



RAILROAD COMMISSION OF TEXAS
UNDERGROUND INJECTION CONTROL
MAGNETIC TAPE USER'S GUIDE

PUBLISHED BY THE
RAILROAD COMMISSION OF TEXAS
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This publication was developed for the general public in response to inquiries concerning the availability of underground injection control information on magnetic tape. If you request assistance in using the manual, your request will be given every consideration.

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I. GENERAL INFORMATION

IDENTIFICATION

Developed For: Users of Underground Injection
Control Information

By: Railroad Commission of Texas

System Name: Underground Injection Control

GENERAL DESCRIPTION

This file contains information related to all underground injection wells in Texas. Data fields maintained in the Underground Injection Control Database will appear on this file. The information contained on this tape includes:

Inventory and Permit Specific Data; H-10 Monitoring Data;

H-5 Pressure Testing Data; and UIC Enforcement Action Data.

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.UIF700

Record Length: 622

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

01	----->	UIC Inventory Permit Information
02	----->	UIC Permit Remarks
03	----->	UIC Monitor Information
04	----->	H-10 (Monthly Monitor) Information
05	----->	H-10H (Monthly Monitor) Information
06	----->	Monitor Remarks
07	----->	H-5 (Pressure Testing) Information
08	----->	H-5 Remarks
09	----->	UIC Enforcement Information
10	----->	Enforcement Action Information
11	----->	Enforcement Action Other Data
12	----->	Enforcement Remarks
13	----->	H-10H Monitor Annual Information
14	----->	H-10 Violation Information

II. FILE INFORMATION

```

> **** UIW700A4 ****
*
*   UNDERGROUND INJECTION CONTROL ROOT SEGMENT
*
* SEGMENT NAME:      UIROOT          LENGTH: 620 BYTES
*
* FUNCTION          SOURCE              SSA NAME
* *****
* SEGMENT KEY      UIC-CNTL-NO          UICNTLNO
* 2ND KEY          UIC-ALT-KEY1          XUICALT   UIS701
* 2ND KEY          UIC-API-NUMBER+ UIC-CNTL-NO XUICAPI   UIS702
* 2ND KEY          UIC-CNTY-NUMBER+ UIC-ALT-KEY XUICNTY   UIS703
* 2ND KEY          UIC-FIELD-NO+ UIC-CNTL-NO XUICFLD   UIS705
* 2ND KEY          UIC-OPER+ UIC-CNTL-NO XUICOPER   UIS706
* 2ND KEY          UIC-W14-NO+ UIC-CNTL-NO XUICW14   UIS707
* 2ND KEY          UIC-H1-NO+ UIC-CNTL-NO XUICH1NO   UIS708
* SEARCH FLD      UIC-OPER              UIOPER    (DUPES)
* SEARCH FLD      UIC-CNTY-NO          UICNTYNO  (DUPES)
* SEARCH FLD      UIC-FIELD-NO        UIFLDNO   (DUPES)
* SEARCH FLD      UIC-H1-NO           UIH1NO    (DUPES)
*
*****
*

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01 RAILROAD-COMMISSION-TAPE-REC.          POS.
02 RRC-TAPE-RECORD-ID                    PIC X(02). 1
02 UIC-ROOT.
03 UIC-CNTL-NO                            PIC 9(9) VALUE ZEROS. 3
03 UIC-NEXT-CTL-NUM.
    05 UIC-NEXT-AVAILABLE                  PIC 9(9) VALUE ZEROS. 12
    05 UIC-NEXT-DUMMY-LEASE                PIC 9(6) VALUE ZEROS. 21
03 UIC-ALT-KEY1 REDEFINES
    05 UIC-O-G-TYPE                        PIC X(1).
    05 UIC-LEASE-ID                        PIC 9(6).
    05 UIC-DIST                            PIC 9(2).
    05 UIC-WELL-NO                         PIC X(6).
03 UIC-OPER                               PIC 9(6). 27
03 UIC-API-NUMBER.
    05 UIC-CNTY-NO                         PIC 9(3) VALUE ZEROS. 33
    05 UIC-API-NO                          PIC 9(5) VALUE ZEROS. 36
03 UIC-FIELD-NO                           PIC 9(8) VALUE ZEROS. 41
03 UIC-CLASS                              PIC 9(1) VALUE ZEROS. 49
03 UIC-APPR-DATE.
    05 UIC-APPR-YEAR.
        10 UIC-APPR-CC                     PIC 9(2) VALUE ZEROS. 50
        10 UIC-APPR-YY                     PIC 9(2) VALUE ZEROS. 52
    05 UIC-APPR-MONTH                      PIC 9(2) VALUE ZEROS. 54
    05 UIC-APPR-DAY                        PIC 9(2) VALUE ZEROS. 56
03 UIC-W14-DATE.
    05 UIC-W14-YEAR.
        10 UIC-W14-CC                      PIC 9(2) VALUE ZEROS. 58

