

Definition of fields in the AZOGWELL database

SECTION, TWP, RGE: The section, township, and range in which the well is located.

LOCATION: The location of the well within a section, by quarter section or quarter-quarter section (160- or 40-acre tract).

PERMIT: The Oil and Gas Conservation Commission drilling-permit number or a number that the Commission assigned to wells that were drilled before it established permit requirements in 1959.

OPERATOR: The operator of the well. If the well has had more than one operator, the original operator is listed in parentheses.

LEASE_NO: The well number assigned by the operator and, usually, the name of the owner of the mineral rights. In a few cases another name is listed, such as the name of the surface occupant.

SAMPLE: The number of the box or boxes in which samples of the well are stored in the Commission's well files. An index of samples is available as an Open File Report.

CORE: The number of the box or boxes in which core chips of the well are stored in the Commission's well files. An index of samples is available as an Open File Report.

ELEVATION: The elevation of the well, in feet. GL is ground level, DF is elevation of the derrick floor, and KB is elevation of the Kelly Bushing. Most elevations are those reported by the operator in the survey plat submitted with the Application for Drilling Permit. The elevations of many non-permitted wells were estimated from topographic maps of various scales and contour intervals.

COMPLDATE: The year and month (if known) when the original operator abandoned the well or completed it as a producer. Dates of re-completion and reentry are not listed. For some non-permitted wells, especially older wells, the date is estimated.

STATUS: The latest status of the well, as defined in the legend.

TOTAL_DEPTH: The total depth of the well, in feet, as reported by the operator or as shown by mechanical logs. The total depths for some non-permitted wells were estimated from the best available information but may not be correct.

FM_AT_TD: The best available information on the rock unit at the bottom of the well. Commission and Survey staff members derived the information from operator reports, picks by the American Stratigraphic Company, and interpretations made by H. Wesley Peirce when he worked for the Arizona Bureau of Mines.

FIELD: Name of producing fields or general areas that wells are located.

AREA: NE, NW, SW, or SE from the intersection of the Gila and Salt River Base Line and Meridian. XNAV is the Navajo Base Line and Meridian.

COUNTY: The county in which the well is located.

API_NUMBER: A number assigned to each permitted well indicating the state, county, and unique well number.