

INSTRUCTIONS TO COMPLETE FORM 10-409:

Use a separate sheet for each pool.

Show all data requested for each well separately, and determine the gas-oil ratio according to the following procedure:

(1) General:

All well data and gas oil ratio tests submitted to the Commission on this form shall be made by a person qualified by training or experience to make such tests. Methods of gas measurement used shall be in accordance with API standards. All API numbers reported to AOGCC must consist of 14 digits (ex: 50-029-20123-00-00).

(2) Gas Volumes:

The volume of gas used in computing the gas-oil ratio and reported as being produced during the test (except tests on gas lift wells) shall be the total volume of gas produced from the well in the test period. This total volume of gas shall include all gas withdrawn from the casing as well as that produced through the tubing.

(3) Flowing Wells:

The oil flow shall be stabilized during the 24-hour period immediately preceding the test. Adjustments in the rate of flow should be made during the first 12 hours of the stabilization period and no adjustment shall be made during the last 12 hours or during the time in which the well is being tested.

(4) Gas Lift:

In submitting gas-oil ratio tests for gas lift wells, the total input and the total output gas volumes shall be recorded separately. These volumes shall be properly identified and determined by continuous measurement during the test. The volume of gas used in determining the operating gas-oil ratio hereunder shall be the volume remaining after the total input gas has been deducted from the total output volume; this net volume is to be reported on this form.

(5) Pumping Wells:

In computing the operating gas-oil ratio, the total volume of gas and the total barrels of oil produced during the test period must be used regardless of the pumping time in the test period.

(6) Method of Operation:

Under "Method of Operation" use the following code: 1-Flowing, 2-Gas Lift, 3-Rod Pump, 4-Hydraulic Pump, 5-Submersible Pump, 8-Standing or Shut-In, 9-Other.

(7) Pressures:

Show the stabilized working pressure on the tubing, casing, and separator, while the well is being tested.

(8) Gas Production:

The Gas Production listed shall be the total volume of gas produced during the test, expressed in thousands of cubic feet (MCF) at a standard pressure of 14.65 pounds per square inch, absolute, and a standard temperature of 60 degrees Fahrenheit; volume corrections are to be made in accordance with chapter 14.3 of the API Manual of Measurement Standards (adopted A.G.A. Report No. 3).