```


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05 UIC-CANCEL-YEAR.		
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05 UIC-W2-G1-DAY	PIC 9(2) VALUE ZEROS.	105
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05 UIC-W3-YEAR.		
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10 UIC-TECH-REVIEW-DD	PIC 9(2) VALUE ZERO.	465
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05 UIC-PROD-CASING-PKR-DEPTH	PIC 9(05) VALUE ZEROS.	496
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03 UIC-FILE-REVIEW-DATE.		
05 UIC-FILE-REV-YEAR.		
10 UIC-FILE-REV-CC	PIC 9(02) VALUE ZEROS.	549
10 UIC-FILE-REV-YY	PIC 9(02) VALUE ZEROS.	551
05 UIC-FILE-REV-MM	PIC 9(02) VALUE ZEROS.	553
05 UIC-FILE-REV-DD	PIC 9(02) VALUE ZEROS.	555
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05 UIC-TYPE-OF-WELL-COMPLETION	PIC X(8).	
05 FILLER	PIC X(09).	

* DATA DICTIONARY FOR UIC ROOT SEGMENT *

* *

* SEGMENT NAME =====> UIROOT *

* *

* KEYS - PRIMARY =====> UIC-CNTL-NO *

* ALT INX =====> UIC-ALT-KEY1 *

* ALT INX =====> UIC-API-NUMBER *

* ALT INX =====> UIC-CNTY-NUMBER + UIC-ALT-KEY1 *

* SEARCH FIELDS =====> UIC-OPER *

* =====> UIC-CNTY *

* =====> UIC-FIELD *

* =====> UIC-H1-NO *

* *

* COPY MEMBER: UIW700A4 *

* *

* -----

* RRC-TAPE-RECORD-ID

* -----

* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)

* UIC DATABASE TAPE'S RECORD ID. CONTAINED IN THE FIRST TWO

* BYTES OF EACH RECORD, THIS ITEM TELLS WHAT TYPE OF INFOR-

* MATION WILL BE FOUND IN EACH RECORD.

* *

* REC ID

* VALUE TAPE RECORD DESCRIPTION

* *

* 01 - UIC INVENTORY AND PERMIT DATA (ROOT SEGMENT)

* *

UIC-ROOT.

THIS RECORD CONTAINS THE DATA FOR THE UIC INJECTION/DISPOSAL WELL.

UIC-CNTL-NO

THIS IS THE KEY TO THE UIC ROOT SEGMENT. IT IS COMPOSED OF A UNIQUE 9-DIGIT NUMBER. THE CONTROL RECORD ON THIS DATABASE CONTAINS A DUMMY UIC CONTROL NUMBER OF ALL ZEROS.

NOTE: ALL NON-ZERO NUMBERS MUST BE PRECEDED BY 'TXS' TO BECOME THE ENVIRONMENTAL PROTECTION AGENCY KEY.

UIC-NEXT-AVAILABLE

THIS FIELD CONTAINS THE NEXT AVAILABLE UIC CONTROL NUMBER WHEN THE UIC-CNTL-NO EQUALS ALL ZEROS.

