



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
OIL, GAS, AND MINERALS DIVISION

GAS-OIL RATIO TEST

By authority of Part 615 of Act 451 PA 1994, as amended.

Non-submission and/or falsification of this information may result in fines and/or imprisonment

GENERAL INSTRUCTIONS:

The following rules represent the minimum requirements for conducting and filing of gas-oil ratio tests with this agency. Failure to adhere to these requirements can result in rejection of the test.

- (1) Provide all pertinent information called for; e.g., gas gravity, flow method, meter range, oil gauges, chart readings, etc.
- (2) Test chart, or reproduction, must accompany test data. (Includes sales meter charts.)
- (3) Charts must be legible with a minimum differential extension of 5% of instrument range.
Exceptions only when test conditions require use of minimum orifice.
- (4) Minimum test time will be three (3) hours, or three intermittent flows, whichever is greater, or actual flow time necessary to develop a representative chart.
- (5) Gas temperatures and gravities must not be assumed when obtainable.
- (6) Show method and principal calculations in determining gas volumes.
- (7) Gas vented to the atmosphere, or otherwise diverted, other than that incident to conduction of the test will invalidate the test.

NOTE: A copy of the test must be filed within 15 days of the test date.

1. ORGANIZATION

Field name:

Name of permittee:

Lease & well name:

Permit no.:

County:

Location:

Township:

Producing formation:

Completion date:

TEST DATA (Base pressure 14.73 psig - temp. 60°F.)

Testing company:

Test date:

Tested and computed by (name):

Length of test:

Production method:

No. of flows/day:

Length of flow:

Choke size:

Casing pressure psig:

Tubing pressure psig:

Sep. or H.T. pressure psig:

Gas temp. °F:

Gas gravity (air = 1):

H.T. temp. °F:

Tank size:

Method of gas meas.: ☐ OWT ☐ Sale meter ☐ Other Meter Range:
Tank coeff.: Pipe size: Type of taps: ☐ Flange ☐ Pipe
Clock speed:

TANK GAUGES

Open: Orifice size: Orifice coeff.: Pitot:
Close: Coeff. tables used:
Diff. pressure avg: ☐ inches mercury ☐ inches water ☐ psi
Static pressure avg.: ☐ psig ☐ psia Total inches produced:

TEST RESULTS

Total oil - test. bbls.: Gas produced - test MCF:
Water produced per day, bbls.: Oil produced per day, bbls:
Gas produced per day, MCF: Gas-Oil Ratio C.F.P.B.:

REMARKS AND CALCULATIONS:

CERTIFICATION "I state that I am authorized by said owner. This report was prepared under my supervision and direction. The facts stated herein are true, accurate and complete to the best of my knowledge."

Name Title for Owner

Signature Date

Mail original to: EGLE-OGMD, P.O. Box 30256, Lansing, MI 48909-7756; or
EGLE-GeologicalRecords@michigan.gov.

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