



RAILROAD COMMISSION OF TEXAS
OIL AND GAS FIELD INFORMATION
USER'S GUIDE

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This publication was developed for the general public in response to inquiries concerning the availability of oil and gas field information on magnetic tape. If you request assistance in using this manual, your request will be given every consideration.

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1. GENERAL INFORMATION

Identification

Developed For: Users of Oil and Gas Field Information

By: Railroad Commission of Texas

System Name: Oil and Gas Field Information

Computer: IBM 2003-116

System Description

This file contains information related to all oil and gas fields in Texas. Fields appearing on the Oil and Gas Production Schedules will appear on this file. The information contained on this tape includes: general oil and gas information pertaining to the individual fields; field rules; field remarks; field allocation formulas and their corresponding factors; 49(b) calculations for 49(B) gas fields; allowable statistics for 26 months; production statistics for 24 months; nominator information from the Form T-3; and A-sheet information.

Physical Tape Characteristics

1600 or 6250 BPI, Channel Phase Encoded

IBM Standard Labels

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

Dataset Name: T.FLF900

Record Length: 240

Blocking Factor: 134

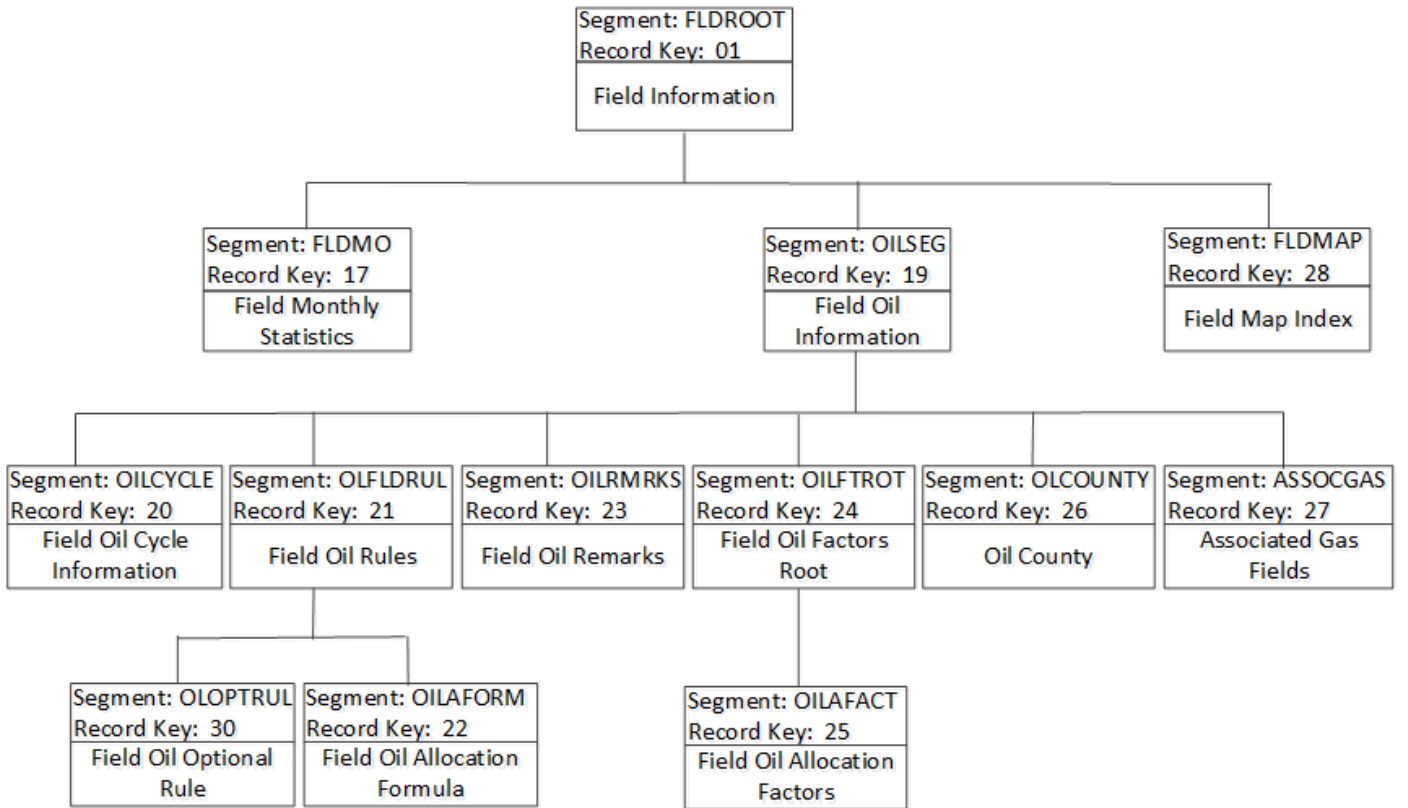
Blocksize: 32,160

The keys to the Field Tape records can be found in the first two bytes of each record. The key representation is as follows:

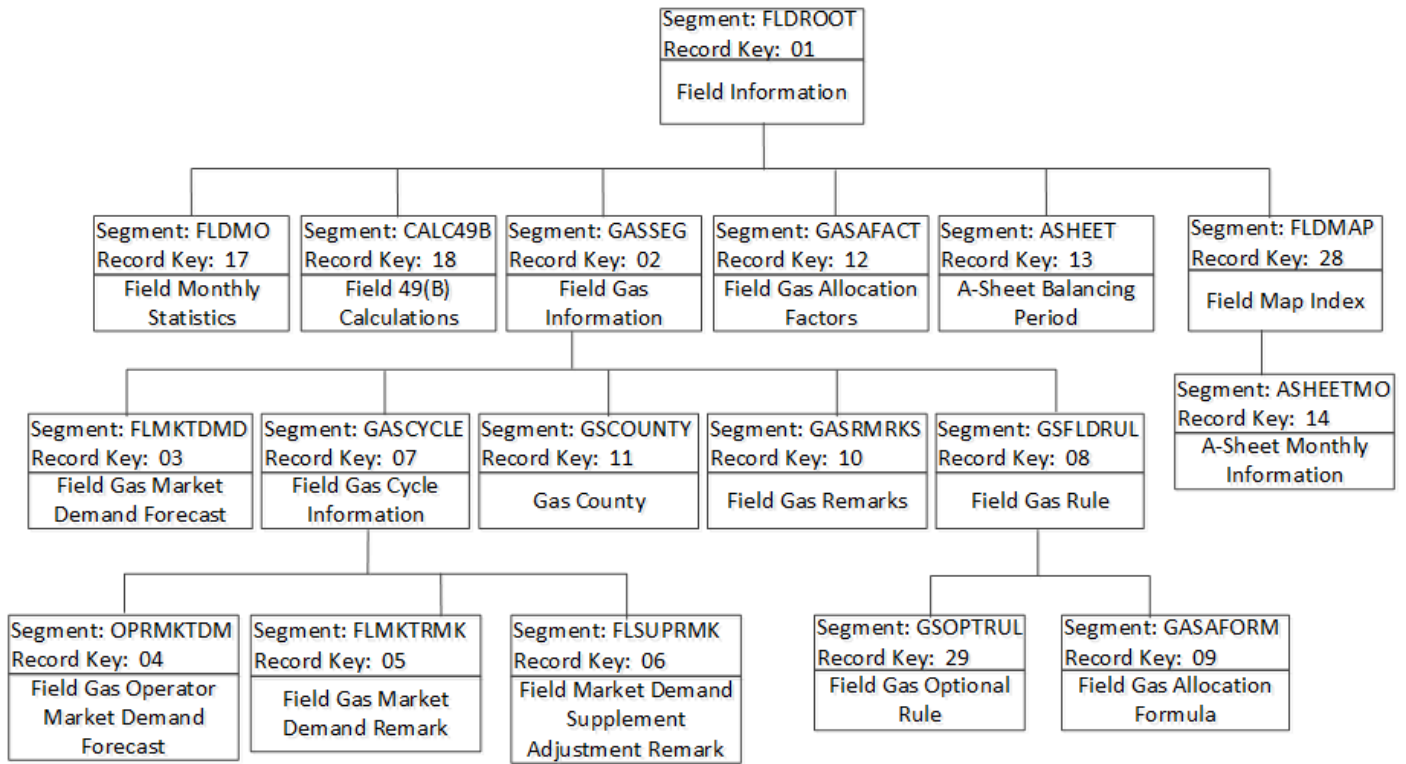
Record Key	Segment Name	Description
01	FLDROOT	Field Information
02	GASSEG	Field Gas Information
03	FLMKTDM	Field Gas Market Demand Forecast
04	OPRMKTDM	Field Gas Operator Market Demand Forecast
05	FLMKTRMK	Field Gas Market Demand Remark
06	FLSUPRMK	Field Market Demand Supplement Adjustment Remark
07	GASCYCLE	Field Gas Cycle Information
08	GSFLDRUL	Field Gas Rule
09	GASAFORM	Field Gas Allocation Formula
10	GASRMRS	Field Gas Remarks
11	GSCOUNTY	Gas County
12	GASAFACT	Field Gas Allocation Factors
13	ASHEET	A-Sheet Balancing Period
14	ASHEETMO	A-Sheet Monthly Information
15	FLT3ROOT	T-3 Root
16	FLDT3	T-3 Form
17	FLDMO	Field Monthly Statistics
18	CALC49B	Field 49(B) Calculations
19	OILSEG	Field Oil Information
20	OILCYCLE	Field Oil Cycle Information
21	OLFLDRUL	Field Oil Rules
22	OILAFORM	Field Oil Allocation Formula
23	OILMRKS	Field Oil Remarks
24	OILFTROT	Field Oil Factors Root
25	OILAFACT	Field Oil Allocation Factors
26	OLCOUNTY	Oil County
27	ASSOCGAS	Associated Gas Fields
28	FLDMAP	Field Map Index
29	GSOPTRUL	Field Gas Optional Rule
30	OLOPTRUL	Field Oil Optional Rule

See Appendix A for the key to the abbreviations that form data item names.

Oil Field Database Hierarchy



Gas Field Database Hierarchy



2. FILE INFORMATION

Field Information

```

*****
*
*       THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
*
*           FIELD INFORMATION SEGMENT.
*           (ROOT SEGMENT)
*
*
* SEGMENT NAME:  FLDROOT                      140 BYTES
*-----*
* VARIABLE          ]          TYPE          ]    SSA          *
* NAME              ]                      ]    NAME          *
*-----*
* FL-ROOT-KEY      ]    KEY                  ]    FLDKEY        *
* FL-NUMBER        ]    SECONDARY INDEX     ]    XFLDNUM       *
* FL-NAME          ]    SECONDARY INDEX     ]    XFLDNAME      *
* FL-FIELD-CLASS   ]    SEARCH              ]    FLDCLASS      *
* FL-RESERVOIR-NAME ]    SEARCH              ]    FLDRESVR      *
*-----*
*****
01 RAILROAD-COMMISSION-TAPE-REC.                POS
   02 RRC-TAPE-RECORD-ID                        PIC X(02).    1
   02 FIELD-ROOT.
     03 FL-ROOT-KEY.
       05 FL-DISTRICT                          PIC X(2)    VALUE ZERO.    3
         88 FL-VALID-DISTRICT                  VALUE '01', '02',
           '03', '04', '05', '06', '07', '08',
           '09', '10', '11', '13', '14'.
       05 FL-NUMERIC-DISTRICT REDEFINES FL-DISTRICT PIC 99.
       05 FL-NUMBER                          PIC 9(8)    VALUE ZERO.    5
       05 FILLER REDEFINES FL-NUMBER.
         10 FL-FIELD-NUMBER                    PIC 9(5).
         10 FL-RESERVOIR-NUMBER                PIC 9(3).
     03 FL-NAME                              PIC X(32)    VALUE SPACES.    13
     03 FL-FIELD-CLASS                       PIC X(01)    VALUE SPACES.    45
       88 FL-GAS-FIELD                        VALUE 'G'.
       88 FL-OIL-FIELD                        VALUE 'O'.
       88 FL-OIL-GAS-FIELD                    VALUE 'B'.
     03 FL-RESERVOIR-NAME                     PIC X(30)    VALUE SPACES.    46
     03 FL-FORMATION-COMPOSITION              PIC X(02)    VALUE SPACES.    76
       88 FL-SANDSTONE                        VALUE 'SS'.
       88 FL-LIMESTONE                        VALUE 'LS'.
       88 FL-DOLOMITE                         VALUE 'DO'.
       88 FL-ANHYDRITE                        VALUE 'AN'.
       88 FL-CONGLOMERATE                     VALUE 'CG'.
       88 FL-GRANITE-WASH                     VALUE 'GW'.
       88 FL-WEATHERED-GRANITE                VALUE 'WG'.
       88 FL-SERPENTINE                       VALUE 'SP'.
       88 FL-DOLOMITE-LIMES                   VALUE 'DL'.
     03 FILLER                                PIC X(05)    VALUE ZERO.    78
     03 FL-4-MONTH-TEST-EXCPT                 PIC X(01)    VALUE ZERO.    83
       88 ONE-MONTH-TEST                      VALUE '1'.
       88 THREE-MONTH-TEST                    VALUE '3'.

```


	88	FOUR-MONTH-TEST		VALUE '4'.	
03		FILLER	PIC X(01)	VALUE ZERO.	84
03		FL-HYDROGEN-SULFIDE-CD	PIC X(01)	VALUE 'N'.	85
	88	FL-NO-H2S		VALUE 'N'.	
	88	FL-H2S-PRESENT		VALUE 'Y'.	
	88	FL-H2S-PRESENT-BUT-EXEMPT		VALUE 'E'.	
03		FL-GAS-OIL-RATIO-CODE	PIC X(01)	VALUE SPACES.	86
	88	FL-GAS-OIL-RATIO		VALUE 'G'.	
	88	FL-GAS-LIMIT		VALUE 'L'.	
	88	FL-GAS-LIMIT-BASED-ON-TOP-WELL		VALUE 'K'.	
03		FL-GAS-OIL-RATIO-OR-LIMIT	PIC 9(05)	VALUE ZERO.	87
03		FL-NET-GOR-RULE-CODE	PIC X(01)	VALUE SPACES.	92
	88	FL-REGULAR-RULE		VALUE 'R'.	
	88	FL-NET-BASED-ON-GOR		VALUE 'G'.	
	88	FL-NET-LIMITED-AMOUNT		VALUE 'L'.	
	88	FL-NET-UNLIMITED-AMOUNT		VALUE 'U'.	
03		FL-NET-GOR-RATIO-OR-LIMIT	PIC 9(05)	VALUE ZERO.	93
03		FL-OIL-DISC-WELL-GRAVITY	PIC S9(2)V9(1)	VALUE ZERO.	98
03		FL-ASSOC-OIL-FIELD-NUMBER	PIC 9(8)	VALUE ZERO.	101
03		FL-DISCOV-PERMIT-NUM	PIC 9(7)	VALUE ZERO.	109
03		FL-NEW-FIELD-DISCOV-FLAG	PIC X(1)	VALUE 'N'.	116
	88	NEW-FIELD-DISCOV		VALUE 'Y'.	
03		FL-NEW-FLD-DISCOV-SYS-CCYRMODA.			
	05	FL-NFD-SYS-CC	PIC 9(2)	VALUE ZERO.	117
	05	FL-NFD-SYS-YRMODA.			
	10	FL-NFD-SYS-YR	PIC 9(2)	VALUE ZERO.	119
	10	FL-NFD-SYS-MO	PIC 9(2)	VALUE ZERO.	121
	10	FL-NFD-SYS-DA	PIC 9(2)	VALUE ZERO.	123
03		FL-RRC-RETURNED-TO-PR-FLAG	PIC X(01)	VALUE SPACES.	125
	88	FL-RRC-RETURNED-TO-PR		VALUE 'Y'.	
***	SET	TO AOF DATE/ RET TO PR DATE HAS DEFAULT DAY OF 01			
03		FL-RRC-RET-TO-PR-DATE.			
	05	FL-RRC-RET-TO-PR-CCYY.			
	10	FL-RRC-RET-TO-PR-CENTURY	PIC 9(02)	VALUE ZEROS.	126
	10	FL-RRC-RET-TO-PR-YEAR	PIC 9(02)	VALUE ZEROS.	128
	05	FL-RRC-RET-TO-PR-MONTH	PIC 9(02)	VALUE ZEROS.	130
03		FL-SET-TO-AOF-BY-ORDER-FLAG	PIC X(01)	VALUE SPACES.	132
	88	FL-SET-TO-AOF-BY-ORDER		VALUE 'Y'.	
03		FL-SET-TO-AOF-BY-ORDER-DATE.			
	05	FL-SET-TO-AOF-BY-ORDER-CCYY.			
	10	FL-SET-TO-AOF-BY-ORDER-CENTURY	PIC 9(02)	VALUE ZEROS.	133
				VALUE ZEROS.	
	10	FL-SET-TO-AOF-BY-ORDER-YEAR	PIC 9(02)	VALUE ZEROS.	135
				VALUE ZEROS.	
	05	FL-SET-TO-AOF-BY-ORDER-MONTH	PIC 9(02)	VALUE ZEROS.	137
				VALUE ZEROS.	
03		FL-MANUAL-REVIEW-FLAG	PIC X(01)	VALUE SPACES.	139
	88	FL-MANUAL-REVIEW		VALUE 'Y'.	
03		FILLER	PIC X(03)	VALUE ZERO.	140
02		RRC-TAPE-FILLER	PIC X(098).		143

* -----
 * RRC-TAPE-RECORD-ID
 * -----
 * THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
 * FIELD SYSTEM TAPE'S RECORD ID. CONTAINED IN THE FIRST TWO
 * BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
 * MATION WILL BE FOUND IN EACH RECORD.

* REC ID
 * VALUE TAPE RECORD DESCRIPTION
 *
 * 01 - FIELD INFORMATION TAPE RECORD
 *
 * -----

* FL-DISTRICT
 * -----

* DISTRICTS ARE UNIQUE REGIONS CREATED BY THE RAILROAD COMMISSION.
 * THERE ARE 14 DISTRICTS--01, 02, 03, 04, 05, 06, 6E, 7B, 7C, 08,
 * 8A, 8B, 09, AND 10. FIELDS ARE LOCATED IN ONE OF THESE DISTRICTS
 * OR MAY SPAN DISTRICTS. THE IDENTIFICATION VALUES, HOWEVER, ARE
 * NOT REPRESENTED ON THE FIELD TAPE AS LISTED ABOVE. THE TABLE
 * BELOW INDICATES THE CONVERTED VALUES.

TAPE VALUE	DISTRICT VALUE
01	01
02	02
03	03
04	04
05	05
06	06
07	6E
08	7B
09	7C
10	08
11	8A
12	8B (RESERVED FOR FUTURE USE.)
13	09
14	10

* -----
 * FL-NUMBER
 * -----

* THE FIELD NUMBER IS AN EIGHT-DIGIT NUMBER ASSIGNED TO A FIELD
 * BY THE FIELD DESIGNATION SECTION OF THE OIL AND GAS DIVISION
 * AT THE RAILROAD COMMISSION. THE FIRST FIVE DIGITS OF THE FIELD
 * NUMBER ARE UNIQUE TO EACH FIELD. THE LAST THREE NUMBERS ARE
 * THE RESERVOIR NUMBER. THE NUMERIC VALUE OF THE FIRST FIVE DIGITS
 * IS ASSOCIATED WITH THE ALPHABET; AS THE ALPHABETIC FIELD
 * NAME ASCENDS, THE VALUE OF THE NUMBERS INCREASES. THE THREE-DIGIT
 * RESERVOIR NUMBER DOESN'T HAVE AN ALPHABETIC/NUMERIC RELATIONSHIP.
 * (NOTE: WILDCAT FIELD NAMES AND NUMBERS DO NOT HAVE AN ALPHABETIC/
 * NUMERIC RELATIONSHIP OF ANY KIND.)

* EXAMPLE: A&A FIELD 00038 500
 * GOLD RIVER FIELD 35566 500
 * MCBEE FIELD 50784 333
 * ZONE 21-B FIELD 99880 380

* -----
* FL-NAME
* -----
* A FIELD NAME IS GENERALLY MADE UP OF: A WORD CHOSEN BY THE
* OPERATOR, THE STRATIGRAPHIC INTERVAL NAME OF THE FORMATION,
* AND THE FORMATION DEPTH AT WHICH THE FIELD IS LOCATED, E.G.
* JOHNSON FRIO 4700. THREE FIELD NAME CHOICES ARE SUBMITTED BY
* THE OPERATOR TO THE COMMISSION; THE RAILROAD COMMISSION MAKES
* THE FINAL DECISION. THE FIRST CHOICE IS USUALLY THE NAME
* CHOSEN AS THE OFFICIAL FIELD NAME IF THE NAME DOES NOT
* ALREADY EXIST OR CAUSE CONFLICT.
* -----
* FL-FIELD-CLASS
* -----
* A FIELD IS CLASSIFIED AS AN OIL FIELD, A GAS FIELD, OR AS BOTH
* OIL AND GAS. IF A GAS FIELD IS ASSOCIATED WITH AN OIL FIELD,
* THE OIL AND GAS FIELDS WILL USUALLY HAVE THE SAME FIELD NUMBER;
* THEY ARE INDICATED IN THIS DATA ITEM BY THE VALUE "B". IF A GAS
* FIELD IS ASSOCIATED WITH AN OIL FIELD, BUT THE RELATED OIL FIELD
* HAS A DIFFERENT FIELD NUMBER, THE DATA ITEM "FL-ASSOC-OIL-FIELD-
* NUMBER" WILL ACT AS A POINTER TO THE RELATED OIL FIELD NUMBER.
* THE ACTUAL PROCESS OF CLASSIFYING A FIELD DEPENDS INITIALLY ON
* THE GAS TO OIL RATIO (GOR) OF THE FIRST WELL BUT MAY ALSO
* RESULT FROM ADMINISTRATIVE HEARINGS. HOWEVER, AS ADDITIONAL
* WELL DISCOVERIES PROVIDE MORE INFORMATION ABOUT THE FIELD, THE
* CREATION OF A RELATED FIELD MAY BECOME NECESSARY.
* -----
* GAS FIELD VALUE "G"
* OIL FIELD VALUE "O"
* ASSOCIATED FIELD VALUE "B"
* (BOTH OIL AND GAS FIELD)
* NOTE: IF THE FIELD IS BOTH OIL AND GAS, AND THE
* FL-ASSOC-OIL-FIELD-NUMBER DATA ITEM HAS A NUMBER
* GREATER THAN ZEROES, THEN THERE EXISTS AT LEAST
* ONE ASSOCIATED GAS FIELD WITH A FIELD NUMBER THAT
* IS DIFFERENT THAN ITS RELATED OIL FIELD.
* -----
* FL-RESERVOIR-NAME
* -----
* A RESERVOIR NAME IDENTIFIES THE UNDERGROUND GEOLOGIC LOCATION
* OF A FIELD. THE GEOLOGICAL HORIZON, DEPTH, AND FAULT BLOCK OF
* THE RESERVOIR ARE SOURCES FOR NAMING THE RESERVOIR.
* -----
* FL-FORMATION-COMPOSITION
* -----
* THIS DATA ITEM INDICATES THE TYPE OF FORMATION ROCK THAT MAKES
* UP A FIELD. A GEOLOGIC FORMATION IS A BED OR DEPOSIT COMPOSED
* THROUGHOUT OF ESSENTIALLY THE SAME KINDS OF ROCK; THIS DATA
* ITEM INDICATES THE TYPE ROCK CHARACTERISTIC OF A SPECIFIC FIELD.
* -----
* SANDSTONE VALUE "SS"
* LIMESTONE VALUE "LS"
* DOLOMITE VALUE "DO"
* ANHYDRITE VALUE "AN"

* CONGLOMERATE VALUE "CG"
 * GRANITE-WASH VALUE "GW"
 * WEATHERED-GRANITE VALUE "WG"
 * SERPENTINE VALUE "SP"
 * DOLOMITE-LIME VALUE "DL"

* (NOTE: PRESENTLY NOT BEING USED. FIELD RESERVED FOR FUTURE
 * ENHANCEMENTS.)

* -----
 * FL-4-MONTH-TEST-EXCPT
 * -----

* AN OPERATOR SUBMITS TO THE RAILROAD COMMISSION A W-10 FORM
 * (OIL WELL STATUS REPORT) OR G-10 FORM (GAS WELL STATUS REPORT)
 * TO REPORT THE RESULTS OF WELL TESTS CONDUCTED FOR THE PURPOSE
 * OF ESTABLISHING OR ADJUSTING THE WELL'S ALLOWABLE. OIL AND
 * ASSOCIATED GAS WELLS TEST ANNUALLY, AND NON-ASSOCIATED GAS
 * WELLS TEST SEMI-ANNUALLY.

* THE OPERATOR HAS ONE, THREE OR FOUR MONTHS TO SUBMIT THE REPORTS
 * TO THE RAILROAD COMMISSION. A FOUR-MONTH TESTING PERIOD IS AN
 * EXCEPTION GRANTED BY THE COMMISSION (USUALLY FOR LARGE GAS FIELDS)
 * TO ALLOW THE OPERATOR EXTRA TIME FOR SUBMITTING THE REPORT. ONE-
 * MONTH TESTING IS AN EXCEPTION, IT TESTS ALL WELLS AT THE SAME
 * TIME. THE VALUES BELOW INDICATE WHICH TESTING MONTH PERIOD
 * APPLIES FOR THE FIELD.

* ONE-MONTH TEST VALUE "1"
 * THREE-MONTH TEST VALUE "3"
 * FOUR-MONTH TEST VALUE "4"

* -----
 * FL-HYDROGEN-SULFIDE-CD
 * -----

* HYDROGEN SULFIDE IS A POISONOUS GAS WHICH MAY BE ENCOUNTERED
 * IN THE DRILLING, PRODUCTION, INJECTION, OR GATHERING PROCESS
 * OF A WELL. THE RAILROAD COMMISSION MUST BE KNOWLEDGEABLE
 * OF HYDROGEN SULFIDE PRESENCE. AN OPERATOR SUBMITS TO THE
 * COMMISSION A FORM H-9 (CERTIFICATE OF COMPLIANCE STATEWIDE
 * RULE 36). THE VALUES BELOW INDICATE IF HYDROGEN SULFIDE IS
 * PRESENT IN THE WELL.

* NO HYDROGEN SULFIDE PRESENT VALUE "N"
 * HYDROGEN SULFIDE PRESENT VALUE "Y"
 * HYDROGEN SULFIDE PRESENT VALUE "E"
 * BUT EXEMPT FROM FILING

* -----
 * FL-GAS-OIL-RATIO-CODE
 * -----

* THE GAS OIL RATIO CODE INDICATES THE METHOD USED BY THE RAILROAD
 * COMMISSION TO ESTABLISH HOW MANY CU. FT. OF GAS CAN BE PRODUCED PER
 * BARREL OF OIL. THE GAS AMOUNT ALLOWED TO BE PRODUCED MAY BE
 * CALCULATED BASED ON A RATIO, A LIMIT (DAILY GAS ALLOWABLE
 * COMPUTED FOR AN OIL FIELD BY MULTIPLYING THE FIELD TOP DAILY
 * OIL ALLOWABLE BY THE FIELD GOR, WHICH IS NORMALLY 2000 CU. FT. TO
 * 1 BARREL OF OIL), OR A LIMIT BASED ON THE TOP PRODUCING WELL'S
 * LIMIT. THE VALUES LISTED BELOW INDICATE THE FACTOR USED TO

```

* DETERMINE THE GAS AMOUNT TO BE PRODUCED IN AN OIL FIELD.
*
*      GAS OIL RATIO                VALUE "G"
*      GAS LIMIT                    VALUE "L"
*      GAS LIMIT BASED ON TOP       VALUE "K"
*      WELL'S LIMIT
*
* -----
* FL-GAS-OIL-RATIO-OR-LIMIT
* -----
* THIS DATA ITEM CONTAINS THE AMOUNT OF GAS OR THE RATIO OF GAS
* TO OIL.  FL-GAS-OIL-RATIO-CODE WILL CONTAIN ONE OF THE VALUES
* IN THE TABLE BELOW; THE TYPE CODE STORED THERE WILL IDENTIFY
* THE VALUE IN THIS DATA ITEM.
*
*      GAS OIL RATIO                VALUE "G"
*      GAS LIMIT                    VALUE "L"
*      GAS LIMIT BASED ON TOP       VALUE "K"
*      WELL'S LIMIT
*
* -----
* FL-NET-GOR-RULE-CODE
* -----
* THE NET GAS OIL RATIO (GOR) RULE CODE INDICATES THE BASIS
* FOR DETERMINING THE FIELD'S NET GOR RATIO OR LIMIT.
* IF THE VALUE IS "R", THE FIELD IS A REGULAR FIELD WITH NO
* NET GOR RULE IN EFFECT.  IF THE VALUE IS "G", THE NET GOR
* IS DETERMINED BY THE GAS OIL RATIO.  IF THE VALUE IS "L",
* THE AMOUNT IS A GAS VOLUME LIMITATION PLACED ON THE WELL.
* IF THE VALUE IS "U", THE AMOUNT IS UNLIMITED, WHICH IS DEFINED
* AS THE TOTAL GAS PRODUCED LESS ANY GAS WHICH IS DIVERTED
* TO LEGAL USES.
*
*      REGULAR FIELD                VALUE "R"
*      NET GOR BASED ON GAS OIL RATIO  VALUE "G"
*      NET LIMITED AMOUNT            VALUE "L"
*      NET UNLIMITED AMOUNT          VALUE "U"
*
* -----
* FL-NET-GOR-RATIO-OR-LIMIT
* -----
* THIS DATA ITEM CONTAINS THE FIELD'S AMOUNT (LIMIT) OR RATIO
* OF THE NET GAS OIL RATIO.  FL-NET-GOR-RULE-CODE WILL DETERMINE
* WHETHER THE FIELD HAS A LIMITED AMOUNT OR A RATIO AS IDENTIFIED
* IN THE TABLE BELOW.
*
*      REGULAR FIELD                VALUE "R"
*      NET GOR BASED ON GAS OIL RATIO  VALUE "G"
*      NET LIMITED AMOUNT            VALUE "L"
*      NET UNLIMITED AMOUNT          VALUE "U"
*
* -----
* FL-OIL-DISC-WELL-GRAVITY
* -----
* THE OIL DISCOVERY WELL GRAVITY IDENTIFIES THE WEIGHT OF THE OIL
* IN THE DISCOVERY WELL.
*

```

* -----
* FL-ASSOC-OIL-FIELD-NUMBER
* -----
* FOR GAS FIELDS ONLY, THIS DATA ITEM STORES AN EIGHT-DIGIT OIL
* FIELD NUMBER WHEN A GAS FIELD IS ASSOCIATED WITH AN OIL FIELD
* AND THE CORRESPONDING OIL AND GAS FIELDS HAVE DIFFERENT NUMBERS;
* IT CONTAINS THE NUMBER OF AN OIL FIELD THAT IS RELATED TO A GAS
* FIELD WHEN THE RELATED OIL AND GAS FIELDS HAVE DIFFERENT FIELD
* NUMBERS.

Field Gas Information

```

*****
*
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* FIELD GAS INFORMATION SEGMENT.
*
* 200 BYTES.
*
* SEGMENT NAME: GASSEG
*-----*
* VARIABLE ] TYPE ] SSA *
* NAME ] NAME *
*-----*
* FL-GASSEG-KEY ] KEY ] GASSGKEY *
*-----*
*****
01 RAILROAD-COMMISSION-TAPE-REC. POS.
02 RRC-TAPE-RECORD-ID PIC X(02). 1
02 FL-GAS-INFO-SEGMENT.
03 FL-GASSEG-KEY PIC X(01) VALUE 'G'. 3
03 FL-GAS-DISC-DATE-1ST-WELL.
05 FL-GAS-DISC-CCYY.
07 FL-GAS-DISC-CENTURY PIC 99. 4
07 FL-GAS-DISC-YEAR PIC 99. 6
05 FL-GAS-DISC-MONTH PIC 99. 8
05 FL-GAS-DISC-DAY PIC 99. 10
03 FL-GAS-DISC-COUNTY-CODE PIC 9(03). 12
03 FL-GAS-PERF-1ST-WELL PIC 9(05). 15
03 FL-TYPE-FIELD-CODE PIC X(01). 20
88 FL-ASSOCIATED VALUE 'A'.
88 FL-NON-ASSOCIATED VALUE 'N'.
03 FILLER PIC X(08). 21
03 FL-GAS-TESTING-COUNTY PIC 9(03). 29
03 FL-GAS-TEST-FREQUENCY PIC X(01). 32
88 FL-ANNUAL-TESTING VALUE 'A'.
88 FL-SEMI-ANNUAL-TESTING VALUE 'S'.
* PRI AND SEC FOR ANNUAL, SEC IS ALSO A PRIMARY MONTH
* FOR SEMI-ANNUAL TESTING.
03 FL-GAS-PRI-ALTER-TEST-MONTH PIC 9(02). 33
03 FL-GAS-SEC-ALTER-TEST-MONTH PIC 9(02). 35
03 FL-PRI-TEST-MON-G10-REQUIRE PIC X(01). 37
03 FL-SEC-TEST-MON-G10-REQUIRE PIC X(01). 38
03 FILLER PIC X(02). 39
03 FL-GAS-COMMINGLING-COUNTER PIC 9(05). 41
03 FL-GAS-EXEMPT-MINIMUM-GOR PIC X(01). 46
88 FL-NOT-EXEMPT-MINIMUM-GOR VALUE 'N'.
88 FL-EXEMPT-MINIMUM-GOR VALUE 'Y'.
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88 FL-BAYS-ESTUARIES VALUE 'B '.
88 FL-STATE-OFFSHORE VALUE 'SO'.
88 FL-LAND-BAYS-ESTUARIES VALUE 'LB'.
88 FL-BAYS-ESTUARIES-OFFSHORE VALUE 'BO'.
88 FL-LAND-BAYS-ESTUARIE-OFFSHORE VALUE 'AL'.
88 FL-STATE-FEDERAL VALUE 'SF'.
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03	FL-YR-TO-DT-CUM-GAS-ALLOWABLE	PIC 9(11)	COMP-3.	131
03	FL-YR-TO-DT-CUM-LIQ-ALLOWABLE	PIC 9(11)	COMP-3.	137
03	FL-YR-TO-DT-CUM-GAS-PROD	PIC 9(11)	COMP-3.	143
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	05 FL-GAS-SCHED-START-CENT-YEAR.			
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```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 02 - FIELD GAS INFORMATION TAPE RECORD
*
* -----
* FL-GAS-DISC-DATE-1ST-WELL
* -----
* THE DISCOVERY DATE OF THE FIRST WELL IN THE FIELD.  THE DATE IS
* FORMATTED IN CCYYMMDD.
*
* -----
* FL-GAS-DISC-COUNTY-CODE
* -----
* THE DISCOVERY COUNTY CODE IDENTIFIES THE COUNTY IN WHICH THE
* FIELD WAS DISCOVERED.  THIS CODE IS BASED ON THREE-DIGIT
* NUMBERS: THE RAILROAD COMMISSION (RRC) ASSIGNS A NUMBER TO EACH
* ONSHORE COUNTY; THE AMERICAN PETROLEUM INSTITUTE (API) ASSIGNS
* A NUMBER TO EACH OFFSHORE COUNTY.  THE ACTUAL COUNTY CODES ARE
* LISTED IN APPENDIX B.  THE FIRST 254 NUMBERS OF THE CODE ARE ODD,
* AND INDICATE ONSHORE COUNTIES ONLY.  THE REMAINING 23 NUMBERS
* ARE BOTH ODD AND EVEN, AND INDICATE OFFSHORE COUNTIES.
*
* -----
* FL-GAS-PERF-1ST-WELL
* -----
* THE DEPTH AT WHICH A PERFORATION WAS MADE IN THE CASING
* OF THE FIRST WELL IN THE FIELD.
*
* PERFORATING IS THE PROCESS OF PIERCING THE CASING WALLS AND
* CEMENT AT A PARTICULAR DEPTH TO PROVIDE HOLES FOR THE FLOW
* OF FORMATION FLUIDS (OIL, GAS, ETC.) OUT OF THE RESERVOIR
* AND INTO THE WELLBORE.
*
* -----
* FL-TYPE-FIELD-CODE
* -----
* THIS DATA ITEM INDICATES WHETHER A GAS FIELD IS ASSOCIATED
* WITH AN OIL FIELD OR IS A NON-ASSOCIATED GAS FIELD.  THE VALUES
* BELOW IDENTIFY THE FIELD.
*
* ASSOCIATED FIELD      VALUE "A"
* NON-ASSOCIATED FIELD  VALUE "N"
*
* (NOTE:  THIS FIELD IS NO LONGER BEING USED.)
*
*

```

* -----
 * FL-GAS-TESTING-COUNTY
 * -----
 * THE TESTING COUNTY IS THE COUNTY IN WHICH THE FIELD IS
 * TESTING. (STATEWIDE RULE 53 REQUIRES OPERATORS TO CONDUCT
 * TESTS WHICH SUPPLY GAS WELL STATUS INFORMATION TO THE RRC.
 * THIS INFORMATION IS REPORTED ON THE G-10 FORM.) THE COUNTY IS
 * IDENTIFIED BY A THREE-DIGIT NUMBER. SEE APPENDIX B FOR THE
 * ACTUAL COUNTY CODES. THE FIRST 254 COUNTIES ARE ONSHORE AND
 * HAVE ONLY ODD NUMBERS; THE FINAL 23 ARE OFFSHORE COUNTIES AND
 * HAVE BOTH ODD AND EVEN NUMBERS.

* -----
 * FL-GAS-TEST-FREQUENCY
 * -----
 * TEST FREQUENCY IDENTIFIES THE NUMBER OF TIMES A FIELD IS
 * REQUIRED TO TEST. THE VALUES LISTED BELOW INDICATE THE
 * TESTING PERIOD REQUIRED.