UIC-ALT-KEY1

DATA ITEMS UIC-O-G-TYPE THROUGH UIC-WELL-NO COMPRISE THE UIC SECONDARY INDEX KEY. THIS ALLOWS ACCESS TO THE UIC ROOT WHEN THE UIC CONTROL NUMBER IS NOT KNOWN.

UIC-O-G-TYPE - DETERMINES THE TYPE OF INJ/DISP WELL.
A = UIC PERMIT NO LEASE ASSIGNED
(UIC SYSTEM ONLY - SEE UIC-LEASE-ID BELOW).
G = GAS WELL
O = OIL WELL

UIC-LEASE-ID - FOR AN OIL WELL, THIS WILL BE THE LEASE NUMBER. FOR A GAS WELL, THIS WILL BE THE GAS WELL ID.

** FOR PERMITS WITH NO LEASE NUMBER ASSIGNED YET, THIS NUMBER WILL BE GREATER THAN 900000 AND THE OIL AND GAS CODE WILL BE "A". THE NUMBER IS DISPLAYED AS 000000 ON SCREENS AND IN REPORTS.

UIC-DIST - CONTAINS THE DISTRICT IN WHICH THE INJECTION DISPOSAL WELL IS LOCATED. THE DISTRICT IS STORED IN A 2-DIGIT FORMAT. NOTE: DISTRICT 8B IS RESERVED FOR FUTURE USE.

2-DIGIT		2-DIGIT	
CODE	DIST	CODE	DIST
01	= 01	08	= 7B
02	= 02	09	= 7C
03	= 03	10	= 08
04	= 04	11	= 8A
05	= 05	12	= 8B
06	= 06	13	= 09
07	= 6E	14	= 10

UIC-WELL-NO - CONTAINS THE RRC'S ASSIGNED WELL NUMBER.

UIC-OPER

THIS DATA ITEM CONTAINS THE OPERATOR NUMBER FOR THIS INJECTION/DISPOSAL WELL.

UIC-API-NUMBER

DATA ITEMS UIC-CNTY-NO AND UIC-API-NO COMPRISE THE NUMBER

ASSIGNED TO THE WELL BY THE AMERICAN PETROLEUM INSTITUTE.

UIC-CNTY-NO - CONTAINS THE COUNTY CODE OF THE COUNTY IN
 WHICH THE WELL IS LOCATED.

UIC-API-NO - CONTAINS THE UNIQUE 5-DIGIT CODE ASSIGNED
 BY API

UIC-FIELD-NO

THIS DATA ITEM CONTAINS THE FIELD NUMBER IN WHICH THE
WELL IS LOCATED.

UIC-CLASS

THIS DATA ITEM DETERMINES THE TYPE WELL ON THE UIC SYSTEM.

2 = INJECTION/DISPOSAL WELL

5 = STORAGE, GEOTHERMAL, OR BRINE WELLS. (BRINE WELLS
ARE STORED ON A SEPARATE FILE.)

UIC-APPR-DATE

THIS DATA ITEM CONTAINS THE DATE THE UIC ORIGINAL APPLICATION
WAS APPROVED. IT IS STORED IN THE CCYYMMDD FORMAT.

UIC-W14-DATE

THIS DATA ITEM CONTAINS THE DATE THE MOST RECENT W-14 WAS
ISSUED (PER STATEWIDE RULE 9). IT IS STORED IN THE CCYYMMDD
FORMAT. FORM W-14, APPLICATION TO DISPOSE OF SALT WATER BY
INJECTION INTO A POROUS FORMATION NOT PRODUCTIVE OF OIL OR
GAS, MUST BE APPROVED BEFORE BEGINNING INJECTION.

UIC-H1-DATE

THIS DATA ITEM CONTAINS THE DATE THE MOST RECENT H-1
WAS ISSUED (PER STATEWIDE RULE 46). IT IS STORED IN THE
CCYYMMDD FORMAT. FORM H-1, APPLICATION TO INJECT FLUID INTO A
RESERVOIR PRODUCTIVE OF OIL OR GAS, MUST BE APPROVED BEFORE
BEGINNING INJECTION.

