RAILROAD COMMISSION OF TEXAS

OIL AND GAS PRODUCTION INFORMATION USER'S GUIDE

TABLE OF CONTENTS

I. GENERAL INFORMATION

Identification
_____

Developed For: Users of Oil and Gas Production
                          Information

By: Railroad Commission of Texas

System Name: Oil and Gas Production

Computer: IBM 2003-116

SYSTEM DESCRIPTION
_____

     The primary file of the automated Production System is the
PD database. It is an on-line, disk resident file which contains
information related to oil and gas production. The file
information is made available to the inquiring public in two
tape volumes, the oil production tape or the gas production tape.

     The keys to the production tape records can be found in the
first two bytes of each record.

The key representation is as follows:

            OIL TAPE
            _____

RECORD   SEGMENT
 KEY   NAME   DESCRIPTION

  01   PDROOT   Root Segment (Oil version)
  02   PDORPTCY   Reporting Cycle Segment
  03   PDOPROD   Production Segment
  04   PDORMVDS   Prod Report Discrepancy Removal Segment
  05   PDODSP   Disposition & Stock Adjustment Segment
  06   PDOCSHDS   Casinghead Disposition Segment
  07   PDOPRPV   Previous Production Report Segment
  08   PDOCMPMT   Commingle Permit Segment
  09   PDOCMPRD   Commingle Production Segment
  10   PDOCMODS   Commingle Oil Disposition Segment
  11   PDOOEB   Commingle Oldest Ending Balance Segment
  12   PDOCMPV   Commingle Previous Prod. Report Segment
  13   PDOPRVAL   Previous Allowable Segment
  22   PDREMARK   Production Remarks Segment

I.1

```
23         PDODSPRK        Production Oil Disposition Remarks
24         PDOCMGRK        Production Oil Commingle Disp Remarks
```

```
                    GAS TAPE
                    _____

   RECORD        SEGMENT
    KEY           NAME        DESCRIPTION

    01           PDROOT       Root Segment (Gas version)
    14           PDGRPTCY     Reporting Cycle Segment
    15           PDGPROD      Production Report Segment
    16           PDGDSP       Disposition Segment
    17           PDGCONDS     Condensate Disp. & Stock Adjustment Segment
    18           PDGCMPMT     Commingle Permit Production Segment
    19           PDGSTAT      Balancing Period Segment
    20           PDGREIN      Reinstated Underage Segment
    21           PDGPRPV      Previous Production Report Segment
    22           PDREMARK     Production Remarks Segment
    25           PDGDSPRK     Production Gas Disposition Remarks
    26           PDCNDRMK     Production Condensate Disp. Remarks
    27           PDGSEPEX     Gas Separation/Extraction Loss
```

```
                      PRODUCTION DATABASE HIERARCHY
                     _____

                                  OIL

                            **********
                            * PDROOT *
                            * KEY=01 *
                            **********
                                 *
                     ************************              at A)
                     *                     *
                **********              **********
                *PDORPTCY*              *PDREMARK*
                * KEY=02 *              *KEY=22  *
                **********              **********
                     *
           ***********************************************(Cont. at A)
           *             *             *             *
      **********    **********    **********    **********
      * PDOPROD*    * PDODSP *    *PDOCSHDS*    *PDOPRPV*
      * KEY=03 *    * KEY=05 *    *KEY=06  *    *KEY=07 *
      **********    **********    **********    **********
          *             *
      **********    ***********
      *PDORMVDS*    * PDODSPRK*
      *KEY=04  *    * KEY=23  *
      **********    ***********


 A >************************************************************
                  *                                  *
             **********                          **********
             *PDOCMPMT*                          *PDOPRVAL*
             * KEY=08 *                          * KEY=13 *
             **********                          **********
         ************************************
         *         *          *          *
    **********  **********  **********  **********
    *PDOCMPRD*  *PDOCMODS*  * PDOOEB *  *PDOCMPV *
    * KEY=09 *  * KEY=10 *  * KEY=11 *  * KEY=12 *
    **********  **********  **********  **********
                    *
                **********
                *PDOCMGRK*
                * KEY=24 *
                **********




                                 I.4
```

```
                              GAS

                         * * * * * * * * *
                         *  PDROOT  *
                         *  KEY=01  *
                         * * * * * * * * *
                                 *
                  * * * * * * * * * * * * * * * * * * * * *
                       *                           *
                  * * * * * * * * *           * * * * * * * * *
                  *PDGRPTCY*                  *PDREMARK*
                  *  KEY=14  *                *KEY=22   *
                  * * * * * * * * *           * * * * * * * * *
                         *
          * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *(Cont. at B)
            *                *                *                *
       * * * * * * * * *  * * * * * * * * *  * * * * * * * * *  * * * * * * * * *
       *  PDGPROD*        *  PDGDSP  *       *PDGCONDS*         *PDGCMPMT*
       *  KEY=15  *       *  KEY=16  *       *  KEY=17  *       *  KEY=18  *
       * * * * * * * * *  * * * * * * * * *  * * * * * * * * *  * * * * * * * * *
                                *                *
       * * * * * * * * *  * * * * * * * * *  * * * * * * * * * * *
       *PDGSEPEX*         *PDGDSPRK*          *PDCNDRMK  *
       *  KEY=27  *       *  KEY=25   *       *  KEY=26   *
       * * * * * * * * *  * * * * * * * * *  * * * * * * * * * * *


   B  >* * * * * * * * * * * * * * * * * * * * * * * * * * * *
             *                *                *
         * * * * * * * * *  * * * * * * * * *  * * * * * * * * *
         *  PDGSTAT*        *  PDGREIN*        *  PDGPRPV*
         *  KEY=19  *       *  KEY=20  *       *  KEY=21  *
         * * * * * * * * *  * * * * * * * * *  * * * * * * * * *
```

```
                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)

                     OIL                   GAS
                     ___                   ___

Dataset Name:        T.PDF100              T.PDF101

Record Length:         102                   102

Blocksize:           32,742                32,742
```

II. OIL TAPE INFORMATION

```
*****************************************************************
* PDW700A1                                                      *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*             PRODUCTION ROOT SEGMENT (OIL VERSION)             *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDROOT          RECORD LENGTH:  50 BYTES       *
*---------------------------------------------------------------*
* VARIABLE                      *     TYPE      *   SSA         *
* NAME                          *               *   NAME        *
*---------------------------------------------------------------*
* PDROOT-KEY                    *     KEY       * PDROOTKY      *
*****************************************************************
  01  RAILROAD-COMMISSION-TAPE-REC.                               POS.
      02  RRC-TAPE-RECORD-ID                     PIC X(02).  1
      02  OIL-PRODUCTION-ROOT.
          03  PDROOT-KEY.
              05 PD-OIL-CODE            PIC X(1)    VALUE ZEROS.  3
              05 PD-OIL-DISTRICT        PIC 9(2)    VALUE ZEROS.  4
              05 PD-OIL-LEASE-NBR       PIC 9(06)   VALUE ZEROS.  6
          03  PD-MOVABLE-BALANCE        PIC S9(09)  COMP-3       12
                                                    VALUE ZEROS.
          03  PD-BEGINNING-OIL-STATUS   PIC S9(09)  COMP-3       17
                                                    VALUE ZEROS.
          03  PD-BEGINNING-CSGHD-STATUS PIC S9(09)  COMP-3       22
                                                    VALUE ZEROS.
          03  PD-OIL-OLDEST-EOM-BALANCE PIC S9(09)  COMP-3       27
                                                    VALUE ZEROS.
          03  FILLER                    PIC X(21)   VALUE ZEROS. 32
      02  RRC-TAPE-FILLER                          PIC X(0050). 53
```

```
*****************************************************************
* PDW700A1                                                     *
*                                                              *
*          THIS COPY IS USED FOR THE PRODUCTION DATABASE'S     *
*                  OIL PRODUCTION ROOT SEGMENT                 *
*                                                              *
* SEGMENT NAME: PDROOT                                         *
*****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 01   Root Segment (Oil Version)

PDROOT-KEY

Group item that is the key to the Root Segment (Oil version)
of the Production Database.

PD-OIL-CODE

Code to indicate type of record.
     O   Oil Lease

PD-OIL-DISTRICT

Identifies the RRC district in which the lease is located. There
are fourteen RRC districts. The districts are represented by a
one through fourteen numeric value. The table below indicates the
converted values:

            RRC DISTRICT   RRC DISTRICT
            VALUE   ID   VALUE   ID

             01   -   01   08   -   7B
             02   -   02   09   -   7C
             03   -   03   10   -   08
             04   -   04   11   -   8A
             05   -   05   12   -   8B (not used)
             06   -   06   13   -   09
             07   -   6E (oil only)   14   -   10

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```
----------------
PD-OIL-LEASE-NBR
----------------
RRC-assigned number; unique within district.

------------------
PD-MOVABLE-BALANCE
------------------
Indicates the cumulative net amount of oil in storage which may be
legally moved off the lease.  The amount of oil which is legal is
determined as follows:

     (A)  - The lease is overproduced -

           If the lease production is greater than the lease
           allowable, the lease is considered overproduced (see
           PD-PRESENT-OIL-STATUS).  Until the overproduction
           is made up (goes to zero), the moveable balance will
           be the cumulative net result of the end of month closing
           stock for the most current production report minus
           the cumulative overproduction.  A negative amount
           indicates the lease is in violation of statewide rules.

     (B)  - The lease is not overproduced -

           The moveable balance will be the same figure as the end
           of month closing stock for the most current production
           report.

----------------------
PD-BEGINNING-OIL-STATUS
----------------------
Indicates the lease's cumulative amount of oil overproduction through
the reporting cycle most recently rolled off the database.  This
field will either be zero, signifying the lease was not
overproduced, or will contain the amount of overproduction.

------------------------
PD-BEGINNING-CSGHD-STATUS
------------------------
Indicates the lease's cumulative amount of casinghead gas over-
production through the reporting cycle most recently rolled off the
database.

------------------------
PD-OIL-OLDEST-EOM-BALANCE
------------------------
Indicates the lease's oldest end of month balance.  Taken from the
last cycle which has rolled off the database.
```

```
****************************************************************
* PDW700C1                                                     *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*            REPORTING CYCLE SEGMENT  (OIL VERSION)            *
*                                                              *
*                    SEE DATA NOTE BELOW                       *
*                                                              *
* SEGMENT NAME:  PDORPTCY          RECORD LENGTH: 80 BYTES     *
*--------------------------------------------------------------*
* VARIABLE                        *      TYPE      *   SSA     *
* NAME                            *                *   NAME    *
*--------------------------------------------------------------*
* PD-OIL-RPT-CYCLE-KEY      *   KEY              * PDOCYKY     *
*-------------------------------------------------------------- *
****************************************************************
  01  RAILROAD-COMMISSION-TAPE-REC.                              POS.
      02  RRC-TAPE-RECORD-ID                         PIC X(02).  1
      02  PD-OIL-REPORT-CYCLE-SEG.
          03  PD-OIL-RPT-CYCLE-KEY      PIC 9(04)   VALUE ZEROS.  3
          03  PD-DAILY-OIL-PRORATED-ALLOW  PIC S9(09)  COMP-3     7
                                                     VALUE ZEROS.
          03  PD-DAILY-OIL-EXEMPT-ALLOW    PIC S9(09)  COMP-3    12
                                                     VALUE ZEROS.
          03  PD-DAILY-CSH-PRORATED-ALLOW  PIC S9(09)  COMP-3    17
                                                     VALUE ZEROS.
          03  PD-DAILY-CSH-EXEMPT-ALLOW    PIC S9(09)  COMP-3    22
                                                     VALUE ZEROS.
          03  PD-OIL-ALLOWABLE-CYCLE-BBLS  PIC S9(09)  COMP-3    27
                                                     VALUE ZEROS.
          03  PD-CSH-LIMIT-CYCLE-MCF       PIC S9(09)  COMP-3    32
                                                     VALUE ZEROS.
          03  PD-OIL-ALLOWABLE-EFFECT-DATE.
              05  PD-OIL-ALLOW-EFFECT-YEAR  PIC 9(4)   VALUE ZEROS.  37
              05  PD-OIL-ALLOW-EFFECT-MONTH PIC 9(2)   VALUE ZEROS.  41
              05  PD-OIL-ALLOW-EFFECT-DAY   PIC 9(2)   VALUE ZEROS.  43
          03  PD-OIL-ALLOWABLE-ISSUE-DATE.
              05  PD-OIL-ALLOW-ISSUE-YEAR   PIC 9(4)   VALUE ZEROS.  45
              05  PD-OIL-ALLOW-ISSUE-MONTH  PIC 9(2)   VALUE ZEROS.  49
              05  PD-OIL-ALLOW-ISSUE-DAY    PIC 9(2)   VALUE ZEROS.  51
          03  PD-OIL-ENDING-BALANCE        PIC S9(09)  COMP-3    53
                                                     VALUE ZEROS.
          03  PD-PRESENT-OIL-STATUS        PIC S9(09)  COMP-3    58
                                                     VALUE ZEROS.
          03  PD-PRESENT-CSGHD-STATUS      PIC S9(09)  COMP-3    63
                                                     VALUE ZEROS.
          03  PD-ADJUSTED-OIL-STATUS       PIC S9(09)  COMP-3    68
                                                     VALUE ZEROS.
          03  PD-ADJUSTED-CSGHD-STATUS     PIC S9(09)  COMP-3    73
                                                     VALUE ZEROS.
          03  FILLER                       PIC X(5)   VALUE ZEROS.  78
      02  RRC-TAPE-FILLER                            PIC X(0020). 83
```

```
******************************************************************
* DATA NOTE: PD-DAILY-OIL-PRORATED-ALLOW IS THE TOTAL WELLS'    *
* PRORATED DAILY ALLOWABLES, BEFORE THE PRODUCTION FACTOR HAS   *
* BEEN APPLIED.  THE CYCLE AMOUNT IS CALCULATED AS FOLLOWS:     *
* COMPUTE PD-OIL-ALLOWABLE-CYCLE-BBLS =                         *
*                         (PD-DAILY-OIL-PRORATED-ALLOW          *
*              * FL-OIL-PROD-FACTOR * BW-NUMBER-OF-DAYS-ON-SCHED) *
*                                 +                             *
*      (PD-DAILY-OIL-EXEMPT-ALLOW * BW-NUMBER-OF-DAYS-ON-SCHED) *
*                                                               *
* FL-OIL-PROD-FACTOR IS IN COPY FLW700R1 - THE OILFTROT SEGMENT *
* BW-NUMBER-OF-DAYS-ON-SCHED IS IN COPY BWL001A1 OR BWS001B1    *
******************************************************************
******************************************************************
* PDW700C1                                                      *
*                                                               *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*                 OIL REPORTING CYCLE SEGMENT                   *
*                                                               *
* SEGMENT NAME: PDORPTCY                                        *
******************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 02   Oil Reporting Cycle Segment

PD-OIL-RPT-CYCLE-KEY

This numeric value represents the period of time (in MMYY format)
for which the following information applies.

PD-DAILY-OIL-PRORATED-ALLOW

This data item contains the sum of oil allowable daily amounts for
all prorated wells on the lease.

```
------------------------
PD-DAILY-OIL-EXEMPT-ALLOW
------------------------
```
This data item contains the sum of oil allowable daily amounts for
all exempt wells on the lease.

```
--------------------------
PD-DAILY-CSH-PRORATED-ALLOW
--------------------------
```
This data item contains the sum of casinghead gas limit daily
amounts for all prorated wells on the lease.

```
------------------------
PD-DAILY-CSH-EXEMPT-ALLOW
------------------------
```
This data item contains the sum of casinghead gas limit daily
amounts for all exempt wells on the lease.

```
----------------------------
PD-OIL-ALLOWABLE-CYCLE-BBLS
----------------------------
```
This data item contains the sum of all oil well allowables for all
wells on the lease for the cycle.

```
----------------------
PD-CSH-LIMIT-CYCLE-MCF
----------------------
```
This data item contains the sum of all casinghead gas limits for
all wells on the lease for the cycle.

```
----------------------------
PD-OIL-ALLOWABLE-EFFECT-DATE
----------------------------
```
Effective date of the oil allowable (the century, year, month, and
day that the daily oil allowable is effective).

```
----------------------------
PD-OIL-ALLOWABLE-ISSUE-DATE
----------------------------
```
Issue date of the oil allowable (the century, year, month, and
day that the daily oil allowable is issued).

```
--------------------
PD-OIL-ENDING-BALANCE
--------------------
```
Amount of oil in storage on the lease at the end of the month
as reported by the operator on a production report.
```
--------------------
PD-PRESENT-OIL-STATUS
--------------------
```
This data item contains the lease's cumulative amount of oil
overproduction through the last reported production.

```
----------------------
PD-PRESENT-CSGHD-STATUS
----------------------
```
This data item contains the lease's cumulative amount of casing-
head gas overproduction through the last reported production.

```
----------------------
PD-ADJUSTED-OIL-STATUS
----------------------
```
This data item contains the amount of lease oil overproduction
that is being adjusted up or down. A positive number indicates
an increase in the total cumulative oil overproduction, and a
negative number indicates a decrease in the total cumulative oil
overproduction.