ANNUAL TESTING (ONCE PER YEAR)	VALUE "A"
SEMI-ANNUAL TESTING (TWICE PER YEAR)	VALUE "S"

* -----
 * FL-GAS-PRI-ALTER-TEST-MONTH
 * -----
 * IF A FIELD CANNOT TEST IN THE PRIMARY TESTING MONTHS
 * OF THE TEST COUNTY, ALTERNATE TEST MONTHS MAY BE
 * ESTABLISHED. IF A FIELD IS TESTING IN AN ALTERNATE MONTH
 * A VALUE OF 01 THROUGH 12 (REPRESENTING THE MONTHS OF THE YEAR)
 * WILL INDICATE THE MONTH THE FIELD TESTS. IF THE VALUE
 * "0" (ZERO) IS PRESENT, THE FIELD TESTS WITH TEST COUNTY'S
 * PRIMARY CYCLE.

* -----
 * FL-GAS-SEC-ALTER-TEST-MONTH
 * -----
 * IF A FIELD TESTS SEMI-ANNUALLY AND CANNOT TEST IN THE PRIMARY
 * TESTING MONTHS OF THE TEST COUNTY, ALTERNATE TEST MONTHS MAY
 * BE ESTABLISHED. IF A FIELD IS TESTING IN ALTERNATE MONTHS
 * DURING ITS SEMI-ANNUAL TESTING PERIOD, A VALUE OF 01 THROUGH
 * 12 (REPRESENTS THE MONTHS OF THE YEAR) WILL INDICATE THE MONTH
 * THE FIELD TESTED. IF THE VALUE "0" (ZERO) IS PRESENT, THE
 * FIELD TESTS WITH TEST COUNTY'S PRIMARY CYCLE.

* -----
 * FL-PRI-TEST-MON-G10-REQUIRE
 * -----
 * ITEMS REQUIRED ON THE G-10 FORM (GAS WELL STATUS REPORT) FOR
 * THE PRIMARY MONTH OF TESTING. THE CODES AND THEIR
 * CORRESPONDING REQUIREMENTS ARE LISTED BELOW:

* (ALL GAS WELLS WILL BE REQUIRED TO REPORT GAS GRAVITIES.)
 * B ==> DELIVERABILITY, FLOWING PRESSURE, SIWH PRESSURE
 * C ==> DELIVERABILITY, FLOWING PRESSURE
 * D ==> DELIVERABILITY, FLOWING PRESSURE, SIWH PRESSURE,
 * POTENTIAL
 * E ==> DELIVERABILITY, FLOWING PRESSURE, SIWH PRESSURE,

* BHP
 * F ==> DELIVERABILITY, FLOWING PRESSURE, SIWH PRESSURE,
 * POTENTIAL, BHP
 * G ==> DELIVERABILITY
 * J ==> ANNUAL TESTING - DELIVERABILITY, FLOWING PRESSURE
 * K ==> COMMINGLING TEST IN FIELD TESTING ANNUALLY -
 * LIQUID GRAVITY AND GOR

* (NOTE: IF MORE DETAILED INFORMATION IS NEEDED CONCERNING
 * THE DELIVERABILITY, FLOWING PRESSURE, SHUT-IN WELL HEAD
 * PRESSURE (SIWH), POTENTIAL, BOTTOM-HOLE PRESSURE (BHP),
 * LIQUID GRAVITY OR GOR, PLEASE CONSULT A PRORATION ANALYST
 * IN THE OIL AND GAS DIVISION AT THE RAILROAD COMMISSION.)

* -----
 * FL-SEC-TEST-MON-G10-REQUIRE
 * -----

* ITEMS REQUIRED ON THE G-10 FORM (GAS WELL STATUS REPORT) FOR
 * THE SECONDARY MONTH OF TESTING (ANNUAL = K). ALSO, IF SEMI-ANNUAL
 * THE CODES AND THEIR CORRESPONDING REQUIREMENTS ARE LISTED BELOW:

* (ALL GAS WELLS WILL BE REQUIRED TO REPORT GAS GRAVITIES.)
 * B ==> DELIVERABILITY, FLOWING PRESSURE, SIWH PRESSURE
 * C ==> DELIVERABILITY, FLOWING PRESSURE
 * D ==> DELIVERABILITY, FLOWING PRESSURE, SIWH PRESSURE,
 * POTENTIAL
 * E ==> DELIVERABILITY, FLOWING PRESSURE, SIWH PRESSURE,
 * BHP
 * F ==> DELIVERABILITY, FLOWING PRESSURE, SIWH PRESSURE,
 * POTENTIAL, BHP
 * G ==> DELIVERABILITY
 * J ==> ANNUAL TESTING - DELIVERABILITY, FLOWING PRESSURE
 * K ==> COMMINGLING TEST IN FIELD TESTING ANNUALLY -
 * LIQUID GRAVITY AND GOR

* (NOTE: IF MORE DETAILED INFORMATION IS NEEDED CONCERNING
 * THE DELIVERABILITY, FLOWING PRESSURE, SHUT-IN WELLHEAD
 * PRESSURE (SIWH), POTENTIAL, BOTTOMHOLE PRESSURE (BHP),
 * LIQUID GRAVITY OR GOR, PLEASE CONSULT A PRORATION ANALYST
 * IN THE OIL AND GAS DIVISION AT THE RAILROAD COMMISSION.)

* -----
 * FL-GAS-COMMINGLING-COUNTER
 * -----

* THIS DATA ITEM INDICATES THE NUMBER OF WELLS COMMINGLED IN
 * A FIELD. THIS DATA ITEM TRACKS GAS COMMINGLED ABOVEGROUND.

* (NOTE: AT PRESENT, THIS IS NOT BEING MAINTAINED.)

* -----
 * FL-GAS-EXEMPT-MINIMUM-GOR
 * -----

* FIELDS WITH MINIMUM GAS OIL RATIO ARE SUBJECT TO THE NORMAL
 * GAS RATIO OF 100,000 CU. FT. OF GAS TO ONE BARREL OF CONDENSATE
 * (THE STATUTORY DEFINITION OF A GAS WELL). IF A FIELD IS EXEMPT
 * FROM MINIMUM GAS RATIO, THE FIELD MAY PRODUCE CONDENSATE AT A
 * GREATER RATE THAN ONE BARREL PER EACH 100,000 CU. FT. OF GAS

* WITHOUT BEING PENALIZED OR BEING RECLASSIFIED AS AN OIL WELL.
 * THE VALUES BELOW INDICATE THE STATUS OF THE FIELD.
 *
 * NOT EXEMPT - MINIMUM GOR VALUE "N"
 * EXEMPT - MINIMUM GOR VALUE "Y"
 *
 * -----
 * FL-OFFSHORE-CODE
 * -----
 * THE OFFSHORE CODE INDICATES THE GEOGRAPHIC SURFACE OF A FIELD
 * USING THE LOCATION OF THE DISCOVERY WELL AS A POINT OF
 * REFERENCE. THE STATE OF TEXAS' OFFSHORE ENCOMPASSES THE AREA IN
 * THE GULF OF MEXICO FROM THE COASTLINE TO THREE LEAGUES (APPROX.
 * 10 MILES) OUT INTO THE GULF.
 *
 * LAND VALUE "L"
 * BAYS-ESTUARIES VALUE "B"
 * STATE-OFFSHORE VALUE "SO"
 * LAND-BAYS-ESTUARIES VALUE "LB"
 * BAYS-ESTUARIES-OFFSHORE VALUE "BO"
 * LAND-BAYS-ESTUARIES-OFFSHORE VALUE "AL"
 * STATE-FEDERAL VALUE "SF"
 *
 * -----
 * FL-CUM-GAS-PRODUCTION-TO-CONV
 * -----
 * THE CUMULATIVE TOTAL OF ACTUAL GAS PRODUCED FROM 1970 TO
 * DECEMBER 1982.
 *
 * THIS REFLECTS INFORMATION THAT WAS STORED ON TAPES IN A LUMP
 * SUM AMOUNT AT THE TIME OF THE CONVERSION TO THE FIELD SYSTEM.
 * NOTE: THE TOTAL DOES NOT INCLUDE PRODUCTION FROM RETRO P-2
 * REPORTS (PRODUCER'S MONTHLY REPORT OF GAS WELLS WHICH WERE
 * SUBMITTED TO THE COMMISSION 12 MONTHS OR MORE AFTER THE
 * ORIGINAL REPORT WAS FILED).
 *
 * -----
 * FL-CUM-COND-PRODUCTION-TO-CONV
 * -----
 * THE CUMULATIVE TOTAL OF ACTUAL CONDENSATE PRODUCED FROM 1970
 * TO DECEMBER 1982.
 *
 * THIS REFLECTS INFORMATION THAT WAS STORED ON TAPES IN A LUMP
 * SUM AMOUNT AT THE TIME OF THE CONVERSION TO THE FIELD SYSTEM.
 * NOTE: THE TOTAL DOES NOT INCLUDE PRODUCTION FROM RETRO P-2
 * REPORTS (PRODUCER'S MONTHLY REPORT OF GAS WELLS WHICH WERE
 * SUBMITTED TO THE COMMISSION 12 MONTHS OR MORE AFTER THE
 * ORIGINAL REPORT).
 *
 *

* -----
* FL-CUM-GAS-ALLOWABLE-TO-CONV
* -----
* THE CUMULATIVE TOTAL OF GAS ALLOWABLE WHICH THE COMMISSION
* ALLOWED TO BE PRODUCED FROM 1970 TO DECEMBER 1982.
*
* THIS REFLECTS INFORMATION THAT WAS STORED ON TAPES IN A LUMP
* SUM AMOUNT AT THE TIME OF THE CONVERSION TO THE FIELD SYSTEM.
*
* -----
* FL-CUM-LIQ-ALLOWABLE-TO-CONV
* -----
* THE CUMULATIVE TOTAL OF LIQUID ALLOWABLE PRODUCED FROM 1970
* TO DECEMBER 1982 FOR THOSE FIELDS CLASSIFIED AS LIQUID LIMIT
* FIELDS BY THE RAILROAD COMMISSION.
* THIS REFLECTS INFORMATION THAT WAS STORED ON TAPES IN A LUMP
* SUM AMOUNT AT THE TIME OF THE CONVERSION TO THE FIELD SYSTEM.
*
* -----
* FL-OFF-FILE-CUM-GAS-ALLOWABLE
* -----
* THE CUMULATIVE GAS ALLOWABLE PRIOR TO THE 26 MONTHS CURRENTLY
* STORED ON THE COMPUTER. THIS INFORMATION IS AVAILABLE IN THE
* FORM OF A TOTAL FIGURE. THE INFORMATION WILL ONLY REFLECT AS
* FAR BACK AS JANUARY 1983. INFORMATION PRIOR TO THAT DATE WILL BE
* FOUND IN FL-CUM-GAS-ALLOWABLE-TO-CONV.
*
* -----
* FL-OFF-FILE-CUM-LIQ-ALLOWABLE
* -----
* THE CUMULATIVE LIQUID ALLOWABLE PRIOR TO THE 26 MONTHS CURRENTLY
* STORED ON THE COMPUTER. THIS INFORMATION IS AVAILABLE IN THE
* FORM OF A TOTAL FIGURE. THE INFORMATION WILL ONLY REFLECT AS
* FAR BACK AS JANUARY 1983. INFORMATION PRIOR TO THAT DATE WILL BE
* FOUND IN FL-CUM-LIQ-ALLOWABLE-TO-CONV.
*
* -----
* FL-OFF-FILE-CUM-GAS-PROD
* -----
* THE CUMULATIVE GAS PRODUCTION PRIOR TO THE 24 MONTHS CURRENTLY
* STORED ON THE COMPUTER. THIS INFORMATION IS AVAILABLE IN THE
* FORM OF A TOTAL FIGURE. THE INFORMATION WILL ONLY REFLECT AS
* FAR BACK AS JANUARY 1983. THIS INFORMATION IS MAINTAINED
* SEPARATELY FROM THE FL-CUM-GAS-PRODUCTION-TO-CONV TOTAL FIGURES
* BECAUSE OF THE P2 RETRO DISPOSITIONS. THE FIGURES IN THIS DATA
* ITEM INCLUDE ALL RETRO P2 REPORTS FILED.
*
* -----
* FL-OFF-FILE-CUM-COND-PROD
* -----
* THE CUMULATIVE CONDENSATE PRODUCTION PRIOR TO THE 24 MONTHS
* CURRENTLY STORED ON THE COMPUTER. THIS INFORMATION IS AVAIL-
* ABLE IN THE FORM OF A TOTAL FIGURE. THE INFORMATION WILL ONLY
* REFLECT AS FAR BACK AS JANUARY 1983. THIS INFORMATION IS MAIN-
* TAINED SEPARATELY FROM THE FL-CUM-COND-PRODUCTION-TO-CONV TOTAL
* FIGURES BECAUSE OF THE P2 RETRO DISPOSITIONS. THE FIGURES IN
* THIS DATA ITEM INCLUDE ALL RETRO P2 REPORTS FILED.

* -----
* FL-ON-FILE-CUM-GAS-ALLOWABLE
* -----
* THE LATEST 24 MONTHS OF GAS ALLOWABLE. BECAUSE PRODUCTION
* REPORTING LAGS TWO MONTHS BEHIND CURRENT ALLOWABLES, THIS TOTAL
* DOES NOT INCLUDE THE LAST TWO MONTHS OF ALLOWABLES; THEREFORE,
* THIS CUMULATIVE GAS ALLOWABLE CAN BE DIRECTLY COMPARED TO
* FL-ON-FILE-CUM-GAS-PROD.
* -----
* FL-ON-FILE-CUM-LIQ-ALLOWABLE
* -----
* THE LATEST 24 MONTHS OF LIQUID ALLOWABLE FOR THOSE FIELDS
* CLASSIFIED AS LIQUID LIMIT FIELDS. BECAUSE PRODUCTION REPORTING
* LAGS TWO MONTHS BEHIND CURRENT ALLOWABLES, THIS TOTAL DOES NOT
* INCLUDE THE LAST TWO MONTHS OF ALLOWABLES; THEREFORE, THIS DATA
* ITEM CAN BE DIRECTLY COMPARED TO FL-ON-FILE-CUM-COND-PROD.
* -----
* FL-ON-FILE-CUM-GAS-PROD
* -----
* THE LATEST 24 MONTHS OF REPORTED GAS PRODUCTION. THIS TOTAL
* WILL USUALLY LAG TWO MONTHS BEHIND THE CURRENT MONTH.
* -----
* FL-ON-FILE-CUM-COND-PROD
* -----
* THE LATEST 24 MONTHS OF REPORTED CONDENSATE PRODUCTION. THIS
* TOTAL WILL LAG TWO MONTHS BEHIND THE CURRENT MONTH.
* -----
* FL-YR-TO-DT-CUM-GAS-ALLOWABLE
* -----
* GAS ALLOWABLE FOR CURRENT YEAR FOR THIS FIELD. THE LATEST TWO
* MONTHS OF ALLOWABLES ARE NOT INCLUDED IN THE TOTAL.
* -----
* FL-YR-TO-DT-CUM-LIQ-ALLOWABLE
* -----
* LIQUID ALLOWABLE FOR CURRENT YEAR FOR FIELDS CLASSIFIED AS
* LIQUID LIMIT FIELDS. THE LATEST TWO MONTHS OF ALLOWABLES ARE
* NOT INCLUDED IN THE TOTAL.
* -----
* FL-YR-TO-DT-CUM-GAS-PROD
* -----
* REPORTED GAS PRODUCTION FOR CURRENT YEAR FOR THIS FIELD. THE
* LATEST TWO MONTHS OF PRODUCTION ARE NOT INCLUDED IN TOTAL
* BECAUSE REPORTING LAGS TWO MONTHS BEHIND THE CURRENT MONTH.

* -----
 * FL-YR-TO-DT-CUM-COND-PROD
 * -----
 * REPORTED CONDENSATE PRODUCTION FOR CURRENT YEAR FOR THIS FIELD.
 * THE LATEST TWO MONTHS OF PRODUCTION ARE NOT INCLUDED IN TOTAL
 * BECAUSE REPORTING LAGS TWO MONTHS BEHIND THE CURRENT MONTH.
 *
 * -----
 * FL-SALT-DOME-EXEMPTION
 * -----
 * A SALT DOME IS A NATURALLY OCCURRING FORMATION OF SALT WHICH
 * CAUSES OIL TRAPS. THE RRC DETERMINES WHETHER A FIELD SHOULD
 * BE CLASSIFIED AS A SALT DOME ON THE BASIS OF ENGINEERING
 * AND GEOLOGIC EVIDENCE. IF A FIELD IS CLASSIFIED AS A SALT DOME,
 * THE STATEWIDE SPACING RULE DOES NOT APPLY TO THE FIELD.
 *
 * -----
 * FL-COUNTY-REGULAR-EXEMPTION
 * -----
 * COUNTY REGULAR FIELDS CONSIST OF A NUMBER OF VERY SMALL
 * FIELDS WHICH ARE LOCATED IN DISTRICTS 7B, 9, AND MCCULLOCH
 * COUNTY IN DISTRICT 7C. BECAUSE THESE WELLS ARE SHALLOW AND
 * USUALLY ARE NOT BIG PRODUCERS, THESE FIELDS HAVE THEIR OWN
 * SPACING RULES SET BY THE RAILROAD COMMISSION. THESE FIELDS'
 * ALLOWABLES ARE BASED ON A SPECIAL COUNTY REGULAR SCHEDULE. THE
 * ALLOWABLES ARE BASED ON THE DEPTH OF THE WELL AND ARE ALSO
 * EXEMPT FROM THE PRODUCTION FACTOR.
 *
 * -----
 * FL-LEDGER-MONTH
 * -----
 * THE CURRENT LEDGER MONTH IS THE MOST CURRENT MONTH OF PRODUCTION
 * FOR WHICH THE RRC HAS RECEIVED PRODUCTION REPORTS. USUALLY,
 * REPORTING LAGS TWO MONTHS BEHIND THE CURRENT MONTH.
 *
 * (NOTE: FOR ADP INTERNAL USE.)
 *
 * -----
 * FL-NEW-GAS-FLD-APPR-DATE
 * -----
 * THIS DATE INDICATES THE CENTURY, YEAR, MONTH, DAY THE FIELD
 * WAS APPROVED BY THE RAILROAD COMMISSION.
 *
 * -----
 * FL-CUM-PROD-PRIOR-1970
 * -----
 * FIELD CUMMULATIVE PRODUCTION PRIOR TO 1970.
 *
 * -----
 * FL-GAS-SCHEDULE-START-DATE
 * -----
 * THIS DATE INDICATES THE CENTURY, YEAR, MONTH, AND DAY THIS
 * FIELD FIRST APPEARED ON THE GAS PRORATION SCHEDULE.

Field Gas Market Demand Forecast

```
*****
* FLW701F6
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* FIELD MARKET DEMAND FORECAST SEGMENT.
*
* SEGMENT NAME: FLMKTDMD LENGTH:100 BYTES
*-----*
* VARIABLE ] TYPE ] SSA
* NAME ] ] NAME
*-----*
* FL-MKT-DEMAND-SCHED-DATE ] KEY ] MKTCYCKY
*-----*
*****
```

01	RAILROAD-COMMISSION-TAPE-REC.			POS.
02	RRC-TAPE-RECORD-ID		PIC X(02).	1
02	FL-MARKET-DEMAND-SEGMENT.			
03	FL-MKT-DEMAND-SCHED-DATE.			
05	FL-MKT-DEMAND-SCHED-CCY	PIC 9(04)	VALUE ZEROS.	3
05	FL-MKT-DEMAND-SCHED-MM	PIC 9(02)	VALUE ZEROS.	7
03	FL-MKT-DEMAND-FORECAST	PIC S9(09)	COMP-3	9
			VALUE ZEROS.	
03	FL-MKT-DEMAND-CAPABILITY	PIC S9(09)	COMP-3	14
			VALUE ZEROS.	
03	FL-MKT-DMD-FORECAST-CORR-ADJ	PIC S9(09)	COMP-3	19
			VALUE ZEROS.	
03	FL-MKT-DEMAND-SUPP-CHG-ADJ	PIC S9(09)	COMP-3	24
			VALUE ZEROS.	
03	FL-MKT-DEMAND-COMMISSION-ADJ	PIC S9(09)	COMP-3	29
			VALUE ZEROS.	
03	FL-MKT-DEMAND-REV-FORECAST	PIC S9(09)	COMP-3	34
			VALUE ZEROS.	
03	FL-MKT-DMD-ADJ-RES-FORECAST	PIC S9(09)	COMP-3	39
			VALUE ZEROS.	
03	FL-MKT-DMD-CALC-RES-FORECAST	PIC S9(09)	COMP-3	44
			VALUE ZEROS.	
03	FL-MKT-DMD-TOTAL-RES-FORECAST	PIC S9(09)	COMP-3	49
			VALUE ZEROS.	
03	FL-MKT-DMD-HEARING-SPEC-AMT	PIC S9(09)	COMP-3	54
			VALUE ZEROS.	
03	FL-MKT-DMD-3RD-MONTH-PREVIOUS	PIC S9(09)	COMP-3	59
			VALUE ZEROS.	
03	FL-MKT-DMD-SPECIAL-UNDERAGE	PIC S9(09)	VALUE ZEROS.	64
03	FL-MKT-DMD-PRECALC-ALLOWABLE	PIC S9(09)	COMP-3	73
			VALUE ZEROS.	
03	FL-MKT-DMD-12-MONTH-PEAK	PIC S9(09)	COMP-3	78
			VALUE ZEROS.	
03	FILLER	PIC X(20)	VALUE ZEROS.	83
02	RRC-TAPE-FILLER		PIC X(0138).	103


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* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 03 - FIELD GAS FIELD MARKET DEMAND FORECAST TAPE RECORD
*
* -----
* FL-MKT-DEMAND-SCHED-DATE
* -----
* THIS DATE REPRESENTS THE SCHEDULE MONTH AND YEAR THAT THE
* MARKET DEMAND FORECAST IS FOR.
*
* -----
* FL-MKT-DEMAND-FORECAST
* -----
* THIS NUMERIC VALUE REPRESENTS THE INITIAL MARKET DEMAND
* FORECAST FOR THE FIELD.  IT IS THE TOTAL OF THE FORECASTS
* CALCULATED FOR EACH OF THE OPERATORS IN THE FIELD.  IT IS
* APPLICABLE TO PRORATED FIELDS ONLY AND IS BASED ON THE
* PRIOR YEAR'S PRODUCTION.
*
* -----
* FL-MKT-DEMAND-CAPABILITY
* -----
* THIS NUMERIC VALUE REPRESENTS THE TOTAL WELL CAPABILITIES FOR
* EACH OF THE OPERATORS IN THE FIELD.
*
* -----
* FL-MKT-DMD-FORECAST-CORR-ADJ
* -----
* THIS DATA ITEM IS CALCULATED WITH THE FOLLOWING FORMULA: COL 4
* (CURRENT MONTH TOTAL PRODUCTION) - COL 1 (3RD MONTH PREVIOUS
* ADJUSTED RESERVOIR MARKET DEMAND FORECAST) + COL 3 (CURRENT
* MONTH SUPPLEMENTAL CHANGE) + COL 6 (3RD MONTH PREVIOUS COMMISSION
* ADJUSTMENT) - SPECIAL ALLOWABLE UNDERAGE.
*
* -----
* FL-MKT-DEMAND-SUPP-CHG-ADJ
* -----
* THIS DATA ITEM REPRESENTS THE TOTAL NET ADJUSTMENTS TO ALLOWABLES
* FROM 3 MONTHS PREVIOUS AS DETERMINED BY THE GAS WELL SUPPLEMENTS
* ISSUED BY THE RAILROAD COMMISSION.
*
* -----
* FL-MKT-DEMAND-COMMISSION-ADJ
* -----
* THIS DATA ITEM REPRESENTS THE COMMISSION ADJUSTMENT TO THE
* RESERVOIR MARKET DEMAND TO BALANCE IT WITH THE RESERVOIR
* CAPABILITY OR TO ADJUST THE RESERVOIR MARKET DEMAND WHEN
* AN INACCURACY WAS FOUND ON THE INITIAL MARKET DEMAND FIGURE.

```

* -----
* FL-MKT-DEMAND-REV-FORECAST
* -----
* THIS DATA ITEM REPRESENTS THE REVISED RESERVOIR FORECAST AND IS
* THE SUM OF THE REVISED OPERATOR RESERVOIR MARKET DEMAND
* FORECAST FOR THE FIELD.
* -----
* FL-MKT-DMD-ADJ-RES-FORECAST
* -----
* THIS DATA ITEM REPRESENTS THE SUM OF THE FORECASTS FOR OPERATORS
* IN THE FIELD THAT HAVE BEEN ADJUSTED TO CAPABILITY.
* -----
* FL-MKT-DMD-CALC-RES-FORECAST
* -----
* THIS DATA ITEM REPRESENTS THE CALCULATED RESERVOIR MARKET DEMAND
* AND IS THE SUM OF THE ADJUSTED RESERVOIR MARKET DEMAND FORECAST,
* FORECAST CORRECTION ADJUSTMENT, AND THE SUPPLEMENTAL CHANGE
* ADJUSTEMENT FROM 3 MONTHS PREVIOUS.
* -----
* FL-MKT-DMD-TOTAL-RES-FORECAST
* -----
* THIS DATA ITEM REPRESENTS THE TOTAL RESERVOIR MARKET DEMAND
* AFTER ALL ADJUSTEMENTS ARE MADE. IT IS THE SUM OF THE
* CALCULATED RESERVOIR MARKET DEMAND AND THE COMMISSION ADJUSTMENT.
* -----
* FL-MKT-DMD-HEARING-SPEC-AMT
* -----
* THIS DATA ITEM REPRESENTS THE TOTAL SPECIAL WELL ALLOWABLE
* AMOUNTS SET BY HEARING FOR THE RESERVOIR.
* -----
* FL-MKT-DMD-3RD-MONTH-PREVIOUS
* -----
* THE TOTAL GAS WELL GAS PRODUCED BY THE FIELD IN THE THIRD
* MONTH PRIOR TO THE MARKET DEMAND SCHEDULE DATE.
* -----
* FL-MKT-DMD-SPECIAL-UNDERAGE
* -----
* FROM FEBRUARY 1994 UNTIL APRIL 1994 THIS DATA FIELD CONTAINED
* THE UNDERAGE FROM SPECIAL ALLOWABLE WELLS IN THE CURRENT
* SCHEDULE MONTH. STARTING IN MAY 1994 THIS DATA FIELD CONTAINS
* THE UNDERAGE FROM SPECIAL ALLOWABLE WELLS IN THE CURRENT
* PRODUCTION MONTH.
* -----
* FL-MKT-DMD-PRECALC-ALLOWABLE
* -----
* THIS DATA FIELD CONTAINS RESERVOIR ALLOWABLE CALCULATIONS
* PER SPECIAL ORDER NO 7-51,576 2-27-63 FOR THE FT WILSHIRE
* GAS FIELD ONLY.
*

* -----
* FL-MKT-DMD-12-MONTH-PEAK
* -----
* THIS DATA FIELD CONTAINS TOTAL TWELVE MONTH PEAK AMOUNT FOR
* THE PANHANDLE WEST FIELD.
*

Field Gas Operator Market Demand Forecast

```
*****
* FLW701G1                                05/22/92 *
*      THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S *
*
*      OPERATOR MARKET DEMAND FORECAST SEGMENT. *
*
* SEGMENT NAME: OPRMKTDM                    LENGTH: 100 BYTES *
*-----*
* VARIABLE          ]      TYPE          ]      SSA      *
* NAME              ]                      ]      NAME      *
*-----*
* FL-OPERATOR-NUMBER ]      KEY          ]      OPRMKTKY   *
*-----*
```

