

Bureau of Land Management, Interior

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§ 3275.20 What will BLM do if I waste geothermal resources?

We will determine the amount of any resources you have lost through waste. If you did not take all reasonable precautions to prevent waste, we will require you to pay compensation based on the value of the lost production. If you do not adequately correct the situation, we will follow the noncompliance procedures identified at 43 CFR 3277.12.

§ 3275.21 May BLM order me to drill and produce wells on my lease?

Yes, when necessary to protect Federal interests, prevent drainage and to ensure that lease development and production occur in accordance with sound operating practices.

Subpart 3276—Reports: Utilization Operations

§ 3276.10 What are my reporting requirements for facility and lease operations involving Federal geothermal resources?

(a) When you begin commercial production and operation, you must notify us in writing within five business days.

(b) Submit complete and signed monthly reports to BLM as follows:

(1) If you are a lessee or unit operator supplying Federal geothermal resources to a utilization facility on Federal land leased for geothermal resources, submit a monthly report of well operations for all wells on your lease or unit.

(2) If you are the operator of a utilization facility on Federal land leased for geothermal resources, submit a monthly report of facility operations.

(3) If you are both a lessee or unit operator and the operator of a utilization facility on Federal land leased for geothermal resources, you may combine the requirements of paragraphs (b)(1) and (b)(2) of this section into one report.

(4) If you are a lessee or unit operator supplying Federal geothermal resources to a utilization facility not located on Federal land leased for geothermal resources, and the sales point for the resource utilized is at the facility tailgate, submit all the requirements of paragraphs (b)(1) and (b)(2) of

this section. You may combine these into one report.

(c) Unless BLM grants a variance, your reports are due by the end of the month following the month that the report covers. For example, the report covering the month of July is due by August 31.

§ 3276.11 What information must I include for each well in the monthly report of well operations?

(a) Any drilling operations or changes made to a well;

(b) Total production or injection in thousands of pounds (klbs);

(c) Production or injection temperature in degrees Fahrenheit (deg.F);

(d) Production or injection pressure in pounds per square inch (psi). You must also specify whether this is gauge pressure (psig) or absolute pressure (psia);

(e) The number of days the well was producing or injecting;

(f) The well status at the end of the month;

(g) The amount of steam or hot water lost to venting or leakage, if the amount is greater than 0.5 percent of total lease production. We may modify this standard by a written order describing the change;

(h) The lease number or unit name where the well is located;

(i) The month and year the report applies to;

(j) Your name, title, signature, and a phone number where BLM may contact you; and

(k) Any other information that we may require.

§ 3276.12 What information must I give BLM in the monthly report for facility operations?

(a) For all electrical generation facilities, include in your monthly report of facility operations:

(1) Mass of steam and/or hot water used or brought into the facility, in klbs. For facilities using both steam and hot water, you must report the mass of each;

(2) The temperature of the steam or hot water in deg.F;

(3) The pressure of the steam or hot water in psi. You must also specify whether this is psig or psia;

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(4) Gross generation in kiloWatt hours (kWh);

(5) Net generation at the tailgate of the facility in kWh;

(6) Temperature in deg.F and volume of the steam or hot water exiting the facility;

(7) The number of hours the plant was on line;

(8) A brief description of any outages; and

(9) Any other information we may require.

(b) For electrical generation facilities where Federal royalty is based on the sale of electricity to a utility, you must include the following additional information in your monthly report of facility operations:

(1) Amount of electricity delivered to the sales point in kWh, if the sales point is different from the tailgate of the facility;

(2) Amount of electricity lost to transmission;

(3) A report from the utility purchasing the electricity which documents the total number of kWhs delivered to the sales point during the month, or monthly reporting period if it is not a calendar month, and the number of kWhs delivered during diurnal and seasonal pricing periods; and

(4) Any other information we may require.

§ 3276.13 What extra information must I give BLM in the monthly report for flash and dry steam facilities?

In addition to the regular monthly report information, send us:

(a) Steam flow into the turbine in klbs; for dual flash facilities, you must separate the steam flow into high pressure steam and low pressure steam;

(b) Condenser pressure in psia;

(c) Condenser temperature in deg.F;

(d) Auxiliary steam flow used for gas ejectors, steam seals, pumps, etc., in klbs;

(e) Flow of condensate out of the plant (after the cooling towers) in klbs; and

(f) Any other information we may require.

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§ 3276.14 What information must I give BLM in the monthly report for direct use facilities?

(a) A daily breakdown of flow, average temperature in, and average temperature out, in deg.F;

(b) Total monthly flow through the facility in thousands of gallons (kgal) or klbs;

(c) Monthly average temperature in, in deg.F;

(d) Monthly average temperature out, in deg.F;

(e) Total heat used in millions of BTU's (MMBTU);

(f) Number of hours that geothermal heat was used; and

(g) Any other information we may require.

§ 3276.15 Must I notify BLM of accidents occurring at my utilization facility?

Yes, you must verbally inform us of all accidents that affect operations or create environmental hazards within 24 hours after the accident. When you contact us, we may require you to submit a report fully describing the incident.

Subpart 3277—Inspections, Enforcement, and Noncompliance

§ 3277.10 Will BLM inspect my operations?

(a) Yes, we may inspect all operations to ensure compliance with the requirements of 43 CFR 3200.4. You must give us access to inspect all facilities utilizing Federal geothermal resources during normal operating hours.

§ 3277.11 What records must I keep available for inspection?

The operator or facility operator must keep all records and information pertaining to the operation of your utilization facility, royalty and production meters, and safety training available for BLM inspection for a period of six years from the time the records or information is created. This includes records and information from meters located off your lease or unit, when BLM needs them to determine resource production to a utilization facility or