

RAILROAD COMMISSION OF TEXAS

MAPPING WELL DATA DOWNLOAD

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This publication was developed for the general public in response to inquiries concerning the availability of oil and gas mapping information on electronic media. Any request for assistance with using this manual will be given every consideration.

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IDENTIFICATION

Developed For: Users of Oil & Gas Mapping
Information

By: Railroad Commission of Texas

System Name: Oil and Gas: Well Bore, Drilling
Permits, Field, P-5 Organization,
P-4, and Schedule.

Computer: IBM 2003-116

Mapping well data is available on compact disk.

File ID: MAF016
Record length: 240 bytes
Character Set: ASCII
Record format: Fixed Block

* Data is downloaded to compact disk (cd) using IBM-compatible PC system.

SYSTEM DESCRIPTION

This file contains descriptive information about oil and gas wells which are maintained in the Railroad Commission of Texas (RRC) mapping system. This file is organized by map area and contains API number, survey name, well number, plug date, completion date, lease name, and lease I.D. The file is organized by USGS 7.5 minute quadrangle and is sorted by API number within each quadrangle. It is intended to be used along with location information extracted from the well mapping system. Records contained in this file will match the API numbers identified in the quad maps, and may not represent all known API numbers in the map area.

FILE DESCRIPTION

Disk file name: MAF016 ASCII

The following COBOL file definition shows the contents and layout of each record. The numbers to the far right under POSITION shows the relative starting position of that field. To determine the number of characters in a field, look at the PIC column. Following the PIC is an "X" or "9". "X" indicates the field is alphanumeric. "9" indicates the field is numeric only. The number following the "X" or "9" tells the number of characters in that field. Fields which are not available will be space filled for alphanumeric and zero filled for numeric. If survey, block, section and abstract fields are not available the survey field will contain the literal 'NO LOCATION DATA AVAILABLE'. Each record is 240 BYTES (characters) long. Definitions of each data field can be found on the next few pages.

01	MAF016-QUAD-INFO.			POSITION
05	MAF016-QUAD-NUM	PIC 9(07)	VALUE ZEROS.	1
05	MAF016-API-NUM	PIC 9(08)	VALUE ZEROS.	8
05	MAF016-SURVEY	PIC X(55)	VALUE SPACES.	16
05	MAF016-BLOCK	PIC X(10)	VALUE SPACES.	71
05	MAF016-SECTION	PIC X(08)	VALUE SPACES.	81
05	MAF016-ABSTRACT	PIC X(06)	VALUE SPACES.	89
05	MAF016-OPERATOR	PIC X(32)	VALUE SPACES.	95
05	MAF016-TOTAL-DEPTH	PIC 9(05)	VALUE ZEROS.	127
05	MAF016-WELL-NUMBER	PIC X(06)	VALUE SPACES.	132
05	MAF016-LEASE-NAME	PIC X(32)	VALUE SPACES.	138
05	MAF016-PERMIT-NUM	PIC 9(06)	VALUE ZEROS.	170
05	MAF016-GAS-RRCID	PIC 9(06)	VALUE ZEROS.	176
05	FILLER REDEFINES MAF016-GAS-RRCID.			
10	MAF016-OIL-LEASE-NUM	PIC 9(05).		
10	FILLER	PIC 9.		
05	MAF016-FIELD-NAME	PIC X(32)	VALUE SPACES.	182
05	MAF016-COMPLETION-DATE	PIC 9(08)	VALUE ZEROS.	214
05	MAF016-PLUG-DATE	PIC 9(08)	VALUE ZEROS.	222
05	MAF016-REFER-TO-API	PIC 9(08)	VALUE ZEROS.	230
05	MAF016-ON-OFF-SCHEDULE	PIC X	VALUE SPACE.	238
05	MAF016-OIL-GAS-CODE	PIC X	VALUE SPACE.	239
05	FILLER	PIC X	VALUE SPACE.	240

DATA DICTIONARY FOR MAPPING WELL DATA DOWNLOAD

MAF016-QUAD-NUM

Contains a 7-digit number representing the USGS 7.5 minute quad number for Texas. This is the map area in which the well bore API number is physically located.

MAF016-API-NUM

Contains the 8-digit API number assigned to the well bore. The first 3 digits indicate the county in which the bore is located. The last 5 digits represent a unique number that in combination with the first 3 digits makes it unique to the bore.

MAF016-SURVEY

Contains up to 55 characters indicating the name of the original grantee or the name of the company, individual or eleemosynary institution that is common among a formed group of surveys as shown on the General Land Office (GLO) county patent survey map or the GLO state abstract of land titles.

MAF016-BLOCK

Contains up to 10 characters indicating the number or letter used in description of a group of surveys identified as a block on the General Land Office (GLO) county patent survey map or the GLO state abstract of land titles.

MAF016-SECTION

Contains up to 8 characters indicating the number that further describes an abstracted surveyed parcel, or a surveyed parcel further divided into numbered abstracted areas.

MAF016-ABSTRACT

Contains up to 6 characters indicating the number assigned to summary statement of facts on which a person's land title rests. The Texas General Land Office assigned the number to the surveyed parcel at the time of patenting (example: a-1234). The term abstract" refers to an original land survey describing an area transferred from the public domain by either the Republic of Texas or the State of Texas. These surveys are recorded in the "state abstract of land titles," which is maintained by the Texas General Land Office. Each survey so recorded is assigned an abstract number which is unique within the county in which the survey falls. Because Texas has never performed a uniform statewide land survey, these original surveys called "patent surveys" constitute the state's official land survey system.

MAF016-OPERATOR

Contains organization/operator name as filed on RRC organization report form (Form P-5).

MAF016-TOTAL-DEPTH

Contains a 5-digit number representing the maximum depth of the well bore.

MAF016-WELL-NUMBER

Contains the well number.

MAF016-LEASE-NAME

Contains up to 32 characters representing the name assigned to a lease.

MAF016-PERMIT-NUM

Contains a 6-digit number assigned by the Railroad Commission for an approved application to drill.

MAF016-LEASE-NUMBER

Contains a number assigned by the Railroad Commission. A 5-digit oil lease number or a 6-digit gas well identification number.

MAF016-FIELD-NAME

Contains up to 32 characters representing the name of the field in which the lease is located.

MAF016-COMPLETION-DATE

Contains an 8-digit number in ccyymm/dd format representing the date the well was completed.

MAF016-PLUG-DATE

Contains an 8-digit number in ccyymm/dd format representing the plug date reported on the form W-3 (Plugging Report).

MAF016-REFER-TO-API

Contains an 8-digit number representing the current API number assigned to the well bore.

When a refer to api number is listed, go to that API number for information about the well bore.

MAF016-ON-OFF-SCHEDULE

Contains 1 character indicating whether the well is currently on the proration schedule. The character 'N' is used for on schedule and the character 'Y' is used for off schedule.

MAF016-OIL-GAS-CODE

Contains 1 character indicating whether the well is/was carried on the oil or gas proration schedule. The character 'O' is used for oil proration schedule and the character 'G' is used for gas proration schedule.