```
*****
01 RAILROAD-COMMISSION-TAPE-REC.                POS.
   02 RRC-TAPE-RECORD-ID                        PIC X(02).                1
   02 FL-OPER-MARKET-DEMAND-SEGMENT.
     03 FL-OPERATOR-NUMBER                      PIC 9(06)  VALUE ZEROS.   3
     03 FL-OPR-MKT-DMD-FORECAST                PIC S9(09)  COMP-3       9
                                           VALUE ZEROS.
     03 FL-OPR-MKT-DMD-OPT-FORECAST            PIC S9(09)  COMP-3      14
                                           VALUE ZEROS.
     03 FL-OPR-CAPABILITY                      PIC S9(09)  COMP-3      19
                                           VALUE ZEROS.
     03 FL-OPR-SUBSTITUTE-CAPABILITY          PIC S9(09)  COMP-3      24
                                           VALUE ZEROS.
     03 FL-OPR-MKT-DMD-ADJ-FORECAST           PIC S9(09)  COMP-3      29
                                           VALUE ZEROS.
     03 FL-OPR-MKT-DMD-REV-FORECAST           PIC S9(09)  COMP-3      34
                                           VALUE ZEROS.
     03 FL-OPR-MKT-DMD-G10-TOTAL              PIC S9(09)  COMP-3      39
                                           VALUE ZEROS.
     03 FL-OPR-MKT-DMD-HIGH-PROD-TOTAL        PIC S9(09)  COMP-3      44
                                           VALUE ZEROS.
     03 FL-OPR-MKT-DMD-HIGH-PROD-WELLS        PIC S9(05)  COMP-3      49
                                           VALUE ZEROS.
     03 FL-OPR-MKT-DMD-SUB-CAP-WELLS          PIC S9(05)  COMP-3      52
                                           VALUE ZEROS.
     03 FL-OPR-MKT-DMD-G10-WELLS             PIC S9(05)  COMP-3      55
                                           VALUE ZEROS.
     03 FL-OPR-MKT-DMD-DELQ-P2-WELLS         PIC S9(05)  COMP-3      58
                                           VALUE ZEROS.
     03 FL-OPR-MKT-DMD-3RD-MO-PREV           PIC S9(09)  COMP-3      61
                                           VALUE ZEROS.
     03 FL-MD-1-RECEIVED-FLAG                PIC X      VALUE 'N'.
       88 FL-MD-1-RECEIVED                    VALUE 'Y'.
     03 FL-OPR-MKT-DMD-12-MONTH-PEAK         PIC S9(09)  COMP-3      66
                                           VALUE ZEROS.
     03 FILLER                                PIC X(31)  VALUE ZEROS.   71
02 RRC-TAPE-FILLER                            PIC X(0138).             103
*****
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```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    04  -  FIELD GAS FIELD OPERATOR MARKET DEMAND FORECAST TAPE RECORD
*
* -----
* FL-OPERATOR-NUMBER
* -----
* THIS DATA ITEM IS THE OPERATOR NUMBER AS ASSIGNED BY THE RAILROAD
* COMMISSION FOR THE FORM P-5 ORGANIZATION REPORT.
*
* -----
* FL-OPR-MKT-DMD-FORECAST
* -----
* THIS NUMERIC VALUE REPRESENTS THE INITIAL OPERATOR MARKET DEMAND
* FORECAST FOR THE FIELD.  IT IS APPLICABLE TO PRORATED FIELDS ONLY
* ONLY AND IS BASED ON THE PRIOR YEAR'S PRODUCTION.
*
* -----
* FL-OPR-MKT-DMD-OPT-FORECAST
* -----
* THIS VALUE REPRESENTS OPTIONAL OPERATOR FORECAST FILED
* BY THE OPERATOR FOR THEIR WELL IN THE RESERVOIR.  IT CAN NOT
* EXCEED THE TOTAL CAPABILITY OF THE WELLS OR BE LESS THAN ZERO.
*
* -----
* FL-OPR-CAPABILITY
* -----
* THIS VALUE IS THE TOTAL CAPABILITY OF ALL THE WELLS IN THE
* RESERVOIR FOR THE OPERATOR.  IT IS THE SUM OF THE HIGHEST SIX
* MONTH PRODUCTION, G-10 CAPABILITY AND GC-1 SUBSTITUTE CAPABILITY.
* (SEE BELOW)
*
* -----
* FL-OPR-SUBSTITUTE-CAPABILITY
* -----
* THIS VALUE IS THE TOTAL SUBSTITUTE CAPABILITY AS FILED ON THE FORM
* GC-1 AND USED TO DETERMINE THE TOTAL OPERATOR MARKET DEMAND FORECAST
* FOR THE OPERATOR.
*
*

```

* -----
* FL-OPR-MKT-DMD-ADJ-FORECAST
* -----
* THIS VALUE IS THE ADJUSTED RESERVOIR MARKET DEMAND FORECAST FOR
* THE OPERATOR. IT IS THE LESSER OF THE TOTAL OPERATOR CAPABILITY
* AND THE OPTIONAL OPERATOR FORECAST OR IF THE OPTIONAL OPERATOR
* FORECAST IS NOT AVAILABLE, THE LESSER OF THE TOTAL OPERATOR
* CAPABILITY AND THE REVISED OPERATOR RESERVOIR MARKET DEMAND FORECAST.
* -----
* FL-OPR-MKT-DMD-REV-FORECAST
* -----
* THIS VALUE IS THE OPERATOR MARKET DEMAND FORECAST REVISED DUE TO
* NEW PRODUCTION INFORMATION OR THE ADDITION OR REMOVAL OF WELLS
* IN THE RESERVOIR.
* -----
* FL-OPR-MKT-DMD-G10-TOTAL
* -----
* THIS VALUE IS THE TOTAL G-10 CAPABILITY USED TO DETERMINE THE TOTAL
* OPERATOR MARKET DEMAND FORECAST FOR THE OPERATOR IN THE RESERVOIR.
* -----
* FL-OPR-MKT-DMD-HIGH-PROD-TOTAL
* -----
* THIS VALUE IS THE SUM OF THE WELLS HIGHEST SIX MONTHS PRODUCTION
* THAT WAS USED TO DETERMINE THE OPERATOR MARKET DEMAND FORECAST
* FOR THE OPERATOR IN THE RESERVOIR.
* -----
* FL-OPR-MKT-DMD-HIGH-PROD-WELLS
* -----
* THIS VALUE IS THE NUMBER OF WELLS CONTRIBUTING TO THE HIGHEST
* SIX MONTHS PRODUCTION FIGURE THAT WAS USED TO DETERMINE THE
* OPERATOR MARKET DEMAND FORECAST.
* -----
* FL-OPR-MKT-DMD-SUB-CAP-WELLS
* -----
* THIS VALUE IS THE NUMBER OF WELLS CONTRIBUTING TO THE SUBSTITUTE
* CAPABILITY FIGURE THAT WAS USED TO DETERMINE THE OPERATOR MARKET
* DEMAND FORECAST.
* -----
* FL-OPR-MKT-DMD-G10-WELLS
* -----
* THIS VALUE IS THE NUMBER OF WELLS CONTRIBUTING TO THE G-10
* CAPABILITY FIGURE THAT WAS USED TO DETERMINE THE OPERATOR
* MARKET DEMAND FORECAST.
* -----
* FL-OPR-MKT-DMD-DELQ-P2-WELLS
* -----
* THIS VALUE IS THE NUMBER OF WELLS THAT HAVE A DELINQUENT FORM
* P-2 FOR THE OPERATOR IN THE RESERVOIR.
* -----
* -----

* -----
* FL-OPR-MKT-DMD-3RD-MO-PREV
* -----
* THIS VALUE IS THE TOTAL PRODUCTION OF THE OPERATOR'S WELLS IN
* THE RESERVOIR FROM THREE MONTHS PREVIOUS.
*
* -----
* FL-MD-1-RECEIVED-FLAG
* -----
* THIS FIELD INDICATES WHETHER A FORM MD-1 HAS BEEN RECEIVED BY
* THE COMMISSION. A 'Y' INDICATES THAT A MD-1 HAS BEEN RECEIVED.
*
* -----
* FL-OPR-MKT-DMD-12-MONTH-PEAK
* -----
* THIS FIELD CONTAINS THE OPERATORS TWELVE MONTH PEAK AMOUNT.
* THIS FIELD IS USED FOR THE PANHANDLE WEST FIELD ONLY.

Field Gas Market Demand Remark

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*****
* FLW701H1 *
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S *
* * *
* FIELD MARKET DEMAND REMARK SEGMENT. *
* * *
* SEGMENT NAME: FLMKTRMK LENGTH: 80 BYTES *
* * *
* RECURRING: NO KEY *
* * *
*****
```

```
01 RAILROAD-COMMISSION-TAPE-REC. POS.
02 RRC-TAPE-RECORD-ID PIC X(02). 1
02 FL-MARKET-DEMAND-REMARK-SEG.
03 FL-MKT-DMD-COMM-ADJ-REMARKS PIC X(80) VALUE SPACES. 3
02 RRC-TAPE-FILLER PIC X(0158). 83
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* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    05  -  FIELD GAS FIELD MARKET DEMAND REMARKS TAPE RECORD
*
* -----
* FL-MKT-DMD-COMM-ADJ-REMARKS
* -----
* GAS FIELD MARKET DEMAND COMMISSION ADJUSTMENT REMARKS IS
* TEXT THAT IS FREE-FORM REMARKS MADE BY A PRORATION ANALYST
* CONCERNING THE CALCULATION OF THE RESERVOIR MARKET DEMAND
* AMOUNT FOR THIS CYCLE.  NOTE:  SEVERAL CANNED REMARKS CAN
* BE GENERATED WHEN THE DATA FOR THE A-SHEETS IS BUILT EACH
* MONTH.  THESE REMARKS ARE PRINTED ON THE ALLOCATION SHEET, A
* MONTHLY WORKSHEET USED INTERNALLY BY THE COMMISSION TO
* DETERMINE GAS FIELD OR RESERVOIR TOTAL ALLOCATION AND THE FIELD
* SUMMARY SIGNED BY THE COMMISSION AT THE STATEWIDE HEARING EACH
* MONTH.
*

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Field Market Demand Supplement Adjustment Remark

* FLW701I1 *
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S *
* *
* FIELD MARKET DEMAND SUPPLEMENT ADJUSTMENT REMARK SEGMENT *
* *
* SEGMENT NAME: FLSUPRMK LENGTH: 80 BYTES *
* *
* RECURRING: NO KEY *
* *

01	RAILROAD-COMMISSION-TAPE-REC.		POS.
02	RRC-TAPE-RECORD-ID	PIC X(02).	1
02	FL-MKT-DEMAND-SUPP-REMARK-SEG.		
03	FL-MKT-DMD-SUPP-ADJ-REMARKS	PIC X(80) VALUE SPACES.	3
02	RRC-TAPE-FILLER	PIC X(0158).	83

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    06  -  FIELD GAS FIELD MARKET DEMAND REMARKS TAPE RECORD
*
* -----
* FL-MKT-DMD-SUPP-ADJ-REMARKS
* -----
* GAS FIELD MARKET DEMAND SUPPLEMENT ADJUSTMENT REMARKS IS TEXT
* THAT IS FREE-FORM REMARKS MADE BY A PRORATION ANALYST CONCERNING
* THE CALCULATION OF THE RESERVOIR MARKET DEMAND AMOUNT FOR THIS
* CYCLE.  NOTE:  THIS REMARK IS USED FOR THE SUPPLEMENT ADJUSTMENT
* ONLY.  THE COMMISSION ADJUSTMENT REMARKS ARE USED FOR CANNED
* REMARKS AND ADJUSTMENTS MADE BY THE COMMISSION EACH MONTH.
* THESE REMARKS ARE PRINTED ON THE ALLOCATION SHEET, A MONTHLY
* WORKSHEET USED INTERNALLY BY THE COMMISSION TO DETERMINE GAS
* FIELD OR RESERVOIR TOTAL ALLOCATION AND THE FIELD SUMMARY
* SIGNED BY THE COMMISSION AT THE STATEWIDE HEARING EACH MONTH.
*

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Field Gas Cycle Information

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*****
* FLW701D3                                10/09/97 *
*      THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S *
*
*      FIELD GAS CYCLE SEGMENT. *
*
* SEGMENT NAME:  GASCYCLE                      LENGTH: 55 BYTES *
*-----*
* VARIABLE          ]      TYPE          ]      SSA      *
* NAME              ]                      ]      NAME      *
*-----*
* FL-GAS-CYCLE-KEY ]      KEY          ]      GASCYCKY     *
*-----*
*****
01 RAILROAD-COMMISSION-TAPE-REC.                POS.
   02 RRC-TAPE-RECORD-ID                        PIC X(02).        1
   02 FL-GAS-CYCLE-SEGMENT.
     03 FL-GAS-CYCLE-KEY                        PIC 9(04)  VALUE ZEROS.  3
     03 FL-GAS-TYPE-FIELD-CODE                 PIC X(02)  VALUE SPACES.  7
         88 FL-49B                             VALUE '49'.
         88 FL-EXEMPT                          VALUE 'EX'.
         88 FL-PRORATED                        VALUE 'PR'.
         88 FL-CYCLING                         VALUE 'CY'.
         88 FL-STORAGE                         VALUE 'ST'.
         88 FL-LIQUID-LIMIT                    VALUE 'LQ'.
         88 FL-CAPACITY                        VALUE 'CA'.
         88 FL-SALVAGE                         VALUE 'SV'.
         88 FL-ONE-WELL                        VALUE 'ON'.
         88 FL-SPECIAL                         VALUE 'SP'.
     03 FL-COUNTY-REGULAR-INDICATOR            PIC X(01)  VALUE 'N'.        9
         88 FL-COUNTY-REGULAR                  VALUE 'Y'.
     03 FL-GAS-LIMITED-PROD-ALLOWABLE         PIC X(02).        10
         88 FL-REGULAR-6-MON-MONTHLY          VALUE '6M'.
         88 FL-SPECIAL-3-MON-MONTHLY          VALUE '3M'.
         88 FL-SPECIAL-1-MON-MONTHLY          VALUE '1M'.
         88 FL-SPECIAL-1-MON-DAILY            VALUE '1D'.
         88 FL-SPECIAL-3-MON-HIGH-DAILY        VALUE '3D'.
         88 FL-NO-LIMITED-PROD-ALLOWABLE      VALUE 'NO'.
     03 FL-GAS-BALANCE-RULE-CODE               PIC X(01).        12
         88 FL-NO-BALANCING                    VALUE 'N'.
         88 FL-REGULAR-BALANCING                VALUE 'R'.
         88 FL-BALANCE-NO-SUPPLEMENTS          VALUE 'C'.
         88 FL-BALANCE-WITH-SUPPLEMENTS        VALUE 'S'.
         88 FL-BALANCE-LIMITED-WITH-UNDER      VALUE 'L'.
     03 FL-GAS-NO-PAST-PRODUCTION-FLAG        PIC X(01)  VALUE 'Y'.        13
         88 FL-GAS-DONT-USE-PAST-PROD          VALUE 'N'.
     03 FL-GAS-NO-HIGHEST-DAILY-FLAG          PIC X(01)  VALUE 'Y'.        14
         88 FL-GAS-DONT-USE-HIGHEST-DLY       VALUE 'N'.
     03 FL-GAS-HIGHEST-DAILY-CYCLES           PIC 9(01)  VALUE ZEROS.    15
     03 FL-GAS-EXCEPT-HIGH-DAY-AMOUNT       PIC 9(09)  COMP-3    16
         VALUE ZEROS.
     03 FL-GAS-PAST-PRODUCTION-CYCLES         PIC 9(01)  VALUE ZEROS.    21
     03 FL-GAS-EXCEPT-PAST-PROD-AMOUNT      PIC 9(09)  COMP-3    22
         VALUE ZEROS.
     03 FL-GAS-WELLS-WITH-ALLOWABLES         PIC 9(09)  COMP-3

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			VALUE ZEROS.	27
03	FL-GAS-SCHEDULE-COLUMN-HDG-CD	PIC X(01)		
			VALUE ZEROS.	32
03	FL-GAS-LIMIT-ALLOW-HEARING-FLG	PIC X(01)		
			VALUE 'N'.	33
	88 FL-GAS-LIMIT-ALLOW-BY-HEARING		VALUE 'Y'.	
03	FL-GAS-CAPABILITY-REVIEW-FLAG	PIC X(01)		
			VALUE 'N'.	34
	88 FL-GAS-ONE-MONTH-REVIEW		VALUE 'Y'.	
03	FL-ELIGIBLE-FOR-250-SPEC-FLAG	PIC X(01)		
			VALUE 'N'.	35
	88 FL-HAS-250-K1-ALLOW		VALUE 'Y'.	
	88 FL-GAS-SPECL-FLD-RULES-EXIST		VALUE 'N'.	
03	FL-PERMANENT-GAS-WELL-FLAG	PIC X(01)	VALUE SPACES.	36
	88 FL-PERMANENT-GAS-WELL		VALUE 'Y'.	
03	FL-SIWH-EXCEPTION-FLAG	PIC X(01)	VALUE 'N'.	37
	88 FL-SIWH-EXCEPTION		VALUE 'Y'.	
03	FILLER	PIC X(20)	VALUE ZEROS.	38
02	RRC-TAPE-FILLER	PIC X(181)		59

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* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 07 - FIELD GAS CYCLE INFORMATION TAPE RECORD
*
* -----
* FL-GAS-CYCLE-KEY
* -----
* THIS NUMERIC VALUE REPRESENTS THE PERIOD OF TIME FOR WHICH THE
* FOLLOWING INFORMATION APPLIES.
*
* -----
* FL-GAS-TYPE-FIELD-CODE
* -----
* THE CLASSIFICATION GIVEN TO GAS FIELDS BASED ON SUCH FACTORS
* AS NUMBER OF WELLS IN THE FIELD, DAILY PRODUCING RATE OF THE
* WELLS, AND DEMAND FOR GAS.  THIS CLASSIFICATION IS USED TO
* DETERMINE THE METHOD OF CALCULATING THE MONTHLY ALLOWABLE FOR
* THE FIELD.
*
* FL-49B          VALUE '49'.
* FL-EXEMPT      VALUE 'EX'.
* FL-PRORATED    VALUE 'PR'.
* FL-CYCLING     VALUE 'CY'.
* FL-STORAGE     VALUE 'ST'.
* FL-LIQUID-LIMIT VALUE 'LQ'.
* FL-CAPACITY    VALUE 'CA'.
* FL-SALVAGE     VALUE 'SV'.
* FL-ONE-WELL    VALUE 'ON'.
* FL-SPECIAL     VALUE 'SP'.
*
* -----
* FL-COUNTY-REGULAR-INDICATOR
* -----
* THIS DATA ITEM IS USED BY THE ALLOWABLE CALCULATE PROCESS.  IT
* IS USED EXCLUSIVELY BY EXEMPT GAS FIELDS TO SIGNAL THE
* CALCULATE PROGRAM TO CHECK THE WELL'S DELIVERABILITY FOR AN
* AMOUNT OF GREATER THAN 200 MCF.  IF THE FLAG IS SET TO A 'Y'
* AND THE DELIVERABILITY EXCEEDS 200 MCF, THE AMOUNT OF 200 MCF
* IS MULTIPLIED BY THE NUMBER OF DAYS IN THE ALLOWABLE CYCLE TO
* DETERMINE THE WELL'S TOP ALLOWABLE FOR THE CYCLE.  IN OTHER
* WORDS THE ALLOWABLE IS LIMITED TO 200 MCF A DAY.
*
* FL-COUNTY-REGULAR          VALUE 'Y'.

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```

* -----
* FL-GAS-LIMITED-PROD-ALLOWABLE
* -----
* THIS DATA ITEM WORKS IN CONJUNCTION WITH THE
* WL-GAS-PAST-PRODUCTION AMOUNT FOUND ON THE WELL REPORTING
* CYCLE SEGMENT, WLGRPTCY. ALL WELLS IN THE FIELD ARE SUBJECT
* TO THE "PAST PRODUCTION" PROVISIONS DICTATED BY THE FOLLOWING
* FLAG VALUES. A WELL ALLOWABLE THAT IS LIMITED BECAUSE OF PAST
* PRODUCTION IS CALLED AN '@' ALLOWABLE.
*
* FL-REGULAR-6-MON-MONTHLY VALUE '6M'.
* A FL-REGULAR-6-MON-MONTHLY OR "NORMAL" @ PAST
* PRODUCTION AMOUNT IS ELIGIBLE TO BE ASSIGNED TO A WELL
* IN A PRORATED FIELD AFTER THE WELL HAS BEEN EITHER
* UNDERPRODUCED OR BALANCED FOR TWO CONSECUTIVE BALANCING
* PERIODS.
*
* FL-SPECIAL-3-MON-MONTHLY VALUE '3M'.
* THE FL-SPECIAL-3-MON-MONTHLY VALUE IS USED PRESENTLY IN
* STORAGE FIELDS ONLY. IT REPRESENTS THE HIGHEST
* PRODUCTION AMOUNT FROM THE THREE MOST RECENT COMPLETED
* PRODUCTION CYCLES AND IS A MONTHLY FIGURE.
*
* FL-SPECIAL-1-MON-MONTHLY VALUE '1M'.
* THE FL-SPECIAL-1-MON-MONTHLY OR 'IMMEDIATE "@" IS THE
* PAST PRODUCTION AMOUNT FROM THE MOST RECENT PRODUCTION
* CYCLE AND IS A MONTHLY FIGURE. IT IS USED PRESENTLY IN
* ONE WELL FIELDS ONLY.
*
* FL-SPECIAL-1-MON-DAILY VALUE '1D'.
* THE FL-SPECIAL-1-MON-DAILY OR 'IMMEDIATE "@" IS THE
* PAST PRODUCTION AMOUNT FROM THE MOST RECENT PRODUCTION
* CYCLE AND IS A DAILY FIGURE. IT IS USED BY PRORATED
* FIELDS, 100% AOF OR CAPACITY FIELDS, AND SALVAGE
* FIELDS.
*
* FL-SPECIAL-3-MON-HIGH-DAILY VALUE '3D'.
* THE FL-SPECIAL-3-MON-HIGH-DAILY IS THE HIGHEST DAILY
* PAST PRODUCTION AMOUNT FROM THE THREE MOST RECENT
* PRODUCTION CYCLES. IT IS USED EXCLUSIVELY BY PRORATED
* FIELDS.
*
* FL-NO-LIMITED-PROD-ALLOWABLE VALUE 'NO'.
* THIS MEANS THAT THE WL-GAS-PAST-PRODUCTION AMOUNT FOUND
* ON THE WELL REPORTING CYCLE SEGMENT, WLGRPTCY, SHOULD
* NOT BE USED AS AN ALLOWABLE FOR ALL OF THE WELLS IN THE
* FIELD.

```

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* -----
* FL-GAS-BALANCE-RULE-CODE
* -----
* THIS DATA ITEM INDICATES WHETHER BALANCING RULES EXIST FOR THE
* WELLS IN THE FIELD.  WELLS IN MOST FIELDS ACCUMULATE OVERAGE.
* THAT IS, IF THE WELL HAS OVERPRODUCED DURING A GIVEN CYCLE,
* THAT AMOUNT OF OVERPRODUCTION IS KEPT UP WITH OR MAINTAINED.
*
*      FL-NO-BALANCING                VALUE 'N'.
*      SIMPLE BALANCING AS MENTIONED ABOVE IS PERFORMED.
*
*      FL-REGULAR-BALANCING           VALUE 'R'.
*      REGULAR BALANCING IS ASSOCIATED WITH WELLS IN PRORATED
*      FIELDS WHERE BOTH OVERPRODUCTION AND UNDERPRODUCTION
*      ARE MAINTAINED.  UNDERPRODUCTION IS SUSCEPTABLE TO
*      BEING CANCELLED AFTER A PERIOD OF TIME.
*
*      FL-BALANCE-NO-SUPPLEMENTS      VALUE 'C'.
*      UNDEFINED.
*
*      FL-BALANCE-WITH-SUPPLEMENTS    VALUE 'S'.
*      UNDEFINED.
*
*      FL-BALANCE-LIMITED-WITH-UNDER VALUE 'L'.
*      UNDEFINED.
*
* -----
* FL-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 FIELD LEVEL BLOCK WHERE IF THIS FLAG IS SET TO 'Y', THE
* PAST PRODUCTION '@' AMOUNT, WL-GAS-PAST-PRODUCTION, FROM THE
* WELL REPORTING CYCLE SEGMENT IS NOT USED FOR ALL WELLS IN THE
* FIELD.  THERE IS ALSO A SIMILAR FLAG ON THE WELL LEVEL THAT
* WILL BLOCK THE USE OF THE PAST PRODUCTION '@' AMOUNT FOR THAT
* PARTICULAR WELL.  IT IS FOUND ON THE PRODUCTION REPORTING
* CYCLE SEGMENT PDGRPTCY, PD-GAS-NO-PAST-PRODUCTION-FLAG.
* PROGRAMS DECIDING WHETHER TO USE THE PAST PRODUCTION '@'
* AMOUNT SHOULD CHECK THE FIELD LEVEL FLAG FIRST AND THEN THE
* WELL LEVEL FLAG.  IF NEITHER ARE SET, THEN IT IS OKAY TO USE
* THE AMOUNT.
*
*      FL-GAS-DONT-USE-PAST-PROD      VALUE 'N'.
*      THE PAST PRODUCTION '@' AMOUNT,
*      WL-GAS-PAST-PRODUCTION, IS NOT TO BE USED.

```


* -----
* FL-GAS-NO-HIGHEST-DAILY-FLAG
* -----
* THIS FLAG IS SET TO 'Y' IF THE HIGHEST DAILY AVERAGE AMOUNT,
* WL-GAS-HIGHEST-DAILY-AVERAGE ON THE WELL REPORTING CYCLE
* SEGMENT WLGRPTCY, IS NOT TO BE USED IN DETERMINING THE
* ALLOWABLE (NO U OR L TYPE ALLOWABLE) FOR ALL WELLS IN THE
* FIELD. THERE IS ALSO A SIMILAR BLOCK ON THE WELL LEVEL WHICH
* IS FOUND ON THE PRODUCTION REPORTING CYCLE SEGMENT, PDGRPTCY,
* CALLED PD-GAS-NO-HIGHEST-DAILY-FLAG.
*
* FL-GAS-DONT-USE-HIGHEST-DLY VALUE 'N'.
* DO NOT USE HIGHEST DAILY PRODUCTION AMOUNT
* WL-GAS-HIGHEST-DAILY-AVERAGE.
*
* -----
* FL-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
* FL-GAS-HIGHEST-DAILY-CYCLES IS A NUMBER THAT REPRESENTS THE
* NUMBER OF CYCLES REMAINING (INCLUDING THIS ONE) THAT EITHER
* THE FL-GAS-EXCEPT-HIGH-DAY-AMOUNT SHOULD BE USED OR THE
* FL-GAS-NO-HIGHEST-DAILY-FLAG IS IN EFFECT.
*
* IF THE FL-GAS-HIGHEST-DAILY-CYCLES EQUALS ZEROES AND THE
* FL-GAS-NO-HIGHEST-DAILY-FLAG IS EQUAL TO 'Y', THE TWELVE MONTH
* HIGHEST DAILY AVERAGE PRODUCTION ALLOWABLE SHOULD BE USED IF
* AVAILABLE.
*
* IF THE FL-GAS-HIGHEST-DAILY-CYCLES EQUALS ZEROES AND THE
* FL-GAS-NO-HIGHEST-DAILY-FLAG IS EQUAL TO 'N,' NEITHER THE
* TWELVE MONTH HIGHEST DAILY AVERAGE PRODUCTION ALLOWABLE OR THE
* FL-GAS-EXCEPT-HIGH-DAY-AMOUNT WILL BE USED.
*
* IF THE FL-GAS-HIGHEST-DAILY-CYCLES IS GREATER THAN ZEROES AND
* THE FL-GAS-NO-HIGHEST-DAILY-FLAG IS EQUAL TO 'N,' NEITHER THE
* TWELVE MONTH HIGHEST DAILY AVERAGE PRODUCTION ALLOWABLE OR THE
* FL-GAS-EXCEPT-HIGH-DAY-AMOUNT WILL BE USED FOR THE NUMBER OF
* CYCLES REPRESENTED BY THE FL-GAS-HIGHEST-DAILY-CYCLES
* INCLUDING THIS CYCLE.
*
* IF THE FL-GAS-HIGHEST-DAILY-CYCLES IS GREATER THAN ZEROES AND
* THE FL-GAS-NO-HIGHEST-DAILY-FLAG IS EQUAL TO 'Y,' THE
* FL-GAS-EXCEPT-HIGH-DAY-AMOUNT WILL BE USED FOR THE NUMBER OF
* CYCLES REPRESENTED BY THE FL-GAS-HIGHEST-DAILY-CYCLES,
* INCLUDING THIS CYCLE.

```

* -----
* FL-GAS-EXCEPT-HIGH-DAY-AMOUNT
* -----
* THIS IS A NUMERIC AMOUNT USED INSTEAD OF THE TWELVE MONTH
* HIGHEST DAILY AVERAGE PRODUCTION ALLOWABLE ACCORDING TO THE
* FL-GAS-EXCEPT-HIGH-DAY-FLAG DESCRIBED ABOVE.  THE
* FL-GAS-NO-HIGHEST-DAILY-FLAG AND THE
* PD-GAS-NO-HIGHEST-DAILY-FLAG MUST NOT BE SET IN ORDER TO USE
* THE HIGHEST DAILY AVERAGE EXCEPTION AMOUNT.
*
* -----
* FL-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
* FL-GAS-PAST-PRODUCTION-CYCLES IS A NUMBER THAT REPRESENTS THE
* NUMBER OF CYCLES REMIANING (INCLUDING THIS ONE) THAT EITHER
* THE FL-GAS-EXCEPT-PAST-PROD-AMOUNT SHOULD BE USED OR THE
* FL-GAS-NO-PAST-PRODUCTION-FLAG IS IN EFFECT.
*
* IF FL-GAS-PAST-PRODUCTION-CYCLES EQUALS ZEROES AND THE
* FL-GAS-NO-PAST-PRODUCTION-FLAG IS EQUAL TO 'Y,' THE PAST
* PRODUCTION ALLOWABLE SHOULD BE USED IF AVAILABLE.
*
* IF THE FL-GAS-PAST-PRODUCTION-CYCLES EQUALS ZEROES AND THE
* FL-GAS-NO-PAST-PRODUCTION-FLAG IS EQUAL TO 'N,' NEITHER THE
* PAST PRODUCTION ALLOWABLE OR THE
* FL-GAS-EXCEPT-PAST-PROD-AMOUNT WILL BE USED.
*
* IF THE FL-GAS-PAST-PRODUCTION-CYCLES IS GREATER THAN ZEROES
* AND THE FL-GAS-NO-PAST-PRODUCTION-FLAG IS EQUAL TO 'N,'
* NEITHER THE PAST PRODUCTION ALLOWABLE OR THE
* FL-GAS-EXCEPT-PAST-PROD-AMOUNT WILL BE USED FOR THE NUMBER OF
* CYCLES REPRESENTED BY THE FL-GAS-PAST-PRODUCTION-CYCLES,
* INCLUDING THIS CYCLE.
*
* IF THE FL-GAS-PAST-PRODUCTION-CYCLES IS GREATER THAN ZEROES
* AND THE FL-GAS-NO-PAST-PRODUCTION-FLAG IS EQUAL TO 'Y,' THE
* FL-GAS-EXCEPT-PAST-PROD-AMOUNT WILL BE USED FOR THE NUMBER OF
* CYCLES REPRESENTED BY THE FL-GAS-PAST-PRODUCTION-CYCLES,
* INCLUDING THIS CYCLE.
*
* -----
* FL-GAS-EXCEPT-PAST-PROD-AMOUNT
* -----
* THIS IS A NUMERIC AMOUNT USED INSTEAD OF THE PAST PRODUCTION
* '@' AMOUNT ACCORDING TO THE FL-GAS-EXCEPT-PAST-PROD-FLAG
* DESCRIBED ABOVE.  THE FL-GAS-NO-PAST-PRODUCTION-FLAG AND THE
* PD-GAS-NO-PAST-PRODUCTION-FLAG MUST NOT BE SET IN ORDER TO USE
* THE PAST PRODUCTION '@' AMOUNT.
*
* -----
* FL-GAS-WELLS-WITH-ALLOWABLES
* -----
* THIS NUMERIC DATA ITEM IS THE NUMBER OF WELLS IN THE FIELD
* THAT RECEIVED AN ALLOWABLE GREATER THAN ZERO.

```

```

* -----
* FL-GAS-SCHEDULE-COLUMN-HDG-CD
* -----
* THE GAS SCHEDULE COLUMN HEADING CODE DETERMINES HOW COLUMNS
* WILL BE PRINTED ON THE SCHEDULE.
*
* -----
* FL-GAS-LIMIT-ALLOW-HEARING-FLG
* -----
* THIS FLAG INDICATES THAT THE PAST PRODUCTION AMOUNT WAS
* DETERMINED IN A HEARING AND IS BEING CALCULATED ACCORDING TO
* THE FIELD RULES CONTAINED IN THE SPECIAL ORDERS FOR THIS
* FIELD.
*
*      '@' AMOUNT BY HEARING                VALUE 'Y'.
*
* -----
* FL-GAS-CAPABILITY-REVIEW-FLAG
* -----
* THIS FLAG INDICATES THAT ONLY ONE MONTH OF PRODUCTION WILL BE
* REVIEWED WHEN DETERMINING THE WELL'S CAPABILITY.
*
*      ONE MONTH PRODUCTION REVIEW          VALUE 'Y'.
*
* -----
* FL-ELIGIBLE-FOR-250-SPEC-FLAG                VALUE 'N'.
*      88 FL-HAS-250-K1-ALLOW                VALUE 'Y'.
*      88 FL-GAS-SPECL-FLD-RULES-EXIST      VALUE 'N'.
* -----
* THIS FLAG INDICATES THAT THIS FIELD HAS A 0-250 DELIVERABILITY,
* HAS NO FIELD RULES, AND THEREFORE DOES NOT REQUIRE A G-10.
* THE USER MUST MANUALLY CHANGE THIS FLAG TO ALLOW ELIGIBILITY.
*
* WHILE THE FLAG MAINTAINS THE ELIGIBILITY STATUS, THE CICS MAPS
* WILL EXPRESS THIS DATA ITEM IN TERMS OF ITS 88 LEVEL 'SPECIAL
* FIELD RULES EXIST'. THEREFORE, IF THIS FLAG IS 'N', A 'SPECIAL
* FIELD RULES EXIST ==> YES, WILL BE DISPLAYED.
*

```

Field Gas Rule

```
*****
* FLW700C2
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* FIELD GAS RULES SEGMENT.
*
*
* SEGMENT NAME: GSFLDRUL 238 BYTES
*-----*
* VARIABLE ] TYPE ] SSA ]
* NAME ] ] NAME ]
*-----*
* FL-GAS-RULE-EFFECTIVE-KEY ] KEY ] GSRULDTE ]
* FL-GAS-PRORATION-EFF-DATE ] SEARCH ] GSEFFDTE ]
* FL-GAS-DOCKET-NUMBER ] SEARCH ] GSDOCKET ]
*-----*
```

```
*****
01 RAILROAD-COMMISSION-TAPE-REC. POS.
02 RRC-TAPE-RECORD-ID PIC X(02) . 1
02 FL-GAS-FIELD-RULES.
03 FL-GAS-RULE-EFFECTIVE-KEY PIC 9(8) . 3
03 FL-GAS-PRORATION-EFF-DATE.
05 FL-GAS-PRORATION-EFF-CCYY.
10 FL-PRORATION-EFF-CENTURY PIC 99. 11
10 FL-PRORATION-EFF-YEAR PIC 99. 13
05 FL-PRORATION-EFF-MONTH PIC 99. 15
05 FL-PRORATION-EFF-DAY PIC 99. 17
03 FL-GAS-PRORATION-SUSPEND-DATE.
05 FL-GAS-PRORATION-SUSPEND-CCYY.
10 FL-GAS-PRORATION-SUSPEND-CNTRY PIC 99. 19
10 FL-GAS-PRORATION-SUSPEND-YEAR PIC 99. 21
05 FL-GAS-PRORATION-SUSPEND-MONTH PIC 99. 23
05 FL-GAS-PRORATION-SUSPEND-DAY PIC 99. 25
03 FL-GAS-RULES-RESCINDED-DATE.
05 FL-GAS-RULES-RESCINDED-CCYY.
10 FL-GAS-RULES-RESCINDED-CNTRY PIC 99. 27
10 FL-GAS-RULES-RESCINDED-YEAR PIC 99. 29
05 FL-GAS-RULES-RESCINDED-MONTH PIC 99. 31
05 FL-GAS-RULES-RESCINDED-DAY PIC 99. 33
03 FL-GAS-DOCKET-SUFFIX PIC X(03) . 35
03 FL-GAS-SPACING-TO-LEASE-LINE PIC 9(04) . 38
03 FL-GAS-SPACING-TO-WELL PIC 9(04) . 42
03 FL-GAS-INJECTION-CREDIT PIC X(01) . 46
03 FL-GAS-ACRES-PER-UNIT PIC 9(04)V99. 47
03 FL-GAS-TOLERANCE-ACRES PIC 9(03)V99. 53
03 FL-GAS-CASING-CODE PIC X(01) . 58
88 FL-GAS-CASING-BASED-ON-RULES VALUE 'F' .
88 FL-GAS-CASING-BASED-ON-TDWR VALUE 'W' .
03 FL-GAS-CASING-DEPTH PIC 9(05) . 59
03 FL-GAS-CASING-REMARKS PIC X(32) . 64
03 FL-GAS-DIAGONAL-CODE PIC X(02) . 96
88 FL-GAS-CORNER-CORNER-DIAGONAL VALUE 'CC' .
88 FL-GAS-WELL-CORNER-DIAGONAL VALUE 'WC' .
03 FL-GAS-DIAGONAL PIC 9(05) . 98
03 FL-GAS-DIAGONAL-REMARKS PIC X(21) . 103
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03	FL-GAS-FIELD-ALLOW-TOLERANCE	PIC 9(03).	124
03	FL-GAS-FIELD-TRANSFER-ALLOW	PIC X(01).	127
	88 FL-GAS-ALLOW-TRANS-NOT-ALLOWED	VALUE 'N'.	
	88 FL-GAS-ALLOW-TRANS-ALLOWED	VALUE 'Y'.	
03	FL-GAS-ALLOWABLE-BASIS	PIC X(01).	128
03	FL-GAS-NO-MONTHS-AVERAGED	PIC 9(02).	129
03	FL-GAS-FIELD-TEXT	PIC X(60).	131
03	FL-GAS-OLD-ALLOCATION-CODE	PIC X(01).	191
03	FL-GAS-CLASS-PENDING-CODE	PIC X(02).	192
03	FL-GAS-DOCKET-NUMBER	PIC X(10).	194
03	FILLER REDEFINES FL-GAS-DOCKET-NUMBER.		
	05 FL-DOCKET-DISTRICT	PIC X(02).	
	05 FILLER	PIC X(01).	
	05 FL-DOCKET-ASSIGNED-NUMBER	PIC 9(05).	
	05 FILLER	PIC X(02).	
03	FILLER REDEFINES FL-GAS-DOCKET-NUMBER.		
	05 FL-NEW-DOCKET-DISTRICT	PIC X(02).	
	05 FILLER	PIC X(01).	
	05 FL-NEW-DOCKET-ASSIGNED-NBR	PIC 9(07).	
03	FL-GAS-RULES-NOT-RELIABLE-FLAG	PIC X(01) VALUE SPACES.	204
	88 FL-GAS-RULES-NOT-RELIABLE	VALUE 'Y'.	
03	FILLER	PIC X(36) VALUE ZEROS.	205

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    08  -   GAS FIELD RULE TAPE RECORD
*
* -----
* FL-GAS-RULE-EFFECTIVE-KEY
* -----
* THE GAS RULE EFFECTIVE KEY IS USED TO ACCESS INFORMATION
* CONCERNING THE DENSITY REQUIREMENTS OF A GAS FIELD.  THE KEY IS
* DERIVED BY SUBTRACTING THE EFFECTIVE FIELD RULE DATE FROM
* 99999999.  THE DATE IS STORED IN A FORMAT CCYY/MM/DD WHERE
* CC=CENTURY, YY=YEAR, MM=MONTH, AND DD=DAY.
*
* -----
* FL-GAS-PRORATION-EFFECTIVE-DATE
* -----
* THE GAS PRORATION EFFECTIVE DATE INDICATES THE DATE THE
* ALLOCATION FORMULA BECOMES EFFECTIVE FOR GAS PRORATED FIELDS.
* THIS DATE IS STORED IN THE CCYYMMDD FORMAT.
*
* -----
* FL-GAS-PRORATION-SUSPEND-DATE
* -----
* THE GAS PRORATION SUSPENDED DATE INDICATES IN CENTURY, YEAR, MONTH,
* AND DAY FORMAT WHEN THE ALLOCATION FORMULA IS SUSPENDED FOR A
* GAS FIELD.
*
* -----
* FL-GAS-RULES-RESCINDED-DATE
* -----
* THE GAS RULES RESCINDED DATE INDICATES IN CENTURY, YEAR, MONTH,
* AND DAY FORMAT WHEN THE FIELD RULES WERE RESCINDED AND THE
* GAS FIELD REVERTED BACK TO STATEWIDE SPACING RULES.
*
* -----
* FL-GAS-DOCKET-SUFFIX
* -----
* THE DOCKET SUFFIX IS A UNIQUE THREE-BYTE FIELD USED TO
* CATEGORIZE THE DOCKET.

```

* -----
 * FL-GAS-SPACING-TO-LEASE-LINE
 * -----
 * THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE DISTANCE
 * OF A WELL BE 467 FEET FROM THE LEASE LINE, 1200 FEET FROM WELL
 * TO WELL, AND 40 ACRES PER UNIT. AN OPERATOR MAY REQUEST THE
 * SCHEDULING OF A HEARING IF HE FEELS AN EXCEPTION TO THE
 * STATEWIDE SPACING RULE IS WARRANTED. THIS DATA ITEM INDICATES
 * THE DISTANCE A WELL MUST BE FROM THE NEAREST LEASE LINE.
 *
 * -----
 * FL-GAS-SPACING-TO-WELL
 * -----
 * THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE DISTANCE
 * OF A WELL BE 467 FEET FROM THE LEASE LINE, 1200 FEET FROM WELL
 * TO WELL, AND 40 ACRES PER UNIT. AN OPERATOR MAY REQUEST THE
 * SCHEDULING OF A HEARING IF HE FEELS AN EXCEPTION TO THE
 * STATEWIDE SPACING RULE IS WARRANTED. THIS DATA ITEM INDICATES
 * THE DISTANCE A WELL MUST BE FROM THE NEAREST WELL.
 *
 * -----
 * FL-GAS-INJECTION-CREDIT
 * -----
 * THE GAS INJECTION CREDIT IS GIVEN FOR INJECTING GAS BACK INTO
 * THE WELL (USUALLY FOR SECONDARY RECOVERY PURPOSES). THE AMOUNT
 * INJECTED BACK INTO THE RESERVOIR IS SUBTRACTED FROM THE
 * MONTHLY PRODUCTION AMOUNT TO DETERMINE A NET PRODUCTION. IF
 * THE CODE IS "Y", CREDIT IS GIVEN. IF THE CODE IS "N", NO
 * CREDIT WILL BE GIVEN.
 *
 * -----
 * FL-GAS-ACRES-PER-UNIT
 * -----
 * THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE
 * DISTANCE OF A WELL BE 467 FEET FROM THE LEASE LINE, 1200 FEET
 * FROM WELL TO WELL, AND 40 ACRES PER UNIT. AN OPERATOR MAY
 * REQUEST THE SCHEDULING OF A HEARING IF HE FEELS AN EXCEPTION TO
 * THE STATEWIDE SPACING RULE IS WARRANTED. THIS DATA ITEM
 * INDICATES THE NUMBER OF ACRES DEDICATED TO A WELL BASED ON THE
 * STATEWIDE RULE 37 OR A HEARING RULING.
 *
 * -----
 * FL-GAS-TOLERANCE-ACRES
 * -----
 * THIS DATA ITEM INDICATES THE ACREAGE REMAINING IN A LEASE AFTER
 * A WELL HAS BEEN DRILLED AND COMPLETED ON EACH PRORATION UNIT
 * (THE ACREAGE ASSIGNED TO EACH WELL) IN A FIELD. SOMETIMES THE
 * ACREAGE IN A LEASE CANNOT BE DIVIDED EXACTLY BY THE AMOUNT
 * SPECIFIED AS THE STANDARD UNIT. THE OPERATOR WILL THEN REQUEST
 * THAT THE EXCESS ACREAGE BE DIVIDED AMONG THE OTHER WELLS IN THE
 * LEASE OR ALLOCATED TO THE LAST WELL DRILLED.

