RAILROAD COMMISSION OF TEXAS

TEXAS NATURAL GAS INFORMATION SYSTEM
DUPLICATE GAS ALLOWABLE TAPE
MAGNETIC TAPE USER’S GUIDE
This publication was developed for the general public in response to inquiries concerning the availability of gas allowable information on magnetic tape. If you request assistance in using the manual, your request will be given every consideration.

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April 7, 1982
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April 7, 1992

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Publication Number: GSA011
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I. GENERAL INFORMATION
IDENTIFICATION

Developed For: Users of Gas Allowable Information

By: Railroad Commission of Texas

System Name: Gas Schedule System

Computer: IBM 2003-116

SYSTEM DESCRIPTION

Each month the Railroad Commission of Texas calculates the next month's allowable for every gas well in the State of Texas eligible for an allowable. These allowables are then printed and mailed to the well's operator and gatherer by the first day of the effective month. At the same time these allowables are written on tape and mailed to subscribers of gas allowable tapes.

RECORD LAYOUT OF GAS ALLOWABLE TAPE

The Gas Well Allowable Tape contains four types of records, each of which is 100 bytes in length. These records correspond to the type of information being printed. They are: a gas well allowable for an operator; a gas well allowable for a gatherer; and the field data in which the gas well is located and the estimated forecast by operator in prorated fields.
PHYSICAL TAPE CHARACTERISTICS

1600 or 6250 BPI, Channel phase encoded

EBCDIC Character set

IBM Standard Labels
(One 80-character volume label, two 80-character header labels and two 80-character trailer labels)

Dataset Name: GGAPRT or GOPPRT

Record Length: 100 bytes
Record Format is Fixed Block
Block Size: 2000 bytes
II. FILE INFORMATION
01 GOPPRT-RECORD.
   02 GOPPRT-KEY.
      03 GOPPRT-OPERATOR-NO PIC 9(6) VALUE ZEROS.  1
   02 GOPPRT-DATA.
      03 GOPPRT-OPR-ZIP-CODE PIC 9(5) VALUE ZEROS.  7
      03 GOPPRT-RRC-IDENT PIC 9(6) VALUE ZEROS.  12
      03 GOPPRT-DISTRICT PIC X(3) VALUE SPACES.  18
      03 FILLER PIC X(7) VALUE ZEROS.  21
      03 GOPPRT-WELL-STATUS PIC S9(8) VALUE ZEROS.  28
      03 GOPPRT-WORD-ALLOW.
         05 GOPPRT-ALLOWABLE PIC 9(7) VALUE ZEROS.  36
         05 GOPPRT-ALLOWABLE-CD PIC X VALUE SPACES.  43
      03 GOPPRT-LEASE-NAME PIC X(15) VALUE SPACES.  44
      03 GOPPRT-WELL-NUMBER PIC X(6) VALUE SPACES.  59
      03 GOPPRT-FIELD-NAME PIC X(32) VALUE SPACES.  65
      03 FILLER PIC X(4) VALUE ZEROS.  97
GWW336B1: Dictionary of selected data items for GOPPRT
Gas Allowable by Operator

------------------
GOPPRT-OPERATOR-NO
------------------
Organization/operator id number assigned by the RRC.

------------------
GOPPRT-OPR-ZIP-CODE
------------------
Zip code used to locate operator.

------------------
GOPPRT-RRC-IDENT
------------------
The gas RRC IDENT is a six-digit number assigned by the RRC which
uniquely identifies each gas well within a field (reservoir).

------------------
GOPPRT-DISTRICT
------------------
Identifies the RRC district in which the well is located. There
are fourteen RRC districts.

01    07B
02    07C
03    08
04    08A
05    08B not currently used
06    09
06E   10

------
FILLER
------
Expansion room.

------------------
GOPPRT-WELL-STATUS
------------------
Well status as of date of stripout, the sign will be in the
low order position.

------------------
GOPPRT-ALLOWABLE
------------------
Allowable for well for month of stripout in MCF.
GOPPRT-ALLOWABLE-CD

Indicates the type of allowable assigned to the well.
Note: If well has zero allowable and a word allowable has been assigned, it will be stored in GOPPRT-ALLOWABLE and GOPPRT-ALLOWABLE-CD.

