

and survival operations in the event of a major disaster. Sec.

(Pub. L. 106-113, div. B, §1000(a)(4) [title I], Nov. 29, 1999, 113 Stat. 1535, 1501A-223.)

CODIFICATION

Section was enacted as part of the appropriation act cited as the credit to this section, and not as part of the Federal Mine Safety and Health Act of 1977 which comprises this chapter.

SIMILAR PROVISIONS

Similar provisions were contained in the following prior appropriation acts:

- Pub. L. 105-277, div. A, §101(f) [title I], Oct. 21, 1998, 112 Stat. 2681-337, 2681-344.
- Pub. L. 105-78, title I, Nov. 13, 1997, 111 Stat. 1475.
- Pub. L. 104-208, div. A, title I, §101(e) [title I], Sept. 30, 1996, 110 Stat. 3009-233, 3009-240.
- Pub. L. 104-134, title I, §101(d) [title I], Apr. 26, 1996, 110 Stat. 1321-211, 1321-218; renumbered title I, Pub. L. 104-140, §1(a), May 2, 1996, 110 Stat. 1327.
- Pub. L. 103-333, title I, Sept. 30, 1994, 108 Stat. 2545.
- Pub. L. 103-112, title I, Oct. 21, 1993, 107 Stat. 1088.
- Pub. L. 102-394, title I, Oct. 6, 1992, 106 Stat. 1797.
- Pub. L. 102-170, title I, Nov. 26, 1991, 105 Stat. 1112.
- Pub. L. 101-517, title I, Nov. 5, 1990, 104 Stat. 2195.
- Pub. L. 101-166, title I, Nov. 21, 1989, 103 Stat. 1164.
- Pub. L. 100-436, title I, Sept. 20, 1988, 102 Stat. 1686.
- Pub. L. 100-202, §101(h) [title I], Dec. 22, 1987, 101 Stat. 1329-256, 1329-262.
- Pub. L. 99-500, §101(i) [H.R. 5233, title I], Oct. 18, 1986, 100 Stat. 1783-287, and Pub. L. 99-591, §101(i) [H.R. 5233, title I], Oct. 30, 1986, 100 Stat. 3341-287.
- Pub. L. 99-178, title I, Dec. 12, 1985, 99 Stat. 1107.
- Pub. L. 98-619, title I, Nov. 8, 1984, 98 Stat. 3310.
- Pub. L. 98-139, title I, Oct. 31, 1983, 97 Stat. 876.
- Pub. L. 97-377, title I, §101(e)(1) [title I], Dec. 21, 1982, 96 Stat. 1878, 1883.
- Pub. L. 97-92, §101(a) [H.R. 4560, title I], Dec. 15, 1981, 95 Stat. 1183.
- Pub. L. 96-536, §101(a) [incorporating H.R. 4389, title I, for FY 1980], Dec. 16, 1980, 94 Stat. 3166.
- Pub. L. 96-123, §101(g) [H.R. 4389, title I], Nov. 20, 1979, 93 Stat. 925.
- Pub. L. 95-480, title I, Oct. 18, 1978, 92 Stat. 1570.
- Pub. L. 95-355, title I, Sept. 8, 1978, 92 Stat. 529.

CHAPTER 23—GEOTHERMAL STEAM AND ASSOCIATED GEOTHERMAL RESOURCES

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- 1010. Suspension of operations and production; extension of lease term for period of suspension; waiver, suspension or reduction of rental or royalty.
- 1011. Termination of leases; grounds; notice; correction of violations; hearing; correction period after administrative decision.
- 1012. Waiver, suspension, or reduction of rental or royalty.
- 1013. Surface land use for production, utilization, and conservation of geothermal resources.
- 1014. Lands subject to geothermal leasing.
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- (c) Exemption of certain Federal lands.
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1016. Administration; multiple use of lands and resources; coexistence of other leases; reciprocal and reasonable operational interference between geothermal and other leases.
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1021. Federal exemption from State water laws.
1022. Waste, prevention; exclusiveness of provisions for acquisition of geothermal rights.
1023. Rules and regulations; scope of provisions.
1024. Disposal of land laws; reservation of geothermal resources and restriction on disposal of lands with geothermal resources; conveyances prior to December 24, 1970, unaffected.
1025. Federal reservation of certain mineral rights; extraction of minerals without substantial interference with geothermal production.
1026. Significant thermal features.
 - (a) Units of National Park System.
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CHAPTER REFERRED TO IN OTHER SECTIONS