```

* -----
* FL-GAS-CASING-CODE
* -----
* THE CASING DEPTH IS THE REQUIRED CASING DEPTH SET BY FIELD RULES
* OR BY THE TEXAS DEPARTMENT OF WATER RESOURCES TO ENFORCE THE
* PROTECTION OF FRESH WATER SANDS AND AVOID POLLUTION FROM
* PRODUCTION. THE VALUES BELOW INDICATE THE BASIS FOR CASING
* REQUIREMENTS.
*
*           GAS CASING BASED ON FIELD RULES           VALUE "F"
*           GAS CASING BASED ON TDWR                   VALUE "W"
*
* -----
* FL-GAS-CASING-DEPTH
* -----
* THE DEPTH, IN FEET, THAT THE CASING OF THE DISCOVERY WELL
* WAS SET.
*
* -----
* FL-GAS-CASING-REMARKS
* -----
* GAS CASING REMARKS ARE FREE-FORM REMARKS MADE BY A PRORATION
* ANALYST CONCERNING THE CASING IN A GAS WELL.
*
* -----
* FL-GAS-DIAGONAL-CODE
* -----
* INDICATES THE METHOD USED TO MEASURE THE DIAGONAL. IF THE CODE
* IS "CC", THE DIAGONAL IS MEASURED FROM CORNER TO CORNER. IF THE
* CODE IS "WC", THE DIAGONAL IS MEASURED FROM WELL TO CORNER.
*
*           GAS CORNER-TO-CORNER DIAGONAL           VALUE "CC"
*           GAS WELL-TO-CORNER DIAGONAL             VALUE "WC"
*
* -----
* FL-GAS-DIAGONAL
* -----
* THE DIAGONAL IS A MEASUREMENT FROM WELL TO NEAREST CORNER OF THE
* PRORATION UNIT (ACREAGE ASSIGNED TO EACH WELL) OR FROM CORNER TO
* CORNER OF THE PRORATION UNIT. THE PURPOSE OF THE DIAGONAL
* MEASUREMENT IS TO CREATE UNITS OF ACREAGE OF A CERTAIN MINIMUM
* SIZE UPON WHICH ONE WELL MAY BE DRILLED. BY DETERMINING THE
* MOST REASONABLE PATTERN OF DEVELOPMENT IN A FIELD, THE CORREL-
* ATIVE RIGHTS OF ALL OPERATORS IN THE FIELD CAN BE PROTECTED AND
* PHYSICAL WASTE PREVENTED.
*
* -----
* FL-GAS-DIAGONAL-REMARKS
* -----
* GAS DIAGONAL REMARKS ARE FREE-FORM REMARKS MADE BY A PRORATION
* ANALYST CONCERNING THE DIAGONAL OF A FIELD.

```



```

* -----
* FL-GAS-FIELD-ALLOW-TOLERANCE
* -----
* THE GAS FIELD ALLOWABLE TOLERANCE IS THE MAXIMUM DEVIATION
* ALLOWED FROM THE TOTAL ALLOWABLE ASSIGNED TO A RESERVIOR WHEN
* CALCULATING AND ASSIGNING WELL ALLOWABLES.  THE STANDARD
* DEVIATION IS 1.5 MCF PER WELL.
* THE COMPUTER DISTRIBUTES ALLOWABLES AMONG WELLS IN THE FIELD
* BASED ON CHARACTERISTICS OF THE WELL, (I.E. DEPTH, ACRES, ETC.).
* THE COMPUTER PROCESSES THE DATA NINE TIMES OR UNTIL ALLOWABLES
* ARE WITHIN THE TOLERANCE LEVEL.  THE COMPUTER WILL THEN QUIT
* PROCESSING AND WILL NOT DISTRIBUTE ANY REMAINING ALLOWABLES.
*
* -----
* FL-GAS-FIELD-TRANSFER-ALLOW
* -----
* IF A WELL IS NOT A GOOD PRODUCING WELL, ALLOWABLES MAY BE GIVEN
* (TRANSFERRED) TO A WELL THAT CAN PRODUCE THE ALLOWABLE.  THIS
* TRANSFERRING OF ALLOWABLES MUST BE APPROVED BY THE RAILROAD
* COMMISSION; APPROVAL FOR THE TRANSFER OF AN ALLOWABLE IS UNCOM-
* MON.  THE VALUES BELOW INDICATE IF A WELL IS ALLOWED TO TRANSFER
* ALLOWABLES.
*
*           GAS ALLOWABLE TRANSFER NOT ALLOWED           VALUE "N"
*           GAS ALLOWABLE TRANSFER ALLOWED                VALUE "Y"
*
* -----
* FL-GAS-ALLOWABLE-BASIS
* -----
* THE GAS ALLOWABLE BASIS INDICATES HOW A FIELD'S ALLOWABLES ARE
* DETERMINED.  IF VALUE "G", THE ALLOWABLE IS BASED ON THE G-7
* FORM (FORECAST FOR THE PRODUCTION AND DISPOSITION OF GAS WELL
* GAS IN PRORATED GAS FIELDS) AND T-3 FORM (NOMINATOR'S FORECAST)
* PROCESS.  THIS PROCESS CONSISTS OF COMPARING THE AMOUNT OF GAS
* A FIRST PURCHASER (OR HIS ASSIGNED AGENT) WILL BUY BASED ON
* MARKET CONDITIONS TO THE AMOUNT OF GAS AN OPERATOR CAN PRODUCE
* DURING THAT MONTH.  IF VALUE IS "A", THE ALLOWABLE IS BASED ON
* AN AVERAGE OF THE FIELD'S PREVIOUS PRODUCTION.
*
* -----
* FL-GAS-NO-MONTHS-AVERAGED
* -----
* THIS DATA ITEM INDICATES THE NUMBER OF MONTHS OF PREVIOUS
* PRODUCTION THAT WERE AVERAGED TO OBTAIN THE ALLOWABLE FOR A
* FIELD.
*
* (NOTE:  THIS PROCESS IS NOT IN USE AT THE PRESENT TIME.)
*
* -----
* FL-GAS-FIELD-TEXT
* -----
* GAS FIELD TEXT IS FREE-FORM REMARKS MADE BY A PRORATION ANALYST
* CONCERNING A GAS FIELD.
*

```

* -----
* FL-GAS-OLD-ALLOCATION-CODE
* -----
* THIS DATA ITEM INDICATES THE ALLOCATION FORMULA FOR A PRORATED
* FIELD. SEE APPENDIX C FOR THE ACTUAL CODE.
*
* (NOTE: THIS CODE IS FOR ADP INTERNAL USE.)
*
* -----
* FL-GAS-CLASSIFICATION-PENDING-CODE
* -----
* THIS DATA ITEM INDICATES THE TYPE OF ALLOWABLE THAT WILL GO INTO
* EFFECT WHEN THE ALLOCATION FORMULA IS SUSPENDED.
*
* (NOTE: SEE GAS CLASSIFICATION CODE DEFINITION)
*
* -----
* FL-GAS-DOCKET-NUMBER
* -----
* THE GAS DOCKET NUMBER IS ASSIGNED BY THE RAILROAD COMMISSION,
* AND IDENTIFIES THE DOCKET THAT IS ASSOCIATED WITH THE FIELD
* RULES.
*

Field Gas Allocation Formula

```

*****
*
*           THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
*           FIELD GAS ALLOCATION FORMULA.
*
*
* SEGMENT NAME:  GASAFORM
*
*-----*
* VARIABLE           ]           TYPE           ]           SSA           *
* NAME               ]           ]           NAME           *
*-----*
*****

```

```

01 RAILROAD-COMMISSION-TAPE-REC.                                POS.
02 RRC-TAPE-RECORD-ID                                           PIC X(02) . 1
02 FL-GAS-ALLOCATION-FORMULA.
    05 FL-GAS-ALLOW-PERCENT-FACTR    PIC 9V99.           3
    05 FL-GAS-ALLOCATION-FCTR-CD      PIC 9(02) .         6
    03 FILLER                        PIC X(18) .           8
02 RRC-TAPE-FILLER                                           PIC X(0215) . 26

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```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 09 - GAS FIELD ALLOCATION FORMULA TAPE RECORD
*
* -----
* FL-GAS-ALLOW-PERCENT-FACTR
* -----
* THE ALLOCATION FORMULA REPRESENTS A METHOD OF ASSIGNING
* ALLOWABLES TO WELLS.  THE INTENT BEHIND ASSIGNING WELL ALLOW-
* ABLES IS TO PREVENT THE WASTE OF PETROLEUM RESOURCES AND TO
* PROTECT THE CORRELATIVE RIGHTS OF ALL OPERATORS IN THE FIELD
* (I.E., EACH OPERATOR IS ENTITLED TO A FAIR SHARE OF THE PETRO-
* LEUM).  A WELL ALLOWABLE DEFINES THE AMOUNT A WELL IS AUTHORIZED
* TO PRODUCE; IT IS GENERALLY ASSIGNED ON A MONTHLY BASIS.
*
* THERE ARE VARIOUS FACTORS (VARIABLES) USED IN THE ALLOCATION
* FORMULA TO DETERMINE THE ALLOWABLE FOR A WELL.  THE GAS
* ALLOWABLE PERCENT FACTOR IS THE WEIGHT (PERCENTAGE) GIVEN TO
* A FACTOR (VARIABLE) IN THE ALLOCATION FORMULA BASED ON THE
* VALUES LISTED UNDER THE GAS ALLOCATION FACTOR CODE.
*
* -----
* GAS-ALLOCATION-FCTR-CODE
* -----
* THE GAS ALLOCATION FACTOR CODE DESCRIBES THE FACTORS (VARIABLES)
* USED IN THE ALLOCATION FORMULA.  (NOTE:  IF MORE INFORMATION IS
* NEEDED CONCERNING ALLOCATION FACTORS, PLEASE CONTACT A PRORATION
* ANALYST IN THE OIL AND GAS DIVISION AT THE RRC.)
*
* 01 ==> % DELIVERABILITY
* 02 ==> ACRES
* 03 ==> PER WELL
* 04 ==> ACRES X BOTTOM HOLE PRESSURE
* 05 ==> ACRE FEET
* 06 ==> DELIVERABILITY
* 07 ==> BOTTOM HOLE PRESSURE
* 08 ==> G-1 POTENTIAL
* 09 ==> G-10 POTENTIAL
* 10 ==> ACRES X CALCULATED DEL.
* 11 ==> ACRES X ROCK PRESSURE
* 12 ==> ACRE FEET X BOTTOM HOLE PRESS
* 13 ==> 25% STATEWIDE
* 14 ==> 49B ASSOCIATED
* 15 ==> ACRES X DELIVERABILITY
* 16 ==> ONE WELL

```

Field Gas Remarks

* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S *
 * FIELD GAS REMARKS SEGMENT. *

* SEGMENT NAME: GASRMRKS 100 BYTES. *

VARIABLE NAME	TYPE	SSA NAME
FL-GAS-REMARK-KEY	KEY	GSREMKEY
FL-GAS-REMARK-NUMBER	SEARCH	GSRMKNO
FL-GAS-REMARK-LINE-NO	SEARCH	GSLINENO

*-- EXPAND REMARK KEY, REARRANGE LAYOUT KEN 10/30/2008 - *

01 RAILROAD-COMMISSION-TAPE-REC.			POS
02 RRC-TAPE-RECORD-ID	PIC X(02).		1
02 FL-GAS-REMARKS.			
03 FL-GAS-REMARK-KEY.			
05 FL-GAS-REMARK-NUMBER	PIC 9(03)	VALUE ZEROS.	3
05 FL-GAS-REMARK-LINE-NO	PIC 9(03)	VALUE ZEROS.	6
03 FL-GAS-REMARK-PRINT-FLAGS.			
05 FL-GAS-PRINT-ANNUAL-FLAG	PIC X(01).		9
88 FL-GAS-PRINT-ON-ANNUAL		VALUE 'Y'.	
88 FL-GAS-NO-PRINT-ON-ANNUAL		VALUE 'N'.	
05 FL-GAS-PRINT-LEDGER-FLAG	PIC X(01).		10
88 FL-GAS-PRINT-ON-LEDGER		VALUE 'Y'.	
88 FL-GAS-NO-PRINT-ON-LEDGER		VALUE 'N'.	
05 FL-GAS-PRINT-SCHEDULE-FLAG	PIC X(01).		11
88 FL-GAS-PRINT-ON-SCHEDULE		VALUE 'Y'.	
88 FL-GAS-NO-PRINT-ON-SCHEDULE		VALUE 'N'.	
05 FL-GAS-PRINT-ON-LINE-FLAG	PIC X(01).		12
88 FL-GAS-PRINT-ON-LINE		VALUE 'Y'.	
88 FL-GAS-NO-PRINT-ON-LINE		VALUE 'N'.	
05 FL-GAS-PRINT-ASHEET-FLAG	PIC X(01).		13
88 FL-GAS-PRINT-ON-ASHEET		VALUE 'Y'.	
88 FL-GAS-NO-PRINT-ON-ASHEET		VALUE 'N'.	
05 FL-GAS-REMARK-DATE-CCYY.			
10 FL-GAS-REMARK-DATE-CC	PIC 9(02)	VALUE ZEROS.	14
10 FL-GAS-REMARK-DATE-YY	PIC 9(02)	VALUE ZEROS.	16
05 FL-GAS-REMARK-DATE-MM	PIC 9(02)	VALUE ZEROS.	18
05 FL-GAS-REMARK-DATE-DD	PIC 9(02)	VALUE ZEROS.	20
03 FL-GAS-REMARK-TEXT	PIC X(66)	VALUE SPACES.	22
03 FILLER	PIC X(15)	VALUE SPACES.	88
02 RRC-TAPE-FILLER		PIC X(138).	103

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 10 - GAS FIELD REMARKS TAPE RECORD
*
* -----
* FL-GAS-PRINT-ANNUAL-FLAG
* -----
* REMARKS MADE BY A PRORATION ANALYST CONCERNING A GAS FIELD
* MAY BE PRINTED ON THE ANNUAL REPORT (A PRODUCTION REPORT
* SUMMARY OF A FIELD FOR THE YEAR).  IF THE VALUE IS "Y", THE
* REMARKS ARE PRINTED ON THE ANNUAL REPORT.  IF THE VALUE IS "N",
* REMARKS ARE NOT PRINTED.
*
* -----
* FL-GAS-PRINT-LEDGER-FLAG
* -----
* REMARKS MADE BY A PRORATION ANALYST CONCERNING A GAS FIELD
* MAY BE PRINTED ON THE LEDGER REPORT (A MONTHLY PRODUCTION
* SUMMARY FOR A FIELD CONSISTING OF PRODUCTION AND ALLOWABLES
* FOR SIX MONTHS).  IF THE VALUE IS "Y", THE REMARKS ARE PRINTED
* ON THE LEDGER REPORT.  IF THE VALUE IS AN "N", REMARKS
* ARE NOT PRINTED.
*
* NOTE: THIS DATA ITEM IS NOT CURRENTLY IN USE.
*
* -----
* FL-GAS-PRINT-SCHEDULE-FLAG
* -----
* REMARKS MADE BY A PRORATION ANALYST CONCERNING A GAS FIELD
* MAY BE PRINTED ON THE SCHEDULE REPORT (A MONTHLY PRORATION
* SCHEDULE FOR A FIELD).  IF THE VALUE IS "Y", THE REMARKS ARE
* PRINTED ON THE GAS SCHEDULE.  IF THE VALUE IS "N", REMARKS
* ARE NOT PRINTED.
*
* -----
* FL-GAS-PRINT-ON-LINE-FLAG
* -----
* REMARKS MADE BY A PRORATION ANALYST CONCERNING A GAS FIELD MAY
* BE PRINTED ONLINE (REMARKS SHOWN ON THE TERMINAL).  IF THE
* VALUE IS "Y", THE REMARKS ARE SHOWN ON THE TERMINAL SCREEN.
* IF THE VALUE IS "N", THE REMARKS ARE NOT SHOWN.
*
* -----
* FL-GAS-PRINT-ASHEET-FLAG
* -----
* REMARKS MADE BY A PRORATION ANALYST CONCERNING A GAS FIELD MAY
* BE PRINTED ON THE ALLOCATION SHEET (A MONTHLY WORKSHEET USED
* INTERNALLY BY THE COMMISSION TO DETERMINE GAS FIELD OR

```

* RESERVOIR TOTAL ALLOCATIONS). IF THE VALUE IS "Y", THE
* REMARKS ARE PRINTED ON THE ALLOCATION SHEET. IF THE VALUE
* IS "N", THE REMARKS ARE NOT PRINTED.

* -----
* FL-GAS-REMARK-KEY
* -----

* THE GAS REMARK KEY IS USED TO ACCESS GAS REMARKS. THE KEY
* IS COMPRISED OF UNIQUE NUMBERS ASSIGNED TO THE REMARK FOR
* IDENTIFICATION.

* -----
* FL-GAS-REMARK-DATE
* -----

* THE DATE THAT GAS REMARKS WERE UPDATED. IT IS FORMATTED IN THE
* CENTURY, YEAR, MONTH, DAY SEQUENCE.

* -----
* FL-GAS-REMARK-TEXT
* -----

* GAS REMARK TEXT IS FREE-FORM REMARKS MADE BY A PRORATION
* ANALYST CONCERNING A GAS FIELD.

Gas County

```
*****
*
*          THIS COPY IS USED FOR THE GAS COUNTY SEGMENT          *
*
*-----*
*
* SEGMENT NAME:  GSCOUNTY                                         *
*
*-----*
* VARIABLE                ]          TYPE                ]      SSA      *
* NAME                    ]                              ]      NAME      *
*-----*
* FL-GAS-COUNTY-CODE      ]      KEY                    ]  GSCOUNTY    *
*****
```

```
01  RAILROAD-COMMISSION-TAPE-REC.                                POS.
02  RRC-TAPE-RECORD-ID                                          PIC X(02) . 1
02  FL-GAS-COUNTY.
    03  FL-GAS-COUNTY-CODE          PIC 9(03) .                3
    03  FILLER                      PIC X(07) .                6
02  RRC-TAPE-FILLER                                          PIC X(0228) . 13
```



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* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    11  -   GAS FIELD COUNTY NUMBER TAPE RECORD
*
* -----
* FL-GAS-COUNTY-CODE
* -----
* FL-GAS-COUNTY-CODE IDENTIFIES THE COUNTY OR COUNTIES IN WHICH A
* GAS FIELD IS LOCATED.  BECAUSE A GAS FIELD MAY SPAN COUNTIES, THERE
* MAY BE MORE THAN ONE OCCURRENCE OF THIS DATA ITEM; ONE OCCURRENCE
* EXISTS FOR EACH COUNTY IN WHICH THE GAS FIELD RESIDES.
*
* THE COUNTY CODE IS BASED ON THREE-DIGIT NUMBERS:  THE RAILROAD
* COMMISSION ASSIGNS A NUMBER TO EACH ONSHORE COUNTY;  THE AMERICAN
* PETROLEUM INSTITUTE (API) ASSIGNS A NUMBER TO EACH OFFSHORE
* COUNTY.  THE ACTUAL COUNTY CODES ARE LISTED IN APPENDIX B.  THE
* FIRST 254 NUMBERS OF THE CODE ARE ODD, AND INDICATE ONSHORE
* COUNTIES ONLY.  THE REMAINING 23 NUMBERS ARE BOTH ODD AND EVEN, AND
* INDICATE OFFSHORE COUNTIES.

```

Field Gas Allocation Factors

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*****
* FLW700H1
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* FIELD GAS ALLOCATION FACTORS.
*
* SEGMENT NAME: GASAFAC
*-----*
* VARIABLE ] TYPE ] SSA *
* NAME ] NAME *
*-----*
* FL-GAS-FACTOR-CYCLE-KEY SEQUENCE FACTDATE *
*-----*
*****
01 RAILROAD-COMMISSION-TAPE-REC. POS.
02 RRC-TAPE-RECORD-ID PIC X(02) . 1
02 FL-GAS-ALLOCATION-FACTOR.
03 FL-GAS-FACTOR-CYCLE-KEY PIC 9(04) . 3
03 FL-CODES-AND-FACTORS.
05 FL-FACTOR-CODE-1 PIC 9(2) . 7
05 FL-GAS-ALLOCATION-FACTOR-1 PIC S9(8)V9(7) COMP-3. 9
05 FL-FACTOR-CODE-2 PIC 9(2) . 17
05 FL-GAS-ALLOCATION-FACTOR-2 PIC S9(8)V9(7) COMP-3. 19
05 FL-FACTOR-CODE-3 PIC 9(2) . 27
05 FL-GAS-ALLOCATION-FACTOR-3 PIC S9(8)V9(7) COMP-3. 29
05 FL-FACTOR-CODE-4 PIC 9(2) . 37
05 FL-GAS-ALLOCATION-FACTOR-4 PIC S9(8)V9(7) COMP-3. 39
05 FL-FACTOR-CODE-5 PIC 9(2) . 47
05 FL-GAS-ALLOCATION-FACTOR-5 PIC S9(8)V9(7) COMP-3. 49
03 FILLER REDEFINES FL-CODES-AND-FACTORS OCCURS 5 TIMES.
05 FL-FACTOR-CODE PIC 9(2) .
05 FL-ALLOCATION-FACTOR PIC S9(8)V9(7) COMP-3.
03 FL-ZERO-STAR-CODE PIC X(1) . 57
88 FL-ZERO-STAR-ALLOWABLE VALUE 'Y' .
03 FILLER PIC X(10) . 58
02 RRC-TAPE-FILLER PIC X(0173) . 68

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```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 12 - FIELD GAS ALLOCATION FACTORS TAPE RECORD
*
* -----
* FL-GAS-FACTOR-CYCLE-KEY
* -----
* THIS NUMERIC VALUE REPRESENTS THE PERIOD OF TIME FOR WHICH
* THE FOLLWOING INFORMATION APPLIES.
*
* -----
* FL-FACTOR-CODE
* -----
* AN ALLOCATION FORMULA MAY BE COMPRISED OF UP TO THREE OF THESE
* FACTORS.  (NOTE: SPACE HAS BEEN ALLOWED FOR FIVE FACTORS
* FOR FUTURE EXPANSION.)  THE FOLLOWING ARE FACTORS WHICH
* MAY BE USED IN THE ALLOCATION FORMULA.
*
* 01 ==> % DELIVERABILITY
* 02 ==> ACRES
* 03 ==> PER WELL
* 04 ==> ACRES X BOTTOM HOLE PRESSURE
* 05 ==> ACRE FEET
* 06 ==> DELIVERABILITY
* 07 ==> BOTTOM HOLE PRESSURE
* 08 ==> G-1 POTENTIAL
* 09 ==> G-10 POTENTIAL
* 10 ==> ACRES X CALCULATED DEL.
* 11 ==> ACRES X ROCK PRESSURE
* 12 ==> ACRE FEET X BOTTOM HOLE PRESS
* 13 ==> 25% STATEWIDE
* 14 ==> 49B ASSOCIATED
* 15 ==> ACRES X DELIVERABILITY
* 16 ==> ONE WELL
* 17 ==> ACRES X SHUT-IN WELL PRESSURE
* 18 ==> LEASE PERCENT RESERVES
* 19 ==> TWELVE MONTH PEAK
*
* -----
* FL-ALLOCATION-FACTOR
* -----
* NUMERICAL FACTOR USED IN CALCULATING FIELD ALLOWABLE FOR WELLS.
* -----
* FL-ZERO-STAR-CODE
* -----
*
* IF THIS DATA ITEM CONTAINS A "Y", A FIELD HAS BEEN ASSIGNED A
* ZERO STAR (0*) ALLOWABLE, AND THE ALLOWABLE WAS NOT COMPUTED

```

* USING THE FL-FACTOR-CODE DATA ITEM. A ZERO STAR ALLOWABLE IS
* ASSIGNED TO ALL WELLS IN A GIVEN PRORATED FIELD TO BRING THE
* FIELD INTO BALANCE THROUGH THE REDUCTION OF FIELD UNDERPRODUCT-
* ION. THE WELLS IN THE FIELD ARE ASSIGNED A "0" (ZERO) ALLOWABLE.
* THEREFORE, ALL PRODUCTION IS OVERPRODUCTION (WHICH SHOULD HELP
* TO BRING THE FIELD BACK INTO BALANCE WITH ITS PRORATION
* SCHEDULE) .

A-Sheet Balancing Period

```
*****
* FLW701A1
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* A-SHEET BALANCING PERIOD SEGMENT
*
* SEGMENT NAME: ASHEET
*-----*
* VARIABLE ] TYPE ] SSA *
* NAME ] NAME *
*-----*
* FL-AS-BALANCING-PERIOD-DATE ] KEY ] BALDATE *
```

01	RAILROAD-COMMISSION-TAPE-REC.			POS.
02	RRC-TAPE-RECORD-ID	PIC X(02).		1
02	FL-ASHEET-BAL-PERIOD-INFO.			
03	FL-AS-BALANCING-PERIOD-DATE.			
	05 FL-AS-BALANCING-PERIOD-CENT	PIC 9(2).		3
	05 FL-AS-BALANCING-PERIOD-YEAR	PIC 9(2).		5
	05 FL-AS-BALANCING-PERIOD-MONTH	PIC 9(2).		7
03	FL-AS-USER-UPDT-CUR-6MO-FLAG	PIC X(1).		9
03	FL-AS-USER-UPDT-PRIOR-6MO-FLAG	PIC X(1).		10
03	FL-AS-CURRENT-6MO-STATUS	PIC S9(9)	COMP-3.	11
03	FL-AS-PRIOR-6MO-STATUS	PIC S9(9)	COMP-3.	16
03	FL-AS-TOT-PRIOR-XTRA-ADJ-AMT	PIC S9(9)	COMP-3.	21
03	FL-AS-WORKING-PRIOR-AMOUNT	PIC S9(9)	COMP-3.	26
03	FL-AS-ACTIVE-INACTIVE-FLAG	PIC X(1).		31
	88 FL-ASHEET-ACTIVE		VALUE 'A'.	
	88 FL-ASHEET-ACTIVE-BUT-NO-CALC		VALUE 'N'.	
	88 FL-ASHEET-INACTIVE		VALUE 'I'.	
03	FL-AS-ASHEET-CALC-IN-EFF.			
	05 FL-AS-CALC-IN-EFF-CENT-YEAR.			
	10 FL-AS-CALC-IN-EFF-CENTURY	PIC 9(2).		32
	10 FL-AS-CALC-IN-EFF-YEAR	PIC 9(2).		34
	05 FL-AS-CALC-IN-EFF-MON	PIC 9(2).		36
03	FL-AS-PRIOR-REINSTATED	PIC S9(9)	COMP-3.	38
03	FL-AS-CURRENT-REINSTATED	PIC S9(9)	COMP-3.	43
03	FL-AS-PAGE-NUMBER	PIC 9(4).		48
03	FL-AS-UPDATE-FLAG	PIC X(1).		52
03	FL-AS-EXTRACT-DATE.			
	05 FL-AS-EXTRACT-CENTURY	PIC 9(2).		53
	05 FL-AS-EXTRACT-YEAR	PIC 9(2).		55
	05 FL-AS-EXTRACT-MONTH	PIC 9(2).		57
03	FILLER	PIC X(4).		59
02	RRC-TAPE-FILLER	PIC X(0178).		63

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* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 13 - A-SHEET BALANCING PERIOD TAPE RECORD
*
* -----
* FL-AS-BALANCING-PERIOD-DATE
* -----
* THIS DATA ITEM WILL CONTAIN THE DATE OF THE BEGINNING OF THE
* BALANCING PERIOD IN WHICH THE GAS FIELD BECAME PRORATED.  THE
* ALLOCATION SHEETS ARE DIVIDED INTO TWO BALANCING PERIODS.  ONE
* BALANCING PERIOD BEGINS ON MARCH 1ST AND LASTS FOR SIX MONTHS.
* THE OTHER BEGINS ON SEPTEMBER 1ST AND LASTS FOR SIX MONTHS.  FOR
* EXAMPLE, IF A FIELD BECAME PRORATED ON JUNE 1ST OF 1986, IT WILL
* BE UNDER THE MARCH BALANCING PERIOD AND THIS DATA ITEM WILL
* CONTAIN 8603.  THE DATE IS IN CCYYMM FORMAT WHERE CC = CENTURY,
* YY = YEAR AND MM = MONTH.
*
* THE ALLOCATION SHEETS (A-SHEETS) ARE WORK SHEETS USED INTERNALLY
* AT THE RRC TO DETERMINE THE MONTHLY RESERVOIR ALLOWABLES OF
* PRORATED GAS FIELDS.  THE RESERVOIR ALLOWABLE FOR THE FIELD IS
* THEN PRORATED AMONG THE WELLS IN THE FIELD ACCORDING TO THE
* ALLOCATION FORMULA FOR THE FIELD.
*
* BALANCING PERIODS ARE NECESSARY BECAUSE GAS, UNLIKE OIL, MAY NOT
* BE STORED.  CONSEQUENTLY, GAS WELLS ARE ALLOWED TO PRODUCE MORE
* THAN THEIR ASSIGNED ALLOWABLES DURING PEAK PERIODS AND MAKE UP
* THE OVERPRODUCTION BY UNDERPRODUCING AT A LATER TIME.  THIS IS
* BALANCING.  REGULAR BALANCING IS THE STANDARD METHOD.  A WELL'S
* OVERPRODUCTION AT THE END OF ONE BALANCING PERIOD MUST BE MADE
* UP BY THE END OF THE SECOND.  SIMILARLY, A WELL'S UNDERPRODUCTION
* AT THE END OF ONE BALANCING PERIOD CAN BE USED ONLY DURING THE
* NEXT BALANCING PERIOD.  HOWEVER, AN OPERATOR MAY VOLUNTARILY
* CANCEL A WELL'S UNDERAGE.  WHEN AN OPERATOR VOLUNTARILY CANCELS
* A WELL'S UNDERAGE, THE AMOUNT OF CANCELLED UNDERAGE WILL BE
* ADDED TO THE TOTAL OF CANCELLED UNDERAGE FOR THE FIELD; IF THE
* PRORATION ANALYST DECIDES IT IS APPROPRIATE AND NECESSARY, THE
* UNDERAGE WILL BE USED TO INCREASE THE RESERVOIR ALLOWABLE OF THE
* FIELD.  THE ANALYST ALSO TRACKS THE FIELD'S BALANCE AS A WHOLE.

```

```

* -----
* FL-AS-USER-UPDT-CUR-6MO-FLAG
* -----
* THIS DATA ITEM INDICATES WHETHER THE CURRENT SIX-MONTH STATUS
* (FL-AS-CURRENT-6MO-STATUS) HAS BEEN UPDATED.
*
*     N = AUTOMATIC CALCULATION OF VALUE
*     Y = PRORATION ANALYST OVERRIDES CALCULATED VALUE
*
* NOTE:  THIS DATA ITEM IS NOT USED CURRENTLY.
*
* -----
* FL-AS-USER-UPDT-PRIOR-6MO-FLAG
* -----
* THIS DATA ITEM INDICATES WHETHER THE PRIOR SIX-MONTH STATUS
* (FL-AS-PRIOR-6MO-STATUS) HAS BEEN UPDATED.
*
*     N = AUTOMATIC CALCULATION OF VALUE
*     Y = PRORATION ANALYST OVERRIDES CALCULATED VALUE
*
* NOTE:  THIS DATA ITEM IS NOT USED CURRENTLY.
*
* -----
* FL-AS-CURRENT-6MO-STATUS
* -----
* THIS DATA ITEM REPRESENTS THE AMOUNT THE FIELD HAS OVER- OR
* UNDERPRODUCED THE FIELD'S TOTAL RESERVOIR ALLOWABLE COMING
* INTO THE CURRENT BALANCING PERIOD.  A POSITIVE NUMBER
* SIGNIFIES OVERPRODUCTION.  A NEGATIVE NUMBER SIGNIFIES
* UNDERPRODUCTION.
*
* -----
* FL-AS-PRIOR-6MO-STATUS
* -----
* THIS DATA ITEM REPRESENTS THE AMOUNT THE FIELD HAS OVER- OR
* UNDERPRODUCED THE FIELD'S TOTAL RESERVOIR ALLOWABLE COMING
* INTO THE PRIOR BALANCING PERIOD.  A POSITIVE NUMBER SIGNIFIES
* OVERPRODUCTION.  A NEGATIVE NUMBER SIGNIFIES UNDERPRODUCTION.
*
* -----
* FL-AS-TOT-PRIOR-XTRA-ADJ-AMT
* -----
* THIS DATA ITEM REPRESENTS THE CALCULATED EXTRA ADJUSTMENT FOR
* THE PRIOR BALANCING PERIOD.  THE NORMAL ADJUSTMENT IN COLUMN 9
* ON THE A-SHEET IS TOTALED FOR THE FIRST 3 MONTHS OF THE PRIOR
* BALANCING PERIOD.  THE EXTRA ADJUSTMENT IN COLUMN 10 ON THE
* A-SHEET IS TOTALED FOR THE FIRST 2 MONTHS OF THE PRIOR BALANCING
* PERIOD.  THESE TWO TOTALS ARE ADDED TOGETHER AND SUBTRACTED FROM
* THE PRIOR SIX-MONTH STATUS.  IF THE CALCULATED EXTRA ADJUSTMENT
* IS POSITIVE, THE WORD "ADD" WILL APPEAR TO THE SIDE OF THE
* AMOUNT.  IF IT IS NEGATIVE, THE WORD "REMOVE" WILL APPEAR TO THE
* SIDE OF THE AMOUNT.
*
* -----
* FL-AS-WORKING-PRIOR-AMOUNT
* -----
* THIS DATA ITEM REPRESENTS THE WORKING EXTRA ADJUSTMENT FOR THE

```

* PRIOR BALANCING PERIOD. THE NORMAL ADJUSTMENT IN COLUMN 9 ON
* THE A-SHEET IS TOTALED FOR THE FIRST THREE MONTHS OF THE PRIOR
* BALANCING PERIOD. THE EXTRA ADJUSTMENT IN COLUMN 10 ON THE
* A-SHEET IS TOTALED FOR ALL THE MONTHS IN THE PRIOR BALANCING
* PERIOD. THESE TWO TOTALS ARE THEN ADDED TOGETHER AND SUBTRACTED
* FROM THE PRIOR SIX-MONTH STATUS. IF THE WORKING EXTRA ADJUSTMENT
* IS POSITIVE, THE WORD "ADD" WILL APPEAR TO THE SIDE OF THE
* AMOUNT. IF IT IS NEGATIVE, THE WORD "REMOVE" WILL APPEAR TO THE
* SIDE OF THE AMOUNT.

* -----
* FL-AS-ACTIVE-INACTIVE-FLAG
* -----

* THIS FLAG INDICATES WHETHER THE PRORATED FIELD HAS AN ACTIVE,
* ACTIVE BUT DON'T CALCULATE, OR INACTIVE A-SHEET. A PRORATED
* FIELD WITH AN ACTIVE A-SHEET IS A FIELD WHOSE ALLOWABLE IS BEING
* FIGURED ACCORDING TO COLUMN 11 -- A FIELD THAT IS BEING PRORATED
* AND IS BEING PRODUCED UNDER THE BALANCING RULE. A FIELD WITH AN
* INACTIVE A-SHEET IS A PRORATED FIELD THAT HAS NO WELLS, OR WHOSE
* WELLS ARE ALL SHUT-IN, OR WHOSE WELLS ARE ALL ASSIGNED A SPECIAL
* ALLOWABLE -- A FIELD THAT IS NOT BEING PRODUCED OR ELSE IS NOT
* BEING PRODUCED (FOR SOME REASON) UNDER THE ALLOCATION FORMULA
* AND UNDER THE BALANCING RULE.

* A = ACTIVE
* N = ACTIVE BUT NO CALCULATION OF COLUMN 11 ON THE A-SHEET
* I = INACTIVE

* -----
* FL-AS-ASHEET-CALC-IN-EFF
* -----

* THIS DATA ITEM IS THE DATE THE FIELD BECAME PRORATED. ALL
* FIELDS WHICH WERE PRORATED AS OF MARCH 1, 1986 OR BEFORE WILL
* HAVE 03/86 AS THEIR EFFECTIVE DATE. ALL FIELDS THAT BECAME
* PRORATED APRIL 1, 1986 AND AFTER WILL HAVE THE ACTUAL MONTH
* AND YEAR THEY BECAME PRORATED. IT IS IN CCYYMM FORMAT WHERE
* CC = CENTURY, YY = YEAR AND MM = MONTH.

* -----
* FL-AS-PRIOR-REINSTATED
* -----

* THIS DATA ITEM INDICATES THE TOTAL AMOUNT OF UNDERAGE IN A FIELD
* THAT HAD BEEN CANCELLED AND WAS REINSTATED FOR THE PRIOR
* BALANCING PERIOD. REINSTATED UNDERAGE IS THE AMOUNT OF
* UNDERPRODUCTION THAT HAD BEEN CANCELLED AND WAS REINSTATED,
* USUALLY AS A RESULT OF AN ADMINISTRATIVE HEARING.

* -----
* FL-AS-CURRENT-REINSTATED
* -----

* THIS DATA ITEM INDICATES THE TOTAL AMOUNT OF UNDERAGE IN A FIELD
* THAT HAD BEEN CANCELLED AND WAS REINSTATED FOR THE CURRENT
* BALANCING PERIOD. REINSTATED UNDERAGE IS THE AMOUNT OF
* UNDERPRODUCTION THAT HAD BEEN CANCELLED AND WAS REINSTATED,
* USUALLY AS A RESULT OF AN ADMINISTRATIVE HEARING.


