

- Sec.
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.
 (a) Terms and conditions for lands withdrawn or acquired for Department of the Interior.
 (b) Consent and terms and conditions for lands withdrawn or acquired for Department of Agriculture or for lands for power and related purposes.
 (c) Exemption of certain Federal lands.
1015. Citizenship requirement for lessees.
1016. Administration; multiple use of lands and resources; coexistence of other leases; reciprocal and reasonable operational interference between geothermal and other leases.
1017. Cooperative or unit plan of development or operation of geothermal pool, field, or like area; public interest; determination and certification; regulations; protection of parties in interest; authority respecting rate of prospecting, development, and production; five year review; leases excepted from control for purposes of State acreage limitation.
1018. Data from Federal agencies concerning conversion charges; confidential information.
1019. Disposal of moneys from sales, bonuses, royalties and rentals.
1020. Publication in Federal Register of known geothermal resource area lands; necessity of geothermal leases for development or production of geothermal resources in lands which the United States transferred with reservation of mineral rights.
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.
 (b) Monitoring program.
 (c) Lease application; adverse effect.
 (d) Lease stipulations.
 (e) Lands administered by Department of Agriculture.
 (f) Prohibition.
1027. Lands subject to prohibition on leasing.
1028. Hot dry rock geothermal energy.
 (a) USGS program.
 (b) Authorization of appropriations.

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’.”

¹ So in original. Probably should not be capitalized.

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 conveyed by the United States subject to a reservation to the United States of the geothermal steam and associated geothermal resources therein.

(Pub. L. 91-581, § 3, Dec. 24, 1970, 84 Stat. 1566.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 1024 of this title.

§ 1002a. Repealed. Pub. L. 97-214, § 7(16), July 12, 1982, 96 Stat. 174

Section, Pub. L. 95-356, title VIII, § 803(a), (b), Sept. 8, 1978, 92 Stat. 585; Pub. L. 96-125, title VIII, § 802(2), Nov. 26, 1979, 93 Stat. 948; Pub. L. 97-99, title IX, § 908, Dec. 23, 1981, 95 Stat. 1385, related to development of geothermal energy sources on military lands, contracts for provision and operation of production facilities and energy purchases, and terms, conditions and prerequisites of such contracts. See sections 2689 and 2394 of Title 10, Armed Forces.

Section 803(c) of Pub. L. 95-356, which provided that this section take effect Oct. 1, 1978, was repealed by Pub. L. 97-214, § 7(16), July 12, 1982, 96 Stat. 174.

EFFECTIVE DATE OF REPEAL

Repeal effective Oct. 1, 1982, and applicable to military construction projects, and to construction and acquisition of military family housing before, on, or after such date, see section 12(a) of Pub. L. 97-214, set out as an Effective Date note under section 2801 of Title 10, Armed Forces.

§ 1003. Bids; competitive bidding; first application of qualified person without competitive bidding

If lands to be leased under this chapter are within any known geothermal resources area, they shall be leased to the highest responsible qualified bidder by competitive bidding under regulations formulated by the Secretary. If the lands to be leased are not within any known geothermal resources area, the qualified person first making application for the lease shall be entitled to a lease of such lands without competitive bidding. Notwithstanding the foregoing, at any time within one hundred and eighty days following December 24, 1970:

(a) Conversion to geothermal lease

with respect to all lands which were on September 7, 1965, subject to valid leases or permits issued under the Mineral Leasing Act of February 25, 1920, as amended (30 U.S.C. 181 et seq.), or under the Mineral Leasing Act of Acquired Lands, as amended (30 U.S.C. 351, 358), or to existing mining claims located on or prior to September 7, 1965, the lessees or per-

mittees or claimants or their successors in interest who are qualified to hold geothermal leases shall have the right to convert such leases or permits or claims to geothermal leases covering the same lands;

(b) Consideration of first person in conflicting land interests

where there are conflicting claims, leases, or permits therefor embracing the same land, the person who first was issued a lease or permit, or who first recorded the mining claim shall be entitled to first consideration;

(c) Conversion to application for geothermal lease

with respect to all lands which were on September 7, 1965, the subject of applications for leases or permits under the above Acts, the applicants may convert their applications to applications for geothermal leases having priorities dating from the time of filing of such applications under such Acts;

(d) Acreage limitation

no person shall be permitted to convert mineral leases, permits, applications therefor, or mining claims for more than 10,240 acres; and

(e) Regulations; substantial expenditures for exploration, development, or production of geothermal steam requisite for conversion

the conversion of leases, permits, and mining claims and applications for leases and permits shall be accomplished in accordance with regulations prescribed by the Secretary. No right to conversion to a geothermal lease shall accrue to any person under this section unless such person shows to the reasonable satisfaction of the Secretary that substantial expenditures for the exploration, development, or production of geothermal steam have been made by the applicant who is seeking conversion, on the lands for which a lease is sought or on adjoining, adjacent, or nearby Federal or non-Federal lands.

(f) Competitive geothermal lease; time for payment of highest bid and first year rental

with respect to lands within any known geothermal resources area and which are subject to a right to conversion to a geothermal lease, such lands shall be leased by competitive bidding: *Provided*, That, the competitive geothermal lease shall be issued to the person owning the right to conversion to a geothermal lease if he makes payment of an amount equal to the highest bona fide bid for the competitive geothermal lease, plus the rental for the first year, within thirty days after he receives written notice from the Secretary of the amount of the highest bid.

(Pub. L. 91-581, § 4, Dec. 24, 1970, 84 Stat. 1566.)

REFERENCES IN TEXT

The Mineral Leasing Act of February 25, 1920, referred to in subsecs. (a) and (c), is act Feb. 25, 1920, ch. 85, 41 Stat. 437, as amended, known as the Mineral Leasing Act, which is classified generally to chapter 3A (§ 181 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 181 of this title and Tables.

The Mineral Leasing Act of Acquired Lands, referred to in subsecs. (a) and (c), probably means the Mineral