- blank  Producing With No Exceptions or Limitations, Top Allowable
- A  Limited Underage Carried Forward
- B  Rule 2B -- Panhandle West Field, or Rule 3B in Red Cave
- C  Cycling (Allow Zero)
- D  Daily Special Allowable Granted by the Commission; or, Disposal. Note: The use as special allowable has changed, eff 10/01/86.
- G  Limited to 25% (Panhandle) (Prints as "I")
- H  Restricted to 100% of the Daily Production Test (DPT)
- I  Injection Well (Allowable Is Zero)
- K  Shut-in well (Exception to 14(b)(2) Well) (Prints as $)
- L  Limited to highest daily production last 12 months. Underage may not be accumulated.
- M  Panhandle Field -- 50 MCF/day (Statewide -- Pote Less Than 200 MCF/day)
- N  Special Allowable Granted by Administrative Action -- (Non-Hearing). Eff 10/01/86.
- *  Up to Twice Average Production Prior Six Months (No Limit)
- P  Based on Third Month Prior (Panhandle)
- Q  Reserved (Used in Stripouts)
- R  Deliverability + Overage (Supplement Only)
- S  Special Allowable Granted by Commission Action (Hearing), Eff 10/01/86. This code was formerly S = Special Form "Special Allowable" Monthly.
- @  Limited to Top Production Last Six Months
- U  Limited to highest daily production last 12 months. Underage may be accumulated.
- V  Reserved (Used in Stripouts)
- W  Withheld Pending Receipt of Forms
- X  Exempt (Salvage)
- Z  Not Eligible for Allowable

GAS WORD ALLOWABLES

P&A-COND
DELQ P-2
DLQ G-10
INC G-10
NO PROD
SHUT IN
T.A.
DISPOSAL
Also free form word allowables are input by RRC.

II.3
GOPPRT-LEASE-NAME

First 15 digits of the Lease name in which well is located. A name consisting of up to 32 characters assigned by an operator to a lease.

GOPPRT-WELL-NUMBER

This data item is a six-digit number assigned by the operator. The first digit may be alphabetic, numeric or blank. The second and third digits may be numeric or blank. The fourth digit must be numeric. The fifth and sixth digits may be alphabetic or blank.

GOPPRT-FIELD-NAME

RRC field name in which well is located. A field name is generally made up of: a word chosen by the operator, the stratigraphic interval name of the formation, and the formation depth at which the field is located, Ex. JOHNSON (Frio 4700).

FILLER

Expansion room.
01 GGAPRT-RECORD.
   02 GGAPRT-KEY.
      03 GGAPRT-GATHERER-CD PIC X(5) VALUE SPACES. 1
   02 GGAPRT-DATA.
      03 GGAPRT-GTH-ZIP-CODE PIC 9(5) VALUE ZEROS. 6
      03 GGAPRT-RRC-IDENT PIC 9(6) VALUE ZEROS. 11
      03 GGAPRT-DISTRICT PIC X(3) VALUE SPACES. 17
      03 FILLER PIC X(7) VALUE ZEROS. 20
      03 GGAPRT-OPERATOR-NO PIC 9(6) VALUE ZEROS. 27
      03 GGAPRT-WELL-STATUS PIC S9(8) VALUE ZEROS. 33
      03 GGAPRT-WORD-ALLOW.
         05 GGAPRT-ALLOWABLE PIC 9(7) VALUE ZEROS. 41
         05 GGAPRT-ALLOWABLE-CD PIC X VALUE SPACES. 48
         03 FILLER PIC X(11) VALUE ZEROS. 49
         03 GGAPRT-LEASE-NAME PIC X(11) VALUE SPACES. 60
         03 GGAPRT-FIELD-NAME PIC X(30) VALUE SPACES. 71
GWW336C1: Dictionary of selected data items for GOPPRT
Gas Allowable by Gatherer

------------
GGAPRT-GATHERER-CD
------------
Gatherer code is a unique code assigned by the RRC that identifies a gatherer.