```

* -----
* FL-AS-PAGE-NUMBER
* -----
* THIS DATA ITEM INDICATES THE PAGE NUMBER OF EACH A-SHEET PRINTED
* FOR A MONTH.
*
* -----
* FL-AS-UPDATE-FLAG
* -----
* THIS FLAG INDICATES WHETHER AN A-SHEET HAS BEEN UPDATED AFTER
* ITS INITIAL CALCULATION AT THE BEGINNING OF THE CURRENT SCHEDULE
* MONTH.  IF THIS DATA ITEM IS SET TO "Y", THEN THE A-SHEET WILL
* BE PRINTED AND SENT TO THE GAS PRORATION ANALYST.
*
*         N = NO UPDATE
*         Y = UPDATE
*
* -----
* FL-AS-EXTRACT-DATE
* -----
* THIS DATE INDICATES WHETHER A PRORATED FIELD HAS HAD AN A-SHEET
* PRODUCED FOR THE CURRENT SCHEDULE MONTH.  IT IS IN CCYMM FORMAT
* WHERE CC = CENTURY YY = YEAR AND MM = MONTH.
* IT IS USED INTERNALLY BY ADP.
*
*         NOTE:  THIS SEGMENT WAS DISCONTINUED JULY 1, 1992 AND
*                WILL BE REMOVED FROM THE DATABASE AFTER
*                JUNE 20, 1994.
*

```

A-Sheet Monthly Information

```
*****
* FLW701B1
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* A-SHEET MONTHLY INFORMATION SEGMENT
*
* SEGMENT NAME: ASHEETMO
*-----*
* VARIABLE ] TYPE ] SSA
* NAME ] NAME
*-----*
* FL-AS-SCHED-DATE ] KEY ] SCHEDULE
*****
```

01	RAILROAD-COMMISSION-TAPE-REC.			POS.
02	RRC-TAPE-RECORD-ID		PIC X(02).	1
02	FL-ASHEET-MONTHLY-INFO.			
03	FL-AS-SCHED-DATE.			
05	FL-AS-SCHED-CENT-YEAR.			
10	FL-AS-SCHED-CENTURY	PIC 9(2).		3
10	FL-AS-SCHED-YEAR	PIC 9(2).		5
05	FL-AS-SCHED-MONTH	PIC 9(2).		7
03	FL-AS-RECAL-ALLOC-FCT-CNT	PIC 9(1).		9
03	FL-AS-NUMBER-OF-ASHEETS	PIC 9(1).		10
03	FL-AS-CURRENT-FORECAST	PIC S9(9)	COMP-3.	11
03	FL-AS-3RD-MO-PRIOR-FORECAST	PIC S9(9)	COMP-3.	16
03	FL-AS-3RD-MO-PRIOR-SUP-CHNG	PIC S9(9)	COMP-3.	21
03	FL-AS-NON-LIMITED-PROD	PIC S9(9)	COMP-3.	26
03	FL-AS-GROSS-ADJUSTMENT-AMT	PIC S9(9)	COMP-3.	31
03	FL-AS-LIMITED-ALLOWABLE	PIC S9(9)	COMP-3.	36
03	FL-AS-LIMITED-PRODUCTION	PIC S9(9)	COMP-3.	41
03	FL-AS-LIMITED-ADJUSTMENT	PIC S9(8)	COMP-3.	46
03	FL-AS-NORMAL-ADJUSTMENT	PIC S9(8)	COMP-3.	51
03	FL-AS-EXTRA-ADJUSTMENT	PIC S9(7)	COMP-3.	56
03	FL-AS-TOTAL-ASSIGNED-RES-AMT	PIC S9(9)	COMP-3.	60
03	FL-AS-CANCEL-UNDERAGE-AMT	PIC S9(7)	COMP-3.	65
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03	FL-AS-COL-1-REVISED-CODE	PIC X(1).		70
03	FL-AS-3RD-MO-PRIOR-FRCST-CODE	PIC X(1).		71
03	FL-AS-COL-2-REVISED-CODE	PIC X(1).		72
03	FL-AS-COL-3-REVISED-CODE	PIC X(1).		73
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03	FL-AS-COL-5-REVISED-CODE	PIC X(1).		75
03	FL-AS-COL-6-REVISED-CODE	PIC X(1).		76
03	FL-AS-COL-7-REVISED-CODE	PIC X(1).		77
03	FL-AS-COL-8-REVISED-CODE	PIC X(1).		78
03	FL-AS-COL-10-REVISED-CODE	PIC X(1).		79
03	FL-AS-TOT-ASSIGN-RES-AMT-CD	PIC X(1).		80
03	FL-AS-NUM-OF-MONS-AVGD	PIC 9(2).		81
03	FL-AS-COL-11-REVISED-CODE	PIC X(1).		83
03	FL-AS-USER-UPD-CALC-EFF-FLAG	PIC X(1).		84
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03	FL-AS-REDUCED-RATE-FLAG	PIC X(1).		88

03	FL-AS-FIELD-BALANCED-FLAG	PIC X(1).	89
03	FL-AS-TOT-CALC-RES-AMOUNT	PIC S9(9) COMP-3.	90
03	FL-AS-INTEND-TO-RECALC-FLAG	PIC X(1).	95
03	FL-AS-GROSS-T3-TOTAL	PIC S9(9) COMP-3.	96
03	FL-AS-ADJUSTED-T3-TOTAL	PIC S9(9) COMP-3.	101
03	FL-AS-GROSS-DELIV	PIC S9(9) COMP-3.	106
03	FL-AS-ADJUSTED-DELIV	PIC S9(9) COMP-3.	111
03	FL-AS-COR-3RD-MO-PRI-SUP-CHG	PIC S9(9) COMP-3.	116
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03	FL-AS-WORKING-CUR-XTRA-ADJ-AMT	PIC S9(9) COMP-3.	126
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03	FL-AS-PROJECTED-STATUS	PIC S9(9) COMP-3.	136
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03	FILLER	PIC X(09).	164
02	RRC-TAPE-FILLER	PIC X(0068).	173

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 14 - A-SHEET MONTHLY INFORMATION TAPE RECORD
*
* -----
* FL-AS-SCHED-DATE
* -----
* THIS DATA ITEM IS THE DATE OF THE CURRENT GAS PRORATION SCHEDULE
* FOR WHICH THE A-SHEET IS CALCULATED.  IT IS IN CCYYMM FORMAT
* WHERE CC = CENTURY YY = YEAR AND MM = MONTH.  THE GAS PRORATION
* SCHEDULE IS COMPUTER-GENERATED MONTHLY.  IT IS THE MASTER RECORD
* OF ALL GAS FIELDS AND WELLS AND THEIR ALLOWABLES FOR THE MONTH,
* PRINTED BY DISTRICT, IN ALPHABETICAL ORDER WITHOUT REGARD TO
* CLASSIFICATION.  GENERALLY, THE NEXT MONTH'S SCHEDULE IS PRINTED
* FOUR OR FIVE WORK DAYS BEFORE THE END OF THE CURRENT MONTH.
* EACH OPERATOR AND GATHERER IS SENT THE PORTION OF THE SCHEDULE
* THAT DEALS WITH THE WELLS THAT THEY OPERATE OR GATHER FROM.
* OPERATOR AND GATHERER STRIPOUT WILL USUALLY REACH THE OPERATOR
* AND GATHERER BY THE FIRST OF THE MONTH.
*
* -----
* FL-AS-RECAL-ALLOC-FCT-CNT
* -----
* THIS DATA ITEM IS NOT USED CURRENTLY.
*
* -----
* FL-AS-NUMBER-OF-ASHEETS
* -----
* THIS FIGURE INDICATES THE NUMBER OF TIMES THE A-SHEET FOR A
* GIVEN MONTH IN A FIELD HAS BEEN UPDATED.  THIS NUMBER INCLUDES
* THE ORIGINAL A-SHEET.
*
* -----
* FL-AS-CURRENT-FORECAST
* -----
* THE TOTAL ADJUSTED T-3 AMOUNT FOR THE FIELD IS THE CURRENT
* FORECAST.  THE CURRENT FORECAST IS THE COLUMN 1 FIGURE ON THE
* A-SHEET.  NOMINATORS FILE T-3'S, NOMINATIONS FOR THE PURCHASE
* AND USE OF GAS, ON A MONTHLY BASIS TO INDICATE HOW MUCH GAS THEY
* CAN PURCHASE FROM A GIVEN FIELD.  IF THE AMOUNT OF GAS FILED ON
* THE T-3 IS GREATER THAN THE AMOUNT OF GAS THE NOMINATOR IS
* ENTITLED TO TAKE FROM THE FIELD OR GREATER THAN THE
* DELIVERABILITY OF THE WELLS FOR WHICH THE NOMINATOR IS
* NOMINATING FOR, THEN THE T-3 AMOUNT IS ADJUSTED DOWN TO THE
* DELIVERABILITY.  IF THE T-3 FOR A GIVEN NOMINATOR IS DELINQUENT,
* THE DELIVERABILITY OF THE NOMINATOR'S WELLS WILL BE THE ADJUSTED
* T-3 AMOUNT.
*

```

* -----
* FL-AS-3RD-MO-PRIOR-FORECAST
* -----
* THIS IS COLUMN 2 ON THE A-SHEET. THE THIRD MONTH PRIOR FORECAST
* IS THE FIGURE WHICH APPEARED IN COLUMN 1 ON THE A-SHEET THREE
* MONTHS PRIOR TO THE CURRENT SCHEDULE MONTH, E.G., THE THIRD
* MONTH PRIOR FORECAST ON THE AUGUST A-SHEET WOULD HAVE BEEN THE
* CURRENT FORECAST ON THE MAY A-SHEET.
*

* -----
* FL-AS-3RD-MO-PRIOR-SUP-CHNG
* -----
* THIS IS COLUMN 3 ON THE A-SHEET. THIS DATA ITEM REPRESENTS
* THE TOTAL ADJUSTMENTS TO ALLOWABLES FROM 3 MONTHS PREVIOUS AS
* DETERMINED BY THE GAS WELL SUPPLEMENT FORM. A DECREASE IN WELL
* ALLOWABLES BY SUPPLEMENT RESULTS IN A POSITIVE ADJUSTMENT TO THE
* FIELD BECAUSE IT REDUCES THE THIRD MONTH PREVIOUS FORECAST.
*

* -----
* FL-AS-NON-LIMITED-PROD
* -----
* THIS IS COLUMN 4 ON THE A-SHEET. THIS DATA ITEM IS THE TOTAL
* AMOUNT OF GAS PRODUCED FROM NON-LIMITED WELLS IN A GIVEN FIELD
* THREE MONTHS PRIOR TO THE CURRENT SCHEDULE MONTH, E.G., IF THE
* CURRENT SCHEDULE MONTH IS AUGUST, COLUMN 4 WOULD BE THE TOTAL
* AMOUNT OF GAS THAT NON-LIMITED WELLS IN THE FIELD PRODUCED IN
* MAY. THIS IS THE EARLIEST MONTH OF COMPLETE PRODUCTION
* AVAILABLE BECAUSE PRODUCTION REPORTING LAGS TWO MONTHS BEHIND
* ALLOWABLE ASSIGNMENT. THIS DATA ITEM CONTAINS PRODUCTION
* FIGURES FOR WELLS THAT ARE ASSIGNED THEIR ALLOWABLES UNDER THE
* ALLOCATION FORMULA FOR THE FIELD, I.E., TOP ALLOWABLE WELLS.
*

* -----
* FL-AS-GROSS-ADJUSTMENT-AMT
* -----
* THIS IS COLUMN 5 ON THE A-SHEET. THIS DATA ITEM REPRESENTS THE
* AMOUNT UNDER- OR OVERNOMINATED FOR THE THIRD MONTH PREVIOUS.
* THIS AMOUNT IS CALCULATED BY ADDING THE THIRD MONTH PREVIOUS
* FORECAST FOUND IN COLUMN 2 ON THE A-SHEET TO THE THIRD MONTH
* PREVIOUS SUPPLEMENT CHANGE FOUND IN COLUMN 3 ON THE A-SHEET.
* THE THIRD MONTH PREVIOUS PRODUCTION FOR NON-LIMITED WELLS IN THE
* FIELD FOUND IN COLUMN 4 ON THE A-SHEET IS THEN SUBTRACTED FROM
* THIS TOTAL TO GET THE FL-AS-GROSS-ADJUSTMENT-AMT.
*

* COLUMN 5 = COLUMN 2 + COLUMN 3 - COLUMN 4
*

* -----
* FL-AS-LIMITED-ALLOWABLE
* -----
* THIS IS COLUMN 6 ON THE A-SHEET. THIS DATA ITEM REPRESENTS THE
* TOTAL ALLOWABLE OF ALL NON-TOP ALLOWABLE WELLS IN THE FIELD FOR
* THE THIRD MONTH PREVIOUS. A LIMITED WELL (SPECIFICALLY ONE
* INCAPABLE OF PRODUCING MORE THAN 200 MCF/D) HAS AN INITIAL
* MONTHLY ALLOWABLE BASED ON THE DAILY PRODUCING RATE (OR
* DELIVERABILITY) TIMES CALENDAR DAYS. IN GENERAL TERMS, A
* LIMITED WELL IS A WELL THAT IS NOT CAPABLE OF PRODUCING THE

* AMOUNT THAT WOULD BE ALLOCATED TO IT UNDER THE ALLOCATION
* FORMULA FOR THE FIELD, AND THUS IS ALLOWED TO PRODUCE AS MUCH AS
* IT CAN, WITH OVERAGE BEING SUPPLEMENTED UP TO THE AMOUNT THAT
* WOULD BE ALLOCATED TO IT UNDER THE ALLOCATION FORMULA. IN OTHER
* WORDS, THIS TYPE OF WELL WILL BE SUPPLEMENTED ALL THE WAY UP TO
* A TOP ALLOWABLE IF IT SHOWS IT HAS THE ABILITY TO PRODUCE THAT
* ALLOWABLE. THIS DATA ITEM CONTAINS ALLOWABLE INFORMATION
* FOR WELLS THAT ARE NOT TOP ALLOWABLE WELLS, BUT ARE LIMITED
* WELLS. LIMITED WELLS ARE NON-PRORATED WELLS, ARE NOT SUBJECT TO
* THE BALANCING RULE AND ARE NOT PERMITTED TO CARRY UNDERAGE
* FORWARD.

*
* -----
* FL-AS-LIMITED-PRODUCTION
* -----

* THIS IS COLUMN 7 OF THE A-SHEET. THIS DATA ITEM REPRESENTS THE
* TOTAL PRODUCTION OF ALL NON-TOP ALLOWABLE WELLS IN THE FIELD FOR
* THE THIRD MONTH PREVIOUS. THESE PRODUCTION FIGURES ARE THE MOST
* CURRENT AVAILABLE BECAUSE PRODUCTION REPORTING LAGS TWO MONTHS
* BEHIND ALLOWABLE ASSIGNMENT.

*
* -----
* FL-AS-LIMITED-ADJUSTMENT
* -----

* THIS IS COLUMN 8 OF THE A-SHEET. THIS DATA ITEM REPRESENTS THE
* TOTAL AMOUNT OF UNDERAGE OF THE NON-TOP ALLOWABLE WELLS FOR THE
* THIRD MONTH PREVIOUS WHICH WILL BE ADDED BACK INTO THE FIELD.
* THIS AMOUNT IS DERIVED BY SUBTRACTING THE THIRD MONTH PREVIOUS
* PRODUCTION OF LIMITED WELLS FOUND IN COLUMN 7 ON THE A-SHEET
* FROM THE THIRD MONTH PREVIOUS ALLOWABLE OF LIMITED WELLS FOUND
* IN COLUMN 6 ON THE A-SHEET. NON-PRORATED WELLS (WELLS NOT
* UNDER THE ALLOCATION FORMULA FOR THE FIELD) CANNOT ACCUMULATE
* UNDERAGE EXCEPT TO BALANCE PRIOR OVERAGE; THEREFORE, THE
* UNDERAGE IS BROUGHT BACK INTO THE FIELD FOR REDISTRIBUTION TO
* OTHER WELLS IN THE CURRENT MONTH'S ALLOWABLE.

*
* COLUMN 8 = COLUMN 6 - COLUMN 7

*
* -----
* FL-AS-NORMAL-ADJUSTMENT
* -----

* THIS IS COLUMN 9 ON THE A-SHEET. THIS COLUMN IS THE DIFFERENCE
* BETWEEN COLUMN 1 AND COLUMN 11 AT THE TIME OF THE INITIAL
* CALCULATION, I.E., THE NORMAL ADJUSTMENT IS THE TOTAL ASSIGNED
* RESERVOIR AMOUNT MINUS THE CURRENT FORECAST AMOUNT. HOWEVER, IF
* THE TOTAL RESERVOIR ALLOWABLE AMOUNT EXCEEDS THE MAXIMUM
* DELIVERABILITY AND MUST BE ADJUSTED DOWN TO DELIVERABILITY MINUS
* 5 MCF, THE NORMAL ADJUSTMENT WOULD BE THE TOTAL RESERVOIR
* ALLOWABLE (COLUMN 11) MINUS THE CURRENT FORECAST (COLUMN 1)
* MINUS THE EXTRA ADJUSTMENT (COLUMN 10). IF THE FIELD HAS BEEN
* PRORATED LESS THAN 4 MONTHS, THE NORMAL ADJUSTMENT IS ZERO. THE
* NORMAL ADJUSTMENT AMOUNT IS FIGURED BY THE COMPUTER WHEN THE
* FIRST A-SHEET FOR THE NEW SCHEDULE MONTH IS CALCULATED.

*

* -----
* FL-AS-EXTRA-ADJUSTMENT
* -----
* THIS IS COLUMN 10 ON THE A-SHEET. COLUMN 10 ON THE A-SHEET IS
* NORMALLY USED BY THE PRORATION ANALYST TO ADJUST THE ALLOWABLE.
* NO MORE THAN THE WORKING EXTRA ADJUSTMENT MAY BE ADDED TO OR
* TAKEN AWAY FROM THE TOTAL RESERVOIR ALLOWABLE. THE COMPUTER
* WILL AUTOMATICALLY CALCULATE THE EXTRA ADJUSTMENT WHEN THE TOTAL
* RESERVOIR ALLOWABLE EXCEEDS THE MAXIMUM DELIVERABILITY. IN THIS
* CASE, THE EXTRA ADJUSTMENT WILL BE THE TOTAL RESERVOIR ALLOWABLE
* FROM THE INITIAL CALCULATION MINUS THE ASSIGNED TOTAL RESERVOIR
* ALLOWABLE (MAXIMUM DELIVERABILITY MINUS 5 MCF).
*
* THE EXTRA ADJUSTMENT IS DESIGNED TO BALANCE THE TOTAL FIELD
* ALLOWABLE WITH THE TOTAL FIELD PRODUCTION. THE REQUIRED
* POSITIVE OR NEGATIVE ADJUSTMENTS ARE DONE USING THE EXTRA
* ADJUSTMENT. IF THE RESULTING COLUMN 11 FIGURE SHOULD BE A
* NEGATIVE AMOUNT, AN EQUAL OFFSETTING ADJUSTMENT MUST BE ADDED IN
* TO BRING THE FIELD TO ZERO. THIS WOULD NORMALLY RESULT IN A 0
* ALLOWABLE BEING ASSIGNED TO THE FIELD.
*
* -----
* FL-AS-TOTAL-ASSIGNED-RES-AMT
* -----
* THIS IS COLUMN 11 ON THE A-SHEET. THIS DATA ITEM IS THE TOTAL
* RESERVOIR ALLOWABLE. THE GROSS ADJUSTMENT AMOUNT IN COLUMN 5 ON
* THE A-SHEET IS SUBTRACTED FROM THE CURRENT FORECAST AMOUNT IN
* COLUMN 1 ON THE A-SHEET. THE LIMITED ADJUSTMENT AMOUNT IN
* COLUMN 8 ON THE A-SHEET, THE EXTRA ADJUSTMENT AMOUNT IN COLUMN
* 10 ON THE A-SHEET AND THE CANCELLED UNDERAGE AMOUNT ARE THEN
* ADDED TO THIS AMOUNT TO GIVE THE TOTAL ASSIGNED RESERVOIR AMOUNT
* IN COLUMN 11 ON THE A-SHEET. IF THE FIELD HAS BEEN PRORATED
* LESS THAN 4 MONTHS, THE CURRENT FORECAST AMOUNT BECOMES THE
* TOTAL ASSIGNED RESERVOIR AMOUNT. IF THE TOTAL ASSIGNED
* RESERVOIR AMOUNT IS GREATER THAN THE MAXIMUM DELIVERABILITY OF
* THE FIELD, THE TOTAL ASSIGNED RESERVOIR AMOUNT BECOMES THE
* MAXIMUM DELIVERABILITY MINUS 5 MCF.
*
* COLUMN 11 = COLUMN 1 - COLUMN 5 + COLUMN 8 + COLUMN 10
*
* WHERE COLUMN 5 = COLUMN 2 + COLUMN 3 - COLUMN 4
* AND COLUMN 8 = COLUMN 6 - COLUMN 7
*
* -----
* FL-AS-CANCEL-UNDERAGE-AMT
* -----
* THIS DATA ITEM CONTAINS THE AMOUNT OF CANCELLED UNDERAGE THAT IS
* BEING ADDED BACK INTO A FIELD. THE AMOUNT WILL APPEAR IN COLUMN
* 10 FOLLOWED BY A "C". THE PRORATION ANALYST TRACKS THE AMOUNT
* OF CANCELLED UNDERAGE. THE ANALYST CAN USE THE UNDERAGE AS
* HE/SHE DEEMS APPROPRIATE AND NECESSARY TO CREDIT THE FIELD FOR
* NOT USING ALL OF ITS PAST ALLOWABLE BY INCREASING THE CURRENT
* RESERVOIR ALLOWABLE. CANCELLED UNDERAGE IS UNDERAGE THAT HAS
* BEEN VOLUNTARILY CANCELLED AT THE REQUEST OF THE OPERATOR.
*

```

* -----
* FL-AS-CURRENT-FORECAST-CODE
* -----
* THIS DATA ITEM INDICATES THE ORIGIN OF THE CURRENT FORECAST.
*
*   T = T-3 USED TO DETERMINE CURRENT FORECAST
*   Z = CURRENT FORECAST IS ZERO BECAUSE ZERO MCF WAS NOMINATED
*     FOR THE FIELD
*   A = CURRENT FORECAST IS BASED ON AVERAGE OF PAST PRODUCTION
*   U = SOURCE OF DATA UNSPECIFIED
*   G = G-7 USED TO DETERMINE CURRENT FORECAST (THIS CODE WILL
*     APPEAR ONLY ON THE MONTHS PRIOR TO SEPTEMBER, 1986)
*
* -----
* FL-AS-COL-1-REVISED-CODE
* -----
* THIS CODE INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* CURRENT FORECAST AMOUNT.
*
*   N = CURRENT FORECAST HAS NOT BEEN REVISED
*   R = CURRENT FORECAST HAS BEEN REVISED
*
* -----
* FL-AS-3RD-MO-PRIOR-FRCST-CODE
* -----
* THIS CODE INDICATES THE ORIGIN OF THE FORECAST AMOUNT 3 MONTHS
* PRIOR TO THE CURRENT SCHEDULE MONTH.
*
*   T = T-3 USED TO DETERMINE THIRD MONTH PREVIOUS FORECAST
*   Z = THIRD MONTH PREVIOUS FORECAST WAS ZERO BECAUSE ZERO MCF
*     WAS NOMINATED FOR THE FIELD
*   A = THIRD MONTH PREVIOUS FORECAST WAS BASED ON AVERAGE OF
*     PAST PRODUCTION
*   U = SOURCE OF DATA UNSPECIFIED
*   G = G-7 USED TO DETERMINE THIRD MONTH PREVIOUS FORECAST
*     (THIS CODE WILL APPEAR ONLY ON THE MONTHS PRIOR TO
*     SEPTEMBER, 1986)
*
* -----
* FL-AS-COL-2-REVISED-CODE
* -----
* THIS CODE INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* THIRD MONTH PRIOR FORECAST AMOUNT.
*
*   N = THIRD MONTH PRIOR FORECAST HAS NOT BEEN REVISED
*   R = THIRD MONTH PRIOR FORECAST HAS BEEN REVISED
*
* -----
* FL-AS-COL-3-REVISED-CODE
* -----
* THIS CODE INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* THIRD MONTH PRIOR SUPPLEMENT CHANGE AMOUNT.
*
*   N = THIRD MONTH PRIOR SUPPLEMENT CHANGE HAS NOT BEEN REVISED
*   R = THIRD MONTH PRIOR SUPPLEMENT CHANGE HAS BEEN REVISED
*

```



```

* -----
* FL-AS-COL-4-REVISED-CODE
* -----
* THIS CODE INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* THIRD MONTH PRIOR NON-LIMITED PRODUCTION AMOUNT.
*
*     N = THIRD MONTH PRIOR NON-LIMITED PRODUCTION HAS NOT BEEN
*     REVISED
*     R = THIRD MONTH PRIOR NON-LIMITED PRODUCTION HAS BEEN REVISED
*
* -----
* FL-AS-COL-5-REVISED-CODE
* -----
* THIS CODE INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* THIRD MONTH PRIOR GROSS ADJUSTMENT AMOUNT.
*
*     N = THIRD MONTH PRIOR GROSS ADJUSTMENT HAS NOT BEEN REVISED
*     R = THIRD MONTH PRIOR GROSS ADJUSTMENT HAS BEEN REVISED
*
* -----
* FL-AS-COL-6-REVISED-CODE
* -----
* THIS CODE INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* THIRD MONTH PRIOR LIMITED ALLOWABLE AMOUNT.
*
*     N = THIRD MONTH PRIOR LIMITED ALLOWABLE HAS NOT BEEN REVISED
*     R = THIRD MONTH PRIOR LIMITED ALLOWABLE HAS BEEN REVISED
*
* -----
* FL-AS-COL-7-REVISED-CODE
* -----
* THIS CODE INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* THIRD MONTH PRIOR LIMITED PRODUCTION AMOUNT.
*
*     N = THIRD MONTH PRIOR LIMITED PRODUCTION HAS NOT BEEN REVISED
*     R = THIRD MONTH PRIOR LIMITED PRODUCTION HAS BEEN REVISED
*
* -----
* FL-AS-COL-8-REVISED-CODE
* -----
* THIS CODE INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* THIRD MONTH PRIOR LIMITED ADJUSTMENT AMOUNT.
*
*     N = THIRD MONTH PRIOR LIMITED ADJUSTMENT HAS NOT BEEN REVISED
*     R = THIRD MONTH PRIOR LIMITED ADJUSTMENT HAS BEEN REVISED
*
* -----
* FL-AS-COL-10-REVISED-CODE
* -----
* THIS CODE INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* EXTRA ADJUSTMENT AMOUNT.
*
*     N = EXTRA ADJUSTMENT AMOUNT HAS NOT BEEN REVISED
*     R = EXTRA ADJUSTMENT HAS BEEN REVISED
*

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```

* -----
* FL-AS-TOT-ASSIGN-RES-AMT-CD
* -----
* THIS CODE INDICATES THE TYPE OF ALLOWABLE GIVEN TO THE FIELD.
* CODES "N", "M" AND "U" ARE AUTOMATICALLY GENERATED BY THE
* COMPUTER.
*
*   N = NORMAL, AUTOMATIC CALCULATION
*   M = ALLOWABLE CALCULATED EXCEEDED MAXIMUM DELIVERABILITY SO
*       ALLOWABLE ASSIGNED TO FIELD IS ADJUSTED TO MAXIMUM
*       DELIVERABILITY MINUS 5 MCF
*   * = FIELD HAS BEEN ASSIGNED A 0* ALLOWABLE (OPERATORS MAY
*       PRODUCE THEIR WELLS AT UP TO TWICE THE AVERAGE DAILY
*       ALLOWABLE OF THE WELLS FOR THE PRECEDING SIX MONTHS)
*   A = BASED ON AVERAGE OF MOST RECENT PAST PRODUCTION
*   P = 3RD MONTH PREVIOUS PRODUCTION
*   U = SOURCE OF DATA UNSPECIFIED
*
* -----
* FL-AS-NUM-OF-MONS-AVGD
* -----
* THIS DATA ITEM REPRESENTS THE NUMBER OF MONTHS ON WHICH THE
* AVERAGE PAST PRODUCTION IS BASED WHEN THE TOTAL RESERVOIR
* ALLOWABLE IS BASED ON THE AVERAGE OF MOST RECENT PAST
* PRODUCTION.
*
* NOTE:  THIS DATA ITEM IS NOT USED CURRENTLY.
*
* -----
* FL-AS-COL-11-REVISED-CODE
* -----
* THIS CODE INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* TOTAL RESERVOIR ALLOWABLE AMOUNT.
*
*   N = TOTAL RESERVOIR ALLOWABLE HAS NOT BEEN REVISED
*   R = TOTAL RESERVOIR ALLOWABLE HAS BEEN REVISED
*
* -----
* FL-AS-USER-UPD-CALC-EFF-FLAG
* -----
* THIS FLAG INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* CURRENT SCHEDULE MONTH DATA ON THE A-SHEET.  THEREFORE THE
* COMPUTER WILL NOT RECALCULATE ALL CURRENT MONTH FIGURES BUT WILL
* INSTEAD UPDATE USING THE FIGURES THAT THE ANALYST ENTERED ON HIS
* A-SHEET.
*
*   N = RECALCULATE
*   Y = UPDATE USING NEW FIGURES
*
* -----
* FL-AS-CANCEL-UNDERAGE-CODE
* -----
* THIS DATA ITEM INDICATES WHETHER ANY CANCELLED UNDERAGE IS BEING
* ADDED BACK INTO THE FIELD.
*
*   C  CANCELLED UNDERAGE WAS ADDED BACK UNDER NORMAL FIELD CONDITIONS
*   Q  CANCELLED UNDERAGE WAS ADDED BACK INTO A FIELD WITH A 0*

```

```

*          ALLOWABLE; THE AMOUNT OF UNDERAGE WILL PRINT UNDER THE
*          ALLOWABLE IN COLUMN 11
* N      CANCELLED UNDERAGE AMOUNT IS 0
*
* -----
* FL-AS-ITEM-12-REVISED-CODE
* -----
* THIS CODE INDICATES THAT THE PRORATION ANALYST HAS UPDATED THE
* CANCELLED UNDERAGE AMOUNT.
*
*      N = CANCELLED UNDERAGE HAS NOT BEEN REVISED
*      R = CANCELLED UNDERAGE HAS BEEN REVISED
*
* -----
* FL-AS-SPECIAL-ALLOWABLE-FLAG
* -----
* THIS FLAG INDICATES THAT ONE OR MORE WELLS IN THE FIELD HAVE
* BEEN ASSIGNED A SPECIAL ALLOWABLE.
*
*      N = SPECIAL ALLOWABLE IS NOT IN EFFECT
*      Y = SPECIAL ALLOWABLE IS IN EFFECT
*
* -----
* FL-AS-REDUCED-RATE-FLAG
* -----
* THIS FLAG INDICATES THAT ONE OR MORE WELLS IN A FIELD ARE
* PRODUCING AT A REDUCED RATE.
*
*      N = NO WELLS ARE PRODUCING AT A REDUCED RATE
*      Y = AT LEAST ONE WELL IN THE FIELD IS PRODUCING AT A REDUCED
*          RATE
*
* -----
* FL-AS-FIELD-BALANCED-FLAG
* -----
* THIS FLAG INDICATES WHETHER THE CUMULATIVE STATUS FOR THE FIELD
* IS ZERO THIS MONTH.
*
*      N = FIELD IS NOT BALANCED THIS MONTH
*      Y = FIELD IS BALANCED THIS MONTH
*
* -----
* FL-AS-TOT-CALC-RES-AMOUNT
* -----
* THE TOTAL RESERVOIR ALLOWABLE ASSIGNED TO THE FIELD CANNOT
* ALWAYS BE DIVIDED EVENLY AMONG THE WELLS.  BECAUSE FRACTIONS
* ARE NOT ALLOWED, THE TOTAL CALCULATED RESERVOIR ALLOWABLE WILL
* DIFFER SLIGHTLY FROM THE ASSIGNED RESERVOIR ALLOWABLE.
*
* -----
* FL-AS-INTEND-TO-RECALC-FLAG
* -----
* THIS DATA ITEM IS NOT USED CURRENTLY.
*

```

* -----
 * FL-AS-GROSS-T3-TOTAL
 * -----
 * THIS FIGURE REPRESENTS THE TOTAL AMOUNT OF GAS NOMINATED FOR A
 * FIELD; THAT IS, ALL THE FORM T-3'S ASSOCIATED WITH A GIVEN FIELD
 * ARE ADDED TOGETHER. THE AMOUNT WILL BE GIVEN IN MCF.
 *
 * -----
 * FL-AS-ADJUSTED-T3-TOTAL
 * -----
 * THIS FIGURE REPRESENTS THE TOTAL T-3 AMOUNT FOR THE FIELD; THE
 * AMOUNT MAY HAVE BEEN ADJUSTED DOWN BECAUSE ONE OR MORE T-3'S
 * EXCEEDED THE DELIVERABILITY OF THE WELL(S) THAT THE NOMINATOR(S)
 * WERE NOMINATING FOR, OR THE AMOUNT(S) ON THE T-3('S) WERE
 * GREATER THAN THE AMOUNT(S) THE NOMINATOR(S) WERE ENTITLED TO
 * TAKE FROM THE FIELD.
 *
 * -----
 * FL-AS-GROSS-DELIV
 * -----
 * THIS DATA ITEM IS NOT USED CURRENTLY.
 *
 * -----
 * FL-AS-ADJUSTED-DELIV
 * -----
 * THIS DATA ITEM IS NOT USED CURRENTLY.
 *
 * -----
 * FL-AS-COR-3RD-MO-PRI-SUP-CHG
 * -----
 * THIS DATA ITEM IS NOT USED CURRENTLY.
 *
 * -----
 * FL-AS-TOT-CURR-XTRA-ADJ-AMT
 * -----
 * THIS DATA ITEM IS CALCULATED TWICE A YEAR AT THE END OF THE
 * FIRST THREE MONTHS OF EACH BALANCING PERIOD (MAY AND NOVEMBER).
 * THE NORMAL ADJUSTMENT IN COLUMN 9 ON THE A-SHEET IS TOTALED
 * FOR THE FIRST THREE MONTHS OF THE BALANCING PERIOD. THE EXTRA
 * ADJUSTMENT IN COLUMN 10 ON THE A-SHEET IS TOTALED FOR THE
 * FIRST TWO MONTHS OF THE BALANCING PERIOD. THESE TWO TOTALS
 * ARE THEN ADDED TOGETHER AND SUBTRACTED FROM THE CURRENT SIX
 * MONTH STATUS. IF THIS AMOUNT IS POSITIVE, THE WORD "ADD" WILL
 * APPEAR TO THE SIDE OF THE AMOUNT. IF THIS AMOUNT IS NEGATIVE,
 * THE WORD "REMOVE" WILL APPEAR TO THE SIDE OF THE AMOUNT.
 *
 * -----
 * FL-AS-WORKING-CUR-XTRA-ADJ-AMT
 * -----
 * THIS DATA ITEM IS THE AMOUNT OF OVERAGE OR UNDERAGE FOR THE
 * CURRENT BALANCING PERIOD WHICH THE PRORATION ANALYST MAY USE
 * TO ADJUST THE TOTAL RESERVOIR ALLOWABLE. THE NORMAL ADJUSTMENT
 * IN COLUMN 9 ON THE A-SHEET IS TOTALED FOR THE FIRST THREE MONTHS
 * OF THE BALANCING PERIOD. THE EXTRA ADJUSTMENT IN COLUMN 10 ON
 * THE A-SHEET IS TOTALED FOR ALL THE MONTHS IN THE BALANCING
 * PERIOD. THESE TWO TOTALS ARE THEN ADDED TOGETHER AND SUBTRACTED
 * FROM THE CURRENT SIX MONTH STATUS. IF THIS AMOUNT IS POSITIVE,

* THE WORD "ADD" WILL APPEAR TO THE SIDE OF THE AMOUNT. IF THIS
* AMOUNT IS NEGATIVE, THE WORD "REMOVE" WILL APPEAR TO THE SIDE OF
* THE AMOUNT.

*

* -----
* FL-AS-MONTHLY-CUMU-STATUS
* -----

* CUMULATIVE AMOUNT INDICATING THE AMOUNT THE FIELD HAS OVER- OR
* UNDERPRODUCED ITS ALLOWABLE DURING THE LATEST BALANCING
* PERIOD PLUS THE OVERAGE OR UNDERAGE ACCUMULATED IN SUBSEQUENT
* MONTHS. IF THE CUMULATIVE STATUS IS POSITIVE, THE WORD "OVER"
* WILL APPEAR TO THE SIDE OF THE AMOUNT. IF THE CUMULATIVE STATUS
* IS NEGATIVE, THE WORD "UNDER" WILL APPEAR TO THE SIDE OF THE
* AMOUNT.

*

* -----
* FL-AS-PROJECTED-STATUS
* -----

* THIS DATA ITEM REPRESENTS THE PROJECTED CUMULATIVE AMOUNT FOR
* THE FOLLOWING MONTH. THE AVERAGE OF THE NON-LIMITED PRODUCTION
* FIGURES IN COLUMN 4 ON THE A-SHEET FOR THE 3 MOST CURRENT MONTHS
* IN THE CURRENT BALANCING PERIOD IS CALCULATED. THE TOTAL
* RESERVOIR ALLOWABLE FOR THE TWO MONTHS PRIOR TO THE CURRENT
* MONTH ARE SUBTRACTED SEPARATELY FROM THE AVERAGE PRODUCTION
* FIGURE. THE DIFFERENCES ARE THEN ADDED TO THE CUMULATIVE
* STATUS. IF THE PROJECTED STATUS IS POSITIVE, THE WORD "OVER"
* WILL APPEAR TO THE SIDE OF THE AMOUNT. IF THE PROJECTED STATUS
* IS NEGATIVE, THE WORD "UNDER" WILL APPEAR TO THE SIDE OF THE
* AMOUNT.

*

* -----
* FL-AS-MAX-DELIV
* -----

* G-10 TESTS ARE CONDUCTED ON THE WELLS IN A FIELD WHICH INDICATE
* HOW MUCH GAS THE WELLS ARE CAPABLE OF PRODUCING. THE MAXIMUM
* DELIVERABILITY IS THE TOTAL AMOUNT OF GAS THE FIELD CAN PRODUCE.
* IF THE TOTAL FIELD ALLOWABLE EXCEEDS THE MAXIMUM DELIVERABILITY,
* THE ALLOWABLE IS ADJUSTED DOWN TO THE MAXIMUM DELIVERABILITY
* MINUS 5 MCF.

*

* -----
* FL-AS-USER-UPD-MAX-DEL-FLAG
* -----

* THIS FLAG INDICATES THAT THE PRORATION ANALYST HAS UPDATED
* THE MAXIMUM DELIVERABILITY AMOUNT ON THE A-SHEET.

*

* N = MAXIMUM DELIVERABILITY HAS NOT BEEN UPDATED
* Y = MAXIMUM DELIVERABILITY HAS BEEN UPDATED

*

* -----
* FL-AS-P-CUR-ALOW-CUR-FRCST
* -----

* THIS PERCENTAGE IS A COMPARISON BETWEEN THE TOTAL RESERVOIR
* ALLOWABLE AMOUNT AND THE CURRENT FORECAST AMOUNT. IT IS
* CALCULATED BY DIVIDING THE CURRENT FORECAST AMOUNT IN COLUMN 1
* ON THE A-SHEET INTO THE TOTAL RESERVOIR ALLOWABLE AMOUNT IN
* COLUMN 11 ON THE A-SHEET AND MULTIPLYING THE RESULT BY 100.

*
 * -----
 * FL-AS-P-CUR-ALOW-6-MO-AVG-PRD
 * -----
 * THIS PERCENTAGE IS A COMPARISON BETWEEN THE TOTAL RESERVOIR
 * ALLOWABLE AND THE LAST 6 MONTHS AVERAGE PRODUCTION. AN
 * AVERAGE OF THE LAST 6 MONTHS 3RD MONTH PREVIOUS PRODUCTION
 * FIGURES IS DETERMINED. THIS AVERAGE IS THEN DIVIDED INTO THE
 * TOTAL RESERVOIR ALLOWABLE AND MULTIPLIED BY 100.
 *
 * -----
 * FL-AS-P-6-MO-AVG-PRD-6-MO-AVG
 * -----
 * THIS DATA ITEM IS NOT USED CURRENTLY.
 *
 * -----
 * FL-AS-CALC-ASHEET-DATE
 * -----
 * THIS DATA ITEM CONTAINS THE DATE THAT THE TOTAL RESERVOIR
 * ALLOWABLE WAS INITIALLY CALCULATED FOR THE CURRENT SCHEDULE
 * MONTH. IT IS STORED IN CCYYMMDD FORMAT WHERE CC = CENTURY
 * YY = YEAR, MM = MONTH AND DD = DAY.
 *
 * NOTE: THIS SEGMENT WAS DISCONTINUED JULY 1, 1992 AND
 * WILL BE REMOVED FROM THE DATABASE AFTER
 * JUNE 20, 1994.