```
------------------------
PD-ADJUSTED-CSGHD-STATUS
------------------------
```
This data item contains the amount of lease casinghead gas
overproduction that is being adjusted up or down. A positive
number indicates an increase in the total cumulative casinghead
gas overproduction, and a negative number indicates a decrease in
the total cumulative casinghead gas overproduction.

```
****************************************************************
* PDW700D3                                                     *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S      *
*               OIL PRODUCTION SEGMENT (OIL VERSION)           *
*                                                              *
*                                                              *
* SEGMENT NAME:  PDOPROD          RECORD LENGTH:  38 BYTES     *
*--------------------------------------------------------------*
* VARIABLE                      *      TYPE      *   SSA        *
* NAME                          *                *   NAME       *
*--------------------------------------------------------------*
* NO KEY                        *                *              *
****************************************************************
   01  RAILROAD-COMMISSION-TAPE-REC.                            POS.
       02  RRC-TAPE-RECORD-ID                   PIC X(02).  1
       02  PD-OIL-PRODUCTION-SEG.
           03  PD-OIL-CORRECTED-REPORT-FLAG  PIC  X(01)  VALUE 'N'.    3
               88  OIL-CORRECTED-REPORT                 VALUE 'Y'.
           03  FILLER                        PIC  X(03)  VALUE ZEROS.  4
           03  PD-OIL-PRODUCTION-AMOUNT      PIC S9(09)  COMP-3        7
                                                         VALUE ZEROS.
           03  PD-OIL-CASINGHEAD-GAS-AMOUNT  PIC S9(09)  COMP-3       12
                                                         VALUE ZEROS.
           03  PD-OIL-CASINGHEAD-GAS-LIFT    PIC S9(09)  COMP-3       17
                                                         VALUE ZEROS.
           03  PD-OIL-BATCH-NUMBER           PIC  X(03)  VALUE ZEROS. 22
           03  PD-OIL-ITEM-NUMBER            PIC  9(04)  VALUE ZEROS. 25
           03  PD-OIL-POSTING-DATE.
               05  PD-OIL-POSTING-YEAR       PIC  9(04)  VALUE ZEROS. 29
               05  PD-OIL-POSTING-MONTH      PIC  9(02)  VALUE ZEROS. 33
               05  PD-OIL-POSTING-DAY        PIC  9(02)  VALUE ZEROS. 35
           03  PD-OIL-FILED-BY-EDI-FLAG      PIC  X(01)  VALUE SPACE. 37
               88  PD-OIL-FILED-BY-EDI                  VALUE 'Y'.
           03  FILLER                        PIC  X(03)  VALUE ZEROS. 38
       02  RRC-TAPE-FILLER                            PIC X(0062).  41
```

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```
*******************************************************************
* PDW700D1                                                        *
*                                                                 *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S          *
*                   OIL PRODUCTION SEGMENT                        *
*                                                                 *
* SEGMENT NAME: PDOPROD                                           *
*******************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 03   Production Segment

PD-OIL-CORRECTED-REPORT-FLAG

This data item indicates whether or not the report was an original
or a corrected report.

    N   Original Report
    Y   Corrected Report

PD-OIL-PRODUCTION-AMOUNT

This data item contains the barrels of oil produced from an oil
lease as reported by the operator on a production report.

PD-OIL-CASINGHEAD-GAS-AMOUNT

This data item contains the MCF of casinghead gas produced from an
oil lease as reported by the operator on a production report.

PD-OIL-CASINGHEAD-GAS-LIFT

This data item contains the amount of gas lift gas injected into
an oil lease. The practice of injecting produced gas into the
bottom of the well is called gas lift. Since the injected gas
will be "re-produced" along with the oil being produced from the
well, the amount of injected gas is subtracted from total
produced gas for an accurate gas production figure. The disposition
amount will therefore be equal to the gas produced plus the gas
lift injected.

```
-------------------
PD-OIL-BATCH-NUMBER
-------------------
This data item identifies a unique set of production reports in
which the oil lease's production report can be found.  This is
for RRC internal use only.

------------------
PD-OIL-ITEM-NUMBER
------------------
This data item identifies the order in which production reports in
a batch are posted to the database.  This is for RRC internal use
only.

------------------
PD-OIL-POSTING-DATE
------------------
This data item identifies the date a production report was posted
to the database for the oil lease.  Format is YYYYMMDD where
YYYY=CENTURY, YEAR; MM=MONTH; DD=DAY.

------------------
PD-OIL-FILED-BY-EDI
------------------
This data item identifies whether or not the forms were filed
electronically  or not.

     Y = Yes electronically filed
     N = No not electronically filed
```

```
*****************************************************************
* PDW700V1                                                      *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*         OIL PRODUCTION REPORT DISCREPANCY REMOVAL FLAGS       *
*                      (NON-RECURRING)                          *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDORMVDS         RECORD LENGTH:  20 BYTES      *
*---------------------------------------------------------------*
* VARIABLE                  *      TYPE        *  SSA           *
* NAME                      *                  *  NAME          *
*---------------------------------------------------------------*
* NO KEY                    *                  *                *
*****************************************************************
  01  RAILROAD-COMMISSION-TAPE-REC.                         POS.
      02  RRC-TAPE-RECORD-ID                      PIC X(02). 1
      02  PD-OIL-DISCREP-REMOVAL-SEGMENT.
          03  PD-O-REMOVED-CODE-6-DISCREP   PIC X(01)  VALUE 'N'.   3
          03  PD-O-REMOVED-R-3-DISCREP      PIC X(01)  VALUE 'N'.   4
          03  PD-O-REMOVED-NET-OIL-DISCREP  PIC X(01)  VALUE 'N'.   5
          03  PD-O-REMOVED-LSE-SEV-DISCREP  PIC X(01)  VALUE 'N'.   6
          03  PD-O-REMOVED-OTHER-DISCREP    PIC X(01)  VALUE 'N'.   7
          03  PD-O-REMOVED-LOST-OIL-DISCREP PIC X(01)  VALUE 'N'.   8
          03  PD-O-REMOVED-CIRC-OIL-DISCREP PIC X(01)  VALUE 'N'.   9
          03  PD-O-REMOVED-PRD-INACT-DISCREP PIC X(01) VALUE 'N'.   10
          03  PD-O-REMOVED-FILE-COMM-DISCREP PIC X(01) VALUE 'N'.   11
          03  FILLER                        PIC X(11)  VALUE ZEROS. 12
      02  RRC-TAPE-FILLER                           PIC X(0080). 23
```

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```
*****************************************************************
* PDW700V1                                                      *
*                                                               *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*        OIL PRODUCTION REPORT DISCREPANCY REMOVAL SEGMENT      *
*                                                               *
* SEGMENT NAME: PDORMVDS                                        *
*****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 04   Disposition & Stock Adjustment Segment

PD-O-REMOVED-CODE-6-DISCREP

This data item indicates whether or not the 'CODE 6' discrepancy
has been removed by the production clerk. This is done online
and is only effective for this cycle of production.
     N   No action taken
     Y   Has been removed

PD-O-REMOVED-R-3-DISCREP

This data item indicates whether or not the 'R-3' discrepancy
has been removed by the production clerk. This is done online
and is only effective for this cycle of production.
     N   No action taken
     Y   Has been removed

PD-O-REMOVED-NET-OIL-DISCREP

This data item indicates whether or not the 'NET OIL'
discrepancy has been removed by the production clerk. This is
done online and is only effective for this cycle of production.
     N   No action taken
     Y   Has been removed

```
----------------------------
PD-O-REMOVED-LSE-SEV-DISCREP
----------------------------
```
This data item indicates whether or not the 'LEASE SEVERED'
discrepancy has been removed by the production clerk. This is
done online and is only effective for this cycle of production.

    N   No action taken
    Y   Has been removed

```
--------------------------
PD-O-REMOVED-OTHER-DISCREP
--------------------------
```
This data item indicates whether or not the 'OTHER' discrepancy
has been removed by the production clerk. This is done online and
is only effective for this cycle of production.

    N   No action taken
    Y   Has been removed

```
-----------------------------
PD-O-REMOVED-LOST-OIL-DISCREP
-----------------------------
```
This data item indicates whether or not the 'LOST OIL' discrepancy
has been removed by the production clerk. This is done online and
is only effective for this cycle of production.

    N   No action taken
    Y   Has been removed

```
-----------------------------
PD-O-REMOVED-CIRC-OIL-DISCREP
-----------------------------
```
This data item indicates whether or not the 'CIRC OIL' discrepancy
has been removed by the production clerk. This is done online and
is only effective for this cycle of production.

    N   No action taken
    Y   Has been removed

```
------------------------------
PD-O-REMOVED-PRD-INACT-DISCREP
------------------------------
```
This data item indicates whether or not the 'PROD ON INACTIVE
LEASE' discrepancy has been removed by the production clerk.
This is done online and is only effective for this cycle of
production.

     N   No action taken
     Y   Has been removed

```
------------------------------
PD-O-REMOVED-FILE-COMM-DISCREP
------------------------------
```
This data item indicates whether or not the 'LEASE SHOULD FILE
COMMINGLE' discrepancy has been removed by the production clerk.
This is done online and is only effective for this cycle of
production.

     N   No action taken
     Y   Has been removed

```
*****************************************************************
* PDW700E1                                                      *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*          OIL DISPOSITION AND STOCK ADJUSTMENT SEGMENT         *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDODSP          RECORD LENGTH:  7 BYTES         *
*---------------------------------------------------------------*
* VARIABLE                      *      TYPE      *   SSA         *
* NAME                          *                *   NAME        *
*---------------------------------------------------------------*
* PD-OIL-DISPOSITION-CODE   *   KEY           *  PDODSPKY    *
*--------------------------------------------------------------- *
*  NOTE:                                                        *
*    STOCK ADJUSTMENT MAY BE A NEGATIVE AMOUNT.                 *
*    SEE PROD.DATADICT.                                         *
*****************************************************************
 01  RAILROAD-COMMISSION-TAPE-REC.                              POS.
     02  RRC-TAPE-RECORD-ID                       PIC X(02). 1
     02  PD-OIL-DISPOSITION-SEG.
         03  PD-OIL-DISPOSITION-CODE    PIC 9(02)   VALUE ZEROS.  3
             88  PD-OIL-DISP-PIPELINE              VALUE ZERO.
             88  PD-OIL-DISP-TRUCK                 VALUE 1.
             88  PD-OIL-DISP-TANK-OR-BARGE         VALUE 2.
             88  PD-OIL-DISP-TANK-CLEANING-NET     VALUE 3.
             88  PD-OIL-DISP-CIRCULATING-OIL       VALUE 4.
             88  PD-OIL-DISP-LOST                  VALUE 5.
             88  PD-OIL-DISP-TANK-CLEANING-BSW     VALUE 6.
             88  PD-OIL-DISP-OTHER                 VALUE 7.
             88  PD-OIL-DISP-SKIM-OIL              VALUE 8.
             88  PD-OIL-DISP-SCRUBBER-OIL          VALUE 9.
             88  PD-OIL-STOCK-ADJUSTMENT           VALUE 10.
             88  PD-OIL-CMG-STOCK-ADJUSTMENT       VALUE 11.
             88  PD-OIL-DISP-NO-CODE               VALUE 99.
         03  PD-OIL-DISPOSITION-AMOUNT    PIC S9(09) COMP-3      5
                                                     VALUE ZEROS.
     02  RRC-TAPE-FILLER                           PIC X(0093). 10
```

```
******************************************************************
* PDW700E1                                                       *
*                                                                *
*     THIS COPY IS USED FOR THE PRODUCTION DATABASE'S            *
*     OIL DISPOSITION AND STOCK ADJUSTMENT SEGMENT               *
*                                                                *
* SEGMENT NAME:  PDODSP                                          *
******************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 05   Disposition & Stock Adjustment Segment

PD-OIL-DISPOSITION-CODE

This data item is a code used as an audit device. It serves to
identify in detail how oil production is disposed of.   These codes
and their associated volumes are used as a tracking mechanism.

    0   Pipeline (PD-OIL-DISP-PIPELINE)
         The direct removal of oil by an authorized pipeline
         gatherer. The volume is compared to that shown by the
         transporter on Form T-1, Page 2.

    1   Truck (PD-OIL-DISP-TRUCK)
         The direct removal of oil by an authorized truck
         gatherer. The volume is compared to that shown by the
         transporter on Form T-1, Page 2.

    2   Tank Car or Barge (PD-OIL-DISP-TANK-OR-BARGE)
         The direct removal of oil by an authorized tank car or
         barge gatherer. The volume is compared to that shown
         by the transporter on Form T-1, Page 2.

    3   Oil Tank Cleaning (PD-OIL-DISP-TANK-CLEANING-NET)
         An adjustment to and/or lease use of production
         already measured by the operator. Specifically, net
         oil is a volume that results from a tank cleaning.
         The volume is compared to that shown by the
         authorized cleaner on Form P-9.

                          II.17

4   Circulating Oil (PD-OIL-DISP-CIRCULATING-OIL)
    Original movement off the lease. The operator of the
    well has measured and released the stated volume to the
    operator of another well for use as frac liquid on the
    second lease. The operator of the first well must also
    file an explanatory letter.

5   Lost (PD-OIL-DISP-LOST)
    Any loss of liquid hydrocarbons due to a spill. When
    there is a spill of any volume with a resulting loss
    of 5 or more barrels of oil, or when the spill affects
    a body of water, a Form H-8 must also be filed. This
    is oil which has already been measured as production
    by the producing operator and so will only be shown as
    a disposition.

6   Sedimentation (PD-OIL-DISP-TANK-CLEANING-BSW)
    It indicates an adjustment to and/or lease use of
    production already measured by the well operator.
    Specifically, BS&W (basic sediment and water) is a
    volume that results from a tank cleaning. The volume
    is compared to that shown by the authorized cleaner on
    Form P-9.

7   Other (PD-OIL-DISP-OTHER)
    A catch-all involving stock adjustments, water
    bleed-off, lease use, road oil, and theft. The
    material has already been measured as production by the
    producing operator and so will only be shown as a
    disposition; therefore, there is no allocation back to
    the lease.

8   Skim Oil (PD-OIL-DISP-SKIM-OIL)
    Accounts for indirect disposition of production as
    measured by others (i.e., by allocation). It relates
    to production that has not been measured by the
    producer because it left the lease entrained in
    saltwater going to a saltwater gathering system. Since
    there is no way of knowing what volume of liquid
    hydrocarbons came from a particular producing property,
    liquid hydrocarbons above a specified tolerance level
    are allocated back to producing properties in
    proportion to the amount of saltwater that came from
    that property. The volume is compared to that shown on
    Form P-18.

9   Scrubber Oil (PD-OIL-DISP-SCRUBBER-OIL)
    Accounts for indirect disposition of production as
    measured by others (i.e., by allocation). It relates
    to production that has not been measured by the
    producer because it left the lease entrained in
    casinghead gas going to a gas processing plant. Since
    there is no way of knowing what volume of liquid
    hydrocarbons came from a particular producing property,
    liquid hydrocarbons above a specified tolerance level
    are allocated back to producing properties in
    proportion to the amount of casinghead gas that came
    from that property. The volume is compared to that
    shown on Form R-3.

10 Stock Adjustment (PD-OIL-STOCK-ADJUSTMENT)
    Code used by A.D.P. only to adjust stock on hand.
    Because of the formula used to calculate stock on hand
    each month, a negative amount in PD-OIL-DISP-AMT
    indicates adding stock on hand to the oil lease, while
    a positive amount indicates subtracting stock on hand.
    This code is commonly used for lease consolidations,
    subdivisions, etc.