This chapter is referred to in sections 191, 226-3, 530 of this title; title 16 sections 410mm-1, 460yy-1, 539g, 539k, 543c; title 43 section 299.

§ 1001. Definitions

As used in this chapter, the term—

- (a) "Secretary" means the Secretary of the Interior;
- (b) "geothermal lease" means a lease issued under authority of this chapter;
- (c) "geothermal steam and associated geothermal resources" means (i) all products of geothermal processes, embracing indigenous steam, hot water and hot brines; (ii) steam and other gases, hot water and hot brines resulting from water, gas, or other fluids artificially introduced into geothermal formations; (iii) heat or other associated energy found in geothermal formations; and (iv) any byproduct derived from them;
- (d) "byproduct" means any mineral or minerals (exclusive of oil, hydrocarbon gas, and helium) which are found in solution or in association with geothermal steam and which have

a value of less than 75 per centum of the value of the geothermal steam or are not, because of quantity, quality, or technical difficulties in extraction and production, of sufficient value to warrant extraction and production by themselves;

(e) "known geothermal resources area" means an area in which the geology, nearby discoveries, competitive interests, or other indicia would, in the opinion of the Secretary, engender a belief in men who are experienced in the subject matter that the prospects for extraction of geothermal steam or associated geothermal resources are good enough to warrant expenditures of money for that purpose.

(f) "Significant¹ thermal features within units of the National Park System" shall include, but not be limited to, the following:

(1) Thermal features within units of the National Park System listed in Section¹ 1026(a)(1) of this title and designated as significant in the Federal Register notice of August 3, 1987 (Vol. 52, No. 148 Fed. Reg. 28790).

(2) Crater Lake National Park.

(3) Thermal features within Big Bend National Park and Lake Mead National Recreation Area proposed as significant in the Federal Register notice of February 13, 1987 (Vol. 52, No. 30 Fed. Reg. 4700).

(4) Thermal features within units of the National Park System added to the significant thermal features list pursuant to section 1026(a)(2) of this title.

(Pub. L. 91-581, §2, Dec. 24, 1970, 84 Stat. 1566; Pub. L. 100-443, §2(a), Sept. 22, 1988, 102 Stat. 1766.)

AMENDMENTS

1988—Par. (f). Pub. L. 100-443 added par. (f).

SHORT TITLE OF 1988 AMENDMENT

Section 1 of Pub. L. 100-443 provided that: "This Act [enacting sections 1026 and 1027 of this title, amending this section and sections 191, 226-3, 1005, 1017, and 1019 of this title, and enacting provisions set out as notes under sections 1005 and 1026 of this title] may be known as the 'Geothermal Steam Act Amendments of 1988'."

SHORT TITLE

Section 1 of Pub. L. 91-581 provided: "That this Act [enacting this chapter and amending section 530 of this title] may be cited as the 'Geothermal Steam Act of 1970'."

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 1005, 1026 of this title.

§ 1002. Lands subject to geothermal leasing

Subject to the provisions of section 1014 of this title, the Secretary of the Interior may issue leases for the development and utilization of geothermal steam and associated geothermal resources (1) in lands administered by him, including public, withdrawn, and acquired lands, (2) in any national forest or other lands administered by the Department of Agriculture through the Forest Service, including public, withdrawn, and acquired lands, and (3) in lands which have been

¹ So in original. Probably should not be capitalized.