T-3 Root

```

*****
*
*           THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
*                   T-3 ROOT SEGMENT.
*
*
* SEGMENT NAME:  FLT3ROOT
*-----*
* VARIABLE                ]          TYPE          ]    SSA      *
* NAME                    ]                      ]    NAME      *
*-----*
* FL-T3-NOMINATOR-SYSTEM ]    KEY                ]  FLT3OPSY  *
* FL-T3-OPERATOR         ]    SECONDARY INDEX ]  FLT3OPER  *
*-----*
*****

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```

01 RAILROAD-COMMISSION-TAPE-REC.                                POS.
   02 RRC-TAPE-RECORD-ID                                     PIC X(02).    1
   02 FL-T3-NOMINATOR-SYSTEM.
       05 FL-T3ROOT-KEY.
           10 FL-T3-NOMINATOR-NUMBER PIC 9(6).            3
           10 FL-T3-SYSTEM-NUMBER   PIC 9(4).            9
       05 FILLER                                           PIC X(35).    13
   02 RRC-TAPE-FILLER                                       PIC X(0193). 48

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* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    15  -   T-3 ROOT TAPE RECORD
*
* -----
* FL-T3-NOMINATOR-NUMBER
* -----
* THE NUMBER OF THE PURCHASER FILING A T-3 FORM (NOMINATION FOR
* THE PURCHASE OR USE OF GAS) FOR A PARTICULAR FIELD.  THIS IS A
* SIX-DIGIT NUMBER ASSIGNED TO EACH OPERATOR AS A CONSEQUENCE OF
* THE FILING OF A P-5 FORM (AN ORGANIZATION REPORT REQUIRED OF
* ANYONE ENTERING ANY PHASE OF THE OIL AND GAS BUSINESS IN TEXAS
* WHICH IS REGULATED BY THE RRC) .
*
* -----
* FL-T3-SYSTEM-NUMBER
* -----
* THE PIPELINE AND GATHERING SYSTEM FOR WHICH THE PURCHASER IS
* FILING A T-3.
*

```


T-3 Form

```

*****
*
*           THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
*                   T-3 FORM SEGMENT.
*
*
* SEGMENT NAME:   FLDT3                               65 BYTES.
*-----*
* VARIABLE                ]          TYPE            ]   SSA      *
* NAME                    ]          NAME            ]   NAME      *
*-----*
* FL-T3-KEY                ]   KEY                  ]   FLT3DATE  *
*-----*
*****
    01 RAILROAD-COMMISSION-TAPE-REC.                                POS.
    02 RRC-TAPE-RECORD-ID                                           PIC X(02) . 1
    02 FL-T3-INFORMATION.
    03 FL-T3-KEY.
*==> YYMM TO CCYYMM.
    05 FL-T3-REPORT-DATE                                           PIC 9(6) .      3
    05 FL-T3-REP-DATE REDEFINES FL-T3-REPORT-DATE.
        10 FL-T3-REPORT-CENTURY PIC 99.
        10 FL-T3-REPORT-YEAR   PIC 99.
        10 FL-T3-REPORT-MONTH  PIC 99.
* REPORT DATE MUST BE SUBTRACTED FROM 999999 TO GET DISPLAY DATE
    05 FL-T3-KIND-OF-GAS                                           PIC X(01) .      9
        88 FL-T3-CASINGHEAD-GAS                                     VALUE 'C'.
        88 FL-T3-GAS-WELL-GAS                                     VALUE 'G'.
    03 FL-T3-PERC-FLD-DEL                                           PIC 9V99.      10
*==> YYMMDD TO CCYYMMDD.
    03 FL-T3-POSTING-DATE.
    05 FL-T3-POSTING-CCYY.
        10 FL-T3-POSTING-CENTURY PIC 99.      13
        10 FL-T3-POSTING-YEAR   PIC 99.      15
    05 FL-T3-POSTING-MONTH PIC 99.      17
    05 FL-T3-POSTING-DAY   PIC 99.      19
    03 FL-T3-CORRECTED-REPORT PIC X(01) .      21
    03 FL-T3-AMOUNT-OF-GAS  PIC 9(09) .      22
    03 FL-T3-BATCH-NUMBER  PIC 9(03) .      31
*==* FILLER X(38) TO X(34) .
    03 FILLER                                                       PIC X(34) .      34
*==* EXPANDED ZERO BYTES.
    02 RRC-TAPE-FILLER                                           PIC X(0173) . 68

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* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    16  -   T-3 FORM TAPE RECORD
*
* -----
* FL-T3-REPORT-DATE
* -----
* THE MONTH AND YEAR TO WHICH THE T-3 FORM (NOMINATION FOR THE
* PURCHASE OR USE OF GAS) APPLIES.  THE DATE MUST BE SUBTRACTED
* FROM 9999 TO GET THE DISPLAY DATE.  THE DISPLAY DATE IS IN
* CCYYMM FORMAT WHERE THE CC=CENTURY, YY=YEAR, AND MM=MONTH.
*
* THE FORM T-3 IS REQUIRED BY COMMISSION STATEWIDE RULE 30(A), AND
* IS UTILIZED IN ARRIVING AT THE ACTUAL DEMAND FOR GAS FROM ALL
* PRODUCING FIELDS IN THE STATE OF TEXAS.  RULE 30(A) PROVIDES
* THAT THE FIRST PURCHASER SHALL ACT AS INITIAL NOMINATOR (WITH
* STAFF APPROVAL, SOMEONE ELSE MAY ACT AS INITIAL NOMINATOR).  A
* FIRST PURCHASER IS ONE PURCHASING NATURAL GAS FROM A PRODUCER.
* EACH INITIAL NOMINATOR SHALL NOMINATE FOR A TOTAL QUANTITY OF
* GAS OF WHICH THE NOMINATOR IS THE ULTIMATE CONSUMER.  THIS
* AMOUNT WILL INCLUDE LEASE SHRINKAGE, LINE LOSS, PLANT FUEL,
* COMPRESSOR USE, PLUS GAS THE INITIAL PURCHASER MAY CONSUME AT
* THE POINT OF FINAL DELIVERY, AND THE TOTAL QUANTITY OF GAS
* NOMINATED BY ITS DOWNSTREAM PURCHASERS (MEANING ONE PURCHASING
* NATURAL GAS FOR RESALE FROM OTHER THAN A PRODUCER).
*
* -----
* FL-T3-KIND-OF-GAS
* -----
* THE TYPE OF GAS THE NOMINATOR WANTS TO PURCHASE.  FIRST PRIORITY
* IN THE NOMINATION FOR THE PURCHASE OF GAS SHALL BE GIVEN TO
* CASINGHEAD GAS AND SECOND PRIORITY TO STATEWIDE RULE 49(B) GAS
* SO THAT GAS PRODUCED IN ASSOCIATION WITH OIL PRODUCTION SHALL
* NOT BE WASTEFULLY VENTED AND OIL PRODUCTION SHALL NOT BE
* UNNECESSARILY CURTAILED.
*
*          CASINGHEAD GAS          VALUE "C"
*          GAS WELL GAS            VALUE "G"
*
* -----
* FL-T3-PERC-FLD-DEL
* -----
* THIS DATA ITEM CONTAINS A PERCENTAGE AMOUNT.  IT IS THE AMOUNT
* OF GAS THAT THE NOMINATOR IS INDICATING HE WILL TAKE FROM THE
* FIELD THIS MONTH DIVIDED BY THE AMOUNT OF GAS HE HAD PREVIOUSLY
* INDICATED TO THE OPERATORS IN THE FIELD THAT HE WOULD BUY.
*
* FOR EXAMPLE, SUPPOSE THE NOMINATOR HAD NEGOTIATED WITH AN
* OPERATOR PRODUCING THE ONLY TWO WELLS IN A FIELD, WITH EACH WELL

```

* PRODUCING 10 MCF/D. THE NOMINATOR AGREED TO TAKE 50% OF EACH
* WELL'S DELIVERABILITY. SINCE EACH WELL PRODUCES 30 MCF OF GAS
* PER MONTH, HE HAS CONTRACTED FOR 30 MCF OF GAS PER MONTH (15 MCF
* PER WELL) IN THIS FIELD. HOWEVER, ON THIS T-3, THE NOMINATOR
* INDICATES THAT HE CAN TAKE ONLY 15 MCF OF THE 30 MCF HE HAS
* CONTRACTED FOR IN THIS FIELD. IN THAT CASE, THE PERCENTAGE
* AMOUNT CONTAINED HERE WOULD BE 50%. THIS PERCENTAGE FIGURE IS
* AN INDICATION OF HOW EQUALLY THE NOMINATOR IS TAKING FROM EACH
* FIELD IN WHICH HE HAS AGREED TO BUY. IN TIMES OF LOW MARKET
* DEMAND, THE NOMINATOR SHOULD TAKE AN EQUAL PERCENTAGE OF THE
* GAS HE CAN SELL FROM EACH FIELD IN WHICH HE HAS AGREED TO BUY.

* NOTE: THE PERCENT OF FIELD DELIVERABILITY IS NOT YET IN USE.

* -----
* FL-T3-POSTING-DATE
* -----

* THE DATE THE FORM T-3 WAS ENTERED INTO THE COMPUTER SYSTEM. IT
* IS IN YY/MM/DD FORMAT WHERE YY=YEAR, MM=MONTH AND DD=DAY.

* -----
* FL-T3-CORRECTED-REPORT
* -----

* THIS DATA ITEM INDICATES WHETHER THE T-3 IS AN ORIGINAL OR A
* CORRECTED VERSION.

* N = ORIGINAL T-3 FORM
* Y = CORRECTED T-3 FORM

* -----
* FL-T3-AMOUNT-OF-GAS
* -----

* THE TOTAL QUANTITY OF CASINGHEAD GAS OR GAS WELL GAS THAT THE
* NOMINATOR WANTS TO PURCHASE FROM THE FIELD. THE AMOUNT WILL BE
* IN MCF.

* -----
* FL-T3-BATCH-NUMBER
* -----

* THIS DATA ITEM CONTAINS A NUMBER WHICH IDENTIFIES A BATCH OF
* T-3'S, I.E., THE HARDCOPY FORMS WHICH RRC KEYPUNCH OPERATORS USE
* TO TRANSFER HARDCOPY TO DISK OR TAPE.

Field Monthly Statistics

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*****
*
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* FIELD MONTHLY STATISTICS.
*
*
* SEGMENT NAME:  FLDMO                                80 BYTES.
*
*-----*
* VARIABLE          ]          TYPE          ]          SSA          *
* NAME              ]          ]          NAME          *
*-----*
* FL-PRODUCTION-DATE ]          KEY          ]          FLDMOKEY    *
*-----*
*****
01 RAILROAD-COMMISSION-TAPE-REC.                                POS.
02 RRC-TAPE-RECORD-ID                                         PIC X(02) . 1
02 FL-MONTHLY-STATISTICS.
*==> YYMM TO CCYYMM.
03 FL-PRODUCTION-DATE.
05 FL-PRODUCTION-CENT-YEAR.
    10 FL-PRODUCTION-CENTURY PIC 9(02) . 3
    10 FL-PRODUCTION-YEAR   PIC 9(02) . 5
05 FL-PRODUCTION-MONTH   PIC 9(02) . 7
03 FILLER                 PIC X(02) . 9
03 FL-GAS-ALLOWABLE      PIC 9(13)   COMP-3. 11
03 FL-LIQUID-COND-ALLOWABLE PIC 9(09)   COMP-3. 18
03 FL-OIL-ALLOWABLE      PIC 9(09)   COMP-3. 23
03 FL-CASINGHEAD-GAS-LIMIT PIC 9(09)   COMP-3. 28
03 FL-P2-GAS-PRODUCTION  PIC 9(09)   COMP-3. 33
03 FL-P2-CONDENSATE-PRODUCTION PIC 9(09)   COMP-3. 38
03 FL-PARTIAL-GAS-WELL-PROD-CD PIC X(01) . 43
    88 FL-NO-P2S-RECEIVED          VALUE 'N' .
    88 FL-SOME-P2S-RECEIVED        VALUE 'S' .
    88 FL-ALL-P2S-RECEIVED         VALUE 'A' .
    88 FL-NO-GAS-WELLS             VALUE 'I' .
03 FL-P1-OIL-PRODUCTION          PIC 9(09)   COMP-3. 44
03 FL-P1-CASINGHEAD-PRODUCTION  PIC 9(09)   COMP-3. 49
03 FL-PARTIAL-OIL-WELL-PROD-CD  PIC X(01) . 54
    88 FL-NO-P1S-RECEIVED          VALUE 'N' .
    88 FL-SOME-P1S-RECEIVED        VALUE 'S' .
    88 FL-ALL-P1S-RECEIVED         VALUE 'A' .
    88 FL-NO-OIL-WELLS             VALUE 'I' .
*==> MMDDYY TO CCYYMMDD.
03 FL-DATE-LAST-UPDATED.
05 FL-CENT-YEAR-LAST-UPDATED.
    10 FL-CENT-LAST-UPDATED PIC 9(2) . 55
    10 FL-YEAR-LAST-UPDATED PIC 9(2) . 57
05 FL-MONTH-LAST-UPDATED  PIC 9(2) . 59
05 FL-DAY-LAST-UPDATED    PIC 9(2) . 61
03 FL-UNLIMITED-CASINGHEAD-FLAG PIC X(1) . 63
    88 FL-CASINGHEAD-UNLIMITED          VALUE 'Y' .
03 FL-INCLUDE-DROP-GAS-STATS-FLAG PIC X(1) . 64
    88 FL-INCLUDE-DROP-GAS-STATS          VALUE 'Y' .
03 FL-INCLUDE-DROP-OIL-STATS-FLAG PIC X(1) . 65

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	88	FL-INCLUDE-DROP-OIL-STATS		VALUE 'Y'.	
03		FL-TOTAL-CALC-RES-AMOUNT	PIC S9(09)	COMP-3.	66
03		FILLER	PIC X(12).		71
02		RRC-TAPE-FILLER	PIC X(158).		83

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 17 - FIELD MONTHLY STATISTICS TAPE RECORD
*
* -----
* FL-PRODUCTION-DATE
* -----
* THIS DATA ITEM CONTAINS THE DATE WHICH, IN THIS SEGMENT, CORRE-
* SPONDS TO THE ACTUAL PRODUCTION FIGURES AND ASSIGNED ALLOWABLES
* OF A FIELD.  THERE ARE UP TO 24 MONTHS OF INFORMATION AVAILABLE.
* THE DATE IS STORED IN THE FORMAT CCYYMM WHERE CC=CENTURY,
* YY=YEAR, MM=MONTH.
*
* -----
* FL-GAS-ALLOWABLE
* -----
* THE GAS ALLOWABLE IS THE MONTHLY ALLOWABLE ASSIGNED TO A GAS
* FIELD BY THE RRC.
*
* -----
* FL-LIQUID-COND-ALLOWABLE
* -----
* LIQUID CONDENSATE ALLOWABLE IS THE MONTHLY OIL ALLOWABLE
* ASSIGNED TO A GAS FIELD BY THE RAILROAD COMMISSION.  (LIQUID
* CONDENSATE IS THE OIL WHICH IS PRODUCED FROM A GAS WELL.)
*
* -----
* FL-OIL-ALLOWABLE
* -----
* THE OIL ALLOWABLE IS THE MONTHLY ALLOWABLE ASSIGNED TO AN OIL
* FIELD BY THE RRC.
*
* -----
* FL-CASINGHEAD-GAS-LIMIT
* -----
* CASINGHEAD GAS LIMIT IS THE NUMBER OF MCF OF GAS WHICH IS
* ALLOWED TO BE PRODUCED FROM AN OIL WELL.  THIS ALLOWABLE IS
* ASSIGNED BY THE RRC.
* (THIS APPLIES TO BOTH OIL FIELDS AND OIL AND GAS FIELDS.)
*
* -----
* FL-P2-GAS-PRODUCTION
* -----
* THE P2 FORM (PRODUCER'S MONTHLY REPORT OF GAS WELLS) IS FILED
* BY THE OPERATOR INDICATING THE AMOUNT OF GAS WELL GAS PRODUCED
* FOR A FIELD.
*

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* -----
* FL-P2-CONDENSATE-PRODUCTION
* -----
* THE P2 FORM (PRODUCER'S MONTHLY REPORT OF GAS WELLS) IS FILED
* BY THE OPERATOR INDICATING THE AMOUNT OF CONDENSATE (OIL
* WHICH IS PRODUCED FROM A GAS WELL) PRODUCED FOR A FIELD.
*
* -----
* FL-PARTIAL-GAS-WELL-PROD-CD
* -----
* THE PARTIAL GAS WELL PRODUCTION CODE INDICATES HOW MANY
* PRODUCTION REPORTS (P2 FORMS) HAVE BEEN RECEIVED BY THE
* COMMISSION FOR A GAS FIELD.  THE VALUES BELOW INDICATE THE
* STATUS OF REPORTING.
*
*          NO P2 FORMS RECEIVED          VALUE "N"
*          SOME P2 FORMS RECEIVED        VALUE "S"
*          ALL P2 FORMS RECEIVED         VALUE "A"
*          NO GAS WELLS IN FIELD         VALUE "I"
*
* -----
* FL-P1-OIL-PRODUCTION
* -----
* THE P1 FORM (PRODUCER'S MONTHLY REPORT OF OIL WELLS) IS FILED
* BY THE OPERATOR INDICATING THE AMOUNT OF OIL PRODUCTION FOR A
* FIELD.
*
* -----
* FL-P1-CASINGHEAD-PRODUCTION
* -----
* THE P1 FORM (PRODUCER'S MONTHLY REPORT OF OIL WELLS) IS FILED
* BY THE OPERATOR INDICATING THE AMOUNT OF CASINGHEAD GAS (GAS
* PRODUCED FROM AN OIL WELL) PRODUCED FOR A FIELD.
*
* -----
* FL-PARTIAL-OIL-WELL-PROD-CD
* -----
* THE PARTIAL OIL WELL PRODUCTION CODE INDICATES HOW MANY
* PRODUCTION REPORTS (P1 FORM) HAVE BEEN RECEIVED BY THE
* COMMISSION FOR AN OIL FIELD.  THE VALUES BELOW INDICATE THE
* STATUS OF REPORTING.
*
*          NO P1 FORMS RECEIVED          VALUE "N"
*          SOME P1 FORMS RECEIVED        VALUE "S"
*          ALL P1 FORMS RECEIVED         VALUE "A"
*          NO OIL WELLS IN FIELD         VALUE "I"
*
* -----
* FL-DATE-LAST-UPDATED
* -----
* THE DATE ANY ELEMENTS ON THIS RECORD HAVE BEEN UPDATED.  IT IS
* STORED IN A CC/YY/MM/DD FORMAT WHERE CC=CENTURY, YY=YEAR,
* MM=MONTH, AND DD=DAY.
*

```

* -----
 * FL-UNLIMITED-CASINGHEAD-FLAG
 * -----
 * THIS FLAG WILL BE SET TO "Y" IF THE CASINGHEAD PRODUCTION FOR A
 * FIELD IS UNLIMITED; UNLIMITED PRODUCTION IS WHEN A WELL OR FIELD
 * IS ALLOWED TO PRODUCE TO ITS FULL POTENTIAL.
 *
 * -----
 * FL-INCLUDE-DROP-GAS-STATS-FLAG
 * -----
 *
 * THIS FLAG WILL BE SET TO "Y" IF GAS WELL RECORDS EXIST FOR A
 * PARTICULAR MONTH AND A PARTICULAR FIELD THAT HAVE BEEN DROPPED
 * OFF THE GAS MASTER PRODUCTION TAPES AND STORED IN A DIFFERENT
 * LOCATION.
 *
 * (NOTE: THIS DATA ITEM IS FOR ADP INTERNAL USE.)
 *
 * -----
 * FL-INCLUDE-DROP-OIL-STATS-FLAG
 * -----
 *
 * THIS FLAG WILL BE SET TO "Y" IF OIL LEASE RECORDS EXIST FOR A
 * PARTICULAR MONTH AND A PARTICULAR FIELD THAT HAVE BEEN DROPPED
 * OFF THE OIL MASTER PRODUCTION TAPES AND STORED IN A DIFFERENT
 * LOCATION.
 *
 * (NOTE: THIS DATA ITEM IS FOR ADP INTERNAL USE.)
 *
 * -----
 * FL-TOTAL-CALC-RES-AMOUNT
 * -----
 *
 * THE TOTAL RESERVOIR ALLOWABLE ASSIGNED TO THE FIELD CANNOT
 * ALWAYS BE DIVIDED EVENLY AMONG THE WELLS. BECAUSE FRACTIONS
 * ARE NOT ALLOWED, THE TOTAL CALCULATED RESERVOIR ALLOWABLE WILL
 * DIFFER SLIGHTLY FROM THE ASSIGNED RESERVOIR ALLOWABLE.

Field 49(B) Calculations

```

*****
*
*           THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
*           FIELD 49(B) CALCULATIONS.
*
*
* SEGMENT NAME:  CALC49B                               70 BYTES.
*-----*
* VARIABLE                ]          TYPE          ]          SSA          *
* NAME                    ]          ]          NAME          *
*-----*
*****
01 RAILROAD-COMMISSION-TAPE-REC.                                POS.
02 RRC-TAPE-RECORD-ID                                         PIC X(02). 1
02 FL-49B-CALCULATIONS.
*==> 9(6) TO CCYYMMDD.
03 FL-GAS-ALLOW-EFFECTIVE-DATE.
05 FL-GAS-ALLOW-EFFECTIVE-CCYY.
    10 FL-GAS-ALLOW-EFFECTIVE-CC PIC 9(02).                    3
    10 FL-GAS-ALLOW-EFFECTIVE-YY PIC 9(02).                    5
    05 FL-GAS-ALLOW-EFFECTIVE-MM PIC 9(02).                    7
    05 FL-GAS-ALLOW-EFFECTIVE-DD PIC 9(02).                    9
03 FL-RRCID-DETERMINING-WELL PIC 9(06).                        11
03 FILLER PIC X(02).                                           17
03 FL-G-1-GAS-GRAVITY PIC V999.                                19
03 FL-AVG-RESERVOIR-BHP PIC 9(05).                             22
03 FL-AVG-RESERVOIR-BH-TEMP PIC 9(03).                         27
03 FL-FORMATION-VOLUME-FACTOR PIC 9V9(04).                    30
03 FL-SOLUTION-GAS-OIL-RATIO PIC 9(05)V9(04).                 35
03 FL-DEVIATION-FACTOR PIC 9V9(04).                           44
03 FL-TOP-DAILY-GAS-ALLOW-CU-FT PIC 9(11) COMP-3.            49
03 FL-TOP-DAILY-GAS-ALLOW-MCF PIC 9(07) COMP-3.              55
*==* FILLER X(16) TO X(14).
03 FILLER PIC X(14).                                           59
*==* EXPANDED ZERO BYTES.
02 RRC-TAPE-FILLER PIC X(0168). 73

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```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 18 - FIELD 49(B) CALCULATIONS TAPE RECORD
*
* -----
* FL-GAS-ALLOWABLE-EFFECTIVE-DATE
* -----
* THIS IS THE DATE THAT A 49(B) ALLOWABLE BECOMES EFFECTIVE FOR
* GAS WELLS IN AN ASSOCIATED 49(B) FIELD.  THE DATE IS STORED
* IN A FORMAT CC/YY/MM/DD WHERE CC=CENTURY, YY=YEAR, MM=MONTH,
* DD=DAY.
*
* -----
* FL-RRCID-DETERMINING-WELL
* -----
* RRC IDENTIFICATION NUMBER OF THE WELL WHOSE PROPERTIES WERE
* USED FOR THE CALCULATION.
*
* -----
* FL-G-1-GAS-GRAVITY
* -----
* GAS GRAVITY OF THE WELL.
*
* -----
* FL-AVG-RESERVOIR-BHP
* -----
* THE AVERAGE RESERVOIR BOTTOM HOLE PRESSURE OF THE FIRST WELL AT
* GAS-OIL CONTACT; IT IS MEASURED IN POUNDS PER SQUARE INCH
* ATMOSPHERE (PSIA) .
*
* -----
* FL-AVG-RESERVOIR-BH-TEMP
* -----
* THE AVERAGE RESERVOIR BOTTOM HOLE TEMPERATURE OF THE FIRST WELL
* AT GAS-OIL CONTACT; IT IS MEASURED IN DEGREES RANKINE.
*
* -----
* FL-FORMATION-VOLUME-FACTOR
* -----
* THE FORMATION VOLUME FACTOR OF RESERVOIR AT AVERAGE RESERVOIR
* CONDITIONS; THE FORMATION VOLUME FACTOR IS DIMENSIONLESS.
*
* -----
* FL-SOLUTION-GAS-OIL-RATIO
* -----
* A VARIABLE USED TO CALCULATE A 49(B) ALLOWABLE IN AN ASSOCIATED
* 49(B) FIELD.
*

```

* -----
* FL-DEVIATION-FACTOR
* -----
* THE DEVIATION FACTOR OF GAS FROM IDEAL GAS LAWS AT AVERAGE
* RESERVOIR PRESSURE AND TEMPERATURE. (THE DEVIATION FACTOR IS
* DIMENSIONLESS.)
*
* -----
* FL-TOP-DAILY-GAS-ALLOW-CU-FT
* -----
* GAS WELL ALLOWABLE IN CUBIC FEET PER DAY.
*
* -----
* FL-TOP-DAILY-GAS-ALLOW-MCF
* -----
* GAS WELL ALLOWABLE IN THOUSAND CUBIC FEET PER DAY.

Field Oil Information

```

*****
*
*   THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
*   FIELD OIL INFORMATION SEGMENT.
*
*
*
* SEGMENT NAME:  OILSEG                               200 BYTES.
*
-----
* VARIABLE          ]          TYPE          ]          SSA          *
* NAME              ]          ]          NAME          *
*-----
*  FL-OILSEG-KEY    ]          KEY          ]          OLSEGKEY     *
*-----
*****
01  RAILROAD-COMMISSION-TAPE-REC.                      POS.
    02  RRC-TAPE-RECORD-ID                               PIC X(02) . 1
    02  FL-OIL-INFO-SEGMENT.
        03  FL-OILSEG-KEY                               PIC X(01) VALUE 'O'. 3
        03  FL-OIL-DISC-DATE-1ST-WELL.
            05  FL-OIL-DISC-CENTURY-YEAR.
                07  FL-OIL-DISC-CENTURY                PIC 99. 4
                07  FL-OIL-DISC-YEAR                   PIC 99. 6
            05  FL-OIL-DISC-MONTH                       PIC 99. 8
            05  FL-OIL-DISC-DAY                         PIC 99. 10
        03  FL-OIL-DISC-COUNTY-CODE                     PIC 9(03) . 12
        03  FL-OIL-DEPTH-1ST-WELL                       PIC 9(05) . 15
        03  FL-OIL-TESTING-COUNTY                       PIC 9(03) . 20
        03  FL-OIL-1ST-ALTER-TEST-MONTH                 PIC 9(02) . 23
        03  FL-OIL-2ND-ALTER-TEST-MONTH                 PIC 9(02) . 25
        03  FL-OIL-OFFSHORE-CODE                         PIC X(02) . 27
            88  FL-OIL-LAND                               VALUE 'L' .
            88  FL-OIL-BAYS-ESTUARIES                     VALUE 'B' .
            88  FL-OIL-STATE-OFFSHORE                     VALUE 'SO' .
            88  FL-OIL-LAND-BAYS-ESTUARIES                 VALUE 'LB' .
            88  FL-OIL-BAYS-ESTUARIES-OFFSHORE             VALUE 'BO' .
            88  FL-OIL-LAND-BAYS-ESTUARIE-OFFS             VALUE 'AL' .
            88  FL-OIL-STATE-FEDERAL                       VALUE 'SF' .
        03  FL-OIL-SCHEDULE-COLUMN-HDG-CD               PIC X. 29
        03  FL-CUM-OIL-PRODUCTION-TO-CONV               PIC 9(13) COMP-3. 30
        03  FL-CUM-CSHD-PRODUCTION-TO-CONV              PIC 9(13) COMP-3. 37
        03  FL-CUM-OIL-ALLOWABLE-TO-CONV                PIC 9(13) COMP-3. 44
        03  FL-CUM-CSHD-ALLOWABLE-TO-CONV               PIC 9(13) COMP-3. 51
        03  FL-OFF-FILE-CUM-OIL-ALLOWABLE               PIC 9(13) COMP-3. 58
        03  FL-OFF-FILE-CUM-CSHD-ALLOWABLE              PIC 9(13) COMP-3. 65
        03  FL-OFF-FILE-CUM-OIL-PROD                    PIC 9(13) COMP-3. 72
        03  FL-OFF-FILE-CUM-CSHD-PROD                   PIC 9(13) COMP-3. 79
        03  FL-ON-FILE-CUM-OIL-ALLOWABLE                PIC 9(13) COMP-3. 86
        03  FL-ON-FILE-CUM-CSHD-ALLOWABLE               PIC 9(13) COMP-3. 93
        03  FL-ON-FILE-CUM-OIL-PROD                     PIC 9(13) COMP-3. 100
        03  FL-ON-FILE-CUM-CSHD-PROD                    PIC 9(13) COMP-3. 107
        03  FL-YR-TO-DT-CUM-OIL-ALLOWABLE              PIC 9(13) COMP-3. 114
        03  FL-YR-TO-DT-CUM-CSHD-ALLOWABLE              PIC 9(13) COMP-3. 121
        03  FL-YR-TO-DT-CUM-OIL-PROD                    PIC 9(13) COMP-3. 128

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03	FL-YR-TO-DT-CUM-CSHD-PROD	PIC 9(13) COMP-3.	135
03	FL-OIL-LEDGER-MONTH	PIC 9(02).	142
03	FL-OIL-SCHEDULE-LINES-COUNTER	PIC 9(02).	144
03	FL-OIL-ANNUAL-LINES-COUNTER	PIC 9(02).	146
03	FL-ORIGINAL-OIL-IN-PLACE	PIC 9(08).	148
03	FL-OIL-FLD-EB-EXEMPT-FLAG	PIC X VALUE 'N'.	156
	88 FL-FLD-NOT-EXEMPT-FROM-EB	VALUE 'N'.	
	88 FL-FLD-EXEMPT-FROM-EB	VALUE 'Y'.	
03	FL-OIL-SCHEDULE-START-DATE.		
	05 FL-OIL-SCHED-START-CENT-YEAR.		
	07 FL-OIL-SCHED-START-CENTURY	PIC 99.	157
	07 FL-OIL-SCHED-START-YEAR	PIC 99.	159
	05 FL-OIL-SCHED-START-MONTH	PIC 99.	161
	05 FL-OIL-SCHED-START-DAY	PIC 99.	163
03	FL-NEW-FLD-APPRVL-CCYRMODA.		
	05 FL-NEW-FLD-APPRVL-CC	PIC 99 VALUE ZERO.	165
	05 FL-NEW-FLD-APPRVL-YRMODA.		
	10 FL-NEW-FLD-APPRVL-YR	PIC 99 VALUE ZERO.	167
	10 FL-NEW-FLD-APPRVL-MO	PIC 99 VALUE ZERO.	169
	10 FL-NEW-FLD-APPRVL-DA	PIC 99 VALUE ZERO.	171
03	FL-OIL-CONSOLIDATED-FIELD-FLAG	PIC X(01) VALUE SPACES.	173
	88 FL-OIL-CONSOLIDATED-FIELD	VALUE 'Y'.	
03	FILLER	PIC X(29).	174
02	RRC-TAPE-FILLER	PIC X(038).	203