99 No Code (PD-OIL-DISP-NO-CODE)
    Indicates that an amount was reported without a
    disposition code.

PD-OIL-DISPOSITION-AMT

This numeric amount has a positive value and represents the number
of barrels of oil disposed of in the above manner, except for Code
10 amounts which may be negative (see above).

```
*****************************************************************
* PDW700F1                                                      *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*              OIL CASINGHEAD DISPOSITION SEGMENT               *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDOCSHDS        RECORD LENGTH:  7 BYTES        *
*---------------------------------------------------------------*
* VARIABLE                      *      TYPE       *   SSA        *
* NAME                          *                 *   NAME       *
*---------------------------------------------------------------*
* PD-CSH-DISPOSITION-CODE   *   KEY           *  PDOCSHKY    *
*****************************************************************
  01  RAILROAD-COMMISSION-TAPE-REC.                              POS.
      02  RRC-TAPE-RECORD-ID                        PIC X(02). 1
      02  PD-CSH-DISPOSITION-SEG.
          03  PD-CSH-DISPOSITION-CODE      PIC 9(02)   VALUE ZEROS.  3
              88  PD-CSH-DISP-LEASE-FUEL-SYSTEM        VALUE 1.
              88  PD-CSH-DISP-TRANSMISSION-LINE        VALUE 2.
              88  PD-CSH-DISP-PROCESSING-PLANT         VALUE 3.
              88  PD-CSH-DISP-VENTED-OR-FLARED         VALUE 4.
              88  PD-CSH-DISP-GAS-LIFT                 VALUE 5.
              88  PD-CSH-DISP-REPRESSURE               VALUE 6.
              88  PD-CSH-DISP-CARBON-BLACK             VALUE 7.
              88  PD-CSH-DISP-UNDERGRND-STORAGE        VALUE 8.
              88  PD-CSH-DISP-NO-CODE                  VALUE 99.
          03  PD-CSH-DISPOSITION-AMOUNT    PIC S9(09)  COMP-3      5
                                                       VALUE ZEROS.
      02  RRC-TAPE-FILLER                            PIC X(0093). 10
```

```
****************************************************************
* PDW700F1                                                    *
*                                                             *
*       THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*            OIL CASINGHEAD GAS DISPOSITION SEGMENT           *
*                                                             *
* SEGMENT NAME: PDOCSHDS                                       *
****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 06   Casinghead Disposition Segment

PD-CSH-DISPOSITION-CODE

This data item is an audit device, serving to identify in detail
how casinghead gas production is disposed of. These codes and their
associated volumes are used as a tracking mechanism.

    1   Lease and Field Fuel Systems (PD-CSH-DISP-LS-FUEL)
             It indicates casinghead gas used, sold, or given to
             others for field operations, lease drilling fuel,
             compressor fuel, etc.

    2   Transmission Line (PD-CSH-DISP-TRANSMISSION-LINE)
             It indicates casinghead gas used for
             industrial purposes, irrigation or refinery fuel, etc.,
             as well as gas delivered to transmission lines.

    3   Processing Plant (PD-CSH-DISP-PROCESSING-PLANT)
             It indicates casinghead gas delivered to a gas
             processing plant or facility, as reported on Form R-3.

    4   Vented or Flared (PD-CSH-DISP-VENTED-OR-FLARED)
             It indicates the lease volume of casinghead gas vented
             or flared.

    5   Gas Lift (PD-CSH-DISP-GAS-LIFT)
             It indicates the volume of gas used, given, or sold for
             gas lift. It does not include gas delivered to pressure
             maintenance or processing plants, even though the gas
             may be utilized for gas lift.

6   Repressure & Pressure Maint. (PD-CSH-DISP-REPRESSURE)
     It indicates the gas delivered to a system that does not
     extract hydrocarbon liquids. A pressure maintenance
     plant or system that recovers liquid hydrocarbons
     reports as a gas processing plant on Form R-3.

7   Carbon Black (PD-CSH-DISP-CARBON-BLACK)
     It indicates only the gas delivered to a gas carbon
     black plant.

8   Underground Storage (PD-CSH-DISP-UNDERGRND-STORAGE)
     It indicates only the volume of gas actually delivered
     into the storage reservoir.

99 No Code (PD-CSH-DISP-NO-CODE)
     It indicates that an amount was reported without a
     disposition code.

PD-CSH-DISPOSITION-AMOUNT

This data item contains the MCF of casinghead gas distributed, as
indicated by its corresponding casinghead gas disposition code.

```
*****************************************************************
* PDW700J3                                                     *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*               OIL PREVIOUS PROD RPT SEGMENT                  *
*                                                              *
*                                                              *
* SEGMENT NAME:  PDOPRPV          RECORD LENGTH:  20 BYTES     *
*-------------------------------------------------------------*
* VARIABLE                      *      TYPE       *  SSA       *
* NAME                          *                 *  NAME      *
*-------------------------------------------------------------*
* NO KEY                        *                 *            *
*****************************************************************
 01  RAILROAD-COMMISSION-TAPE-REC.                          POS.
     02  RRC-TAPE-RECORD-ID                      PIC X(02). 1
     02  PD-OIL-PREV-PROD-RPT-SEG.
         03  PD-OIL-PREV-POSTING-DATE.
             05  PD-OIL-PREV-POSTING-YEAR    PIC 9(04)   VALUE ZEROS.3
             05  PD-OIL-PREV-POSTING-MONTH   PIC 9(02)   VALUE ZEROS.7
             05  PD-OIL-PREV-POSTING-DAY     PIC 9(02)   VALUE ZEROS.9
         03  PD-OIL-PREV-BATCH-NUMBER        PIC X(03)   VALUE ZEROS.11
         03  PD-OIL-PREV-ITEM-NUMBER         PIC 9(04)   VALUE ZEROS.14
         03  PD-OIL-PREV-CHANGED-FLAG        PIC X(01)   VALUE SPACE.18
             88  PD-OIL-PREV-CHANGED                     VALUE 'C'.
         03  PD-OIL-PREV-FILED-BY-EDI-FLAG   PIC X(01)   VALUE SPACE.19
             88  PD-OIL-PREV-FILED-BY-EDI                VALUE 'Y'.
         03  FILLER                          PIC X(03)   VALUE SPACE.20
     02  RRC-TAPE-FILLER                             PIC X(0084). 19
```

```
    ***************************************************************
    *  PDW700J1                                                   *
    *                                                             *
    *          THIS COPY IS USED FOR THE PRODUCTION DATABASE'S    *
    *                 OIL PREVIOUS PROD RPT SEGMENT               *
    *                                                             *
    *  SEGMENT NAME:  PDOPRPV                                     *
    ***************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 07   Previous Production Report Segemnt

 PD-OIL-PREV-POSTING-DATE

 This data item represents the date that the production report was
 posted to the database for the oil lease, the format is
 YYYY/MM/DD.

 PD-OIL-PREV-BATCH-NUMBER

 This is a number assigned by RRC to identify a batch of production
 reports which were keyed by data entry personnel. This batch
 number is for RRC internal use only.

 PD-OIL-PREV-ITEM-NUMBER

 This data item identifies the order in which production reports in
 a batch are posted to the database. This is for RRC internal use
 only.

 PD-OIL-PREV-FILED-BY-EDI

This data item identifies whether or not the forms were previously
filed electronically or not.

     Y = Yes electronically filed
     N = No not electronically filed

```
****************************************************************
* PDW700G1                                                    *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S      *
*                OIL COMMINGLE PERMIT SEGMENT                 *
*                                                            *
*                                                            *
* SEGMENT NAME:  PDOCMPMT          RECORD LENGTH: 20 BYTES    *
*------------------------------------------------------------*
* VARIABLE                    *    TYPE        *   SSA        *
* NAME                        *                *   NAME       *
*------------------------------------------------------------*
*PD-OIL-COMMINGLE-PERMIT-NUMBER *   KEY         * PDOCMPKY      *
****************************************************************
  01  RAILROAD-COMMISSION-TAPE-REC.                          POS.
     02  RRC-TAPE-RECORD-ID                    PIC X(02). 1
     02  PD-OIL-COMMINGLE-PERMIT-SEG.
        03  PD-OIL-COMMINGLE-PERMIT-NUMBER.
           05  PD-OIL-COMMINGLE-DISTRICT   PIC 9(02)  VALUE ZEROS. 3
           05  PD-OIL-COMMINGLE-NUMBER     PIC 9(05)  VALUE ZEROS. 5
        03  PD-OIL-COMMINGLE-END-BALANCE    PIC S9(09) COMP-3     10
                                                       VALUE ZEROS.
        03  FILLER                          PIC X(08)  VALUE ZEROS. 15
     02  RRC-TAPE-FILLER                            PIC X(0080). 23
```

```
****************************************************************
* PDW700G1                                                     *
*                                                              *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*              COMMINGLED OIL PRODUCTION SEGMENT               *
*                                                              *
* SEGMENT NAME: PDOCMPMT                                       *
****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 08   Commingle Permit Segment

PD-OIL-COMMINGLE-PERMIT-NUMBER

Group data item used as key includes PD-OIL-COMMINGLE-DISTRICT and
PD-OIL-COMMINGLE-NUMBER. (NOTE: This data item is referred to as
a "Commingle Permit Number" although some permit numbers
technically are not for "Commingling." See PD-OIL-COMMINGLE-
NUMBER for these numbers used as codes.

PD-OIL-COMMINGLE-DISTRICT

This data item indicates the primary district of the permit.

PD-OIL-COMMINGLE-NUMBER

This data item is the Commingle Permit Number assigned to the Oil
Lease or RRC Gas ID Number.

    9999   Leases required to file special

PD-OIL-COMMINGLE-ENDING-BALANCE

This data item is the ending balance of the oil stock on hand for
an individual oil lease (or group of wells if the lease is
involved in split commingling) on a Commingle Permit Number.

```
***************************************************************
* PDW700H2                                                    *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S     *
*              OIL COMMINGLED PRODUCTION SEGMENT              *
*                                                             *
*                                                             *
* SEGMENT NAME:  PDOCMPRD        RECORD LENGTH:  38 BYTES     *
*-------------------------------------------------------------*
* VARIABLE                      *      TYPE      *   SSA       *
* NAME                          *                *   NAME      *
*-------------------------------------------------------------*
* NO KEY                        *                *             *
***************************************************************
  01   RAILROAD-COMMISSION-TAPE-REC.                              POS.
     02  RRC-TAPE-RECORD-ID                          PIC X(02). 1
     02  PD-OIL-COMM-PRODUCTION-SEG.
         03  PD-OIL-COMM-PRODUCTION-AMOUNT   PIC S9(09) COMP-3    3
                                                     VALUE ZEROS.
         03  PD-OLCO-REMOVED-CM-INACTV-DISC  PIC X(01)  VALUE 'N'. 8
         03  PD-OLCO-REMOVED-NOT-SPEC-DISC   PIC X(01)  VALUE 'N'. 9
         03  PD-OLCO-REMOVED-OUT-OF-BALANCE  PIC X(01)  VALUE 'N'. 10
         03  FILLER                          PIC X(06)  VALUE ZEROS. 11
         03  PD-OIL-CM-FILED-BY-EDI-FLG      PIC X(01)  VALUE 'N'. 37
             88  OIL-CM-FILED-BY-EDI                    VALUE 'Y'.
         03  PD-OIL-COMM-BATCH-NUMBER        PIC X(03)  VALUE ZEROS. 18
         03  PD-OIL-COMM-ITEM-NUMBER         PIC 9(04)  VALUE ZEROS. 21
         03  PD-OIL-COMM-POSTING-DATE.
             05   PD-OIL-COMM-POSTING-YEAR   PIC 9(04)  VALUE ZEROS. 25
             05   PD-OIL-COMM-POSTING-MONTH  PIC 9(02)  VALUE ZEROS. 29
             05   PD-OIL-COMM-POSTING-DAY    PIC 9(02)  VALUE ZEROS. 31
         03  PD-OLCO-REMOVED-LSE-SEV-DISC    PIC X(01)  VALUE 'N'. 33
         03  PD-OLCO-REMOVED-OTHER-DISC      PIC X(01)  VALUE 'N'. 34
         03  PD-OLCO-REMOVED-LOST-OIL-DISC   PIC X(01)  VALUE 'N'. 35
         03  PD-OLCO-REMOVED-CIRC-OIL-DISC   PIC X(01)  VALUE 'N'. 36
         03  PD-OIL-CM-CORRECTED-RPT-FLAG    PIC X(01)  VALUE 'N'. 37
             88  OIL-CM-CORRECTED-RPT                   VALUE 'Y'.
         03  PD-OLCO-REMOVED-CODE-6-DISC     PIC X(01)  VALUE 'N'. 38
         03  PD-OLCO-REMOVED-R-3-DISC        PIC X(01)  VALUE 'N'. 39
         03  PD-OLCO-REMOVED-NET-OIL-DISC    PIC X(01)  VALUE 'N'. 40
     02  RRC-TAPE-FILLER                             PIC X(0062). 41
```

```
****************************************************************
* PDW700H1                                                     *
*                                                              *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*              COMMINGLED OIL PRODUCTION SEGMENT               *
*                                                              *
* SEGMENT NAME: PDOCMPRD                                       *
****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 09   Commingle Production Segment

PD-OIL-COMM-PRODUCTION-AMOUNT

This data item indicates the barrels of oil produced by the oil
lease into the commingle facility.

PD-OLCO-REMOVED-CM-INACTV-DISC

This data item indicates whether or not the 'PERMIT INVALID'
discrepancy for this lease/commingle permit combination has been
removed by the production clerk. This is done online and is only
effective for this cycle of production.
     N   No action taken
     Y   Has been removed

PD-OLCO-REMOVED-NOT-SPEC-DISC

This data item indicates whether or not the 'NOT SPEC' discrepancy
for this lease/commingle permit combination has been removed by
the production clerk. This is done online and is only effective
for this cycle of production.
     N   No action taken
     Y   Has been removed

PD-OLCO-REMOVED-OUT-OF-BALANCE

This data item indicates whether or not the 'OIL OUT OF BALANCE'
discrepancy for this lease/commingle permit combination has been
removed by the production clerk. This is done online and is only
effective for this cycle of production.
     N   No action taken

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```
     Y   Has been removed

     -----------------------
     PD-OIL-COMM-BATCH-NUMBER
     -----------------------
     This data item identifies a unique set of production reports in
     which the production report of the oil lease on the commingle
     permit can be found.  This is for RRC internal use only.
```

```
------------------------
PD-OIL-COMM-ITEM-NUMBER
------------------------
This data item identifies the order in which production reports in
a batch are posted to the database for the oil lease on a
commingle permit.


------------------------
PD-OIL-COMM-POSTING-DATE
------------------------
This data item identifies the date a production report for the
commingle permit was posted to the database for the oil lease,
format is YYYY/MM/DD


---------------------------
PD-OLCO-REMOVED-LSE-SEV-DISC
---------------------------
This data item indicates whether or not the 'LEASE SEVERED'
discrepancy for this lease/commingle permit combination has been
removed by the production clerk.  This is done online and is only
effective for this cycle of production.
     N   No action taken
     Y   Has been removed


--------------------------
PD-OLCO-REMOVED-OTHER-DISC
--------------------------
This data item indicates whether or not the 'OTHER' discrepancy
for this lease/commingle permit combination has been removed by
the production clerk.  This is done online and is only effective
for this cycle of production.
     N   No action taken
     Y   Has been removed


-----------------------------
PD-OLCO-REMOVED-LOST-OIL-DISC
-----------------------------
This data item indicates whether or not the 'LOST OIL' discrepancy
for this lease/commingle permit combination has been removed by
the production clerk.  This is done online and is only effective
for this cycle of production.
     N   No action taken
     Y   Has been removed
```

```
------------------------------
PD-OLCO-REMOVED-CIRC-OIL-DISC
------------------------------
This data item indicates whether or not the 'CIRC OIL' discrepancy
for this lease/commingle permit combination has been removed by
the production clerk.  This is done online and is only effective
for this cycle of production.
     N   No action taken
     Y   Has been removed


------------------------------
PD-OIL-CM-CORRECTED-RPT-FLAG
------------------------------
This data item indicates whether or not the report was an original
or a corrected report.
     N   Orginal report
     Y   Corrected report


------------------------------
PD-OLCO-REMOVED-CODE-6-DISC
------------------------------
This data item indicates whether or not the 'CODE-6' discrepancy
for this lease/commingle permit combination has been removed by
the production clerk.  This is done online and is only effective
for this cycle of production.
     N   No action taken
     Y   Has been removed


------------------------------
PD-OLCO-REMOVED-R-3-DISC
------------------------------
This data item indicates whether or not the 'R-3' discrepancy
for this lease/commingle permit combination has been removed by
the production clerk.  This is done online and is only effective
for this cycle of production.
     N   No action taken
     Y   Has been removed


------------------------------
PD-OLCO-REMOVED-NET-OIL-DISC
------------------------------
This data item indicates whether or not the 'NET-OIL' discrepancy
for this lease/commingle permit combination has been removed by
the production clerk.  This is done online and is only effective
for this cycle of production.
     N   No action taken
     Y   Has been removed
```

```
*****************************************************************
* PDW700I1                                                      *
*          THIS COPY IS USED FOR THE PRODUCTION DATABASE'S      *
*                  OIL COMMINGLED OIL DISPOSITION               *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDOCMODS        RECORD LENGTH:  7 BYTES        *
*---------------------------------------------------------------*
* VARIABLE                       *    TYPE       *    SSA       *
* NAME                           *               *    NAME      *
*---------------------------------------------------------------*
* PD-OIL-OLCO-DISPOSITION-CODE   *    KEY        * PDOCMOKY     *
*****************************************************************
   01   RAILROAD-COMMISSION-TAPE-REC.                          POS.
        02   RRC-TAPE-RECORD-ID                    PIC X(02). 1
        02   PD-OIL-OLCO-DISPOSITION-SEG.
             03   PD-OIL-OLCO-DISPOSITION-CODE   PIC 9(02)  VALUE ZEROS.   3
                  88   PD-OLCO-DISP-PIPELINE                 VALUE ZERO.
                  88   PD-OLCO-DISP-TRUCK                    VALUE 1.
                  88   PD-OLCO-DISP-TANK-OR-BARGE            VALUE 2.
                  88   PD-OLCO-DISP-TANK-CLEANING-NET        VALUE 3.
                  88   PD-OLCO-DISP-CIRCULATING-OIL          VALUE 4.
                  88   PD-OLCO-DISP-LOST                     VALUE 5.
                  88   PD-OLCO-DISP-TANK-CLEANING-BSW        VALUE 6.
                  88   PD-OLCO-DISP-OTHER                    VALUE 7.
                  88   PD-OLCO-DISP-SKIM-OIL                 VALUE 8.
                  88   PD-OLCO-DISP-SCRUBBER-OIL             VALUE 9.
                  88   PD-OLCO-STOCK-ADJUSTMENT              VALUE 10.
                  88   PD-OLCO-CMG-STOCK-ADJUSTMENT          VALUE 11.
                  88   PD-OLCO-DISP-NO-CODE                  VALUE 99.
             03   PD-OIL-OLCO-DISPOSITION-AMOUNT PIC S9(09) COMP-3         5
                                                          VALUE ZEROS.
        02   RRC-TAPE-FILLER                       PIC X(0093). 10
```

```
*******************************************************************
* PDW700I1                                                        *
*                                                                 *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S         *
*                 OIL COMMINGLED OIL DISPOSITION                  *
*                                                                 *
* SEGMENT NAME: PDOCMODS                                          *
*******************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 10   Commingle Oil Disposition Segment

PD-OIL-OLCO-DISPOSITION-SEG:

This copy is used as layout for the Commingled Oil Disposition
Segment.

