inserted section catchline and substituted “geothermal resources” for “geothermal steam and associated geothermal resources” in text.

§ 1025. Federal reservation of certain mineral rights

The United States reserves the ownership of and the right to extract under such rules and regulations as the Secretary may prescribe oil, hydrocarbon gas, and helium from all geothermal resources produced from lands leased under this chapter in accordance with presently applicable laws: *Provided*, That whenever the right to extract oil, hydrocarbon gas, and helium from geothermal resources produced from such lands is exercised pursuant to this section, it shall be exercised so as to cause no substantial interference with the production of geothermal resources from such lands.

(Pub. L. 91-581, §27, Dec. 24, 1970, 84 Stat. 1574; Pub. L. 109-58, title II, §236(1), (25), Aug. 8, 2005, 119 Stat. 671, 673.)

AMENDMENTS

2005—Pub. L. 109-58 inserted section catchline and substituted “geothermal resources” for “geothermal steam and associated geothermal resources” wherever appearing in text.

§ 1026. Significant thermal features

(a) Units of National Park System

(1) The Secretary shall maintain a list of significant thermal features, as defined in section 1001(f) of this title, within units of the National Park System, including but not limited to the following units:

- (A) Mount Rainier National Park.
- (B) Crater Lake National Park.
- (C) Yellowstone National Park.
- (D) John D. Rockefeller, Jr. Memorial Parkway.
- (E) Bering Land Bridge National Preserve.
- (F) Gates of the Arctic National Park and Preserve.
- (G) Katmai National Park.
- (H) Aniakchak National Monument and Preserve.
- (I) Wrangell-St. Elias National Park and Preserve.
- (J) Lake Clark National Park and Preserve.
- (K) Hot Springs National Park.
- (L) Big Bend National Park (including that portion of the Rio Grande National Wild Scenic River within the boundaries of Big Bend National Park).
- (M) Lassen Volcanic National Park.
- (N) Hawai'i Volcanoes National Park.
- (O) Haleakalā National Park.

(P) Lake Mead National Recreation Area.

(2) The Secretary may, after notice and public comment, add significant thermal features within units of the National Park System to the significant thermal features list.

(3) The Secretary shall consider the following criteria in determining the significance of thermal features:

- (A) Size, extent and uniqueness.
- (B) Scientific and geologic significance.
- (C) The extent to which such features remain in a natural, undisturbed condition.
- (D) Significance of thermal features to the authorized purposes for which the National Park System unit was established.

(b) Monitoring program

(1) The Secretary shall maintain a monitoring program for significant thermal features within units of the National Park System.

(2) As part of the monitoring program required by paragraph (1), the Secretary shall establish a research program to collect and assess data on the geothermal resources within units of the National Park System with significant thermal features. Such program shall be carried out by the National Park Service in cooperation with the U.S. Geological Survey and shall begin with the collection and assessment of data for significant thermal features near current or proposed geothermal development and shall also include such features near areas of potential geothermal development.

(c) Lease application; adverse effect

(1) Upon receipt of an application for a lease under this chapter, the Secretary shall determine on the basis of scientific evidence if exploration, development or utilization of the lands subject to the lease application is reasonably likely to result in a significant adverse effect on a significant thermal feature within a unit of the National Park System. Such determination shall be subject to notice and public comment.

(2) If the Secretary determines that the exploration, development or utilization of the land subject to the lease application is reasonably likely to result in a significant adverse effect on a significant thermal feature within a unit of the National Park System, the Secretary shall not issue such lease.

(3) The Secretary shall not issue any lease under this chapter for those lands, or portions thereof, which are the subject of a determination made pursuant to subparagraph (2).

(d) Lease stipulations

With respect to all leases or drilling permits issued, extended, renewed or modified under this chapter, the Secretary shall include stipulations in such leases and permits necessary to protect significant thermal features within units of the National Park System where the Secretary determines that, based on scientific evidence, the exploration, development or utilization of the land subject to the lease or drilling permit is reasonably likely to adversely affect any such significant thermal feature. Stipulations shall include, but not be limited to—

- (1) requiring the lessee to reinject geothermal fluids into the rock formations from which they originate;