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 19 - OIL FIELD INFORMATION TAPE RECORD
*
* -----
* FL-OIL-DISCOVERY-DATE-1ST-WELL
* -----
* THE DISCOVERY DATE OF THE FIRST WELL IN THE OIL FIELD; IT IS
* FORMATTED IN CC/YY FORMAT WHERE CC=CENTURY, AND YY=YEAR, THEN
* FURTHER BROKEN DOWN INTO MM AND DD FORMAT WHERE MM=MONTH AND
* DD=DAY.
*
* -----
* FL-OIL-DISCOVERY-COUNTY-CODE
* -----
* THE DISCOVERY COUNTY CODE IDENTIFIES THE COUNTY IN WHICH THE
* FIELD WAS DISCOVERED.  THIS CODE IS BASED ON THREE-DIGIT
* NUMBERS:  THE RAILROAD COMMISSION (RRC) ASSIGNS A NUMBER TO EACH
* ONSHORE COUNTY;  THE AMERICAN PETROLEUM INSTITUTE (API) ASSIGNS A
* NUMBER TO EACH OFFSHORE COUNTY.  THE ACTUAL COUNTY CODES ARE
* LISTED IN APPENDIX B.  THE FIRST 254 NUMBERS OF THE CODE ARE ODD,
* AND INDICATE ONSHORE COUNTIES ONLY.  THE REMAINING 23 NUMBERS
* ARE BOTH ODD AND EVEN, AND INDICATE OFFSHORE COUNTIES.
*
* -----
* FL-OIL-DEPTH-1ST-WELL
* -----
* THE DEPTH AT WHICH THE PERFORATION WAS MADE IN THE CASING
* OF THE FIRST WELL IN THE FIELD.
*
* PERFORATING IS THE PROCESS OF PIERCING THE CASING WALLS AND
* CEMENT AT A PARTICULAR DEPTH TO PROVIDE HOLES FOR THE FLOW
* OF FORMATION FLUIDS (OIL, GAS, ETC.) OUT OF THE RESERVOIR
* AND INTO THE WELLBORE.
*
* -----
* FL-OIL-TESTING-COUNTY
* -----
* THE TESTING COUNTY IS THE COUNTY IN WHICH THE FIELD IS TESTING.
* (STATEWIDE RULE 53 REQUIRES OPERATORS TO CONDUCT TESTS WHICH
* SUPPLY OIL WELL STATUS INFORMATION TO THE RRC.  THIS INFORMATION
* IS REPORTED ON THE W-10 FORM.)  THE COUNTY IS IDENTIFIED BY A
* THREE-DIGIT ODD NUMBER.  SEE APPENDIX B FOR THE ACTUAL COUNTY
* CODES.  THE FIRST 254 COUNTIES ARE ONSHORE AND HAVE ONLY ODD
* NUMBERS;  THE FINAL 23 ARE OFFSHORE COUNTIES AND HAVE BOTH ODD
* AND EVEN NUMBERS.
*
* -----

```

* FL-OIL-1ST-ALTER-TEST-MONTH
 * FL-OIL-2ND-ALTER-TEST-MONTH
 * -----
 * IF THE FIELD CANNOT TEST IN THE PRIMARY TESTING MONTHS
 * OF THE TEST COUNTY, ALTERNATE TEST MONTHS MAY BE
 * ESTABLISHED. IF A FIELD IS TESTING IN AN ALTERNATE MONTH,
 * A VALUE OF 01 THROUGH 12 (REPRESENT THE MONTHS OF THE YEAR)
 * WILL INDICATE THE MONTH THE FIELD TESTED. IF THE VALUE "0"
 * (ZERO) IS PRESENT, THE FIELD TESTS WITHIN TEST THE TEST
 * COUNTY'S PRIMARY CYCLE.
 *
 * -----
 * FL-OIL-OFFSHORE-CODE
 * -----
 * THE OFFSHORE CODE INDICATES THE GEOGRAPHIC SURFACE OF A FIELD
 * USING THE LOCATION OF THE DISCOVERY WELL AS A POINT OF
 * REFERENCE. THE STATE OF TEXAS' OFFSHORE ENCOMPASSES THE AREA IN
 * THE GULF OF MEXICO FROM THE COASTLINE TO THREE LEAGUES (APPROX.
 * 10 MILES) OUT INTO THE GULF.
 *
 * LAND VALUE "L"
 * BAYS-ESTUARIES VALUE "B"
 * STATE-OFFSHORE VALUE "SO"
 * LAND-BAYS-ESTUARIES VALUE "LB"
 * BAYS-ESTUARIES-OFFSHORE VALUE "BO"
 * LAND-BAYS-ESTUARIES-OFFSHORE VALUE "AL"
 * STATE-FEDERAL VALUE "SF"
 *
 * -----
 * FL-OIL-SCHEDULE-COLUMN-HDG-CD
 * -----
 * THE OIL SCHEDULE COLUMN HEADING CODE DETERMINES HOW COLUMNS
 * WILL BE PRINTED ON THE SCHEDULE. SEE APPENDIX D FOR OIL SCHEDULE
 * HEADING CODES. THIS DATA ITEM IS FOR RAILROAD COMMISSION
 * INTERNAL USE.
 *
 * -----
 * FL-CUM-OIL-PRODUCTION-TO-CONV
 * -----
 * THE CUMULATIVE TOTAL OF ACTUAL OIL PRODUCED FROM 1970 TO
 * DECEMBER 1982.
 *
 * THIS REFLECTS INFORMATION THAT WAS STORED ON TAPES IN A LUMP
 * SUM AMOUNT AT THE TIME OF THE CONVERSION TO THE FIELD SYSTEM.
 * NOTE: THE TOTAL DOES NOT INCLUDE PRODUCTION FROM RETRO P-1
 * REPORTS (PRODUCER'S MONTHLY REPORT OF OIL WELLS WHICH WERE
 * SUBMITTED TO THE COMMISSION 12 MONTHS OR MORE AFTER THE
 * ORIGINAL REPORT WAS FILED).
 *
 * -----
 * FL-CUM-CSHD-PRODUCTION-TO-CONV
 * -----
 * THE CUMULATIVE TOTAL OF ACTUAL CASINGHEAD GAS PRODUCED FROM 1970
 * TO DECEMBER 1982.
 *
 * THIS REFLECTS INFORMATION THAT WAS STORED ON TAPES IN A LUMP
 * SUM AMOUNT AT THE TIME OF THE CONVERSION TO THE FIELD SYSTEM.

* NOTE: THE TOTAL DOES NOT INCLUDE PRODUCTION FROM RETRO P-1
* REPORTS (PRODUCER'S MONTHLY REPORT OF OIL WELLS WHICH WERE
* SUBMITTED TO THE COMMISSION 12 MONTHS OR MORE AFTER THE
* ORIGINAL REPORT WAS FILED).

* -----
* FL-CUM-OIL-ALLOWABLE-TO-CONV
* -----

* THE CUMULATIVE TOTAL OF OIL ALLOWABLE FROM 1970 TO
* DECEMBER 1982.

* THIS REFLECTS INFORMATION THAT WAS STORED ON TAPES IN A LUMP
* SUM AMOUNT AT THE TIME OF THE CONVERSION TO THE FIELD SYSTEM.

* -----
* FL-CUM-CSHD-ALLOWABLE-TO-CONV
* -----

* THE CUMULATIVE TOTAL OF CASINGHEAD GAS ALLOWABLE (LIMIT) FROM
* 1970 TO DECEMBER 1982.

* THIS REFLECTS INFORMATION THAT WAS STORED ON TAPES IN A LUMP
* SUM AMOUNT AT THE TIME OF THE CONVERSION TO THE FIELD SYSTEM.

* -----
* FL-OFF-FILE-CUM-OIL-ALLOWABLE
* -----

* THE CUMULATIVE OIL ALLOWABLE PRIOR TO THE 26 MONTHS CURRENTLY
* STORED ON THE COMPUTER. THIS INFORMATION IS AVAILABLE IN THE
* FORM OF A TOTAL FIGURE. THE INFORMATION WILL ONLY REFLECT AS
* FAR BACK AS JANUARY 1983. INFORMATION PRIOR TO THAT WILL BE
* FOUND IN FL-CUM-OIL-ALLOWABLE-TO-CONV TOTALS.

* -----
* FL-OFF-FILE-CUM-CSHD-ALLOWABLE
* -----

* THE CUMULATIVE CASINGHEAD GAS ALLOWABLE PRIOR TO THE 26 MONTHS
* CURRENTLY STORED IN THE COMPUTER. THIS INFORMATION IS AVAIL-
* IN THE FORM OF A TOTAL FIGURE. THE INFORMATION WILL ONLY
* REFLECT AS FAR BACK AS JANUARY 1983. INFORMATION PRIOR TO
* THAT DATE WILL BE FOUND IN FL-CUM-CSHD-ALLOWABLE-TO-CONV TOTALS.

* -----
* FL-OFF-FILE-CUM-OIL-PROD
* -----

* THE CUMULATIVE OIL PRODUCTION PRIOR TO THE 24 MONTHS CURRENTLY
* STORED IN THE COMPUTER. THIS INFORMATION IS AVAILABLE IN THE
* FORM OF A TOTAL FIGURE. THE INFORMATION WILL ONLY REFLECT AS FAR
* BACK AS JANUARY 1983. INFORMATION PRIOR TO THAT DATE WILL BE
* FOUND IN FL-CUM-OIL-PRODUCTION-T0-CONV TOTALS.
* (NOTE: THE OFF-FILE CUMULATIVE TOTALS INCLUDE ALL RETRO P1
* REPORTS.)

* -----
* FL-OFF-FILE-CUM-CSHD-PROD
* -----

* THE CUMULATIVE CASINGHEAD GAS PRODUCTION PRIOR TO THE 24 MONTHS
* CURRENTLY STORED ON THE COMPUTER. THIS INFORMATION IS AVAILABLE

* IN THE FORM OF A TOTAL FIGURE. THE INFORMATION WILL ONLY REFLECT
* AS FAR BACK AS JANUARY 1983. INFORMATION PRIOR TO THAT DATE
* WILL BE FOUND IN FL-CUM-CSHD-PRODUCTION-TO-CONV TOTALS.
* (NOTE: THE OFF-FILE CUMULATIVE TOTALS INCLUDE ALL RETRO P1
* REPORTS.)

* -----
* FL-ON-FILE-CUM-OIL-ALLOWABLE
* -----

* THE LATEST 24 MONTHS OF OIL ALLOWABLE. BECAUSE PRODUCTION
* REPORTING LAGS TWO MONTHS BEHIND CURRENT ALLOWABLES, THIS
* TOTAL DOES NOT INCLUDE THE LAST TWO MONTHS OF ALLOWABLES;
* THEREFORE, THIS DATA ITEM CAN BE DIRECTLY COMPARED TO
* FL-ON-FILE-CUM-OIL-PROD.

* -----
* FL-ON-FILE-CUM-CSHD-ALLOWABLE
* -----

* THE LATEST 24 MONTHS OF CASINGHEAD ALLOWABLE. BECAUSE PRODUC-
* TION REPORTING LAGS TWO MONTHS BEHIND CURRENT ALLOWABLES, THIS
* TOTAL DOES NOT INCLUDE THE LAST TWO MONTHS OF ALLOWABLES;
* THEREFORE, THIS DATA ITEM CAN BE DIRECTLY COMPARED TO
* FL-ON-FILE-CUM-CSHD-PROD.

* -----
* FL-ON-FILE-CUM-OIL-PROD
* -----

* THE LATEST 24 MONTHS OF REPORTED OIL PRODUCTION. THIS TOTAL
* WILL USUALLY LAG 2 MONTHS BEHIND THE CURRENT MONTH.

* -----
* FL-ON-FILE-CUM-CSHD-PROD
* -----

* THE LATEST 24 MONTHS OF REPORTED CASINGHEAD GAS PRODUCTION. THIS
* TOTAL WILL LAG TWO MONTHS BEHIND THE CURRENT MONTH.

* -----
* FL-YR-TO-DT-CUM-OIL-ALLOWABLE
* -----

* OIL ALLOWABLE FOR THE CURRENT YEAR FOR A FIELD. THE LATEST
* TWO MONTHS OF ALLOWABLES ARE NOT INCLUDED IN THE TOTAL.

* -----
* FL-YR-TO-DT-CUM-CSHD-ALLOWABLE
* -----

* CASINGHEAD ALLOWABLE FOR CURRENT YEAR FOR A FIELD. THE LATEST
* TWO MONTHS OF ALLOWABLES ARE NOT INCLUDED IN THE TOTAL.

* -----
* FL-YR-TO-DT-CUM-OIL-PROD
* -----

* REPORTED OIL PRODUCTION FOR CURRENT YEAR FOR A FIELD. THIS
* TOTAL WILL USUALLY LAG TWO MONTHS BEHIND THE CURRENT MONTH.

* -----
* FL-YR-TO-DT-CUM-CSHD-PROD
* -----

* REPORTED CASINGHEAD GAS PRODUCTION FOR CURRENT YEAR FOR A FIELD.
* THIS TOTAL WILL USUALLY LAG TWO MONTHS BEHIND THE CURRENT
* MONTH.

* -----
* FL-OIL-LEDGER-MONTH
* -----

* THE CURRENT LEDGER MONTH. DESIGNATES THE MOST CURRENT MONTH
* OF PRODUCTION FOR WHICH THE RRC HAS RECEIVED PRODUCTION REPORTS.
* USUALLY, REPORTING LAGS TWO MONTHS BEHIND THE ACTUAL MONTH.

* (NOTE: THIS IS FOR ADP INTERNAL USE.)

* -----
* FL-OIL-SCHEDULE-LINES-COUNTER
* -----

* THE OIL SCHEDULE LINES COUNTER IS USED BY THE AUTOMATIC
* DATA PROCESSING DIVISION TO INDICATE HOW MANY REMARK LINES
* WILL BE PRINTED ON THE OIL SCHEDULE.

* -----
* FL-OIL-ANNUAL-LINES-COUNTER
* -----

* THE OIL ANNUAL LINES COUNTER IS USED BY THE AUTOMATIC
* DATA PROCESSING DIVISION TO INDICATE HOW MANY REMARK LINES
* WILL BE PRINTED ON THE OIL ANNUAL REPORT.

* -----
* FL-ORIGINAL-OIL-IN-PLACE
* -----

* A CALCULATED NUMBER THAT IS BASED ON THE RESERVE AMOUNT IN
* THE FIELD PRIOR TO PRODUCTION OF THE FIELD. THIS DATA ITEM
* IS SPECIFIC TO AN ALLOCATION FORMULA.

* THIS DATA ITEM IS NOT CURRENTLY BEING USED BY THE COMMISSION.

* -----
* FL-OIL-FLD-EB-EXEMPT-FLAG
* -----

* A FLAG TO NOTE WHETHER OR NOT THE FIELD IS EXEMPT TO THE
* ENDING BALANCE CALCULATE ROUTINE. THIS DATA ITEM APPLIES
* SPECIFICALLY TO FIELDS LIMITED BY PRODUCTION.

* A "Y" IN THIS FIELD MEANS THE FIELD IS EXEMPT, AND AN "N"
* IN THIS FIELD MEANS THE FIELD IS NOT EXEMPT.

* -----
* FL-OIL-SCHEDULE-START-DATE
* -----

* THIS DATE INDICATES THE CENTURY, YEAR, MONTH AND DAY THE
* FIELD FIRST APPEARED ON THE OIL PRORATION SCHEDULE.

Field Oil Cycle Information

```

*****
*
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* FIELD OIL CYCLE SEGMENT.
*
*
*
* SEGMENT NAME: OILCYCLE LENGTH: 35 BYTES
*
*-----*
* VARIABLE ] TYPE ] SSA ]
* NAME ] NAME ]
*-----*
* FL-OIL-CYCLE-KEY ] KEY ] OILCYCKY ]
*-----*
*****

```

01	RAILROAD-COMMISSION-TAPE-REC.				POS.
02	RRC-TAPE-RECORD-ID	PIC X(02).			1
02	FL-OIL-CYCLE-SEGMENT.				
03	FL-OIL-CYCLE-KEY	PIC 9(04)	VALUE ZEROS.		3
03	FL-OIL-TYPE-FIELD-CODE	PIC X(01)	VALUE SPACES.		7
	88 FL-REGULAR		VALUE 'R'.		
	88 FL-NPX		VALUE 'N'.		
	88 FL-RESERVOIR-MER		VALUE 'M'.		
	88 FL-INACTIVE		VALUE 'I'.		
	88 FL-SALT-DOME		VALUE 'S'.		
	88 FL-COUNTY-REGULAR-FIELD		VALUE 'C'.		
03	FL-YARDSTICK	PIC X(01)	VALUE SPACES.		8
	88 FL-47-YARDSTICK		VALUE 'A'.		
	88 FL-65-YARDSTICK		VALUE 'B'.		
	88 FL-OFFSHORE-YARDSTICK		VALUE 'C'.		
	88 FL-DISCOVERY-ALLOWABLE		VALUE 'N'.		
	88 FL-NO-YARDSTICK		VALUE 'X'.		
03	FL-REGULAR-ALLOW-CALC-FLAG	PIC X(01)	VALUE 'Y'.		9
	88 FL-REGULAR-ALLOW-CALC		VALUE 'Y'.		
	88 FL-NO-REGULAR-ALLOW-CALC		VALUE 'N'.		
03	FL-OIL-TOP-ALLOWABLE-CD	PIC X(01)	VALUE SPACES.		10
	88 FL-REGULAR-TOP-ALLOW		VALUE 'R'.		
	88 FL-MER-TOP-ALLOW		VALUE 'M'.		
03	FL-OIL-TOP-ALLOWABLE-AMT	PIC S9(06)	COMP-3		11
			VALUE ZEROS.		
03	FL-OIL-RES-MER-AMOUNT	PIC S9(06)	COMP-3		15
			VALUE ZEROS.		
03	FL-OIL-COUNTY-REGULAR-FLAG	PIC X	VALUE 'N'.		19
	88 FL-OIL-COUNTY-REGULAR-CALC		VALUE 'Y'.		
03	FILLER	PIC X(18)	VALUE ZEROS.		20
02	RRC-TAPE-FILLER	PIC X(0203).			38

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 20 - FIELD OIL CYCLE INFORMATION TAPE RECORD
*
* -----
* FL-OIL-TOP-ALLOWABLE-CD
* -----
* THIS DATA ITEM INDICATES WHETHER THE OIL FIELD HAS A REGULAR
* TOP ALLOWABLE OR IS ALLOWED A MAXIMUM EFFICIENCY RATE (MER) .
* THE VALUES BELOW INDENTIFY THE TYPE ALLOWABLE ALLOCATED TO THE
* FIELD.
*
* REGULAR TOP ALLOWABLE          VALUE "R"
* MAXIMUM EFFICIENCY RATE (MER)  VALUE "M"
*
* TOP ALLOWABLES FOR A REGULAR FIELD ARE DETERMINED BY YARDSTICK
* SCHEDULES SET BY THE RAILROAD COMMISSION.  YARDSTICKS ARE
* SCHEDULES THAT DETERMINE A WELL'S ALLOWABLE BASED ON WELL DEPTH
* AND NUMBER OF ACRES ASSIGNED TO EACH WELL IN THE FIELD.  EACH
* WELL IN THE FIELD IS ASSIGNED A TOP ALLOWABLE.  THREE YARDSTICK
* SCHEDULES ARE USED: THE 1947 YARDSTICK, THE 1967 YARDSTICK AND
* THE 1966 YARDSTICK (USED FOR OFFSHORE FIELDS ONLY).  NOTE:  IF
* A WELL IS LOCATED IN AN NPX FIELD (NEW POOLED EXEMPT LOCATED IN
* A NEW FIELD DISCOVERY), THE TOP ALLOWABLE IS BASED ON THE NPX
* TABLES.
*
* A MAXIMUM EFFICIENCY RATE (MER) ALLOWABLE IS DETERMINED BY A
* HEARING WHEN AN OPERATOR CAN PROVIDE EVIDENCE THAT A FIELD
* IS PRODUCING HIGHER OR LOWER THAN THE RATE INDICATED IN THE
* YARDSTICK SCHEDULES.  THE ALLOWABLE IS PRORATED AMONG ALL THE
* WELLS IN THE FIELD.
*
* -----
* FL-OIL-TOP-ALLOWABLE-AMT
* -----
* THE OIL TOP ALLOWABLE AMOUNT IS THE HIGHEST AMOUNT A WELL IN A
* FIELD IS GRANTED TO PRODUCE.  THIS AMOUNT IS GRANTED BY THE RRC.
*

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Field Oil Rules

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*****
* FLW700I1
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* FIELD OIL RULES SEGMENT.
*
* SEGMENT NAME: OLFLDRUL 231 BYTES
*
*-----*
* VARIABLE ] TYPE ] SSA ]
* NAME ] NAME ]
*-----*
* FL-OIL-RULE-EFFECTIVE-KEY ] KEY ] OLRULDTE ]
* FL-OIL-PRORATION-EFF-DATE ] SEARCH ] OLPRODTE ]
* FL-OIL-DOCKET-NUMBER ] SEARCH ] OLDOCKET ]
*-----*
*****

```

01	RAILROAD-COMMISSION-TAPE-REC.			POS.
02	RRC-TAPE-RECORD-ID		PIC X(02).	1
02	FL-OIL-FIELD-RULES.			
03	FL-OIL-RULE-EFFECTIVE-KEY		PIC 9(8).	3
03	FL-OIL-PRORATION-EFF-DATE.			
05	FL-OIL-PRORATION-EFF-CCYY.			
10	FL-OIL-PRORATION-EFF-CENTURY		PIC 99.	11
10	FL-OIL-PRORATION-EFF-YEAR		PIC 99.	13
05	FL-OIL-PRORATION-EFF-MONTH		PIC 99.	15
05	FL-OIL-PRORATION-EFF-DAY		PIC 99.	17
03	FL-OIL-RULE-SUSPEND-DATE.			
05	FL-OIL-RULE-SUSPEND-CCYY.			
10	FL-OIL-RULE-SUSPEND-CENTURY		PIC 99.	19
10	FL-OIL-RULE-SUSPEND-YEAR		PIC 99.	21
05	FL-OIL-RULE-SUSPEND-MONTH		PIC 99.	23
05	FL-OIL-RULE-SUSPEND-DAY		PIC 99.	25
03	FILLER	VALUE ZEROS	PIC X(08).	27
03	FL-OIL-DOCKET-SUFFIX		PIC X(03).	35
03	FL-OIL-SPACING-TO-LEASE-LINE		PIC 9(04).	38
03	FL-OIL-SPACING-TO-WELL		PIC 9(04).	42
03	FL-OIL-ACRES-PER-UNIT		PIC 9(04)V99.	46
03	FL-OIL-TOLERANCE-ACRES-CODE		PIC X(01).	52
88	TOLERANCE-LAST-WELL	VALUE 'L'.		
88	TOLERANCE-EACH-WELL	VALUE 'E'.		
03	FL-OIL-TOLERANCE-ACRES		PIC 9(03)V99.	53
03	FL-OIL-CASING-CODE		PIC X(01).	58
88	FL-OIL-CASING-BASED-ON-RULES	VALUE 'F'.		
88	FL-OIL-CASING-BASED-ON-TDWR	VALUE 'W'.		
03	FL-OIL-CASING-DEPTH		PIC 9(05).	59
03	FL-OIL-CASING-REMARKS		PIC X(32).	64
03	FL-OIL-DIAGONAL-CODE		PIC X(02).	96
88	FL-OIL-CORNER-CORNER-DIAGONAL	VALUE 'CC'.		
88	FL-OIL-WELL-CORNER-DIAGONAL	VALUE 'WC'.		
03	FL-OIL-DIAGONAL		PIC 9(05).	98
03	FL-OIL-DIAGONAL-REMARKS		PIC X(21).	103
03	FL-OIL-ALLOCATION-CODE		PIC X(1).	124
03	FL-OIL-FIELD-TEXT		PIC X(60).	125
03	FL-OIL-DOCKET-NUMBER		PIC X(10).	185

03	FILLER REDEFINES FL-OIL-DOCKET-NUMBER.		
	05 FL-OIL-NEW-DOCKET-DISTRICT	PIC X(02).	
	05 FILLER	PIC X(01).	
	05 FL-OIL-NEW-DOCKET-ASSIGNED-NBR	PIC 9(07).	
03	FILLER REDEFINES FL-OIL-DOCKET-NUMBER.		
	05 FL-OIL-DOCKET-DISTRICT	PIC X(02).	
	05 FILLER	PIC X(01).	
	05 FL-OIL-DOCKET-ASSIGNED-NUMBER	PIC 9(05).	
	05 FILLER	PIC X(02).	
03	FL-OIL-RULES-NOT-RELIABLE-FLAG	PIC X(01) VALUE SPACES.	195
	88 FL-OIL-RULES-NOT-RELIABLE	VALUE 'Y'.	
03	FILLER	PIC X(38) VALUE ZEROS.	196
02	RRC-TAPE-FILLER	PIC X(0007).	234

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* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 21 - OIL FIELD RULES TAPE RECORD
*
* -----
* FL-OIL-RULE-EFFECTIVE-KEY
* -----
* THE OIL RULE EFFECTIVE KEY IS USED TO ACCESS INFORMATION
* CONCERNING THE DENSITY REQUIREMENTS OF A OIL FIELD.  THE
* KEY IS DERIVED BY SUBTRACTING THE EFFECTIVE FIELD RULE
* DATE FROM 999999.  THE DATE IS STORED IN A FORMAT YY/MM/DD
* WHERE YY=YEAR, MM=MONTH, AND DD=DAY.
*
* -----
* FL-OIL-PRORATION-EFFECTIVE-DATE
* -----
* THE OIL PRORATION EFFECTIVE DATE INDICATES THE DATE THE
* ALLOCATION FORMULA BECOMES EFFECTIVE FOR OIL PRORATED FIELDS.
* THIS DATE IS STORED IN THE CCYYMMDD FORMAT.
*
* -----
* FL-OIL-RULE-SUSPENDED-DATE
* -----
* THE OIL RULE SUSPENDED DATE INDICATES IN CENTURY, YEAR, MONTH
* AND DAY FORMAT WHEN THE FIELD RULES WERE RESCINDED FOR A OIL
* FIELD.
*
* -----
* FILLER
* -----
* THIS EIGHT DIGITS CONTAINED THE DOCKET NUMBER PRIOR TO THE DATA
* FIELD BEING EXPANDED TO TEN DIGITS.
*
* -----
* FL-OIL-DOCKET-SUFFIX
* -----
* THE OIL DOCKET SUFFIX IS A UNIQUE THREE-BYTE FIELD USED TO
* CATEGORIZE THE DOCKET.
*
* -----
* FL-OIL-SPACING-TO-LEASE-LINE
* -----
* THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE WELL BE
* 467 FEET FROM THE LEASE LINE, 1200 FEET FROM WELL TO WELL, AND
* 40 ACRES PER UNIT.  AN OPERATOR MAY REQUEST THE SCHEDULING OF A
* HEARING IF HE FEELS AN EXCEPTION TO THE STATEWIDE SPACING RULE
* IS WARRANTED.  THIS DATA ITEM INDICATES THE DISTANCE A WELL MUST
* BE FROM THE NEAREST LEASE LINE.

```

*
* -----
* FL-OIL-SPACING-TO-WELL
* -----
* THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE DISTANCE
* OF A WELL BE 467 FEET FROM THE LEASE LINE, 1200 FEET FROM WELL
* TO WELL, AND 40 ACRES PER UNIT. AN OPERATOR MAY REQUEST THE
* SCHEDULING OF A HEARING IF HE FEELS AN EXCEPTION TO THE
* STATEWIDE SPACING RULE ARE WARRANTED. THIS DATA ITEM INDICATES
* THE DISTANCE A WELL MUST BE FROM THE NEAREST WELL.
*
* -----
* FL-OIL-ACRES-PER-UNIT
* -----
* THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE DISTANCE
* OF A WELL BE 467 FEET FROM THE LEASE LINE, 1200 FEET FROM WELL
* TO WELL, AND 40 ACRES PER UNIT. AN OPERATOR MAY REQUEST THE
* SCHEDULING OF A HEARING IF HE FEELS AN EXCEPTION TO THE
* STATEWIDE SPACING RULE IS WARRANTED. THIS DATA ITEM INDICATES
* THE NUMBER OF ACRES THAT MUST BE ASSIGNED TO EACH PRORATION UNIT
* (THE MINIMUM ACREAGE UPON WHICH ONE WELL MAY BE DRILLED).
*
* -----
* FL-OIL-TOLERANCE-ACRES-CODE
* -----
* THE OIL TOLERANCE ACRES CODE IDENTIFIES WHICH WELL(S) WILL
* RECEIVE THE EXCESS ACREAGE. THE VALUES BELOW DETERMINE IF THE
* LAST WELL IN THE FIELD OR IF EACH WELL WILL RECEIVE ACREAGE.
*
* TOLERANCE LAST WELL VALUE "L"
* TOLERANCE EACH WELL VALUE "E"
*
* -----
* FL-OIL-TOLERANCE-ACRES
* -----
* THIS DATA ITEM INDICATES THE ACREAGE REMAINING IN A LEASE AFTER
* A WELL HAS BEEN DRILLED AND COMPLETED ON EACH PRORATION UNIT
* (THE ACREAGE ASSIGNED TO EACH WELL) IN A FIELD. SOMETIMES THE
* ACREAGE IN A LEASE CANNOT BE DIVIDED EXACTLY BY THE AMOUNT
* SPECIFIED AS THE STANDARD UNIT. THE OPERATOR WILL THEN REQUEST
* THAT THE EXCESS ACREAGE BE ALLOCATED TO THE LAST WELL DRILLED OR
* DIVIDED AMONG THE OTHER WELLS IN THE LEASE.
*
* -----
* FL-OIL-CASING-CODE
* -----
* THE OIL CASING CODE INDICATES THE BASIS OF THE CASING REQUIRE-
* MENTS. IF THE CODE IS "F", THE CASING REQUIREMENTS ARE
* SPECIFIED BY THE FIELD RULES. IF THE CODE IS "W", THE CASING
* REQUIREMENTS ARE SPECIFIED BY THE TEXAS DEPARTMENT OF WATER
* RESOURCES.
*
* -----
* FL-OIL-CASING-DEPTH
* -----
* THE DEPTH, IN FEET, THAT THE CASING OF THE DISCOVERY WELL WAS
* SET FOR THIS FIELD.

*
* -----
* FL-OIL-CASING-REMARKS
* -----
* OIL CASING REMARKS ARE FREE-FORM REMARKS MADE BY PRORATION
* ANALYST CONCERNING THE CASING IN AN OIL WELL.
*
* -----
* FL-OIL-DIAGONAL-CODE
* -----
* INDICATES THE METHOD USED TO MEASURE THE DIAGONAL. IF THE CODE
* IS "CC", THE DIAGONAL IS MEASURED FROM CORNER TO CORNER. IF THE
* CODE IS "WC", THE DIAGONAL IS MEASURED FROM WELL TO CORNER.
*
* -----
* FL-OIL-DIAGONAL
* -----
* THE DIAGONAL IS A MEASUREMENT FROM WELL TO NEAREST CORNER OF THE
* PRORATION UNIT (ACREAGE ASSIGNED TO EACH WELL) OR FROM CORNER TO
* CORNER OF THE PRORATION UNIT. THE PURPOSE OF THE DIAGONAL
* MEASUREMENT IS TO CREATE UNITS OF ACREAGE OF A CERTAIN MINIMUM
* SIZE UPON WHICH ONE WELL MAY BE DRILLED. BY DETERMINING THE MOST
* REASONABLE PATTERN OF DEVELOPMENT IN A FIELD, THE CORRELATIVE
* RIGHTS OF ALL OPERATORS CAN BE PROTECTED AND PHYSICAL WASTE
* PREVENTED.
*
* -----
* FL-OIL-DIAGONAL-REMARKS
* -----
* THIS DATA ITEM CONTAINS FREE-FORM REMARKS MADE BY THE PRORATION
* ANALYST CONCERNING THE DIAGONAL OF A FIELD.
*
* -----
* FL-OIL-ALLOCATION-CODE
* -----
* FL-OIL-ALLOCATION-CODE INDICATES THE ALLOCATION FORMULA FOR A
* PRORATED OIL FIELD. SEE APPENDIX D FOR THE ACTUAL CODE.
*
* NOTE: THIS IS FOR ADP INTERNAL USE.
*
* -----
* FL-OIL-FIELD-TEXT
* -----
* OIL FIELD TEXT IS FREE-FORM REMARKS MADE BY A PRORATION ANALYST
* CONCERNING AN OIL FIELD.
*
* -----
* FL-OIL-DOCKET-NUMBER
* -----
* THE OIL DOCKET NUMBER IS ASSIGNED BY THE RAILROAD COMMISSION,
* AND IDENTIFIES THE DOCKET THAT IS ASSOCIATED WITH THE FIELD
* RULES.
*

Field Oil Allocation Formula

```

*****
*
*           THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
*           FIELD OIL ALLOCATION FORMULA.
*
*
* SEGMENT NAME:  OILAFORM
*
*-----*
* VARIABLE          ]           TYPE          ]     SSA     *
* NAME              ]           ]           NAME     *
*-----*
*****

```

```

01  RAILROAD-COMMISSION-TAPE-REC.                                POS.
02  RRC-TAPE-RECORD-ID                                          PIC X(02) . 1
02  FL-OIL-ALLOCATION-FORMULA.
03  FL-OIL-ALLOW-PERCENT-FACTOR    PIC 9V99.                3
03  FL-OIL-ALLOCATION-FCTR-CODE     PIC 9(02) .                6
03  FILLER                          PIC X(18) .                8
02  RRC-TAPE-FILLER                                          PIC X(0215) . 26

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* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    22  -  OIL FIELD ALLOCATION FORMULA TAPE RECORD
*
* -----
* FL-OIL-ALLOW-PERCENT-FACTOR
* -----
* THE ALLOCATION FORMULA REPRESENTS A METHOD OF ASSIGNING ALLOW-
* ABLES TO WELLS.  THE INTENT BEHIND ASSIGNING WELL ALLOWABLES IS
* TO PREVENT THE WASTE OF PETROLEUM RESOURCES AND TO PROTECT THE
* RIGHTS OF ALL OPERATORS IN THE FIELD (I.E. EACH OPERATOR IS
* ENTITLED TO A FAIR SHARE OF THE PETROLEUM).  A WELL ALLOWABLE
* DEFINES THE AMOUNT A WELL IS AUTHORIZED TO PRODUCE; IT IS
* GENERALLY ASSIGNED ON A MONTHLY BASIS.
*
* THERE ARE VARIOUS FACTORS USED IN THE ALLOCATION FORMULA TO
* DETERMINE THE ALLOWABLE FOR A WELL.  THE OIL ALLOWABLE PERCENT
* FACTOR IS THE WEIGHT (PERCENTAGE) GIVEN TO A FACTOR IN THE
* ALLOCATION FORMULA BASED ON THE VALUES LISTED UNDER THE OIL
* ALLOCATION FACTOR CODE.
*
* -----
* FL-OIL-ALLOCATION-FCTR-CODE
* -----
* THE OIL ALLOCATION FACTOR CODE DESCRIBES THE FACTORS USED IN
* THE ALLOCATION FORMULA.  NOTE:  IF MORE INFORMATION IS
* NEEDED CONCERNING ALLOCATION FACTORS, PLEASE CONTACT A
* PRORATION ANALYST IN THE OIL AND GAS DIVISION AT THE RRC.
*
*    01 ==> PER WELL
*    02 ==> ACRES
*    03 ==> ACRE FEET
*    04 ==> BHP
*    05 ==> ORIGINAL POTENTIAL
*    06 ==> CURRENT POTENTIAL
*    07 ==> ACRE POUNDS (ACRES X BHP)
*    08 ==> COUNTY REGULAR
*    09 ==> YARDSTICK (47)
*    10 ==> YARDSTICK (65)
*    11 ==> ROCK PRESSURE
*    12 ==> ACRE FOOT POUNDS

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Field Oil Remarks

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*****
*
*          THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
*          FIELD OIL REMARKS SEGMENT.
*
*
* SEGMENT NAME:  OILRMRKS                      100 BYTES.
*-----*
* VARIABLE      |          TYPE          |          SSA          *
* NAME          |          |          NAME          *
*-----*
*  FL-OIL-REMARK-KEY      |  KEY          |  OLREMKEY
*  FL-OIL-REMARK-NUMBER  |  SEARCH       |  OLRMKNO
*  FL-OIL-REMARK-LINE-NO |  SEARCH       |  OLLINENO
*-----*
*-- EXPAND REMARK KEY, REARRANGE LAYOUT          KEN 10/30/2008 - *
*****
01  RAILROAD-COMMISSION-TAPE-REC.                      POS
    02  RRC-TAPE-RECORD-ID                          PIC X(02).          1
    02  FL-OIL-REMARKS.
        03  FL-OIL-REMARK-KEY.
            05  FL-OIL-REMARK-NUMBER          PIC 9(03)  VALUE ZEROS.  3
            05  FL-OIL-REMARK-LINE-NO        PIC 9(03)  VALUE ZEROS.  6
        03  FL-OIL-REMARK-PRINT-FLAGS.
            05  FL-OIL-PRINT-ANNUAL-FLAG     PIC X(01).          9
            88  FL-OIL-PRINT-ON-ANNUAL          VALUE 'Y'.
            88  FL-OIL-NO-PRINT-ON-ANNUAL     VALUE 'N'.
            05  FL-OIL-PRINT-LEDGER-FLAG      PIC X(01).          10
            88  FL-OIL-PRINT-ON-LEDGER          VALUE 'Y'.
            88  FL-OIL-NO-PRINT-ON-LEDGER     VALUE 'N'.
            05  FL-OIL-PRINT-SCHEDULE-FLAG    PIC X(01).          11
            88  FL-OIL-PRINT-ON-SCHEDULE      VALUE 'Y'.
            88  FL-OIL-NO-PRINT-ON-SCHEDULE   VALUE 'N'.
            05  FL-OIL-PRINT-ON-LINE-FLAG     PIC X(01).          12
            88  FL-OIL-PRINT-ON-LINE          VALUE 'Y'.
            88  FL-OIL-NO-PRINT-ON-LINE      VALUE 'N'.
        03  FL-OIL-REMARK-DATE.
            05  FL-OIL-REMARK-DATE-CCYY.
                10  FL-OIL-REMARK-DATE-CC     PIC 9(02)  VALUE ZEROS.  13
                10  FL-OIL-REMARK-DATE-YY     PIC 9(02)  VALUE ZEROS.  15
            05  FL-OIL-REMARK-DATE-MM        PIC 9(02)  VALUE ZEROS.  17
            05  FL-OIL-REMARK-DATE-DD        PIC 9(02)  VALUE ZEROS.  19
        03  FL-OIL-REMARK-TEXT              PIC X(66)  VALUE SPACES.  21
        03  FILLER                          PIC X(16)  VALUE SPACES.  87
    02  RRC-TAPE-FILLER                      PIC X(138).        103

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```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    23  -  OIL FIELD REMARKS TAPE RECORD
*
* -----
* FL-OIL-PRINT-ANNUAL-FLAG
* -----
* REMARKS MADE BY A PRORATION ANALYST CONCERNING THE ANNUAL OIL
* REPORT MAY BE PRINTED ON THIS REPORT.  IF THE VALUE IS A "Y",
* THEN THE REMARKS ARE PRINTED ON THE REPORT.  IF THE VALUE IS AN
* "N", THE REMARKS ARE NOT PRINTED ON THE ANNUAL REPORT.
*
* -----
* FL-OIL-PRINT-LEDGER-FLAG
* -----
* REMARKS MADE BY A PRORATION ANALYST CONCERNING AN OIL FIELD
* MAY BE PRINTED ON THE LEDGER REPORT.  IF THE VALUE IS A "Y",
* THEN THE REMARKS ARE PRINTED ON THE LEDGER REPORT.  IF THE
* VALUE IS AN "N", THE REMARKS ARE NOT PRINTED ON THE REPORT.
*
* NOTE:  THIS DATA ITEM IS NOT CURRENTLY BEING USED.
*
* -----
* FL-OIL-PRINT-SCHEDULE-FLAG
* -----
* REMARKS MADE BY A PRORATION ANALYST CONCERNING AN OIL FIELD MAY
* BE PRINTED ON THE SCHEDULE REPORT.  IF THE VALUE IS A "Y", THEN
* THE REMARKS ARE PRINTED ON THE SCHEDULE REPORT.  IF THE VALUE IS
* AN "N", THE REMARKS ARE NOT PRINTED ON THE REPORT.
*
* -----
* FL-OIL-PRINT-ON-LINE-FLAG
* -----
* REMARKS MADE BY A PRORATION ANALYST CONCERNING AN OIL FIELD MAY
* BE PRINTED ONLINE (SHOWN ON THE TERMINAL SCREEN).  IF THE VALUE
* IS "Y", THEN THE REMARKS ARE PRINTED ON THE SCREEN.  IF THE
* VALUE IS "N", THE REMARKS ARE NOT PRINTED.
*
* -----
* FL-OIL-REMARK-KEY
* -----
* THE OIL REMARK KEY IS USED BY THE AUTOMATIC DATA PROCESSING
* DIVISION TO ACCESS OIL REMARKS.  THE KEY IS COMPRISED OF
* UNIQUE NUMBERS ASSIGNED TO EACH REMARK FOR IDENTIFICATION.
*

```

* -----
* FL-OIL-REMARK-NUMBER
* -----
* THE OIL REMARK NUMBER IS A UNIQUE NUMBER ASSIGNED BY THE RRC
* COMPUTER TO IDENTIFY OIL REMARKS.
*
* -----
* FL-OIL-REMARK-LINE-NUMBER
* -----
* A REMARK MAY CONSIST OF MORE THAN ONE LINE. THE OIL REMARK
* LINE NUMBER GIVES THE LINE NUMBER OF THE REMARKS MADE IN THE OIL
* REMARK FIELD.
*
* -----
* FL-OIL-REMARK-DATE
* -----
* THE DATE THAT OIL REMARKS WERE UPDATED. IT IS FORMATTED IN THE
* CCYYMMDD SEQUENCE WHERE CC=CENTURY, YY=YEAR, MM=MONTH, AND
* DD=DAY.
*
* -----
* FL-OIL-REMARK-TEXT
* -----
* THE OIL REMARK TEXT IS FREE-FORM REMARKS MADE BY A PRORATION
* ANALYST CONCERNING AN OIL FIELD.

Field Oil Factors Root

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*****
*
*           THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
*           OIL FIELD FACTORS ROOT.
*
*
* SEGMENT NAME:  OILFTROT
*
*-----*
* VARIABLE          ]          TYPE          ]          SSA          *
* NAME              ]                      ]          NAME          *
*-----*
*  FL-OIL-FACTOR-DATE          SEQUENCE          OLFACDTE          *
*-----*
*****
01  RAILROAD-COMMISSION-TAPE-REC.                                POS.
02  RRC-TAPE-RECORD-ID                                          PIC X(02) . 1
02  FL-OIL-ALLOCATION-FACT-ROOT.
    03  FL-OIL-FACTOR-CYCLE-KEY          PIC 9(04) .          3
    03  FL-OIL-PROD-FACT-EXEMPT-FLAG    PIC X(1)  VALUE 'N'. 7
        88  FL-OIL-FLD-NOT-EXEMPT-FROM-PF  VALUE 'N'.
        88  FL-OIL-FLD-EXEMPT-FROM-PF      VALUE 'Y'.
    03  FL-OIL-PROD-FACTOR              PIC S9(8)V9(7) COMP-3. 8
    03  FL-OIL-SPLIT-PROD-FACTOR        PIC S9(8)V9(7) COMP-3. 16
    03  FL-OIL-SPLIT-PROD-FACTOR-DATE   PIC 9(2) .          24
    03  FL-OIL-UNWORKABLE-RES-MER       PIC X(1) .          26
    03  FILLER                          PIC X(19) .          27
02  RRC-TAPE-FILLER                                          PIC X(0195) . 46

```

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    24  -  OIL FIELD FACTORS GENERAL INFORMATION TAPE RECORD
*
* -----
* FL-OIL-FACTOR-CYCLE-KEY
* -----
* THIS NUMERIC VALUE REPRESENTS THE PERIOD OF TIME FOR WHICH
* THE FOLLOWING INFORMATION APPLIES.
*
*
* -----
* FL-OIL-PROD-FACT-EXEMPT-FLAG
* -----
* THE CODE WHICH SPECIFIES WHETHER THE FIELD IS EXEMPT FROM THE
* STATEWIDE PRODUCTION FACTOR.  IF THE CODE IS "Y", THE FIELD
* IS EXEMPT.  IF THE CODE IS "N", THE FIELD IS SUBJECT TO THE
* FACTOR.
*
* -----
* FL-OIL-PROD-FACTOR
* -----
* THE NUMERICAL STATEWIDE PRODUCTION FACTOR WHICH IS DETERMINED
* AT THE MONTHLY STATEWIDE DEMAND HEARING HELD BEFORE THE
* RAILROAD COMMISSIONERS.
*
* -----
* FL-OIL-SPLIT-PROD-FACTOR
* -----
* THE SECOND FACTOR FOR THE MONTH FOR FIELDS WHERE A DIFFERENT
* PRODUCTION FACTOR IS ASSIGNED WHICH BECOMES EFFECTIVE LATER
* THAN THE FIRST OF THE MONTH.
*
* -----
* FL-OIL-SPLIT-PROD-FACTOR-DATE
* -----
* THE DAY OF THE MONTH THE SECOND FACTOR BECOMES EFFECTIVE.
*
* -----
* FL-OIL-UNWORKABLE-RES-MER
* -----
*
* IF THIS DATA ITEM CONTAINS A "6", IT INDICATES AN OIL FIELD
* THAT CAN NO LONGER REACH ITS MAXIMUM EFFICIENCY RATE (MER)
* DUE TO DEPLETED RESERVOIR RESOURCES OR SOME OTHER CAUSE.

```


Field Oil Allocation Factors

```

*****
*
*           THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
*           FIELD OIL ALLOCATION FACTORS.
*
*
* SEGMENT NAME:  OILAFAC
*
*-----*
* VARIABLE          ]          TYPE          ]          SSA          *
* NAME              ]                      ]          NAME          *
*-----*
*****

```

01	RAILROAD-COMMISSION-TAPE-REC.				POS.
02	RRC-TAPE-RECORD-ID	PIC X(02).			1
02	FL-OIL-ALLOCATION-FACTORS.				
03	FL-OIL-FACTOR-CODE	PIC 9(2).			3
03	FL-OIL-ALLOCATION-FACTOR	PIC S9(8)V9(7) COMP-3.			5
03	FILLER	PIC X(20).			13
02	RRC-TAPE-FILLER	PIC X(0208).			33

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    25  -   OIL FIELD ALLOCATION FACTORS TAPE RECORD
*
* -----
* FL-OIL-FACTOR-CODE
* -----
* CODE SPECIFYING THE ELEMENT THAT THE FACTOR CALCULATION IS BASED
* ON.  FIVE OCCURRENCES ARE AVAILABLE FOR USE.  CURRENTLY ONLY THREE
* MAY BE USED.
*
*    01 ==> PER WELL
*    02 ==> ACRES
*    03 ==> ACRE FEET
*    04 ==> BHP
*    05 ==> ORIGINAL POTENTIAL
*    06 ==> CURRENT POTENTIAL
*    07 ==> ACRE POUNDS (ACRES X BHP)
*    08 ==> COUNTY REGULAR
*    09 ==> YARDSTICK (47)
*    10 ==> YARDSTICK (65)
*    11 ==> ROCK PRESSURE
*    12 ==> ACRE FOOT POUNDS
*    13 ==> NONE
*    14 ==> ORIGINAL OIL IN PLACE
*
* -----
* FL-OIL-ALLOCATION-FACTOR
* -----
* THE NUMERICAL FACTOR USED IN CALCULATING THE FIELD ALLOWABLE.