PRIMARY KEY = PD-OIL-OLCO-DISPOSITION-CODE

PD-OIL-OLCO-DISPOSITION-CODE

This data item is an audit device, serving to identify in detail
how commingled production is disposed of. These codes and their
associated volumes are used as a tracking mechanism.

     0   Pipeline (PD-OLCO-DISP-PIPELINE)
          The direct removal of oil by an authorized pipeline
          gatherer. The volume is compared to that shown by the
          transporter on Form T-1.

     1   Truck (PD-OLCO-DISP-TRUCK)
          The direct removal of oil by an authorized truck
          gatherer. The volume is compared to that shown by the
          transporter on Form T-1.

     2   Tank Car or Barge (PD-OLCO-DISP-TANK-OR-BARGE)
          The direct removal of oil by an authorized tank car or
          barge gatherer. The volume is compared to that shown
          by the transporter on Form T-1.

3   Oil Tank Cleaning (PD-OLCO-DISP-TANK-CLEANING-NET)
    An adjustment to and/or lease use of production
    already measured by the operator. Specifically, net
    oil is a volume that results from a tank cleaning.
    The volume is compared to that shown by the
    authorized cleaner on Form P-9.

4   Circulating Oil (PD-OLCO-DISP-CIRCULATING-OIL)
    Original movement off the lease. The operator of the
    well has measured and released the stated volume to the
    operator of another well for use as frac liquid on the
    second lease. The operator of the first well must also
    file an explanatory letter.

5   Lost (PD-OLCO-DISP-LOST)
    Any loss of liquid hydrocarbons due to a spill. When
    there is a spill of any volume with a resulting loss
    of 5 or more barrels of oil, or when the spill affects
    a body of water, a Form H-8 must also be filed. This
    is oil which has already been measured as production
    by the producing operator and so will only be shown as
    a disposition.

6   Sedimentation (PD-OLCO-DISP-TANK-CLEANING-BSW)
    It indicates an adjustment to and/or lease use of
    production already measured by the well operator.
    Specifically, B.S.&W. (basic sediment and water) is a
    volume that results from a tank cleaning. The volume
    is compared to that shown by the authorized cleaner on
    Form P-9.

7   Other (PD-OLCO-DISP-OTHER)
    A catch-all involving stock adjustments, water
    bleed-off, lease use, road oil, and theft. The
    material has already been measured as production by the
    producing operator and so will only be shown as a
    disposition; therefore, there is no allocation back to
    the lease.

8   Skim Oil (PD-OLCO-DISP-SKIM-OIL)
    Accounts for indirect disposition of production as
    measured by others (i.e., by allocation). It relates
    to production that has not been measured by the
    producer because it left the lease entrained in
    saltwater going to a saltwater gathering system. Since
    there is no way of knowing what volume of liquid
    hydrocarbons came from a particular producing property,
    liquid hydrocarbons above a specified tolerance level
    are allocated back to producing properties in
    proportion to the amount of saltwater that came from
    that property. The volume is compared to that shown on
    Form P-18.

9   Scrubber Oil (PD-OLCO-DISP-SCRUBBER-OIL)
    Accounts for indirect disposition of production as
    measured by others (i.e., by allocation). It relates
    to production that has not been measured by the
    producer because it left the lease entrained in
    casinghead gas going to a gas processing plant. Since
    there is no way of knowing what volume of liquid
    hydrocarbons came from a particular producing property,
    liquid hydrocarbons above a specified tolerance level
    are allocated back to producing properties in
    proportion to the amount of casinghead gas that came
    from that property. The volume is compared to that
    shown on Form R-3.

10 Stock Adjustment (PD-OlCO-STOCK-ADJUSTMENT)
    Code used by A.D.P. only to adjust stock on hand.
    Because of the formula used to calculate stock on hand
    each month, a negative amount in PD-OIL-DISP-AMT
    indicates adding stock on hand to the oil lease, while
    a positive amount indicates subtracting stock on hand.
    This code is commonly used for lease consolidations,
    subdivisions, etc.

99 No code reported(PD-OLCO-DISP-NO-CODE)
    Indicates that an amount was reported without a
    disposition code.

PD-OIL-OLCO-DISPOSITION-AMOUNT

    This data item contains the barrels of liquid hydrocarbon
    disposed, as indicated by the corresponding commingled
    oil disposition code.

```
****************************************************************
* PDW700R1                                                     *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S      *
*              OIL COMMINGLE OLDEST ENDING BALANCE             *
*                                                              *
*                                                              *
* SEGMENT NAME:  PDOOEB             RECORD LENGTH:  10 BYTES   *
*--------------------------------------------------------------*
* VARIABLE                     *      TYPE       *   SSA       *
* NAME                         *                 *   NAME      *
*--------------------------------------------------------------*
* NO KEY                       *                 *             *
****************************************************************
  01   RAILROAD-COMMISSION-TAPE-REC.                              POS.
     02  RRC-TAPE-RECORD-ID                          PIC X(02). 1
     02  PD-CM-OLDEST-END-BAL-SEG.
         03  PD-CM-OLDEST-EOM-BAL        PIC S9(09)  COMP-3       3
                                                     VALUE ZEROS.
         03  FILLER                      PIC X(5)    VALUE ZEROS. 8
     02  RRC-TAPE-FILLER                             PIC X(0090). 13
```

```
****************************************************************
* PDW700R1                                                     *
*                                                              *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S      *
*              COMMINGLED OIL OLDEST ENDING BALANCE            *
*                                                              *
* SEGMENT NAME: PDOOEB                                         *
****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 11   Commingle Oldest Ending Balance Segment

PD-CM-OLDEST-EOM-BAL

Indicates the lease/commingle oldest end of month balance. Taken
from the COMMINGLED OIL PERMIT (PDOCMPMT) segment most recently
rolled off the database.

```
****************************************************************
* PDW700Q2                                                    *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S      *
*            OIL COMMINGLE PREVIOUS PROD RPT SEGMENT          *
*                                                             *
*                                                             *
* SEGMENT NAME:  PDOCMPV          RECORD LENGTH:  20 BYTES    *
*-------------------------------------------------------------*
* VARIABLE                  *        TYPE        *   SSA       *
* NAME                      *                    *   NAME      *
*-------------------------------------------------------------*
* NO KEY                    *                    *             *
****************************************************************
    01   RAILROAD-COMMISSION-TAPE-REC.                             POS.
        02   RRC-TAPE-RECORD-ID                        PIC X(02). 1
        02   PD-OIL-COMM-PREV-PROD-RPT-SEG.
            03   PD-OIL-COMM-PREV-POSTING-DATE.
                05  PD-OIL-COMM-PREV-POSTING-YEAR PIC 9(04)  VALUE ZEROS.3
                05  PD-OIL-COMM-PREV-POSTING-MONTH PIC 9(02) VALUE ZEROS.7
                05  PD-OIL-COMM-PREV-POSTING-DAY PIC 9(02)   VALUE ZEROS.9
            03   PD-OIL-COMM-PREV-BATCH-NUMBER    PIC X(03)   VALUE ZEROS.11
            03   PD-OIL-COMM-PREV-ITEM-NUMBER     PIC 9(04)   VALUE ZEROS.14
            03   PD-OIL-COMM-PREV-CHANGED-FLAG    PIC X(01)   VALUE SPACE.18
                88   PD-OIL-COMM-PREV-CHANGED                 VALUE 'C'.
            03   PD-OIL-COMM-PREV-EDI-FLAG        PIC X(01)   VALUE SPACE.19
                88   PD-OIL-COMM-PREV-EDI                     VALUE 'Y'.
            03   FILLER                           PIC X(03)   VALUE SPACE.20
        02   RRC-TAPE-FILLER                              PIC X(0084). 19
```

```
******************************************************************
* PDW700Q1                                                       *
*                                                                *
*          THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*               OIL COMMINGLE PREVIOUS PROD RPT SEGMENT          *
*                                                                *
*   SEGMENT NAME:  PDOCMPV                                        *
******************************************************************


------------------
RRC-TAPE-RECORD-ID
------------------
This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID.  Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value      Tape Record Description
 12     Commingle Previous Production Report Segment

----------------------------
PD-OIL-COMM-PREV-POSTING-DATE
----------------------------
This item contains the date a previous production report for
cycle was posted to the database, format is YYYY/MM/DD.

----------------------------
PD-OIL-COMM-PREV-BATCH-NUMBER
----------------------------
This data item identifies a unique set of production reports in
which the oil lease's production report can be found.  This is
for RRC internal use only.

---------------------------
PD-OIL-COMM-PREV-ITEM-NUMBER
---------------------------
This data item identifies the order in which production reports in
a batch are posted to the database.  This is for RRC internal use
only.

---------------------------
PD-OIL-COMM-PREV-EDI-FLAG
---------------------------
This data item identifies the whether or not the forms were
previously filed electronically.
     Y = yes, filed electronically
     N = no, not filed electronically
```

```
****************************************************************
* PDW700K1                                                     *
*          THIS COPY IS USED FOR THE PRODUCTION DATABASE'S     *
*               OIL PREVIOUS ALLOWABLE SEGMENT                 *
*                                                              *
*                                                              *
* SEGMENT NAME:  PDOPRVAL          RECORD LENGTH:  35 BYTES    *
*--------------------------------------------------------------*
* VARIABLE                    *       TYPE      *    SSA       *
* NAME                        *                 *    NAME      *
*--------------------------------------------------------------*
* NO KEY                      *                 *              *
****************************************************************
  01  RAILROAD-COMMISSION-TAPE-REC.                                POS.
     02  RRC-TAPE-RECORD-ID                           PIC X(02). 1
     02  PD-OIL-RPT-CYCLE-HISTORY-SEG.
        03  PD-OIL-ALLOW-DAILY-BBLS-HIST    PIC S9(09)  COMP-3     3
                                                        VALUE ZEROS.
        03  PD-GAS-LIMIT-DAILY-MCF-HIST     PIC S9(09)  COMP-3     8
                                                        VALUE ZEROS.
        03  PD-OIL-ALLOW-EFF-DATE-HIST.
           05  PD-OIL-ALLOW-EFF-YEAR-HIST   PIC 9(04)   VALUE ZEROS.13
           05  PD-OIL-ALLOW-EFF-MONTH-HIST  PIC 9(02)   VALUE ZEROS.17
           05  PD-OIL-ALLOW-EFF-DAY-HIST    PIC 9(02)   VALUE ZEROS.19
        03  PD-OIL-ALLOW-ISSUE-DATE-HIST.
           05  PD-OIL-ALLOW-ISS-YEAR-HIST   PIC 9(04)   VALUE ZEROS.21
           05  PD-OIL-ALLOW-ISS-MONTH-HIST  PIC 9(02)   VALUE ZEROS.25
           05  PD-OIL-ALLOW-ISS-DAY-HIST    PIC 9(02)   VALUE ZEROS.27
        03  PD-OIL-ALLOW-CYCLE-BBLS-HIST    PIC S9(09)  COMP-3     29
                                                        VALUE ZEROS.
        03  PD-GAS-LIMIT-CYCLE-MCF-HIST     PIC S9(09)  COMP-3     34
                                                        VALUE ZEROS.
        03  FILLER                          PIC X(14)   VALUE ZEROS.39
     02  RRC-TAPE-FILLER                              PIC X(0050). 53
```

II.40

```
****************************************************************
* PDW700K1                                                     *
*                                                              *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S      *
*         OIL PRODUCTION REPORTING CYCLE HISTORY SEGMENT       *
*                                                              *
* SEGMENT NAME: PDOPRVAL                                       *
****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 13   Previous Allowable Segment

NOTE: These data items deal with supplementing allowables. The
      processing of data items in this segment is related to the
      Oil Production Reporting Cycle Segment, PDORPTCY. If the
      effective date of the allowable in PDORPTCY is not the first
      of the month, the data in this segment indicates the
      relevant allowable information prior to an allowable change.

PD-OIL-ALLOW-DAILY-BBLS-HIST

This item contains the oil allowable of a lease prior to issuing
PD-OIL-ALLOWABLE-DAILY-BBLS. It is as a daily amount in barrels.

PD-GAS-LIMIT-DAILY-MCF-HIST

This item contains the gas limit of a lease prior to issuing
PD-CSH-LIMIT-DAILY-MCF. It is a daily amount in MCF.

PD-OIL-ALLOW-EFF-DATE-HIST

This item is the effective date of the change in oil allowable or
gas limit. Format is YYYYMMDD where YYYY=CENTURY, YEAR; MM=MONTH;
DD=DAY.

PD-OIL-ALLOW-ISSUE-DATE-HIST

This item is the issue date of the change in oil allowable or gas
limit. Format is YYYYMMDD where YYYY=CENTURY, YEAR; MM=MONTH;
DD=DAY.

```
--------------------------
PD-GAS-LIMIT-CYCLE-MCF-HIST
--------------------------
```
This data item contains the sum of all casinghead gas limits for
all wells on the lease for the cycle.

```
****************************************************************
*   PDW700W1                                                  *
*      THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*              PRODUCTION REMARKS SEGMENT                     *
*                                                             *
*                                                             *
* SEGMENT NAME: PDREMARK            RECORD LENGTH: 80 BYTES   *
*-------------------------------------------------------------*
* VARIABLE                   |      TYPE      |    SSA        *
* NAME                       |                |    NAME       *
*-------------------------------------------------------------*
* PD-REMARK-KEY              |      KEY       |  PDREMKEY     *
*------------------------------------------------------------ *
****************************************************************
  01  RAILROAD-COMMISSION-TAPE-REC.                              POS.
     02  RRC-TAPE-RECORD-ID                          PIC X(02). 1
     02  PD-REMARKS-SEGMENT.
        03  PD-REMARK-KEY.
           05  PD-REMARK-NUMBER          PIC 9(03) VALUE ZEROS.  3
           05  PD-REMARK-LINE-NO         PIC 9(02) VALUE ZEROS.  6
        03  PD-REMARK-TEXT               PIC X(70) VALUE SPACES. 8
        03  FILLER                       PIC X(05) VALUE ZEROS.  78
     02  RRC-TAPE-FILLER                       PIC X(0020). 83
```

```
*****************************************************************
* PDW700W1                                                      *
*                                                               *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*                   PRODUCTION REMARKS SEGMENT                  *
*                                                               *
* SEGMENT NAME: PDREMARK                                        *
*****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 22   Production Remarks Segment

PD-REMARK-KEY

Group data item containing the PD-REMARK-NUMBER and the
PD-REMARK-LINE-NO.

PD-REMARK-NUMBER

This data item indicates the number of the remark. Remark numbers
are decremented from an initial value of 999 to allow the most
current remark to exist first in the database.

PD-REMARK-LINE-NO

This data item indicates the number of the line within the remark.

```
*****************************************************************
* PDW701B1                                                      *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*        PRODUCTION DISPOSITION REMARKS (OIL VERSION)           *
*        (FOR OIL DISPOSITION CODE 7 ONLY)                      *
*        (NON RECURRING SEGMENT)                                *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDODSPRK          RECORD LENGTH:  60 BYTES     *
*---------------------------------------------------------------*
* VARIABLE                      *     TYPE       *   SSA        *
* NAME                          *                *   NAME       *
*---------------------------------------------------------------*
* NON-KEYED SEGMENT             *   NON-KEYED    *   -------    *
*****************************************************************
 01  RAILROAD-COMMISSION-TAPE-REC.                          POS.
     02  RRC-TAPE-RECORD-ID                      PIC X(02). 1
     02  PD-OIL-DISP-REMARKS-SEG.
         05  PD-OIL-DSP-RMK-DATE.
             10  PD-OIL-RMK-YEAR-4.
                 15  PD-OIL-RMK-CENTURY  PIC 9(02)  VALUE ZEROS. 7
                 15  PD-OIL-RMK-YEAR     PIC 9(02)  VALUE ZEROS. 9
             10  PD-OIL-RMK-MONTH        PIC 9(02)  VALUE ZEROS. 3
             10  PD-OIL-RMK-DAY          PIC 9(02)  VALUE ZEROS. 5
         05  PD-OIL-DISP-REMARK-TEXT     PIC X(40)  VALUE SPACES. 11
         05  FILLER                      PIC X(12)  VALUE ZEROS. 51
     02  RRC-TAPE-FILLER                         PIC X(0040). 63
```

II.45

```
******************************************************************
* PDW701B1                                                       *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*         PRODUCTION DISPOSITION REMARKS (OIL VERSION)           *
*         (FOR OIL DISPOSITION CODE 7 ONLY)                      *
*                                                                *
*                                                                *
* SEGMENT NAME:  PDODSPRK           RECORD LENGTH:  60 BYTES     *
******************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 23   Production Oil Disposition Remark

PD-OIL-RMK-CENTURY

This data item contains the century that the remark was entered or
changed.