UIC-LETTER-DATE

THIS DATA ITEM CONTAINS THE DATE A LETTER AUTHORIZING INJECTION, DISPOSAL, OR STORAGE WAS ISSUED. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-PERMIT-ADDED-DATE

THIS DATA ITEM CONTAINS THE DATE THE INJECTION/DISPOSAL WELL WAS ADDED TO THE UIC SYSTEM. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-ACTIVATED-FLAG

THIS DATA ITEM DETERMINES WHETHER THE WELL IS, OR EVER WAS, AN ACTIVE WELL.

N = NONACTIVE WELL
Y = IS OR HAS BEEN AN ACTIVE WELL

UIC-DOCKET-NO-DIST

THIS DATA ITEM CONTAINS THE TWO-CHARACTER DISTRICT IN WHICH THE DOCKET NUMBER IS ASSIGNED. THIS DISTRICT MAY NOT NECESSARILY BE THE SAME DISTRICT AS THE DISTRICT IN WHICH THE WELL IS LOCATED. (DISTRICT 20 = STATEWIDE)

UIC-DOCKET-NO

THIS DATA ITEM CONTAINS THE DOCKET NUMBER ASSIGNED TO THE WELL.

UIC-CANCEL-DATE

THIS DATA ITEM CONTAINS THE DATE THE UIC APPLICATION WAS CANCELLED. DATE IS STORED IN CCYYMMDD FORMAT.

UIC-W2-G1-DATE

THIS DATA ITEM CONTAINS THE DATE THE W-2 OR G-1 WAS ISSUED. THE W-2 IS THE OIL WELL POTENTIAL TEST, COMPLETION, OR RECOMPLETION REPORT. THE G-1 IS THE GAS WELL BACK PRESSURE TEST, COMPLETION, OR RECOMPLETION REPORT. THIS DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-W3-DATE

THIS DATA ITEM CONTAINS THE DATE THE W-3 WAS FILED. THE W-3 FORM, PLUGGING REPORT, DOCUMENTS THE PLUGGING OF THE WELL. THIS DATE IS IN THE CCYYMMDD FORMAT.

UIC-TYPE-INJ

THIS DATA ITEM DETERMINES WHAT TYPE OF INJECTION IS BEING PERFORMED ON THE WELL.

OLD TYPES UNTIL 05/31/95

- 1 = DISPOSAL INTO A NONPRODUCTIVE ZONE (W-14)
- 2 = DISPOSAL INTO A PRODUCTIVE ZONE (H-1)
- 3 = SECONDARY OR TERTIARY RECOVERY
- 4 = HYDROCARBON STORAGE
- 5 = GAS STORAGE
- 6 = MISCELLANEOUS TYPES

NEW TYPES AS OF 06/01/95

- 1 = DISPOSAL INTO A NONPRODUCTIVE ZONE (W-14)
- 2 = DISPOSAL INTO A PRODUCTIVE ZONE (H-1)
- 3 = SECONDARY OR TERTIARY RECOVERY
- 4 = MISCELLANEOUS TYPES
- 5 = 'R95 LIQ STRG - SALT FORMATION '
- 6 = 'R96 GAS STRG - RESERVOIR '
- 7 = 'R97 GAS STRG - SALT FORMATION '

UIC-TYPE-INJ-CMT

IF THE TYPE OF INJECTION IS NOT ONE OF THOSE LISTED IN UIC-TYPE-INJ, THIS DATA ITEM WILL CONTAIN A COMMENT DESCRIBING THE TYPE OF INJECTION.

UIC-TYPE-FLU-CMT

THIS DATA ITEM CONTAINS A COMMENT DESCRIBING THE TYPE OF FLUID OR GAS INJECTED INTO THE WELL.

UIC-BBL-VOL-INJ

THIS DATA ITEM INDICATES THE MAXIMUM AUTHORIZED LIQUID INJECTION VOLUME (BARRELS PER DAY) INTO THE WELL.