------------
GGAPRT-GTH-ZIP-CODE
------------
Zip code used to locate gatherer.

------------
GGAPRT-RRC-IDENT
------------
The gas RRC IDENT is a six-digit number assigned by the RRC which uniquely identifies each gas well within a field (reservoir).

------------
GGAPRT-DISTRICT
------------
Identifies the RRC district in which the well is located. There are fourteen RRC districts.

01  07B
02  07C
03  08
04  08A
05  08B not currently used
06  09
06E  10

------
FILLER
------
Expansion room.

------------
GGAPRT-OPERATOR-NO
------------
Organization/operator id number assigned by the RRC.

------------
GGAPRT-WELL-STATUS
------------
Well status as of date of stripout, the sign will be in the low order position.
GGAPRT-ALLOWABLE

Allowable for well for month of stripout in MCF.

GGAPRT-ALLOWABLE-CD

Indicates the type of allowable assigned to the well.

Note: If well has zero allowable and a word allowable has been assigned, it will be stored in GGAPRT-ALLOWABLE and GGAPRT-ALLOWABLE-CD.

<table>
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<td>blank</td>
<td>Producing With No Exceptions or Limitations, Top Allowable</td>
</tr>
<tr>
<td>A</td>
<td>Limited Underage Carried Forward</td>
</tr>
<tr>
<td>B</td>
<td>Rule 2B -- Panhandle West Field, or Rule 3B in Red Cave</td>
</tr>
<tr>
<td>C</td>
<td>Cycling (Allow Zero)</td>
</tr>
<tr>
<td>D</td>
<td>Daily Special Allowable Granted by the Commission; or, Disposal. Note: The use as special allowable has changed, eff 10/01/86.</td>
</tr>
<tr>
<td>G</td>
<td>Limited to 25% (Panhandle) (Prints as &quot;T&quot;)</td>
</tr>
<tr>
<td>#</td>
<td>Restricted to 100% of the Daily Production Test (DPT)</td>
</tr>
<tr>
<td>I</td>
<td>Injection Well (Allowable Is Zero)</td>
</tr>
<tr>
<td>K</td>
<td>Shut-in well (Exception to 14(b)(2) Well) (Prints as $)</td>
</tr>
<tr>
<td>L</td>
<td>Limited to highest daily production last 12 months. Underage may not be accumulated.</td>
</tr>
<tr>
<td>M</td>
<td>Panhandle Field -- 50 MCF/day (Statewide -- Pote Less Than 200 MCF/day)</td>
</tr>
<tr>
<td>N</td>
<td>Special Allowable Granted by Administrative Action -- (Non-Hearing). Eff 10/01/86.</td>
</tr>
<tr>
<td>*</td>
<td>Up to Twice Average Production Prior Six Months (No Limit)</td>
</tr>
<tr>
<td>P</td>
<td>Based on Third Month Prior (Panhandle)</td>
</tr>
<tr>
<td>Q</td>
<td>Reserved (Used in Stripouts)</td>
</tr>
<tr>
<td>R</td>
<td>Deliverability + Overage (Supplement Only)</td>
</tr>
<tr>
<td>S</td>
<td>Special Allowable Granted by Commission Action (Hearing),</td>
</tr>
<tr>
<td>@</td>
<td>Limited to Top Production Last Six Months</td>
</tr>
<tr>
<td>U</td>
<td>Limited to highest daily production last 12 months. Underage may be accumulated.</td>
</tr>
<tr>
<td>V</td>
<td>Reserved (Used in Stripouts)</td>
</tr>
<tr>
<td>W</td>
<td>Withheld Pending Receipt of Forms</td>
</tr>
<tr>
<td>X</td>
<td>Exempt (Salvage)</td>
</tr>
<tr>
<td>Z</td>
<td>Not Eligible for Allowable</td>
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GAS WORD ALLOWABLES

P&A-COND
DELQ P-2
DLQ G-10
INC G-10
NO PROD
SHUT IN
T.A.
DISPOSAL

Also free form word allowables are input by RRC.
Expansion room.