PD-OIL-RMK-YEAR

This data item contains the year that the remark was entered or
changed.

PD-OIL-RMK-MONTH

This data item contains the month that the remark was entered or
changed.

PD-OIL-RMK-DAY

This data item contains the day that the remark was entered or
changed.

PD-OIL-DISP-REMARK-TEXT

This data item contains the remarks text entered or filed
electronically.

```
*******************************************************************
* PDW701E1                                                       *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S         *
*        PRODUCTION DISPOSITION REMARKS (OIL COMMINGLE)          *
*        (FOR OIL COMMINGLE CODE 7 ONLY)                         *
*        (NON RECURRING SEGMENT)                                 *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDOCMGRK          RECORD LENGTH:  60 BYTES      *
*---------------------------------------------------------------*
* VARIABLE                      *     TYPE      *   SSA          *
* NAME                          *               *   NAME         *
*---------------------------------------------------------------*
* NON-KEYED SEGMENT             *   NON-KEYED   *   -------      *
*******************************************************************
 01   RAILROAD-COMMISSION-TAPE-REC.                              POS.
    02  RRC-TAPE-RECORD-ID                       PIC X(02).  1
    02  PD-OIL-CMG-REMARKS-SEG.
       05  PD-OIL-CMG-RMK-DATE.
          10  PD-OIL-CMG-RMK-YEAR-4.
             15  PD-OIL-CMG-RMK-CENTURY PIC 9(02)  VALUE ZEROS.  7
             15  PD-OIL-CMG-RMK-YEAR    PIC 9(02)  VALUE ZEROS.  9
          10  PD-OIL-CMG-RMK-MONTH      PIC 9(02)  VALUE ZEROS.  3
          10  PD-OIL-CMG-RMK-DAY        PIC 9(02)  VALUE ZEROS.  5
       05  PD-OIL-CMG-REMARK-TEXT       PIC X(40)  VALUE SPACES. 11
       05  FILLER                       PIC X(12)  VALUE ZEROS.  51
    02  RRC-TAPE-FILLER                           PIC X(0040).  63
```

```
*****************************************************************
* PDW701E1                                                      *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*        PRODUCTION DISPOSITION REMARKS (OIL COMMINGLE)         *
*        (FOR OIL COMMINGLE CODE 7 ONLY)                        *
*        (NON-RECURRING SEGMENT)                                *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDOCMGRK           RECORD LENGTH:  60 BYTES    *
------------------
RRC-TAPE-RECORD-ID
------------------
This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID.  Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value      Tape Record Description
 24    Production Oil Commingle Disposition Remark

*****************************************************************
----------------------
PD-OIL-CMG-RMK-CENTURY
----------------------
This data item contains the century that the remark was entered or
changed.

--------------------
PD-OIL-CMG-RMK-YEAR
--------------------
This data item contains the year that the remark was entered or
changed.

--------------------
PD-OIL-CMG-RMK-MONTH
--------------------
This data item contains the month that the remark was entered or
changed.

------------------
PD-OIL-CMG-RMK-DAY
------------------
This data item contains the day that the remark was entered or
changed.

----------------------------
PD-OIL-CMG-REMARK-TEXT
----------------------------
This data item contains the remarks text entered or filed
electronically.
```

III. GAS TAPE INFORMATION

```
****************************************************************
* PDW700B1                                                     *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*              PRODUCTION ROOT SEGMENT (GAS VERSION)           *
*                                                              *
*                                                              *
* SEGMENT NAME:  PDROOT          RECORD LENGTH:  50 BYTES      *
*--------------------------------------------------------------*
* VARIABLE                   *     TYPE        *   SSA         *
* NAME                       *                 *   NAME        *
*--------------------------------------------------------------*
* PD-GAS-KEY                 *     KEY         *  PDROOTKY     *
****************************************************************
    01  RAILROAD-COMMISSION-TAPE-REC.                          POS.
        02  RRC-TAPE-RECORD-ID                    PIC X(02).  1
        02  GAS-PRODUCTION-ROOT.
            03  PD-GAS-KEY.
                05 PD-GAS-CODE                PIC X(1) VALUE ZEROS.  3
                05 PD-GAS-DISTRICT            PIC 9(2) VALUE ZEROS.  4
                05 PD-GAS-RRC-ID              PIC 9(6) VALUE ZEROS.  6
            03  PD-GAS-OLDEST-EOM-BALANCE     PIC S9(09) COMP-3     12
                                                  VALUE ZEROS.
            03  PD-COND-OLDEST-EOM-BALANCE    PIC S9(09) COMP-3     17
                                                  VALUE ZEROS.
            03  PD-LIQUID-OLDEST-EOM-BALANCE  PIC S9(09) COMP-3     22
                                                  VALUE ZEROS.
            03  FILLER                        PIC X(26)             27
                                                  VALUE ZEROS.
        02  RRC-TAPE-FILLER                      PIC X(0050). 53
```

```
*****************************************************************
* PDW700B1                                                      *
*                                                               *
*          THIS COPY IS USED FOR THE PRODUCTION DATABASE'S      *
*              PRODUCTION ROOT SEGMENT (GAS VERSION)            *
*                                                               *
* SEGMENT NAME:  PDROOT                                          *
*****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 01   Root Segment (Gas Version)

PD-GAS-KEY

Group item that is the key to the Root segment (Gas version) of
the production database. It is comprised of PD-GAS-CODE,
PD-GAS-DISTRICT and PD-GAS-RRC-ID.

PD-GAS-CODE

This code indicates this record is for a gas well.
    G   Gas well

PD-GAS-DISTRICT

The RRC district in which the well is located. There are fourteen
Railroad Commission districts. The districts are represented by a
one through fourteen numeric value. The table below indicates the
converted values:

           RRC DISTRICT   RRC DISTRICT
           VALUE   ID   VALUE   ID

            01   -   01   08   -   7B
            02   -   02   09   -   7C
            03   -   03   10   -   08
            04   -   04   11   -   8A
            05   -   05   12   -   8B (not used)
            06   -   06   13   -   09
            07   -   6E (oil only)   14   -   10

```
-------------
PD-GAS-RRC-ID
-------------
This is a six-digit gas well identification number that is assigned
to the well by the RRC.


-------------------------
PD-GAS-OLDEST-EOM-BALANCE
-------------------------
This numeric value is the cumulative amount of gas that was either
overproduced or underproduced as of the beginning of the oldest
cycle on file.


--------------------------
PD-COND-OLDEST-EOM-BALANCE
--------------------------
For wells in all fields except for liquid limit fields, this
numeric value is the amount of condensate or oil that is on hand
in storage available for distribution as of the beginning of the
oldest cycle on file.


----------------------------
PD-LIQUID-OLDEST-EOM-BALANCE
----------------------------
For wells in liquid limit fields only, this numeric value is the
cumulative amount of liquid that was produced as of the beginning
of the oldest cycle on file.
```

```
     ***********************************************************
     * PDW700L2                                               *
     *        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S  *
     *              GAS REPORTING CYCLE SEGMENT               *
     *                                                         *
     *                                                         *
     * SEGMENT NAME:  PDGRPTCY        RECORD LENGTH: 90 BYTES  *
     *---------------------------------------------------------*
     * VARIABLE                *      TYPE      *   SSA        *
     * NAME                    *                *   NAME       *
     *---------------------------------------------------------*
     * PD-GAS-REPORT-CYCLE-KEY *   KEY          * PDGCYKY      *
     ***********************************************************
      01  RAILROAD-COMMISSION-TAPE-REC.                          POS.
          02  RRC-TAPE-RECORD-ID                       PIC X(02).  1
          02  PD-GAS-REPORTING-CYCLE-INFO.
              03  PD-GAS-REPORT-CYCLE-KEY    PIC 9(04)  VALUE ZEROS.   3
              03  PD-GAS-BALANCING-ALLOW-AMT PIC S9(09) COMP-3        7
                                                        VALUE ZEROS.
              03  PD-GAS-BALANCING-ALLOW-CODE PIC X(02) VALUE SPACES.  12
              03  PD-GAS-EXCEPTION-TWICE-ALLOW PIC X(01) VALUE 'N'.    14
                  88  EXCEPTION-TWICE-ALLOW               VALUE 'Y'.
                  88  NO-EXCEPTION-TWICE-ALLOW            VALUE 'N'.
              03  PD-GAS-HIGHEST-DAILY-CYCLES PIC 9(01) VALUE ZEROS.   15
              03  PD-GAS-EXCEPT-HIGH-DAY-AMOUNT PIC 9(09) COMP-3       16
                                                        VALUE ZEROS.
              03  PD-GAS-REDUCED-RATE        PIC 9(03) VALUE ZEROS.    21
              03  PD-GAS-REDUCED-RATE-CODE   PIC X(01) VALUE ZEROS.    24
                  88  REDUCED-RATE-FOR-1-CYCLE           VALUE '1'.
                  88  REDUCED-RATE-FOR-2-CYCLES          VALUE '2'.
                  88  REDUCED-RATE-FOR-3-CYCLES          VALUE '3'.
                  88  REDUCED-RATE-FOR-4-CYCLES          VALUE '4'.
                  88  REDUCED-RATE-FOR-5-CYCLES          VALUE '5'.
                  88  REDUCED-RATE-FOR-6-CYCLES          VALUE '6'.
              03  PD-COND-ENDING-BALANCE     PIC S9(09) COMP-3         25
                                                        VALUE ZEROS.
              03  PD-G9-INJECTION-AMOUNT     PIC S9(09) COMP-3         30
                                                        VALUE ZEROS.
              03  PD-GAS-CUMU-CYCLE-STATUS   PIC S9(09) COMP-3         35
                                                        VALUE ZEROS.
              03  PD-GAS-CUMULATIVE-OVERAGE  PIC S9(09) COMP-3         40
                                                        VALUE ZEROS.
              03  PD-GAS-OVERAGE-TRANSFER    PIC S9(09) COMP-3         45
                                                        VALUE ZEROS.
              03  PD-GAS-NO-PAST-PRODUCTION-FLAG PIC X(01) VALUE 'Y'.  50
                  88  PD-GAS-DONT-USE-PAST-PROD          VALUE 'N'.
              03  PD-GAS-NO-HIGHEST-DAILY-FLAG PIC X(01) VALUE 'Y'.    51
                  88  PD-GAS-DONT-USE-HIGHEST-DLY        VALUE 'N'.
              03  PD-GAS-CANCEL-UNDERAGE-FLAG PIC X(01) VALUE 'N'.     52
                  88  PD-GAS-CANCEL-UNDERAGE             VALUE 'Y'.
                  88  PD-GAS-CAN-UNDER-AFTER-LEDGER      VALUE 'A'.
                  88  PD-GAS-CAN-UNDER-BEFORE-LEDGER     VALUE 'B'.
              03  PD-GAS-PAST-PRODUCTION-CYCLES PIC 9(01) VALUE ZEROS. 53
              03  PD-GAS-EXCEPT-PAST-PROD-AMOUNT PIC 9(09) COMP-3      54
                                                        VALUE ZEROS.
```

III.4

```
03   PD-LIQUID-CUMU-CYCLE-STATUS      PIC S9(09) COMP-3        59
                                       VALUE ZEROS.
03   PD-G9-PLANT-LIQUID               PIC S9(09) COMP-3        64
                                       VALUE ZEROS.
03   PD-G9-INJECTION-CREDIT-CODE      PIC X(1)   VALUE SPACES. 69
     88  PD-G9-NO-INJECT-CREDIT                  VALUE '0'.
     88  PD-G9-INJECTION                         VALUE '1'.
     88  PD-G9-GAS-LIFT                          VALUE '2'.
     88  PD-G9-BANK-BALANCE                      VALUE '3'.
03   PD-GAS-ON-SHUT-IN-LIST-FLAG      PIC X(1)   VALUE SPACES. 70
     88  PD-GAS-NOT-ON-SHUT-IN-LIST              VALUE '0'.
     88  PD-GAS-ON-SHUT-IN-LIST                  VALUE '1'.
03   PD-WELL-CAPABILITY               PIC S9(09) COMP-3        71
                                       VALUE ZEROS.
03   PD-WELL-MONTHLY-CAPABILITY       PIC S9(09) COMP-3
                                       VALUE ZEROS.           76
03   FILLER                           PIC X(12)  VALUE ZEROS. 81
02  RRC-TAPE-FILLER                              PIC X(0010). 93
```

```
*****************************************************************
* PDW700L1                                                     *
*                                                              *
*          THIS COPY IS USED FOR THE PRODUCTION DATABASE'S     *
*                   GAS REPORTING CYCLE SEGMENT                *
*                                                              *
* SEGMENT NAME:  PDGRPTCY                                      *
*****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 14   Reporting Cycle Segment

PD-GAS-REPORT-CYCLE-KEY

This numeric value represents the period of time (in MMYY format)
for which the following information applies.

PD-GAS-BALANCING-ALLOW-AMT

This numeric value is the gas or liquid allowable that is in
effect for the cycle. It originates from the WELL REPORTING CYCLE
segment on the Well Database and is the equivalent of the data
item WL-GAS-ALLOWABLE-CYCLE-AMT.

For fields other than liquid limit, there are three possible
allowables: assigned, adjusted, and administrative. The assigned
allowable is created by the monthly and nightly calculate
programs. It can be overridden by the adjusted allowable which is
the result of gas balancing in a field that has balancing rules.
The administrative allowable, which is entered directly into the
system by the gas proration analyst, takes precedence over the
other two types of allowables.

In a liquid limit field, the allowable is derived from the liquid
allowable amount assigned to the well plus or minus any transfers
to or from the special allowable.

This data item is called a "balancing" allowable because it is
programmatically compared to the production to get the cycle gas
status.

```
--------------------------
PD-GAS-BALANCING-ALLOW-CODE
--------------------------
```
This is a code that is associated with the PD-GAS-BALANCING-ALLOW-
AMT described above. It goes beyond the terms administrative,
adjusted, and assigned to describe more specifically what the
allowable amount represents. The codes are interpreted in the
code list located in appendix "A".

This data item is called a "balancing" allowable code because of
its association with the allowable amount it describes.

```
--------------------------
PD-GAS-EXCEPTION-TWICE-ALLOW
--------------------------
```
This flag is set if the well has been granted an HB1866 exception.
An HB1866 exception allows the well to produce over twice its
allowable for the cycle with no ceiling. It has been changed
from HB206 which set a ceiling of four times the allowable.

    N   No exception granted
    Y   HB1866 exception granted.

```
--------------------------
PD-GAS-HIGHEST-DAILY-CYCLES
--------------------------
```
The twelve-month highest daily average production allowable, which
is found on the WELL REPORTING CYCLE segment, is one of several
types of limited allowables. The PD-GAS-HIGHEST-DAILY-CYCLES is a
number that represents the number of cycles remaining (including
this one) that either the PD-GAS-EXCEPT-HIGH-DAY-AMOUNT should be
used or the PD-GAS-NO-HIGHEST-DAILY-FLAG is in effect.

If the PD-GAS-HIGHEST-DAILY-CYCLES equals zeros and the
PD-GAS-NO-HIGHEST-DAILY-FLAG is equal to 'Y,' the twelve-month
highest daily average production allowable should be used if
available.

If the PD-GAS-HIGHEST-DAILY-CYCLES equals zeros and the
PD-GAS-NO-HIGHEST-DAILY-FLAG is equal to 'N,' NEITHER the twelve
month highest daily average production allowable or the
PD-GAS-EXCEPT-HIGH-DAY-AMOUNT will be used.

If the PD-GAS-HIGHEST-DAILY-CYCLES is greater than zeros and the
PD-GAS-NO-HIGHEST-DAILY-FLAG is equal to 'N,' NEITHER the twelve
month highest daily average production allowable nor the
PD-GAS-EXCEPT-HIGH-DAY-AMOUNT will be used for the number of
cycles represented by the PD-GAS-HIGHEST-DAILY-CYCLES, including
this cycle.