UIC-MCF-VOL-INJ

THIS DATA ITEM INDICATES THE MAXIMUM AUTHORIZED GAS

INJECTION VOLUME (MCF PER DAY) INTO THE WELL.

UIC-TOP-INJ-ZONE

THIS DATA ITEM CONTAINS THE DEPTH (IN FEET) TO THE TOP OF THE PERMITTED INJECTION ZONE.

UIC-BOT-INJ-ZONE

THIS DATA ITEM CONTAINS THE DEPTH (IN FEET) TO THE BOTTOM OF THE PERMITTED INJECTION ZONE.

UIC-MAX-INJ-PRESSURE

THIS DATA ITEM CONTAINS THE MAXIMUM LIQUID INJECTION PRESSURE WHICH IS AUTHORIZED TO BE INJECTED INTO THE WELL. UP TO TWO MAXIMUM INJECTION PRESSURES MAY BE PRESENT FOR A WELL. UIC-MAX-INJ-PRESSURE-2 WILL CONTAIN THE MAXIMUM GAS INJECTION PRESSURE. NON-NUMERIC DATA MAY EXIST IN THIS AREA. (REFER TO DATA ITEM UIC-MAX-INJ-COMMENT).

UIC-MAX-INJ-COMMENT

THIS DATA ITEM DEFINED AS ALPHANUMERIC REDEFINES THE NUMERIC DATA ITEM UIC-MAX-INJ-PRESSURE. THIS DATA ITEM WILL CONTAIN A COMMENT INSTEAD OF AN ACTUAL PRESSURE.

UIC-H1-NO

THIS DATA ITEM CONTAINS THE PROJECT NUMBER ASSIGNED TO THE WELL. THE H-1 APPLICATION ALLOWS INJECTION OF FLUID INTO A RESERVOIR PRODUCTIVE OF OIL OR GAS.

UIC-W14-NO

THIS DATA ITEM CONTAINS THE W-14 NUMBER ASSIGNED TO THE WELL. THE W-14 APPLICATION ALLOWS DISPOSAL OF OIL AND GAS WASTE BY INJECTION INTO A POROUS FORMATION NOT PRODUCTIVE OF OIL OR GAS.

UIC-INJ-FLUIDS

DATA ITEMS UIC-INJ-SW THROUGH UIC-INJ-POLYMER DETERMINE WHAT TYPE OF INJECTION WAS AUTHORIZED ON THE H-1 OR W-14

FORM. IF THE ITEM IS SET TO A "Y," THE WELL WAS AUTHORIZED TO INJECT WITH THE DEFINED FLUID OR GAS. SEE UIC-INJ-NORM.

UIC-INJ-SW - WELL IS INJECTED WITH SALT WATER
UIC-INJ-FW - WELL IS INJECTED WITH FRESH WATER
UIC-INJ-BW - WELL IS INJECTED WITH BRACKISH WATER
UIC-INJ-AIR - WELL IS INJECTED WITH AIR
UIC-INJ-GAS - WELL IS INJECTED WITH GAS
UIC-INJ-LPG - WELL IS INJECTED WITH LPG
UIC-INJ-CO2 - WELL IS INJECTED WITH CO2
UIC-INJ-POLYMER - WELL IS INJECTED WITH POLYMER
UIC-INJ-NORM - NATURALLY OCCURRING RADIOACTIVE MATERIAL.

UIC-INJ-FRAC-WATER- WELL IS INJECTED WITH FRAC WATER
UIC-INJ-H2S - WELL IS INJECTED HYDROGEN SULFIDE
UIC-INJ-STEAM - WELL IS INJECTED WITH STEAM
UIC-INJ-NITROGEN - WELL IS INJECTED WITH NITROGEN
UIC-INJ-OTHER - WELL IS INJETED WITH OTHER FLUID

UIC-MAX-INJ-PRESSURE-2

THIS DATA ITEM CONTAINS THE MAXIMUM GAS INJECTION PRESSURE WHICH IS AUTHORIZED TO BE INJECTED INTO THE WELL. NONNUMERIC DATA MAY EXIST IN THIS AREA. (REFER TO THE DATA ITEM UIC-MAX-INJ-PRESS-2-COMMENT.)