```

Oil County

```

*****
*
*           THIS COPY IS USED FOR THE OIL COUNTY SEGMENT           *
*
*-----*
*
* SEGMENT NAME:  OLCOUNTY                                         *
*
*-----*
* VARIABLE                ]          TYPE                ]      SSA      *
* NAME                    ]                              ]      NAME      *
*-----*
* FL-OIL-COUNTY-CODE      ]      KEY                    ]  OLCOUNTY    *
*****

```

01	RAILROAD-COMMISSION-TAPE-REC.		POS.
02	RRC-TAPE-RECORD-ID	PIC X(02).	1
02	FL-OIL-COUNTY.		
03	FL-OIL-COUNTY-CODE	PIC 9(03).	3
03	FILLER	PIC X(07).	6
02	RRC-TAPE-FILLER	PIC X(0228).	13

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 26 - OIL FIELD COUNTY NUMBER TAPE RECORD
*
* -----
* FL-OIL-COUNTY-CODE
* -----
* FL-OIL-COUNTY-CODE IDENTIFIES THE COUNTY OR COUNTIES IN WHICH AN
* OIL FIELD IS LOCATED.  BECAUSE AN OIL FIELD MAY SPAN COUNTIES,
* THERE MAY BE MORE THAN ONE OCCURRENCE OF THIS DATA ITEM; ONE
* OCCURRENCE EXISTS FOR EACH COUNTY IN WHICH THE OIL FIELD
* RESIDES.
*
* THE COUNTY CODE IS BASED ON THREE-DIGIT NUMBERS:  THE RAILROAD
* COMMISSION ASSIGNS A NUMBER TO EACH ONSHORE COUNTY;  THE AMERICAN
* PETROLEUM INSTITUTE (API) ASSIGNS A NUMBER TO EACH OFFSHORE
* COUNTY.  THE ACTUAL COUNTY CODES ARE LISTED IN APPENDIX B.  THE
* FIRST 254 NUMBERS OF THE CODE ARE ODD, AND INDICATE ONSHORE
* COUNTIES ONLY.  THE REMAINING 23 NUMBERS ARE BOTH ODD AND EVEN,
* AND INDICATE OFFSHORE COUNTIES.

```

Associated Gas Fields

```

*****
*
*           THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
*           ASSOCIATED GAS FIELDS SEGMENT.
*
*
*
* SEGMENT NAME:  ASSOCGAS
*-----*
* VARIABLE          ]          TYPE          ]          SSA          *
* NAME              ]                      ]          NAME          *
*-----*
* FL-ASSOC-GAS-FIELD-KEY ]          KEY          ] ASSOCGAS      *
*****
01 RAILROAD-COMMISSION-TAPE-REC.                                POS.
02 RRC-TAPE-RECORD-ID                                PIC X(02) .                                1
02 FL-ASSOC-GAS-FIELD-SEGMENT.
03 FL-ASSOC-GAS-FIELD-KEY.
05 FL-ASSOC-GAS-FIELD-DIST                                PIC 99.                                    3
05 FL-ASSOC-GAS-FIELD-NUMBER                            PIC 9(8) .                                5
03 FILLER                                                PIC X(10) .                               13
02 RRC-TAPE-FILLER                                        PIC X(0218) .                             23

```

* -----
 * RRC-TAPE-RECORD-ID
 * -----

* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
 * FIELD SYSTEM TAPE'S RECORD ID. CONTAINED IN THE FIRST TWO
 * BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
 * MATION WILL BE FOUND IN EACH RECORD.

* REC ID
 * VALUE TAPE RECORD DESCRIPTION
 *
 * 27 - ASSOCIATED GAS FIELD RECORD
 *
 * -----

* FL-ASSOC-GAS-FIELD-DIST
 * -----

* FOR ALL OIL FIELDS, THIS DATA ITEM WILL STORE A TWO-DIGIT
 * DISTRICT NUMBER WHEN A GAS FIELD IS ASSOCIATED WITH AN OIL FIELD
 * AND THE CORRESPONDING OIL AND GAS FIELDS HAVE DIFFERENT NUMBERS.
 * IF A GAS FIELD IS ASSOCIATED WITH AN OIL FIELD, THE RELATED OIL
 * AND GAS FIELDS WILL USUALLY HAVE THE SAME FIELD NUMBER. HOWEVER,
 * IF THE FIELD NUMBERS ARE DIFFERENT, FL-ASSOC-GAS-FIELD-DIST ACTS
 * AS A POINTER TO THE RELATED GAS FIELD INFORMATION. THE DATA
 * ITEMS FL-ASSOC-GAS-FIELD-DIST AND FL-ASSOC-GAS-FIELD-NUMBER FORM
 * THE KEY REQUIRED TO ACCESS THE GAS FIELD INFORMATION IN THE
 * FLDROOT SEGMENT.

* THERE ARE 14 DISTRICTS--01, 02, 03, 04, 05, 06, 6E, 7B, 7C, 08,
 * 8A, 8B, 09, AND 10. THE DISTRICT NUMBERS ARE NOT REPRESENTED
 * ON THE FIELD TAPE AS THEY ARE LISTED ABOVE. THE TABLE BELOW
 * INDICATES THE CONVERTED VALUES.

FIELD TAPE VALUE		DISTRICT VALUE
01	-	01
02	-	02
03	-	03
04	-	04
05	-	05
06	-	06
07	-	6E
08	-	7B
09	-	7C
10	-	08
11	-	8A
12	-	8B (RESERVED FOR FUTURE USE.)
13	-	09
14	-	10

* -----
* FL-ASSOC-GAS-FIELD-NUMBER
* -----

*
* FOR ALL OIL FIELDS, THIS DATA ITEM WILL STORE AN EIGHT-DIGIT GAS
* FIELD NUMBER WHEN A GAS FIELD IS ASSOCIATED WITH AN OIL FIELD
* AND THE CORRESPONDING OIL AND GAS FIELDS HAVE DIFFERENT NUMBERS.
* IF A GAS FIELD IS ASSOCIATED WITH AN OIL FIELD, THE RELATED OIL
* AND GAS FIELDS WILL USUALLY HAVE THE SAME FIELD NUMBER. HOWEVER,
* IF THE FIELD NUMBERS ARE DIFFERENT, FL-ASSOC-GAS-FIELD-NUMBER
* ACTS AS A POINTER TO THE RELATED GAS FIELD INFORMATION. THE DATA
* ITEMS FL-ASSOC-GAS-FIELD-DIST AND FL-ASSOC-GAS-FIELD-NUMBER FORM
* THE KEY REQUIRED TO ACCESS THE GAS FIELD INFORMATION IN THE
* FLDROOT SEGMENT.

Field Map Index

```

*****
* FLW700T1
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* FIELD MAP INDEX SEGMENT.
*
* SEGMENT NAME:  FLDMAP                      50 BYTES
*-----*
* VARIABLE                ]      TYPE          ]      SSA      *
* NAME                    ]                    ]      NAME      *
*-----*
* FL-MAP-NUMBER-INDEX     ]      KEY           ]      FLDMAPNO   *
*-----*
*****

```

```

01 RAILROAD-COMMISSION-TAPE-REC.                POS.
02 RRC-TAPE-RECORD-ID                          1
02 FIELD-MAP-INDEX.
03 FL-MAP-NUMBER-INDEX                          3
03 FL-MAP-COUNTY-CODES.
05 FL-MAP-COUNTY-CODE OCCURS 6 TIMES PIC X(3).  9
03 FILLER                                       27
02 RRC-TAPE-FILLER                              53

```



```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 28 - FIELD MAP INDEX TAPE RECORD
*
* -----
* FL-MAP-NUMBER-INDEX
* -----
* THE MAP NUMBER INDEX IS A NUMBER ASSIGNED TO A FIELD MAP BY THE
* MAPPING AND GRAPHICS SECTION OF THE OIL AND GAS DIVISION.  THE
* NUMBERS RANGE FROM 1 TO 9999.  THE LETTERS OF THE ALPHABET ARE
* USED TO INDEX THE MAPS.
*
* -----
* FL-MAP-COUNTY-CODE
* -----
* A COUNTY CODE WHICH IDENTIFIES THE COUNTY THE FIELD IS LOCATED
* IN ON THIS PARTICULAR MAP INDEX.  SPACE IS RESERVED FOR UP TO
* SIX COUNTY CODES.

```

Field Gas Optional Rule

```

*****
* FLW700J1
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* FIELD GAS OPTIONAL RULE SEGMENT
*
* SEGMENT NAME: GSOPTRUL 75 BYTES
*-----*
* FL-GAS-OPT-KEY ] KEY ] GSOPTKEY
*-----*
* PARENT -> GSFLDRUL
*-----*
*****
01 RAILROAD-COMMISSION-TAPE-REC. POS.
02 RRC-TAPE-RECORD-ID PIC X(02). 1
02 FL-OPTIONAL-GAS-FIELD-RULES.
03 FL-GAS-OPT-KEY PIC 9(02) VALUE ZEROS. 3
03 FL-GAS-OPT-SPACE-TO-LEASE-LINE PIC 9(04) VALUE ZEROS. 5
03 FL-GAS-OPT-SPACE-TO-WELL PIC 9(04) VALUE ZEROS. 9
03 FL-GAS-OPT-ACRES-PER-UNIT PIC 9(04)V99 VALUE ZEROS. 13
03 FL-GAS-OPT-TOLERANCE-ACRES PIC 9(03)V99 VALUE ZEROS. 19
03 FL-GAS-OPT-DIAGONAL-CODE PIC X(02) VALUE SPACES. 24
88 FL-GAS-OPT-CORN-CORN-DIAG VALUE 'CC'.
88 FL-GAS-OPT-WELL-CORNER-DIAG VALUE 'WC'.
03 FL-GAS-OPT-DIAGONAL-FEET PIC 9(05) VALUE ZEROS. 26
03 FL-GAS-OPT-FIELD-TEXT PIC X(47) VALUE SPACES. 31
02 RRC-TAPE-FILLER PIC X(0163). 78

```

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
* 29 -  OPTIONAL GAS FIELD RULES RECORD
*
* -----
* FL-GAS-OPT-KEY
* -----
* THIS DATA ITEM IS A TWO DIGIT KEY USED TO ACCESS THE
* GAS OPTIONAL RULE SEGMENT.
*
* -----
* FL-GAS-OPT-SPACE-TO-LEASE-LINE
* -----
* THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE DISTANCE
* OF A WELL BE 467 FEET FROM THE LEASE LINE, 1200 FEET FROM WELL
* TO WELL, AND 40 ACRES PER UNIT.  AN OPERATOR MAY REQUEST THE
* SCHEDULING OF A HEARING IF HE FEELS AN EXCEPTION TO THE
* STATEWIDE SPACING RULE IS WARRANTED.  THIS DATA ITEM INDICATES
* THE DISTANCE A WELL MUST BE FROM THE NEAREST LEASE LINE.
*
* -----
* FL-GAS-OPT-SPACE-TO-WELL
* -----
* THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE DISTANCE
* OF A WELL BE 467 FEET FROM THE LEASE LINE, 1200 FEET FROM WELL
* TO WELL, AND 40 ACRES PER UNIT.  AN OPERATOR MAY REQUEST THE
* SCHEDULING OF A HEARING IF HE FEELS AN EXCEPTION TO THE
* STATEWIDE SPACING RULE IS WARRANTED.  THIS DATA ITEM INDICATES
* THE DISTANCE A WELL MUST BE FROM THE NEAREST WELL.
*
* -----
* FL-GAS-OPT-ACRES-PER-UNIT
* -----
* THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE
* DISTANCE OF A WELL BE 467 FEET FROM THE LEASE LINE, 1200 FEET
* FROM WELL TO WELL, AND 40 ACRES PER UNIT.  AN OPERATOR MAY
* REQUEST THE SCHEDULING OF A HEARING IF HE FEELS AN EXCEPTION TO
* THE STATEWIDE SPACING RULE IS WARRANTED.  THIS DATA ITEM
* INDICATES THE NUMBER OF ACRES DEDICATED TO A WELL BASED ON THE
* STATEWIDE RULE 37 OR A HEARING RULING.
*
* -----
* FL-GAS-OPT-TOLERANCE-ACRES
* -----
* THIS DATA ITEM INDICATES THE ACREAGE REMAINING IN A LEASE AFTER
* A WELL HAS BEEN DRILLED AND COMPLETED ON EACH PRORATION UNIT
* (THE ACREAGE ASSIGNED TO EACH WELL) IN A FIELD.  SOMETIMES THE
* ACREAGE IN A LEASE CANNOT BE DIVIDED EXACTLY BY THE AMOUNT

```

* SPECIFIED AS THE STANDARD UNIT. THE OPERATOR WILL THEN REQUEST
 * THAT THE EXCESS ACREAGE BE DIVIDED AMONG THE OTHER WELLS IN THE
 * LEASE OR ALLOCATED TO THE LAST WELL DRILLED.
 *
 * -----
 * FL-GAS-OPT-DIAGONAL-CODE
 * -----
 * INDICATES THE METHOD USED TO MEASURE THE DIAGONAL. IF THE CODE
 * IS "CC", THE DIAGONAL IS MEASURED FROM CORNER TO CORNER. IF THE
 * CODE IS "WC", THE DIAGONAL IS MEASURED FROM WELL TO CORNER.
 *
 * GAS CORNER-TO-CORNER DIAGONAL VALUE "CC"
 * GAS WELL-TO-CORNER DIAGONAL VALUE "WC"
 *
 * -----
 * FL-GAS-OPT-DIAGONAL
 * -----
 * THE DIAGONAL IS A MEASUREMENT FROM WELL TO NEAREST CORNER OF THE
 * PRORATION UNIT (ACREAGE ASSIGNED TO EACH WELL) OR FROM CORNER TO
 * CORNER OF THE PRORATION UNIT. THE PURPOSE OF THE DIAGONAL
 * MEASUREMENT IS TO CREATE UNITS OF ACREAGE OF A CERTAIN MINIMUM
 * SIZE UPON WHICH ONE WELL MAY BE DRILLED. BY DETERMINING THE
 * MOST REASONABLE PATTERN OF DEVELOPMENT IN A FIELD, THE CORREL-
 * ATIVE RIGHTS OF ALL OPERATORS IN THE FIELD CAN BE PROTECTED AND
 * PHYSICAL WASTE PREVENTED.
 *
 * -----
 * FL-GAS-OPT-FIELD-TEXT
 * -----
 * GAS FIELD TEXT IS FREE-FORM REMARKS MADE BY A PRORATION ANALYST
 * CONCERNING A GAS FIELD.
 *

Field Oil Optional Rule

```

*****
* FLW700K1
* THIS COPY IS USED FOR THE FIELD (FL) SYSTEM'S
*
* FIELD OIL OPTIONAL RULE SEGMENT
*
*
* SEGMENT NAME: OLOPTRUL 75 BYTES
*-----*
* FL-OIL-OPT-KEY ] KEY ] OLOPTKEY
*-----*
* PARENT -> OLFLDRUL
*-----*
*****

```

			POS.
01	RAILROAD-COMMISSION-TAPE-REC.		
02	RRC-TAPE-RECORD-ID	PIC X(02).	1
02	FL-OPTIONAL-OIL-FIELD-RULES.		
03	FL-OIL-OPT-KEY	PIC 9(02).	3
03	FL-OIL-OPT-SPACE-TO-LEASE-LINE	PIC 9(04).	5
03	FL-OIL-OPT-SPACE-TO-WELL	PIC 9(04).	9
03	FL-OIL-OPT-ACRES-PER-UNIT	PIC 9(04)V99.	13
03	FL-OIL-OPT-TOLERANCE-ACRES	PIC 9(03)V99.	19
03	FL-OIL-OPT-DIAGONAL-CODE	PIC X(02).	24
	88 FL-OIL-OPT-CORN-CORN-DIAG	VALUE 'CC'.	
	88 FL-OIL-OPT-WELL-CORNER-DIAG	VALUE 'WC'.	
03	FL-OIL-OPT-DIAGONAL-FEET	PIC 9(05).	26
03	FL-OIL-OPT-FIELD-TEXT	PIC X(47).	31
02	RRC-TAPE-FILLER	PIC X(0163).	78

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* FIELD SYSTEM TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS RECORD ID TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE      TAPE RECORD DESCRIPTION
*
*    30  -  OPTIONAL OIL FIELD RULES RECORD
*
* -----
* FL-OIL-OPT-KEY
* -----
* THIS DATA ITEM IS A TWO DIGIT KEY USED TO ACCESS THE
* OIL OPTIONAL RULE SEGMENT
*
* -----
* FL-OIL-OPT-SPACE-TO-LEASE-LINE
* -----
* THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE DISTANCE
* OF A WELL BE 467 FEET FROM THE LEASE LINE, 1200 FEET FROM WELL
* TO WELL, AND 40 ACRES PER UNIT.  AN OPERATOR MAY REQUEST THE
* SCHEDULING OF A HEARING IF HE FEELS AN EXCEPTION TO THE
* STATEWIDE SPACING RULE IS WARRANTED.  THIS DATA ITEM INDICATES
* THE DISTANCE A WELL MUST BE FROM THE NEAREST LEASE LINE.
*
* -----
* FL-OIL-OPT-SPACE-TO-WELL
* -----
* THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE DISTANCE
* OF A WELL BE 467 FEET FROM THE LEASE LINE, 1200 FEET FROM WELL
* TO WELL, AND 40 ACRES PER UNIT.  AN OPERATOR MAY REQUEST THE
* SCHEDULING OF A HEARING IF HE FEELS AN EXCEPTION TO THE
* STATEWIDE SPACING RULE IS WARRANTED.  THIS DATA ITEM INDICATES
* THE DISTANCE A WELL MUST BE FROM THE NEAREST WELL.
*
* -----
* FL-OIL-OPT-ACRES-PER-UNIT
* -----
* THE STATEWIDE SPACING RULE (RULE 37) REQUIRES THAT THE
* DISTANCE OF A WELL BE 467 FEET FROM THE LEASE LINE, 1200 FEET
* FROM WELL TO WELL, AND 40 ACRES PER UNIT.  AN OPERATOR MAY
* REQUEST THE SCHEDULING OF A HEARING IF HE FEELS AN EXCEPTION TO
* THE STATEWIDE SPACING RULE IS WARRANTED.  THIS DATA ITEM
* INDICATES THE NUMBER OF ACRES DEDICATED TO A WELL BASED ON THE
* STATEWIDE RULE 37 OR A HEARING RULING.
*
* -----
* FL-OIL-OPT-TOLERANCE-ACRES
* -----
* THIS DATA ITEM INDICATES THE ACREAGE REMAINING IN A LEASE AFTER
* A WELL HAS BEEN DRILLED AND COMPLETED ON EACH PRORATION UNIT
* (THE ACREAGE ASSIGNED TO EACH WELL) IN A FIELD.  SOMETIMES THE
* ACREAGE IN A LEASE CANNOT BE DIVIDED EXACTLY BY THE AMOUNT

```

* SPECIFIED AS THE STANDARD UNIT. THE OPERATOR WILL THEN REQUEST
 * THAT THE EXCESS ACREAGE BE DIVIDED AMONG THE OTHER WELLS IN THE
 * LEASE OR ALLOCATED TO THE LAST WELL DRILLED.
 *
 * -----
 * FL-OIL-OPT-DIAGONAL-CODE
 * -----
 * INDICATES THE METHOD USED TO MEASURE THE DIAGONAL. IF THE CODE
 * IS "CC", THE DIAGONAL IS MEASURED FROM CORNER TO CORNER. IF THE
 * CODE IS "WC", THE DIAGONAL IS MEASURED FROM WELL TO CORNER.
 *
 * OIL CORNER-TO-CORNER DIAGONAL VALUE "CC"
 * OIL WELL-TO-CORNER DIAGONAL VALUE "WC"
 *
 * -----
 * FL-OIL-OPT-DIAGONAL
 * -----
 * THE DIAGONAL IS A MEASUREMENT FROM WELL TO NEAREST CORNER OF THE
 * PRORATION UNIT (ACREAGE ASSIGNED TO EACH WELL) OR FROM CORNER TO
 * CORNER OF THE PRORATION UNIT. THE PURPOSE OF THE DIAGONAL
 * MEASUREMENT IS TO CREATE UNITS OF ACREAGE OF A CERTAIN MINIMUM
 * SIZE UPON WHICH ONE WELL MAY BE DRILLED. BY DETERMINING THE
 * MOST REASONABLE PATTERN OF DEVELOPMENT IN A FIELD, THE CORREL-
 * ATIVE RIGHTS OF ALL OPERATORS IN THE FIELD CAN BE PROTECTED AND
 * PHYSICAL WASTE PREVENTED.
 *
 * -----
 * FL-OIL-OPT-FIELD-TEXT
 * -----
 * OIL FIELD TEXT IS FREE-FORM REMARKS MADE BY A PRORATION ANALYST
 * CONCERNING AN OIL FIELD.
 *

3. APPENDIX A

Field System Abbreviations

ABBREVIATION	DEFINITION
ALLOW	ALLOWABLE
ALTER	ALTERNATE
AMT	AMOUNT
AVG	AVERAGE
BAL	BALANCE
BHP	BOTTOM HOLE PRESSURE
BH	BOTTOM HOLE
CALC	CALCULATE/CALCULATION
CD	CODE
CNTY	COUNTY
COND	CONDENSATE
CONV	CONVERSION
CSHD	CASINGHEAD
CU	CUBIC
CUM	CUMULATIVE
DISC	DISCOVERY
DT	DATE
EFF	EFFECTIVE
EXCPT	EXCEPTION
FACTR OR FCTR	FACTOR
FL	FIELD
FT	FEET
GOR	GAS OIL RATIO
HDG	HEADING/HEADER
H2S	HYDROGEN SULFIDE
LIQ	LIQUID
MCF	THOUSAND CUBIC FEET
PF	PRODUCTION FACTOR
MER	MAXIMUM EFFICIENCY RATE
MON	MONTH
NO	NUMBER OR THE WORD NO
NPX	NEW POOL EXEMPT
PERF	PERFORATION
PROD	PRODUCTION
REG	REGULAR
RES	RESERVOIR
RRCID	RAILROAD COMMISSION IDENTIFICATION
SWR	STATEWIDE RULE
TDWR	TEXAS DEPARTMENT OF WATER RESOURCES
TEMP	TEMPERATURE
TMP	TWELVE MONTH PEAK
TRANS	TRANSFERRED
YR	YEAR

4. APPENDIX B.

County Information

County Name	County Code
ANDERSON	001
ANDREWS	003
ANGELINA	005
ARANSAS	007
ARCHER	009
ARMSTRONG	011
ATASCOSA	013
AUSTIN	015
BAILEY	017
BANDERA	019
BASTROP	021
BAYLOR	023
BEE	025
BELL	027
BEXAR	029
BLANCO	031
BORDEN	033
BOSQUE	035
BOWIE	037
BRAZORIA	039
BRAZOS	041
BREWSTER	043
BRISCOE	045
BROOKS	047
BROWN	049
BURLESON	051
BURNET	053
CALDWELL	055
CALHOUN	057
CALLAHAN	059
CAMERON	061
CAMP	063
CARSON	065
CASS	067
CASTRO	069
CHAMBERS	071
CHEROKEE	073
CHILDRESS	075
CLAY	077
COCHRAN	079
COKE	081
COLEMAN	083
COLLIN	085
COLLINGSWORTH	087
COLORADO	089
COMAL	091
COMANCHE	093
CONCHO	095
COOKE	097
CORYELL	099
COTTLE	101

County Name	County Code
CRANE	103
CROCKETT	105
CROSBY	107
CULBERSON	109
DALLAM	111
DALLAS	113
DAWSON	115
DEAF SMITH	117
DELTA	119
DENTON	121
DE WITT	123
DICKENS	125
DIMMIT	127
DONLEY	129
DUVAL	131
EASTLAND	133
ECTOR	135
EDWARDS	137
ELLIS	139
EL PASO	141
ERATH	143
FALLS	145
FANNIN	147
FAYETTE	149
FISHER	151
FLOYD	153
FOARD	155
FORT BEND	157
FRANKLIN	159
FREESTONE	161
FRIO	163
GAINES	165
GALVESTON	167
GARZA	169
GILLESPIE	171
GLASSCOCK	173
GOLIAD	175
GONZALES	177
GRAY	179
GRAYSON	181
GREGG	183
GRIMES	185
GUADALUPE	187
HALE	189
HALL	191
HAMILTON	193
HANSFORD	195
HARDEMAN	197
HARDIN	199
HARRIS	201
HARRISON	203
HARTLEY	205
HASKELL	207
HAYS	209
HEMPHILL	211

County Name	County Code
HENDERSON	213
HIDALGO	215
HILL	217
HOCKELY	219
HOOD	221
HOPKINS	223
HOUSTON	225
HOWARD	227
HUDSPETH	229
HUNT	231
HUTCHINSON	233
IRION	235
JACK	237
JACKSON	239
JASPER	241
JEFF DAVIS	243
JEFFERSON	245
JIM HOGG	247
JIM WELLS	249
JOHNSON	251
JONES	253
KARNES	255
KAUFMAN	257
KENDALL	259
KENEDY	261
KENT	263
KERR	265
KIMBLE	267
KING	269
KINNEY	271
KLEBERG	273
KNOX	275
LAMAR	277
LAMB	279
LAMPASAS	281
LA SALLE	283
LAVACA	285
LEE	287
LEON	289
LIBERTY	291
LIMESTONE	293
LIPSCOMB	295
LIVE OAK	297
LLANO	299
LOVING	301
LUBBOCK	303
LYNN	305
MCCULLOCH	307
MCLENNAN	309
MCMULLEN	311
MADISON	313
MARION	315
MARTIN	317
MASON	319
MATAGORDA	321

County Name	County Code
MARVERICK	323
MEDINA	325
MENARD	327
MIDLAND	329
MILAM	331
MILLS	333
MITCHELL	335
MONTAGUE	337
MONTGOMERY	339
MOORE	341
MORRIS	343
MOTLEY	345
NACOGDOCHES	347
NAVARRO	349
NEWTON	351
NOLAN	353
NUECES	355
OCHILTREE	357
OLDHAM	359
ORANGE	361
PALO PINTO	363
PANOLA	365
PARKER	367
PARMER	369
PECOS	371
POLK	373
POTTER	375
PRESIDIO	377
RAINS	379
RANDALL	381
REAGAN	383
REAL	385
RED RIVER	387
REEVES	389
REFUGIO	391
ROBERTS	393
ROBERTSON	395
ROCKWALL	397
RUNNELS	399
RUSK	401
SABINE	403
SAN AUGUSTINE	405
SAN JACINTO	407
SAN PATRICIO	409
SAN SABA	411
SCHLEICHER	413
SCURRY	415
SHACKELFORD	417
SHELBY	419
SHERMAN	421
SMITH	423
SOMERVELL	425
STARR	427
STEPHENS	429
STERLING	431
STONEWALL	433

County Name	County Code
SUTTON	435
SWISHER	437
TARRANT	439
TAYLOR	441
TERRELL	443
TERRY	445
THROCKMORTON	447
TITUS	449
TOM GREEN	451
TRAVIS	453
TRINITY	455
TYLER	457
UPSHUR	459
UPTON	461
UVALDE	463
VAL VERDE	465
VAN ZANDT	467
VICTORIA	469
WALKER	471
WALLER	473
WARD	475
WASHINGTON	477
WEBB	479
WHARTON	481
WHEELER	483
WICHITA	485
WILBARGER	487
WILLACY	489
WILLIAMSON	491
WILSON	493
WINKLER	495
WISE	497
WOOD	499
YOAKUM	501
YOUNG	503
ZAPATA	505
ZAVALA	507

Offshore County Information

Offshore County Name	Offshore County Code
S PADRE IS-SB	600
N PADRE IS-SB	601
MUSTANG IS-SB	602
MATGRDA IS-SB	603
BRAZOS-SB	604
GALVESTON-SB	605
HIGH IS-SB	606
S PADRE IS-LB	700
N PADRE IS-LB	701
MUSTANG IS-LB	702
MATGRDA IS-LB	703
BRAZOS-LB	704
BRAZOS-S	705
GALVESTON-LB	706
GALVESTON-S	707
HIGH IS-LB	708
HIGH IS-S	709
HIGH IS-E	710
HIGH IS-E,S	711
MUSTANG IS-E	712
N PADRE IS-E	713
S PADRE IS-E	714
SABINE PASS	715

5. APPENDIX C

Gas Allocation Formula and Codes

CODE	FORMULA
1.	100% A x BHP
2.	100% ACRES
3.	100% A x RP
4.	100% NET ACRE FEET
5.	100% A x POTE (SPECIAL) HUGOTON
6.	100% GAF x BHP
7.	100% OFP
8.	100% GWT-4
9	100% ACRES X SIWH
A.	___% PER WELL ___% ACRES
B.	___% PER WELL ___% A x BHP C. ___% BHP ___% ACRES
D.	___% GWT-1 ___% A x RP E. ___% PER WELL ___% A x RP
F.	___% PER WELL ___% GROSS ACRE FEET G. ___% GWT-1 ___% A x BHP
H.	___% GWT-4 ___% A x RP
I.	___% GWT-4 ___% A x BHP J. ___% GWT-4 ___% ACRES
K.	___% GWT-1 ___% ACRES
L.	WEST PANHANDLE GWT-4 OR LEASE PERCENT RESERVES
M.	WEST PANHANDLE (RED CAVE) GWT-4
N.	THIRD MONTH'S PRODUCTION
O.	BETHANY PETTIT 1/3 PER WELL, 2/3 ACRES
P.	ELLIS RANCH (CLEVELAND) DISTRICT 10 100% ACRES Q. ___% ACRE FEET ___% ACRES
R.	___% ACRES + ___% DEL
S.	___% GWT-1 ___% PER WELL ___% A x RP
T.	___% GWT-2 ___% PER WELL ___% A x RP
U.	___% ACRE FEET+ ___% DEL
V.	SPECIAL FACTOR BOONSVILLE
W.	100% A x DEL
X.	___% PER WELL + ___% DEL
Y.	___% A x SIWH + ___% TMP (FIRST USED AUG 2000 SCHEDULE)
Z.	___% A x SIWH + ___% DEL (FIRST USED MAY 1989 SCHEDULE)
%	PERCENT, PER WELL (SPECIAL ON AP & NP FIELDS)

Gas Schedule Column Headings

THIS SHOWS A LIST OF COLUMN HEADINGS THAT ARE DISPLAYED ON THE GAS PRORATION SCHEDULE. A LIST OF THE ABBREVIATIONS USED IN THE HEADINGS IS PROVIDED BELOW.

1.	IDENT	LEASE NAME	WELL	ACRES	WHP	DEL	G-1 POTE	ALLOW	3-1	STATUS
2.	IDENT	LEASE NAME	WELL	ACRES	BHP	DEL	POTE	ALLOW	2-1	STATUS
3.	IDENT	LEASE NAME	WELL	ACRES	SIWH	DEL	ACRE-FT	ALLOW	6-1	STATUS
4.	IDENT	LEASE NAME	WELL	ACRES	BHP	DEL	ACRE-FT	ALLOW	9-1	STATUS
5.	IDENT	LEASE NAME	WELL	ORIG POTE	WHP	DEL	POTE	ALLOW	10-2	STATUS
6.	IDENT	LEASE NAME	WELL	ACRES	DAILY	DEL	(OR TRANSFER)	ALLOW	8-1	STATUS
7.	IDENT	LEASE NAME	WELL	ACRES	DAILY	DEL	(OR TRANSFER)	COND	2-1	STATUS
8.	IDENT	LEASE NAME	WELL	ACRES	RP	DEL	CAL DEL/POTE	ALLOW	2-1	STATUS
9.	IDENT	LEASE NAME	WELL	PERCENT	BHP	DEL	G-1 POTE	ALLOW	2-1	STATUS

IDENT = RRC GAS WELL IDENTIFICATION NUMBER
LEASE NAME = NAME OF LEASE
WELL = WELL NUMBER
ALLOW = ALLOWABLE
BHP = BOTTOM HOLE PRESSURE
CAL DEL = CALCULATED DELIVERABILITY
CONT LMT = CONDENSATE LIMIT
DAILY = DAILY RATE
DEL = DELIVERABILITY
G-1 POTE = ORIGINAL POTENTIAL
ORIG POTE = ORIGINAL POTENTIAL
PERCENT = PERCENT DELIVERABILITY
POTE = POTENTIAL
RP = ROCK PRESSURE
STATUS = BALANCING STATUS AS OF A PARTICULAR MONTH AND DAY
WHP, SIWH = SHUT-IN PRESSURE

6. APPENDIX D

Oil Allocation Formula and Codes

ALLOCATION CODES

A - PER WELL
B - ACRES
C - ACRES AND PER WELL
D - POTE AND PER WELL
E - POTE
F - ACRES AND POTE
G - BHP AND PER WELL
H - COUNTY REGULAR
I - ACRES AND NET ACRE FEET (FAIRWAY)
J - ACRES FOOT POUNDS (VAN)
K - (YATES)
L - ACRES AND BHP
M - POTE AND PER WELL (FOSTER)
N -
O - YARDSTICK
P - ACRE POUNDS AND PER WELL
Q - 50% ACREAGE, 50% PER WELL FOR 20 ACRE UNIT (HAWKINS)
R - NET ACRE FEET
S -
T -
U - 100% POTE (20 BARRELS MINIMUM) (EAST TEXAS)
Z - TOP ALLOW FOR EACH WELL (FORMULA IN REMARKS)

Oil Schedule Column Headings

THIS SHOWS A LIST OF COLUMN HEADINGS THAT ARE DISPLAYED ON THE OIL PRORATION SCHEDULE.

CODE	HEADING										
A	WELL	DEPTH	POTE	ACRES	GOR					OIL	GAS
B	WELL	DEPTH	POTE	ACRES	GOR				TRANS	OIL	GAS
C	WELL	DEPTH	POTE	ACRES	GOR		CLASS			OIL	GAS
D	WELL	DEPTH	POTE	ACRES	GOR		CLASS			OIL	GAS
E	WELL	DEPTH	POTE	ACRES	GOR		CLASS	RESER		OIL	GAS
F	WELL	DEPTH	POTE	ACRES	GOR			RESER		OIL	GAS
G	WELL	DEPTH	POTE	ACRES	GOR			RESER	TRANS	OIL	GAS
H	WELL	DEPTH	POTE	ACRES	GOR		GAS-T	RESER		OIL	GAS
I	WELL	DEPTH	POTE	ACRES	GOR		GAS-T		TRANS	OIL	GAS
J	WELL	DEPTH	POTE	ACRES	GOR			INJ-A	TRANS	OIL	GAS
K	WELL	DEPTH	POTE	ACRES	GOR		BHP		TRANS	OIL	GAS
L	WELL	DEPTH	POTE	ACRES	GOR		BHP			OIL	GAS
M	WELL	DEPTH	POTE	ACRES	GOR	THICK	BHP	AF-LB	TRANS	OIL	GAS
N	WELL	DEPTH	POTE	ACRES	GOR		BHP	AC-LB		OIL	GAS
O	WELL	DEPTH	POTE	ACRES	GOR	ORG-POT	ESWA	TSWA	CLAT	OIL	GAS
P	WELL	DEPTH	POTE	ACRES	GOR	THICK	AC-FT		TRANS	OIL	GAS
Q	WELL	DEPTH	POTE	ACRES	GOR	NET	AFT	OOIP			