If the PD-GAS-HIGHEST-DAILY-CYCLES is greater than zeros and the
PD-GAS-NO-HIGHEST-DAILY-FLAG is equal to 'Y,' the
PD-GAS-EXCEPT-HIGH-DAY-AMOUNT will be used for the number of
cycles represented by the PD-GAS-HIGHEST-DAILY-CYCLES, including
this cycle.

```
------------------------------
PD-GAS-EXCEPT-HIGH-DAY-AMOUNT
------------------------------
```
This is a numeric amount used instead of the twelve-month highest
daily average production allowable according to the PD-GAS-EXCEPT-
HIGH-DAY-FLAG described above.

```
------------------
PD-GAS-REDUCED-RATE
------------------
```
This data item indicates the percentage of the allowable a well is
allowed to produce. A reduced rate may be granted, on request, to
make up a production violation without having to shut-in the well.

```
-----------------------
PD-GAS-REDUCED-RATE-CODE
-----------------------
```
A code indicating how many cycles the reduced rate will be
effective.

```
    1     Reduced Rate for 1 cycle
    2     Reduced Rate for 2 cycles
    3     Reduced Rate for 3 cycles
    4     Reduced Rate for 4 cycles
    5     Reduced Rate for 5 cycles
    6     Reduced Rate for 6 cycles
```

```
----------------------
PD-COND-ENDING-BALANCE
----------------------
```
This numeric amount is a positive amount that represents the amount
of condensate that is available for movement off lease. This is
also called "stock on hand." It is computed by adding the condensate
ending balance from the previous cycle to the condensate produced
and subtracting the total of all of the liquid dispositions.

```
----------------------
PD-G9-INJECTION-AMOUNT
----------------------
```
This data item contains the credit given for gas injection into the
well for the month. It is keyed from the Form G-9. Various programs
of gas injection may be initiated by an operator for the purpose of
secondary or tertiary recovery, or to maintain the pressure in the
reservoir necessary to remove oil (thus prolonging the productive
life of the reservoir). The amount is given in MCF.

```
-----------------------
PD-GAS-CUMU-CYCLE-STATUS
-----------------------
```
In a non-prorated field ,this numeric amount should be either zeros
or a positive figure which represents overproduction. Otherwise,
a positive, negative, or zero figure (overproduced, underproduced,
or balanced) will exist. The PD-GAS-CUMU-CYCLE-STATUS amount
includes the production, allowable, etc., from this cycle. The
cumulative gas cycle status for a well in any type of field EXCEPT
PRORATED will be equal to or greater than zeros. Wells with special
allowables in PRORATED fields are the exception to the exception
and will only accumulate overproduction.

The PD-GAS-CUMU-CYCLE-STATUS is created by adding this cycle's gas
status to the previous cycle's PD-GAS-CUMU-CYCLE-STATUS. If the
cumulative gas cycle status from the previous cycle is greater than
zeros, this cycle's gas status, whether positive or negative, will
be added to it. If the result of adding the cycle's gas status to
the previous cycle's cumulative gas status is negative, this cycle's
cumulative gas cycle status will be zeros. UNDERAGE is NOT
accumulated.

The cycle gas status, the status for this cycle only, is calculated
by subtracting the injection credit (PD-G9-INJECTION-AMOUNT) from
the production (PD-GAS-PROD from the PDGPROD segment) and then
subtracting the allowable (PD-GAS-BALANCING-ALLOW-AMT). This calcu-
lation is performed for wells in every field type EXCEPT LIQUID LIMIT.
The cycle gas status also includes the transfer of overage from a
workover or reclass (PD-GAS-OVERAGE-TRANSFER) and reinstated underage
(PD-GAS-REINSTATED-UNDG-AMOUNT from the PDGREIN SEGMENT). The
PD-GAS-CUMU-CYCLE-STATUS amount for February and August does NOT
include reinstated underage. Reinstated underage can only be used in
a prorated field.

The cycle gas status for a well in a liquid limit field is created by
subtracting the injection credit (PD-G9-INJECTION-AMOUNT) from the
production (PD-GAS-PROD from the PDGPROD segment). A gas allowable
DOES NOT exist for a well in a liquid limit field.

The PD-GAS-CUMU-CYCLE-STATUS in a prorated field can be either
positive or negative. The PD-GAS-BALANCING-ALLOW-CODE data item
value determines whether cycle gas status underage can be
accumulated. A value of '@,' 'L,' '#,' or 'R' means that underage
from this cycle can be used to reduce overage from the previous gas
cycle, but the final result cannot be negative (underproduced).
Otherwise, the cycle gas status will be added without regard to the
sign of the result.

```

```

PD-GAS-CUMULATIVE-OVERAGE

```
This numeric amount is a positive figure that represents the amount
of gas overproduction that has accumulated beginning with the first
cycle of this cycle's balancing period up to and including this
cycle. This data item will be active or in effect during this cycle
if the well is in a prorated field or a field that has "regular"
balancing during this cycle.

If the amount is equal to +999999999, this means that underage has
been voluntarily cancelled sometime during the balancing period.  At
the end of the balancing period a check is made to see if any
underage should automatically be cancelled, referred to as "computer
cancelled."  This is done by checking the status at the beginning of
the balancing period.  If it is negative, the overage accumulated
during the balancing period is compared to the negative beginning
balancing status.  The negative status is temporarily made postive
and compared to the balancing period cumulative overage.  If the
cumulative overage is equal to or greater than the negative (made
positive for comparative purposes only) beginning balancing period
status, no cancelled underage will occur.  If the cumulative overage
is less than the negative (made positive for comparative purposes
only) beginning balancing period status, the difference between the
two figures will be the cancelled underage, stored on the PDGSTAT
segment.

This "computer cancelled" underage comparative process will be
nullified by the PD-GAS-CANCEL-UNDERAGE-FLAG being set to a value of
'Y' or 'B' on any cycle during the balancing period.  The
nullification is accomplished by the cumulative overage figure being
set to +999999999.
```

PD-GAS-OVERAGE-TRANSFER

```
This numeric amount is a positive figure that represents the amount
of gas overproduction that the well incurred prior to being worked
over or reclassed.

```

PD-GAS-NO-PAST-PRODUCTION-FLAG

```
This flag is set to 'N' if the past production is not to be used in
determining the allowable (no @ type allowable).  This is the well
level.  There is also a field level on the Field Database GASCYCLE
segment.

```

PD-GAS-NO-HIGHEST-DAILY-FLAG

```
This flag is set to 'N' if the highest daily average amount is not to
be used in determining the allowable (no U- or L-type allowable).
This is the well level.  There is also a field level on the Field
Database GASCYCLE segment.

```

PD-GAS-CANCEL-UNDERAGE-FLAG

```
This flag is used for balancing purposes only and determines what
value to use when determining the gas cumulative status
(PD-GAS-CUMU-CYCLE-STATUS) for the next cycle.

    N    No cancel underage
    Y    Cancel underage
    A    Cancel after automatic cancellation (only Feb & Aug)
    B    Cancel before automatic cancellation (only Feb & Aug)

When balancing a given cycle, the ending balance of the previous
cycle is used as the beginning status.  The PD-GAS-CANCEL-UNDERAGE-
FLAG in the previous cycle determines whether the actual previous
cycle ending status value (PD-GAS-CUMU-CYCLE-STATUS) or zeros will be
used as the beginning status for the cycle where a gas cumulative
status is being developed.

If the flag in the previous cycle is set to a 'Y' and the PD-GAS-CUMU-
CYCLE-STATUS of the previous cycle is negative or underproduced, the
balancing routine uses ZEROS instead of the PD-GAS-CUMU-CYCLE-STATUS
amount.  The value of PD-GAS-CUMU-CYCLE-STATUS in the previous cycle
is not changed or altered.

These flag values will determine what will be cancelled automatically
by the cancelled underage routine in the nightly balancing process.
The cancelled underage routine is only performed when the cycle
date is either February or August.  So, if the underage is cancelled
voluntarily effective the end of one of these months, the PD-GAS-
CANCEL-UNDERAGE-FLAG value will be "A" or "B".  If the underage is
cancelled voluntarily effective the end of any other month, the
PD-GAS-CANCEL-UNDERAGE-FLAG value will be a "Y".

The value of 'A' means that any underage remaining AFTER the automatic
cancellation of underage occurs will be cancelled voluntarily.  It
is possible for the PD-GAS-CANCELLED-UNDERAGE amount on the PDGSTAT
segment to not be equal to zeros.  If the PD-GAS-CUMU-CYCLE-STATU S
in the parent segment is negative (underproduced), the difference,
if negative still, between the PD-GAS-CANCELLED-UNDERAGE and the
PD-GAS-CUMU-CYCLE-STATUS amounts will be considered as underage
that is cancelled voluntarily.

On the other hand, a value of 'B' means that any underage that exists
BEFORE the automatic cancellation of underage will be cancelled
voluntarily.  The PD-GAS-CANCELLED-UNDERAGE amount on the PDGSTAT
segment should be zeros.  If the PD-GAS-CUMU-CYCLE-STATUS in the
parent segment is negative (underproduced), it will be considered
as underage that is cancelled voluntarily.

------------------------------
PD-GAS-PAST-PRODUCTION-CYCLES
------------------------------
The past production limited allowable or the '@' allowable, which is
found on the WELL REPORTING CYCLE segment, is one of several types of
limited allowables.  The PD-GAS-PAST-PRODUCTION-CYCLES is a number that
represents the number of cycles remaining (including this one) that
either the PD-GAS-EXCEPT-PAST-PROD-AMOUNT should be used or the
PD-GAS-NO-PAST-PRODUCTION-FLAG is in effect.

If PD-GAS-PAST-PRODUCTION-CYCLES equals zeros and the PD-GAS-NO-
PAST-PRODUCTION-FLAG is equal to 'Y,' the past production allowable
should be used if available.

If the PD-GAS-PAST-PRODUCTION-CYCLES equals zeros and the PD-GAS-NO-
PAST-PRODUCTION-FLAG is equal to 'N,' NEITHER the past production
allowable or the PD-GAS-EXCEPT-PAST-PROD-AMOUNT will be used.

If the PD-GAS-PAST-PRODUCTION-CYCLES is greater than zeros and the
PD-GAS-NO-PAST-PRODUCTION-FLAG is equal to 'N,' NEITHER the past
production allowable nor the PD-GAS-EXCEPT-PAST-PROD-AMOUNT will be
used for the number of cycles represented by the PD-GAS-PAST-PRODUCTION-
CYCLES, including this cycle.

If the PD-GAS-PAST-PRODUCTION-CYCLES is greater than zeros and the
PD-GAS-NO-PAST-PRODUCTION-FLAG is equal to 'Y,' the PD-GAS-EXCEPT-
PAST-PROD-AMOUNT will be used for the number of cycles represented by
the PD-GAS-PAST-PRODUCTION-CYCLES, including this cycle.

------------------------------
PD-GAS-EXCEPT-PAST-PROD-AMOUNT
------------------------------
This is a numeric amount used instead of the past production '@' amount
according to the PD-GAS-EXCEPT-PAST-PROD-FLAG described above.

----------------------------
PD-LIQUID-CUMU-CYCLE-STATUS
----------------------------
This amount is a cumulative total which is used for wells in liquid
limit fields only.  It is the result of adding the plant liquid to
the lease liquid and then subtracting the allowable.  This is then added
to the beginning liquid status.

------------------
PD-G9-PLANT-LIQUID
------------------
The amount of liquid produced that is allocated to the well as reported
by the operator on the Form G-9.  Plant liquid is the condensate that
is allocated to a gas well that has produced full well stream into a
pipeline.  The gas and condensate are separated and metered at the
plant and an amount is allocated to the production of each well
producing into the pipeline.  The amount is given in barrels (BBLS).

```
--------------------------
PD-G9-INJECTION-CREDIT-CODE
--------------------------
This code is associated with the PD-G9-INJECTION-AMOUNT.  It
indicates the type of injection credit given for gas injected for
secondary or tertiary recovery or pressure maintenance in the
reservoir.

     0    No injection credit
     1    Injection credit
     2    Gas lift credit
     3    Bank balance (gas wells injection credit used to create
          a "bank balance" for oil wells)


--------------------------
PD-GAS-ON-SHUT-IN-LIST-FLAG
--------------------------
This flag indicates whether the gas lease is on the shut-in list
for this cycle.


------------------
PD-WELL-CAPABILITY
------------------
The well capability as computed by the Railroad Commission.
Stored as a daily amount.
```

```
*****************************************************************
* PDW700M4                                                      *
*       THIS COPY IS USED FOR THE PRODUCTION DATABASE'S         *
*              GAS PRODUCTION REPORT SEGMENT                    *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDGPROD          RECORD LENGTH:  50 BYTES     *
*---------------------------------------------------------------*
* VARIABLE                    *      TYPE       *   SSA         *
* NAME                        *                 *   NAME        *
*---------------------------------------------------------------*
* NO KEY                      *                 *               *
*---------------------------------------------------------------*
* MODIFICATION LOG:           *                 *               *
*  09/14/01   JBT    ADDED CODE 3 REMOVAL & EXTRA FILLER        *
*                    CHANGED SEG LENGTH FROM 42 TO 50 BYTES.   *
*****************************************************************
   01   RAILROAD-COMMISSION-TAPE-REC.                         POS.
        02  RRC-TAPE-RECORD-ID                    PIC X(02).  1
        02  PD-GAS-PRODUCTION-INFORMATION.
            03  PD-GAS-PROD                PIC S9(09) COMP-3    3
                                                   VALUE ZEROS.
            03  PD-GAS-LIFT-GAS-INJECTED   PIC S9(09) COMP-3    8
                                                   VALUE ZEROS.
            03  PD-COND-PROD               PIC S9(09) COMP-3   13
                                                   VALUE ZEROS.
            03  PD-GAS-BATCH-NUMBER        PIC X(03)  VALUE ZEROS.  18
            03  PD-GAS-ITEM-NUMBER         PIC 9(04)  VALUE ZEROS.  21
            03  PD-GAS-POSTING-DATE.
                05  PD-GAS-POSTING-YEAR    PIC 9(04)  VALUE ZEROS.  25
                05  PD-GAS-POSTING-MONTH   PIC 9(02)  VALUE ZEROS.  29
                05  PD-GAS-POSTING-DAY     PIC 9(02)  VALUE ZEROS.  31
            03  PD-G-REMOVED-FLARING-DISCREP  PIC X(01)  VALUE 'N'.  33
            03  PD-G-REMOVED-SEALED-DISCREP   PIC X(01)  VALUE 'N'.  34
            03  PD-G-REMOVED-H-8-DISCREP      PIC X(01)  VALUE 'N'.  35
            03  PD-G-REMOVED-CIRC-OIL-DISCREP PIC X(01)  VALUE 'N'.  36
            03  PD-G-REMOVED-OTHER-DISCREP    PIC X(01)  VALUE 'N'.  37
            03  PD-G-REMOVED-CODE4-DISCREP    PIC X(01)  VALUE 'N'.  38
            03  PD-GAS-CORRECTED-REPORT-FLAG  PIC X(01)  VALUE 'N'.  39
                88  GAS-CORRECTED-REPORT                 VALUE 'Y'.
            03  PD-G-REMOVED-CODE-6-DISCREP   PIC X(01)  VALUE 'N'.  40
            03  PD-GAS-FILED-BY-EDI-FLAG      PIC X(01)  VALUE SPACE.  41
                88  PD-GAS-FILED-BY-EDI                  VALUE 'Y'.
            03  PD-G-REMOVED-WELL-PROD-DISCREP PIC X(01)  VALUE 'N'.  42
            03  PD-G-REMOVED-CON-EXT-L-DISCREP PIC X(01)  VALUE 'N'.  43
            03  PD-G-REMOVED-CON-INSUF-DISCREP PIC X(01)  VALUE 'N'.  44
            03  PD-G-REMOVED-CODE-3-DISCREP   PIC X(01)  VALUE 'N'.  44
            03  FILLER                        PIC X(07)  VALUE SPACE.  44
        02  RRC-TAPE-FILLER                      PIC X(0058).  45
```

```
******************************************************************
* PDW700M1                                                       *
*                                                                *
*          THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*                GAS PRODUCTION REPORT SEGMENT                   *
*                                                                *
* SEGMENT NAME:  PDGPROD                                         *
******************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 15   Production Report Segment

PD-GAS-PROD

This numeric data item contains the positive amount of gas in MCF
produced from the well for the cycle as was reported by the
operator on the Form P-2 (Producer's Monthly Report of Gas Wells).

PD-GAS-LIFT-GAS-INJECTED

This numeric data item contains the positive amount of gas in MCF
that was injected into the gas well for the purpose of enhancing
production.

PD-COND-PROD

The amount of liquids produced and separated at the well location
as reported by the operator. The amount is given in basic
barrels.

PD-GAS-BATCH-NUMBER

This is a number assigned by RRC to identify a batch of production
reports which were keyed by data entry personnel. This batch
number is for RRC internal use only.

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```
------------------
PD-GAS-ITEM-NUMBER
------------------
This data item identifies the order in which production reports in
a batch are posted to the database.  This is for RRC internal use
only.

-------------------
PD-GAS-POSTING-DATE
-------------------
This data item identifies the date a production report was posted
to the production database for the gas well, format is
YYYY/MM/DD.

