

Subpart 3256—Exploration Operations Relief and Appeals

§ 3256.10 May I request a variance from any BLM requirements?

(a) Yes, you may request a variance for your exploration operations from the requirements of 43 CFR 3200.4. Your request must include enough information to explain:

- (1) Why you cannot comply; and
- (2) Why you need the variance to control your well, conserve natural resources, protect public health and safety, property, or the environment.

(b) We may approve your request verbally or in writing. If we give you a verbal approval, we will follow up with written confirmation.

§ 3256.11 How may I appeal a BLM decision regarding my exploration operations?

You may appeal a BLM decision regarding your exploration operations in accordance with 43 CFR 3200.5.

Subpart 3260—Geothermal Drilling Operations—General

§ 3260.10 What types of geothermal operations are covered by these regulations?

(a) The regulations in 43 CFR subparts 3260 through 3267 establish permitting and operating procedures for drilling wells and conducting related activities for the purpose of performing flow tests, producing geothermal fluids, or injecting fluids into a geothermal reservoir. These subparts also address redrilling, deepening, plugging back, and other subsequent well operations.

(b) The operations regulations in subparts 3260 through 3267 do not address conducting exploration operations, which are covered in subpart 3250 of this part, or geothermal resources utilization, which is covered in subpart 3270 of this part.

§ 3260.11 What general standards apply to my drilling operations?

Your drilling operations must:

- (a) Meet all environmental and operational standards;
- (b) Prevent unnecessary impacts to surface and subsurface resources;

(c) Conserve geothermal resources and minimize waste;

(d) Protect public health, safety and property; and,

(e) Comply with the requirements of 43 CFR 3200.4.

§ 3260.12 What other orders or instructions may BLM issue me?

We may issue:

(a) Geothermal resource operational orders, for detailed requirements that apply nationwide;

(b) Notices to lessees, for detailed requirements on a statewide or regional basis;

(c) Other orders and instructions specific to a field or area;

(d) Permit conditions of approval; and

(e) Verbal orders which will be confirmed in writing.

Subpart 3261—Drilling Operations: Getting a Permit

§ 3261.10 How do I get approval to begin well pad construction?

(a) If you do not have an approved geothermal drilling permit, form 3260-2, apply using a complete and signed sundry notice, form 3260-3, to build well pads and access roads. Send us a complete operations plan (see 43 CFR 3261.12) and an acceptable bond with your sundry notice. You may start well pad construction once we approve your sundry notice.

(b) If you already have an approved drilling permit and you have provided an acceptable bond, you do not need any further permission from BLM to start well pad construction unless you intend to change something from the approved permit. Send us a complete and signed sundry notice so we may review your proposed change. Do not proceed with the change until we approve your sundry notice.

§ 3261.11 How do I get approval for drilling operations and well pad construction?

(a) Send us:

(1) A completed and signed drilling permit application;

(2) A complete operations plan (43 CFR 3261.12);

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(3) A complete drilling program (43 CFR 3261.13); and

(4) An acceptable bond (43 CFR 3261.18).

(b) Do not start any drilling operations until we have approved the permit.

§ 3261.12 What is an operations plan?

An operations plan describes how you will drill for and test the geothermal resources covered by your lease. Your plan must tell BLM enough about your proposal to allow us to assess the environmental impacts of your operations. This information should generally include:

- (a) Well pad layout and design;
- (b) A description of existing and planned access roads;
- (c) A description of any ancillary facilities;
- (d) The source of drill pad and road building material;
- (e) The water source;
- (f) A statement describing surface ownership;
- (g) Plans for surface reclamation;
- (h) A description of procedures to protect the environment and other resources; and
- (i) Any other information we may require.

§ 3261.13 What is a drilling program?

A drilling program describes all the operational aspects of your proposal to drill, complete and test a well. Send us:

- (a) A detailed description of the equipment, materials, and procedures you will use;
- (b) The proposed/anticipated depth of the well;
- (c) If you plan to directionally drill your well, also send us:
 - (1) The proposed bottom hole location and distances from the nearest section or tract lines;
 - (2) The kick-off point;
 - (3) The direction of deviation;
 - (4) The angle of build-up and maximum angle; and
 - (5) Plan and cross section maps indicating the surface and bottom hole locations;
- (d) The casing and cementing program;
- (e) The circulation media (mud, air, foam, etc.);

(f) A description of the logs that you will run;

(g) A description and diagram of the blowout prevention equipment you will use during each phase of drilling;

(h) The expected depth and thickness of fresh water zones;

(i) Anticipated lost circulation zones;

(j) Anticipated reservoir temperature and pressure;

(k) Anticipated temperature gradient in the area;

(l) A plat certified by a licensed surveyor showing the surveyed surface location and distances from the nearest section or tract lines;

(m) Procedures and durations of well testing; and

(n) Any other information we may require.

§ 3261.14 When must I give BLM my operations plan?

Send us a complete operations plan before you begin any surface disturbance on a lease. You do not need to submit an operations plan for subsequent well operations or altering existing production equipment, unless these activities will cause more surface disturbance or we notify you that you must submit an operations plan. Do not start any activities which will result in surface disturbance until we approve your permit or sundry notice.

§ 3261.15 Must I give BLM my drilling permit application, drilling program and operations plan at the same time?

No, you may submit your complete and signed drilling permit application and complete drilling program and operations plan either together or separately.

(a) If you submit them together and we approve your drilling permit, the approved drilling permit will authorize both the pad construction and the drilling and testing of the well.

(b) If you submit the operations plan separately from the drilling permit and program, you must:

(1) Submit the operations plan before the drilling permit application and drilling program to allow BLM time to comply with NEPA; and

(2) Submit a complete and signed sundry notice for well pad and access