GGAPRT-LEASE-NAME

First 11 digits of the Lease name in which well is located. A name consisting of up to 32 characters assigned by an operator to a lease.

GGAPRT-FIELD-NAME

RRC field name in which well is located. A field name is generally made up of: a word chosen by the operator, the stratigraphic interval name of the formation, and the formation depth at which the field is located, Ex. JOHNSON (FRIO 4700).
01 FIELD-RECORD.
  02 FIELD-KEY.
    03 FIELD-RECORD-CODE PIC X(2) VALUE 'F1'. 1
  02 FIELD-DATA.
    03 FIELD-NAME PIC X(32) VALUE ZEROS. 3
    03 FIELD-ALLOWABLE PIC 9(9) VALUE ZEROS. 35
    03 FIELD-MKT-DEMAND PIC 9(9) VALUE ZEROS. 44
    03 FIELD-FACTORS.
      05 FIELD-FACT-CD1 PIC 99 VALUE ZEROS. 53
      05 FIELD-FACT1 PIC 9(7)VALUE ZEROS. 55
      05 FIELD-FACT-CD2 PIC 99 VALUE ZEROS. 69
      05 FIELD-FACT2 PIC 9(7)VALUE ZEROS. 71
      05 FIELD-FACT-CD3 PIC 99 VALUE ZEROS. 85
      05 FIELD-FACT3 PIC 9(7)VALUE ZEROS. 87
GWW336D1: Dictionary of selected data items for GOPPRT & GGAPRT

Field data for stripout

------------------------
FIELD-RECORD-CODE
------------------------
"F1" code to identify field data. This record will only be used for prorated fields.

--------
FIELD-NAME
--------
RRC field name in which well is located.

--------
FIELD-ALLOWABLE
--------
Total allowable assigned to the field.

--------
FIELD-MKT-DEMAND
--------
Estimated forecast for the field for third month from this stripout. Example May stripout will indicate July Demand.

--------
FIELD-FACT-CD1
--------
Field factor code 1 for prorated fields.

  01 ==> PER WELL
  02 ==> ACRES
  03 ==> ACRE FEET
  04 ==> BOTTOM HOLE PRESSURE
  05 ==> G-1 POTENTIAL
  06 ==> G-10 POTENTIAL
  07 ==> ACRES X CALCULATED DEL.
  08 ==> ACRES X BOTTOM HOLE PRESSURE
  09 ==> ACRES X ROCK PRESSURE
  12 ==> ACRE FEET X BOTTOM HOLE PRESS
  16 ==> 25% STATEWIDE
  17 ==> 49B ASSOCIATED
  19 ==> % DELIVERABILITY
  20 ==> ACRES X DELIVERABILITY
  21 ==> DELIVERABILITY
  22 ==> LEASE PERCENT RESERVES
  30 ==> ONE WELL

--------
FIELD-FACT1
--------
Field factor 1 for prorated fields.
Field factor code 1 for prorated fields. See code 1.

Field factor 2 for prorated fields.

Field factor code 3 for prorated fields. See code 1.

Field factor 3 for prorated fields.
01 OPERATOR-RECORD.            POSITION
  02 OPERATOR-KEY.
    03 OPERATOR-RECORD-CODE PIC X(2) VALUE '01'.  1
  02 OPERATOR-DATA.
    03 OPERATOR-FIELD-NAME PIC X(32) VALUE ZEROS.  3
    03 OPERATOR-NAME       PIC X(32) VALUE ZEROS.  35
    03 OPERATOR-NUMBER     PIC 9(6)  VALUE ZEROS.  67
    03 OPERATOR-MKT-DEMAND PIC 9(9)  VALUE ZEROS.  73
    03 FILLER              PIC X(21) VALUE SPACES.  82
FIELD-RECORD-CODE
"01" code to identify operator data. This record will only be used for prorated fields.

FIELD-NAME
RRC field name in which operator well's are located.

OPERATOR-NAME
Operator name the forecast is for.

OPERATOR-NUMBER
Operator number the forecast is for.

OPERATOR-MKT-DEMAND
Estimated forecast for the operator in the field for third month from this stripout. Example May stripout will indicate July Demand.