--------------------------
PD-G-REMOVED-FLARING-DISCREP
--------------------------
This data item indicates whether or not the 'FLARING' discrepancy
has been removed by the production clerk.  This is done on-line
and is only effective for this cycle of production.
     N    No action taken
     Y    Has been removed

--------------------------
PD-G-REMOVED-SEALED-DISCREP
--------------------------
This data item indicates whether or not the 'SEALED' discrepancy
has been removed by the production clerk.  This is done on-line
and is only effective for this cycle of production.
     N    No action taken
     Y    Has been removed

-----------------------
PD-G-REMOVED-H-8-DISCREP
-----------------------
This data item indicates whether or not the 'H-8' discrepancy has
been removed by the production clerk.  This is done on-line and is
only effective for this cycle of production.
     N    No action taken
     Y    Has been removed

----------------------------
PD-G-REMOVED-CIRC-OIL-DISCREP
----------------------------
This data item indicates whether or not the 'CIRC OIL' discrepancy
has been removed by the production clerk.  This is done on-line
and is only effective for this cycle of production.
     N    No action taken
     Y    Has been removed
```

```
--------------------------
PD-G-REMOVED-OTHER-DISCREP
--------------------------
This data item indicates whether or not the 'OTHER' discrepancy
has been removed by the production clerk.  This is done on-line
and is only effective for this cycle of production.
     N     No action taken
     Y     Has been removed


--------------------------
PD-G-REMOVED-CODE4-DISCREP
--------------------------
This data item indicates whether or not the 'CODE 4' (vented)
discrepancy has been removed by the production clerk.  This is
done on-line and is only effective for this cycle of production.
     N     No action taken
     Y     Has been removed


---------------------------
PD-GAS-CORRECTED-REPORT-FLAG
---------------------------
This data item indicates whether or not the report was an original
or a corrected report.
     N     Original report
     Y     Corrected report


---------------------------
PD-G-REMOVED-CODE-6-DISCREP
---------------------------
This data item indicates whether or not the 'CODE 6' (BS&W)
discrepancy has been removed by the production clerk.  This is
done on-line and is only effective for this cycle of production.
     N     No action taken
     Y     Has been removed


------------------
PD-GAS-FILED-BY-EDI
------------------
This data item identifies whether or not the forms were filed
electronically  or not.

     Y = Yes electronically filed
     N = No not electronically filed


---------------------------
PD-G-REMOVED-CODE-3-DISCREP
---------------------------
This data item indicates whether or not the 'CODE 3'
discrepancy has been removed by the production clerk.  This is
done on-line and is only effective for this cycle of production.
     N     No action taken
     Y     Has been removed
```

```
***************************************************************
* PDW700N1                                                    *
*       THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*                 GAS DISPOSITION SEGMENT                     *
*                                                             *
*                                                             *
* SEGMENT NAME:  PDGDSP         RECORD LENGTH: 7 BYTES        *
*-------------------------------------------------------------*
* VARIABLE                    *    TYPE      *   SSA          *
* NAME                        *              *   NAME         *
*-------------------------------------------------------------*
* PD-GAS-DISP-CODE            *   KEY        * PDGDSPCD       *
***************************************************************
   01  RAILROAD-COMMISSION-TAPE-REC.                         POS.
       02  RRC-TAPE-RECORD-ID                    PIC X(02). 1
       02  PD-GAS-DISPOSITION-INFO.
           03  PD-GAS-DISP-CODE         PIC 9(02)  VALUE ZEROS.  3
               88  PD-GAS-DISP-LS-FUEL              VALUE 1.
               88  PD-GAS-DISP-PIPELINE             VALUE 2.
               88  PD-GAS-DISP-PROC-PLANT           VALUE 3.
               88  PD-GAS-DISP-VENT-FLARE           VALUE 4.
               88  PD-GAS-DISP-GAS-LIFT             VALUE 5.
               88  PD-GAS-DISP-REPRESSURE           VALUE 6.
               88  PD-GAS-DISP-CARBON-BLACK         VALUE 7.
               88  PD-GAS-DISP-UNDERGROUND-STORE    VALUE 8.
               88  PD-GAS-DISP-SEP-EXTRACT-LOSS     VALUE 9.
               88  PD-GAS-DISP-NO-CODE              VALUE 99.
           03  PD-GAS-DISP-AMT          PIC S9(09)  COMP-3       5
                                                    VALUE ZEROS.
       02  RRC-TAPE-FILLER                          PIC X(0093). 10
```

```
******************************************************************
* PDW700N1                                                       *
*                                                                *
*          THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*                    GAS DISPOSITION SEGMENT                     *
*                                                                *
* SEGMENT NAME:  PDGDSP                                          *
******************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 16   Disposition Segment

PD-GAS-DISP-CODE

This data item is an audit device. It serves to identify in
detail how gas well gas production is disposed of. These codes
and their associated volumes are used as a tracking mechanism.

    1   Lease and Field Fuel Systems (PD-GAS-DISP-LS-FUEL)
          Gas well gas used, sold, or given to others for field
          operations, lease drilling fuel, or compressor fuel.

    2   Transmission Line (PD-GAS-DISP-PIPELINE)
          Gas well gas delivered to a tranmission line, as well as
          gas used for industrial purposes, irrigation or refinery
          fuel, etc.

    3   Processing Plant (PD-GAS-DISP-PROC-PLANT)
          Gas well gas delivered to a gas processing plant or
          facility, as reported on Form R-3.

    4   Vented or Flared (PD-GAS-DISP-VENT-FLARE)
          Gas well gas vented or flared.

    5   Gas Lift (PD-GAS-DISP-GAS-LIFT)
          Gas used, given, or sold for gas lift. It does not
          include gas delivered to pressure maintenance or
          processing plants, even though the gas may be used for
          gas lift.

    6   Repressure & Pressure Maint. (PD-GAS-DISP-REPRESSURE)
          Gas delivered to a system that does not extract hydro-
          carbon liquids. A pressure maintenance plant or system
          that recovers liquid hydrocarbons reports as a gas
          processing plant on Form R-3.

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7   Carbon Black (PD-GAS-DISP-CARBON-BLACK)
        Gas delivered to a gas carbon black plant.

8   Underground Storage (PD-GAS-DISP-UNDERGROUND-STORE)
        Gas delivered to an underground storage reservoir.

9   Well Separation Extraction Loss (PD-GAS-DISP-SEP-
        EXTRACT-LOSS)
        The loss (or shrinkage) of gas volume due to the
        extraction of condensate from gas well gas by lease
        separation methods. When a gas well produces full well
        stream, the gas equivalent volume of the condensate is
        reported here as gas production in order to be charged
        against the gas allowable.

99   No Code (PD-GAS-DISP-NO-CODE)
        Indicates that an amount was reported without a
        disposition code.

PD-GAS-DISP-AMT

This numeric amount has a positive value and represents the MCF
amount of gas disposed of in the above manner.

```
****************************************************************
* PDW700O1                                                     *
*     THIS COPY IS USED FOR THE PRODUCTION DATABASE'S          *
*     GAS CONDENSATE DISPOSITION AND STOCK ADJUSTMENT SEGMENT  *
*                                                              *
*                                                              *
* SEGMENT NAME:  PDGCONDS           RECORD LENGTH: 7 BYTES     *
*--------------------------------------------------------------*
* VARIABLE                    *      TYPE       *   SSA        *
* NAME                        *                 *   NAME       *
*--------------------------------------------------------------*
* PD-COND-DISP-CODE           *   KEY           * PDCDSPCD     *
*-------------------------------------------------------------- *
* NOTE: PD-COND-STOCK-ADJUSTMENT CAN BE A NEGATIVE AMOUNT.     *
****************************************************************
  01  RAILROAD-COMMISSION-TAPE-REC.                          POS.
      02  RRC-TAPE-RECORD-ID                      PIC X(02). 1
      02  PD-COND-DISPOSITION-INFO.
          03  PD-COND-DISP-CODE          PIC 9(02)  VALUE ZEROS.    3
              88  PD-COND-DISP-PIPELINE              VALUE 0.
              88  PD-COND-DISP-TRUCK                 VALUE 1.
              88  PD-COND-DISP-TANKCAR-BARGE         VALUE 2.
              88  PD-COND-DISP-TANK-CLEANING         VALUE 3.
              88  PD-COND-DISP-CIRC-OIL              VALUE 4.
              88  PD-COND-DISP-LOST                  VALUE 5.
              88  PD-COND-DISP-SEDIMENTATION         VALUE 6.
              88  PD-COND-DISP-OTHER                 VALUE 7.
              88  PD-COND-DISP-SKIM-OIL              VALUE 8.
              88  PD-COND-DISP-SCRUBBER              VALUE 9.
              88  PD-COND-STOCK-ADJUSTMENT           VALUE 10.
              88  PD-COND-DISP-NO-CODE               VALUE 99.
          03  PD-COND-DISP-AMT           PIC S9(09)  COMP-3         5
                                                    VALUE ZEROS.
      02  RRC-TAPE-FILLER                          PIC X(0093). 10
```

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```
******************************************************************
* PDW700O1                                                       *
*                                                                *
*      THIS COPY IS USED FOR THE PRODUCTION DATABASE'S           *
*      GAS CONDENSATE DISPOSITION AND STOCK ADJUSTMENT SEGMENT   *
*                                                                *
* SEGMENT NAME:  PDGCONDS                                        *
******************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 17   Condensate Disposition & Stock Adjustment Segment

PD-COND-DISP-CODE

This data item is an audit device. It serves to identify in
detail how condensate production is disposed of. These codes and
their associated volumes are used as a tracking mechanism.

     0   Pipeline (PD-COND-DISP-PIPELINE)
           The direct removal of condensate by an authorized
           pipeline gatherer. The volume is compared to that shown
           by the transporter on Form T-1.

     1   Truck (PD-COND-DISP-TRUCK)
           The direct removal of condensate by an authorized truck
           gatherer. The volume is compared to that shown by the
           transporter on Form T-1.

     2   Tank Car or Barge (PD-COND-DISP-TANKCAR-BARGE)
           The direct removal of condensate by an authorized tank
           car or barge gatherer. The volume is compared to that
           shown by the transporter on Form T-1.

     3   Net Cond. Tank Cleaning (PD-COND-DISP-TANK-CLEANING)
           An adjustment to and/or lease use of production already
           measured by the operator. Specifically, net condensate
           is a volume that results from a tank cleaning. The
           volume is compared to that shown by the authorized
           cleaner on Form P-9.

4   Circulating Oil (PD-COND-DISP-CIRC-OIL)
     Original movement off the lease. The operator of the
     well has measured and released the stated volume to the
     operator of another well for use as frac liquid on the
     second lease. The operator of the first well must also
     file an explanatory letter.

5   Lost (PD-COND-DISP-LOST)
     Any loss of liquid hydrocarbons due to a spill. When
     there is a spill of any volume with a resulting loss of
     5 or more barrels of condensate, or when the spill
     affects a body of water, a Form H-8 must also be filed.
     This is condensate which has already been measured as
     production by the producing operator and so will only be
     shown as a disposition.

6   Sedimentation (PD-COND-DISP-SEDIMENTATION)
     It indicates an adjustment to and/or lease use of production
     already measured by the well operator. Specifically,
     BS&W (basic sediment and water) is a volume that results
     from a tank cleaning. The volume is compared to that shown
     by the authorized cleaner on Form P-9.

7   Other (PD-COND-DISP-OTHER)
     A catch-all involving stock adjustments, water bleed-off,
     lease use, road oil, and theft. The material has
     already been measured as production by the producing
     operator and so will only be shown as a disposition;
     therefore, there is no allocation back to the gas well.

8   Skim Oil (PD-COND-DISP-SKIM-OIL)
     Accounts for indirect disposition of production as
     measured by others (i.e., by allocation). It relates to
     production that has not been measured by the producer
     because it left the lease entrained in saltwater going
     to a saltwater gathering system. Since there is no way
     of knowing what volume of liquid hydrocarbons came from
     a particular producing property, liquid hydrocarbons
     above a specified tolerance level are allocated back to
     producing properties in proportion to the amount of
     saltwater that came from each property. The volume is
     compared to that shown on Form P-18.

9   Scrubber Oil (PD-COND-DISP-SCRUBBER)
     Accounts for indirect disposition of production as
     measured by others (i.e., by allocation). It relates to
     production that has not been measured by the producer
     because it left the lease entrained in gas well gas
     going to a gas processing plant. Since there is no way
     of knowing what volume of liquid hydrocarbons came from
     a particular producing property, liquid hydrocarbons
     above a specified tolerance level are allocated back to
     producing properties in proportion to the amount of gas
     well gas that came from each property. The volume is
     compared to that shown on Form R-3.

10   Stock Adjustment (PD-COND-STOCK-ADJUSTMENT)
              Code used by ADP only to adjust stock on hand. Because
              of the formula used to calculate stock on hand each
              month, a negative amount in PD-COND-DISP-AMT indicates
              adding stock on hand to the gas well, while a positive
              amount indicates subtracting stock on hand. This code
              is commonly used for lease consolidations, subdivisions,
              etc.

        99   No Code (PD-COND-DISP-NO-CODE)
              Indicates that an amount was reported without a
              disposition code.

PD-COND-DISP-AMT

This numeric amount has a positive value and represents the number
of barrels of condensate disposed of in the above manner, except
for Code 10 amounts which may be negative (see above).

```
*****************************************************************
* PDW700P1                                                      *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*             GAS COMMINGLE PERMIT PRODUCTION SEGMENT           *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDGCMPMT        RECORD LENGTH: 20 BYTES        *
*---------------------------------------------------------------*
* VARIABLE                        *    TYPE      *    SSA       *
* NAME                            *              *    NAME      *
*---------------------------------------------------------------*
*PD-GAS-COMMINGLE-PERMIT-NUMBER * KEY           * PDGCMPKY      *
*****************************************************************
  01  RAILROAD-COMMISSION-TAPE-REC.                        POS.
     02  RRC-TAPE-RECORD-ID                       PIC X(02). 1
     02  PD-GAS-COMMINGLE-PERMIT-SEG.
        03  PD-GAS-COMMINGLE-PERMIT-NUMBER.
           05  PD-GAS-COMMINGLE-DISTRICT   PIC 9(02)  VALUE ZEROS. 3
           05  PD-GAS-COMMINGLE-NUMBER     PIC 9(05)  VALUE ZEROS. 5
        03  FILLER                         PIC X(13)  VALUE ZEROS. 10
     02  RRC-TAPE-FILLER                         PIC X(0080). 23
```

```
****************************************************************
* PDW700P1                                                    *
*                                                             *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S     *
*              GAS COMMINGLE PERMIT PRODUCTION SEGMENT        *
*                                                             *
* SEGMENT NAME:  PDGCMPMT                                     *
****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 18   Commingle Permit Production Segment

PD-GAS-COMMINGLE-PERMIT-NUMBER

This is the number assigned to a group of wells involved in the
commingling or combined mixing of produced liquids. This data
item includes PD-GAS-COMMINGLE-DISTRICT and PD-GAS-COMMINGLE-
NUMBER.

PD-GAS-COMMINGLE-DISTRICT

The primary RRC district of the permit. The 14 districts are
represented by a one through fourteen numeric value. The table
below indicates the converted values:

	RRC DISTRICT			RRC DISTRICT	
VALUE		ID	VALUE		ID
01	-	01	08	-	7B
02	-	02	09	-	7C
03	-	03	10	-	08
04	-	04	11	-	8A
05	-	05	12	-	8B (not used)
06	-	06	13	-	09
07	-	6E (oil only)	14	-	10

```
----------------------
PD-GAS-COMMINGLE-NUMBER
----------------------

This is the actual commingling permit number assigned by the RRC to
the group of wells, including this well, that are engaged in
commingling activity.
```

```
*****************************************************************
* PDW700S1                                                      *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*                 GAS BALANCING PERIOD SEGMENT                  *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDGSTAT           RECORD LENGTH: 50 BYTES      *
*---------------------------------------------------------------*
* VARIABLE                        *     TYPE        *   SSA     *
* NAME                            *                 *   NAME    *
*---------------------------------------------------------------*
*  NO KEY                         *                 *           *
*****************************************************************
  01  RAILROAD-COMMISSION-TAPE-REC.                              POS.
     02  RRC-TAPE-RECORD-ID                         PIC X(02). 1
     02  PD-GAS-BALANCING-PERIOD-INFO.
         03  PD-GAS-BALANCING-PERIOD-STATUS PIC S9(09) COMP-3    3
                                            VALUE ZEROS.
         03  PD-GAS-CANCELLED-UNDERAGE      PIC S9(09) COMP-3    8
                                            VALUE ZEROS.
         03  PD-GAS-OFF-FILE-BAL-PER-STATUS PIC S9(09) COMP-3    13
                                            VALUE ZEROS.
         03  PD-GAS-OFF-FILE-CUM-OVERAGE    PIC S9(09) COMP-3    18
                                            VALUE ZEROS.
         03  FILLER                         PIC X(30)  VALUE ZEROS. 23
     02  RRC-TAPE-FILLER                             PIC X(0050). 53
```

```
******************************************************************
* PDW700S1                                                       *
*                                                                *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*                  GAS BALANCING PERIOD SEGMENT                  *
*                                                                *
* SEGMENT NAME:  PDGSTAT                                         *
******************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 19   Balancing Period Segment

PD-GAS-BALANCING-PERIOD-STATUS

This numeric value is the amount of gas underage, a negative
amount, or the amount of gas overage, a positive amount,
accumulated since the last balancing period status date.

PD-GAS-CANCELLED-UNDERAGE

This numeric value is the amount of gas underage from the previous
balancing period that was not used during this balancing period
(the balancing period that this segment represents).

Note: Gas balancing requires the ability to know what was once on
      the GAS REPORTING CYCLE segment, the GAS BALANCING PERIOD
      segment, and the GAS REINSTATED UNDERAGE segment. The
      oldest cycle segment data is significant because it contains
      the gas balancing information that is needed. The segment
      is rolled off or removed at the end of each cycle. The "off
      file" data items that follow represent the data item values
      as of just before the oldest cycle segment on the database.

PD-GAS-OFF-FILE-BAL-PER-STATUS

The "off file" balancing period status is the equivalent of the
PD-GAS-BALANCING-PERIOD-STATUS figure above, but it represents the
status as of the most recent balancing period status date that is
not on file.

```
---------------------------
PD-GAS-OFF-FILE-CUM-OVERAGE
---------------------------
```
The cumulative overage is a numeric amount that is maintained on
the GAS REPORTING CYCLE segment. The "off file" cumulative
overage represents the overage accumulated up to and not including
the oldest cycle on the database.

```
     *****************************************************************
     * PDW700T1                                                      *
     *         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
     *                 GAS REINSTATED UNDERAGE SEGMENT               *
     *                                                               *
     *                                                               *
     * SEGMENT NAME:  PDGREIN            RECORD LENGTH: 50 BYTES     *
     *---------------------------------------------------------------*
     * VARIABLE                         *    TYPE       *   SSA      *
     * NAME                             *               *   NAME     *
     *---------------------------------------------------------------*
     * PD-GAS-REIN-UNDG-BEG-DATE-KEY *    KEY        * PDREINKY     *
     *****************************************************************
      01  RAILROAD-COMMISSION-TAPE-REC.                          POS.
          02  RRC-TAPE-RECORD-ID                      PIC X(02). 1
          02  PD-GAS-REINSTATED-UNDERAGE-SEG.
              03  PD-GAS-REIN-UNDG-BEG-DATE-KEY.
                  05  PD-GAS-REIN-UNDG-BEG-YEAR  PIC 9(04)  VALUE ZEROS.  3
                  05  PD-GAS-REIN-UNDG-BEG-MNTH  PIC 9(02)  VALUE ZEROS.  7
              03  PD-GAS-REINSTATED-UNDG-AMOUNT  PIC S9(09) COMP-3        9
                                                            VALUE ZEROS.
              03  FILLER                         PIC X(39)  VALUE ZEROS. 14
          02  RRC-TAPE-FILLER                           PIC X(0050). 53
```

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```
*****************************************************************
* PDW700T1                                                     *
*                                                              *
*          THIS COPY IS USED FOR THE PRODUCTION DATABASE'S     *
*                  GAS REINSTATED UNDERAGE SEGMENT             *
*                                                              *
* SEGMENT NAME:  PDGREIN                                       *
*****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 20   Reinstated Underage Segment

PD-GAS-REIN-UNDG-BEG-DATE-KEY

This data item identifies the date the underage was reinstated and
is the key to the segment. If the cycle includes more than one
month (bi-monthly reporting, quarterly reporting, etc.), the date
key will be the year and month of the first month in the cycle.
Format is YYYY/MM.

PD-GAS-REINSTATED-UNDG-AMOUNT

This is a positive numeric amount that represents the gas underage
that was reinstated as of the year and month found in the previous
data item.

```
****************************************************************
* PDW700U3                                                     *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*                GAS PREVIOUS PROD RPT SEGMENT                 *
*                                                              *
*                                                              *
* SEGMENT NAME:  PDGPRPV          RECORD LENGTH:  20 BYTES     *
*--------------------------------------------------------------*
* VARIABLE                     *      TYPE       *  SSA         *
* NAME                         *                 *  NAME        *
*--------------------------------------------------------------*
* NO KEY                       *                 *              *
****************************************************************
  01   RAILROAD-COMMISSION-TAPE-REC.                        POS.
     02  RRC-TAPE-RECORD-ID                        PIC X(02). 1
     02  PD-GAS-PREV-PROD-RPT-SEG.
        03  PD-GAS-PREV-POSTING-DATE.
           05  PD-GAS-PREV-POSTING-YEAR   PIC 9(04)   VALUE ZEROS.3
           05  PD-GAS-PREV-POSTING-MONTH  PIC 9(02)   VALUE ZEROS.7
           05  PD-GAS-PREV-POSTING-DAY    PIC 9(02)   VALUE ZEROS.9
        03  PD-GAS-PREV-BATCH-NUMBER      PIC X(03)   VALUE ZEROS.11
        03  PD-GAS-PREV-ITEM-NUMBER       PIC 9(04)   VALUE ZEROS.14
        03  PD-GAS-PREV-CHANGED-FLAG      PIC X(01)   VALUE SPACE.18
           88  PD-GAS-PREV-CHANGED                    VALUE 'C'.
        03  PD-GAS-PREV-FILED-BY-EDI-FLAG PIC X(01)   VALUE SPACE.19
           88  PD-GAS-PREV-FILED-BY-EDI               VALUE 'Y'.
        03  FILLER                        PIC X(03)   VALUE SPACE.20
     02  RRC-TAPE-FILLER                           PIC X(0084). 19
```

```
*****************************************************************
* PDW700U1                                                      *
*                                                               *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*               GAS PREVIOUS PROD RPT SEGMENT                   *
*                                                               *
* SEGMENT NAME:  PDGPRPV                                         *
*****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 21   Previous Production Report Segment

PD-GAS-PREV-POSTING-DATE

This data item identifies the date a production report was posted
to the database for the gas well, format is YYYY/MM/DD.

PD-GAS-PREV-BATCH-NUMBER

This is a number assigned by RRC to identify a batch of production
reports which were keyed by data entry personnel. This batch
number is for RRC internal use only.

PD-GAS-PREV-ITEM-NUMBER

This data item identifies the order in which production reports in
a batch are posted to the database. This is for RRC internal use
only.

PD-GAS-PREV-FILED-BY-EDI

This data item identifies whether or not the forms were
previously filed electronically or not.

     Y = Yes electronically filed
     N = No not electronically filed

```
***************************************************************
*   PDW700W1                                                  *
*       THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
*                  PRODUCTION REMARKS SEGMENT                 *
*                                                             *
*                                                             *
* SEGMENT NAME: PDREMARK            RECORD LENGTH: 80 BYTES   *
*-------------------------------------------------------------*
* VARIABLE                   |      TYPE       |    SSA       *
* NAME                       |                 |    NAME      *
*-------------------------------------------------------------*
* PD-REMARK-KEY              |      KEY        | PDREMKEY     *
*------------------------------------------------------------- *
***************************************************************
  01   RAILROAD-COMMISSION-TAPE-REC.                            POS.
       02   RRC-TAPE-RECORD-ID                      PIC X(02).  1
       02   PD-REMARKS-SEGMENT.
            03   PD-REMARK-KEY.
                 05   PD-REMARK-NUMBER         PIC 9(03) VALUE ZEROS.   3
                 05   PD-REMARK-LINE-NO        PIC 9(02) VALUE ZEROS.   6
            03   PD-REMARK-TEXT                PIC X(70) VALUE SPACES.  8
            03   FILLER                        PIC X(05) VALUE ZEROS.   78
       02   RRC-TAPE-FILLER                         PIC X(0020).  83
```

```
*****************************************************************
* PDW700W1                                                      *
*                                                               *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*                   PRODUCTION REMARKS SEGMENT                  *
*                                                               *
* SEGMENT NAME: PDREMARK                                        *
*****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 22   Production Remarks Segment

PD-REMARK-KEY

Group data item containing the PD-REMARK-NUMBER and the
PD-REMARK-LINE-NO.

PD-REMARK-NUMBER

This data item indicates the number of the remark. Remark numbers
are decremented from an initial value of 999 to allow the most
current remark to exist first in the database.

PD-REMARK-LINE-NO

This data item indicates the number of the line within the remark.

```
*****************************************************************
* PDW701C1                                                      *
*        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
*        PRODUCTION DISPOSITION REMARKS (GAS VERSION)           *
*        (FOR GAS DISPOSITION CODE 4 ONLY)                      *
*        (NON RECURRING SEGMENT)                                *
*                                                               *
*                                                               *
* SEGMENT NAME:  PDGDSPRK          RECORD LENGTH:  60 BYTES     *
*---------------------------------------------------------------*
* VARIABLE                    *      TYPE        *   SSA         *
* NAME                        *                  *   NAME        *
*---------------------------------------------------------------*
* NON-KEYED SEGMENT           *    NON-KEYED     *  --------     *
*****************************************************************
 01  RAILROAD-COMMISSION-TAPE-REC.                          POS.
     02  RRC-TAPE-RECORD-ID                      PIC X(02). 1
     02  PD-GAS-DISP-REMARKS-SEG.
         05  PD-GAS-DSP-RMK-DATE.
             10  PD-GAS-RMK-YEAR-4.
                 15  PD-GAS-RMK-CENTURY  PIC 9(02)  VALUE ZEROS.  7
                 15  PD-GAS-RMK-YEAR     PIC 9(02)  VALUE ZEROS.  9
             10  PD-GAS-RMK-MONTH        PIC 9(02)  VALUE ZEROS.  3
             10  PD-GAS-RMK-DAY          PIC 9(02)  VALUE ZEROS.  5
         05  PD-GAS-DISP-REMARK-TEXT     PIC X(40)  VALUE SPACES. 11
         05  FILLER                      PIC X(12)  VALUE ZEROS.  51
     02  RRC-TAPE-FILLER                         PIC X(0040). 63
```

```
****************************************************************
* PDW701C1                                                    *
*         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S     *
*         PRODUCTION DISPOSITION REMARKS (GAS VERSION)        *
*         (FOR OIL DISPOSITION CODE 4 ONLY)                   *
*                                                             *
*                                                             *
* SEGMENT NAME:  PDGDSPRK          RECORD LENGTH:  60 BYTES   *
****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 25   Production Gas Disposition Remark

PD-GAS-RMK-CENTURY

This data item contains the century that the remark was entered or
changed.

PD-GAS-RMK-YEAR

This data item contains the year that the remark was entered or
changed.

PD-GAS-RMK-MONTH

This data item contains the month that the remark was entered or
changed.

PD-GAS-RMK-DAY

This data item contains the day that the remark was entered or
changed.

PD-GAS-DISP-REMARK-TEXT

This data item contains the remarks text entered or filed
electronically.

```
 ******************************************************************
 * PDW701D1                                                      *
 *        THIS COPY IS USED FOR THE PRODUCTION DATABASE'S        *
 *        PRODUCTION DISPOSITION REMARKS (GAS CONDENSATE VERSION)*
 *        (FOR GAS CONDENSATE DISPOSITION CODE 7 ONLY)           *
 *        (NON RECURRING SEGMENT)                                *
 *                                                               *
 *                                                               *
 * SEGMENT NAME:  PDCNDRMK           RECORD LENGTH:  60 BYTES    *
 *---------------------------------------------------------------*
 * VARIABLE                     *     TYPE        *    SSA       *
 * NAME                         *                 *    NAME      *
 *---------------------------------------------------------------*
 * NON-KEYED SEGMENT            *    NON-KEYED    *  --------    *
 ******************************************************************
  01  RAILROAD-COMMISSION-TAPE-REC.                             POS.
      02  RRC-TAPE-RECORD-ID                        PIC X(02). 1
      02  PD-GAS-COND-DISP-REMARKS-SEG.
          05  PD-GAS-COND-DSP-RMK-DATE.
              10  PD-GAS-COND-RMK-YEAR-4.
                  15  PD-GAS-COND-RMK-CENTURY PIC 9(02)  VALUE ZEROS.  7
                  15  PD-GAS-COND-RMK-YEAR    PIC 9(02)  VALUE ZEROS.  9
              10  PD-GAS-COND-RMK-MONTH       PIC 9(02)  VALUE ZEROS.  3
              10  PD-GAS-COND-RMK-DAY         PIC 9(02)  VALUE ZEROS.  5
          05  PD-GAS-COND-DISP-REMARK-TEXT    PIC X(40)  VALUE SPACES. 11
          05  FILLER                          PIC X(12)  VALUE ZEROS.  51
      02  RRC-TAPE-FILLER                             PIC X(0040). 63
```

```
*****************************************************************
* PDW701D1                                                     *
*          THIS COPY IS USED FOR THE PRODUCTION DATABASE'S     *
*          PRODUCTION DISPOSITION REMARKS (GAS CONDESATE VERSION) *
*          (FOR OIL DISPOSITION CODE 4 ONLY)                   *
*                                                              *
*                                                              *
* SEGMENT NAME:  PDCNDRMK          RECORD LENGTH:  60 BYTES    *
*****************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 26   Production Condensate Disposition Remark

PD-GAS-COND-RMK-CENTURY

This data item contains the century that the remark was entered or
changed.

PD-GAS-COND-RMK-YEAR

This data item contains the year that the remark was entered or
changed.

PD-GAS-COND-RMK-MONTH

This data item contains the month that the remark was entered or
changed.

PD-GAS-COND-RMK-DAY

This data item contains the day that the remark was entered or
changed.

PD-GAS-COND-DISP-REMARK-TEXT

This data item contains the remarks text entered or filed
electronically.

```
1        ****************************************************************
         * PDW701F1                                                    *
         *       THIS COPY IS USED FOR THE PRODUCTION DATABASE'S       *
         *             SEPARATION/EXTRACTION LOSS SEGMENT              *
         *                                                             *
         * SEGMENT NAME:  PDGSEPEX          RECORD LENGTH: 50 BYTES    *
         *-------------------------------------------------------------
         *    ***  NON-RECURRING   ***                                 *
         ****************************************************************
          01   Railroad-Commission-Tape-Rec                       POSITION
             02   RRC-TAPE-RECORD-ID              PIC X(02)           1
             02   PD-SEPARATE-EXTRACT-LOSS-SEG.
                05   PD-GAS-DRY-GAS-AMOUNT         PIC 9(09)   VALUE ZEROS. 3
                05   PD-GAS-EXTRACT-LOSS-FACTOR    PIC 99V999 VALUE ZEROS. 12
                05   FILLER                        PIC X(36)   VALUE ZEROS. 17
             02  FILLER                            PIC X(50)   VALUE SPACES 51
         **************************** Bottom of Data ****************************
```

```
1    ***************************************************************
     * PDW701F1                                                    *
     *         THIS COPY IS USED FOR THE PRODUCTION DATABASE'S     *
     *             SEPARATION/EXTRACTION LOSS SEGMENT              *
     *                                                             *
     * SEGMENT NAME:  PDGSEPEX           RECORD LENGTH: 50 BYTES   *
     *-------------------------------------------------------------*
     ***************************************************************
```

RRC-TAPE-RECORD-ID

This two-digit number indicates the Railroad Commission (RRC)
production database tape's record ID. Contained in the first
two bytes of each record, this record ID tells what type of
information will be found in each record.

RRC ID
Value   Tape Record Description
 27   Gas Separation/Extraction Loss

PD-GAS-DRY-GAS-AMOUNT (effective 02/11/2005)

This numeric data item contains the positive amount of gas in MCF
produced from the well excluding the liquids for the cycle as
was reported by the operator on the Producer's Monthly Report
of Gas Wells. This volume is multiplied by the Separation
Extraction Loss Factor (below) to arrive at the Wet Gas Volume.
The Wet Gas Volume is used by the RRC in all allowable
calculations.

PD-GAS-EXTRACT-LOSS-FACTOR   (effective 02/11/2005)

This numeric data item is a positive number extending three
places to the right of the decimal. This number reflects
shrinkage of gas volume when condensate is extracted from
gas well gas by lease separation methods. This factor is used
to calculate the actual gas production for a gas well.

IV. APPENDIX A

```
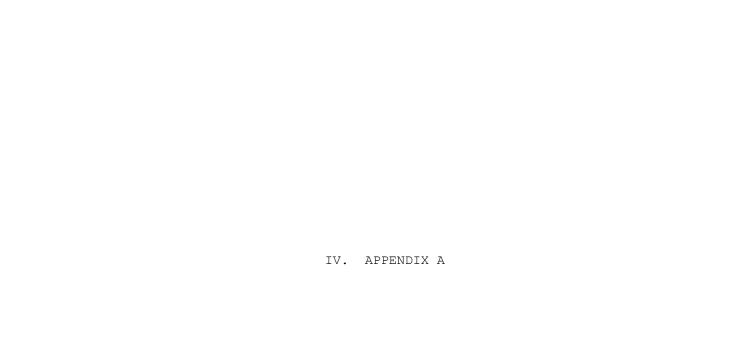                    GAS ALLOWABLE CODES
                    _____



        A brief description of the allowables is given in this appendix.
The allowable codes given below are not necessarily the allowable codes
that will print on the Proration Schedule; these codes are simply
a way to store the type of allowable in the system (and may not print
on the schedule at all).


   blank   Producing With No Exceptions or Limitations, Top Allowable
   A       Plugged well
   C       Cycling (Allow Zero)
   D       Disposal well
   H       Shut-in
   #       Restricted to 100% of the Daily Production Test (DPT)
   I       Injection Well (allowable is zero)
   J       Temporarily Abandoned (T.A.)
   K       Shut-in well (exception to 14(b)(2) well)
   L       Limited to highest daily production last 12 months;
           underage may not be accumulated
   N       Special Allowable granted by administrative action
   *       Up to twice average production prior six months (no limit)
   O       Delinquent G-10 (Gas Well Status Report)
   R       Deliverability + overage (supplement only) & word allowables
   S       Special Allowable granted by Commission action (hearing),
   T       Incomplete G-10
   @       Limited to top production
   U       Limited to highest daily production last 12 months;
           underage may be accumulated
   W       Withheld pending receipt of forms
   X       Exempt (Salvage)
   Z       Not eligible for allowable
   %       Plugged and abandoned condensate on hand
   >       Delinquent P-2 (Producer's Monthly Report of Gas Wells)
```