UIC-MAX-INJ-PRESS-2-COMMENT

THIS DATA ITEM DEFINED AS ALPHANUMERIC REDEFINES THE NUMERIC DATA ITEM UIC-MAX-INJ-PRESSURE-2. THIS DATA ITEM REPRESENTS A COMMENT INSTEAD OF AN ACTUAL PRESSURE IF UIC-MAX-INJ-PRESSURE-2 IS NONNUMERIC.

UIC-SPECIAL-CONDITIONS

DATA ITEMS UIC-SPEC-ANN-PRESS-TEST THROUGH UIC-SPEC-OTHER DETERMINE WHAT TYPE OF SPECIAL PERMIT CONDITIONS EXIST FOR THE WELL. THE DATA ITEM WILL CONTAIN A "Y," IF THE SPECIAL CONDITION EXISTS. "N" DENOTES NO SPECIAL CONDITION EXISTS.

UIC-SPEC-ANN-PRESS-TEST - REQUIRES AN ANNUAL PRESSURE TEST.

UIC-SPEC-ANN-RAD-TRACER-SUR - REQUIRES AN ANNUAL RADIOACTIVE TRACER SURVEY.

UIC-SPEC-ANN-TEMP-SURVEY	-	REQUIRES AN ANNUAL TEMPERATURE SURVEY.
UIC-SPEC-DOWNHOLE-SURVEY	-	REQUIRES A DOWNHOLE SURVEY.
UIC-SPEC-SEMI-ANNUAL-PT	-	REQUIRES A SEMIANNUAL PRESSURE TEST.
UIC-SPEC-TBG-CSG-ANNULUS	-	REQUIRES TUBING/CASING ANNULUS PRESSURE MONITORING
UIC-SPEC-TBG-CSG-FREQ	-	IF UIC-SPEC-TBG-CSG-ANNULUS IS SET TO A 'Y', THIS SHOWS WHETHER IT IS A MONTHLY (M), WEEKLY (W), OR DAILY (D) FREQUENCY.
UIC-SPEC-MONTR-PRESS	-	DIFFERENT ANNULUS PRESSURE MUST BE MONITORED
UIC-SPEC-MONTR-PRESS-CODE-1	-	DETERMINES WHAT TYPE OF CASING STRING NEED TO BE MONITORED. STORED AS AN ABBREVIATION. EXAMPLE: LONGSTRING = LS.
UIC-SPEC-MONTR-PRESS-CODE-2	-	THE SECOND TYPE OF CASING STRING MUST BE MONITORED
UIC-SPEC-MONTR-PRESS-FREQ	-	IF UIC-SPEC-TBG-CSG-FREQ IS SET TO A 'Y', THIS SHOWS WHETHER IT IS A MONTHLY (M), WEEKLY (W), OR DAILY (D) FREQUENCY.
UIC-SPEC-MEAS-FLUID-LEVEL	-	REQUIRED TO MEASURE FLUID LEVEL IN TUBING/CASING ANNULUS.
UIC-SPEC-MEAS-FLUID-FREQ	-	IF UIC-SPEC-MEAS-FLUID-LEVEL IS SET TO A 'Y', THIS SHOWS WHETHER IT IS A MONTHLY (M), SEMIANNUAL (S), OR ANNUAL (A) FREQUENCY.
UIC-SPEC-COMMERCIAL	-	DESIGNATES A COMMERCIAL DISPOSAL WELL.
UIC-SPEC-CEMENT-SQZ	-	A CEMENT SQUEEZE IS REQUIRED.
UIC-SPEC-CEMENT-SQZ-AMT1	-	DEPTH AT WHICH CEMENT SQUEEZE IS

		REQUIRED.
UIC-SPEC-CEMENT-SQZ-AMT2	-	AMOUNT OF CEMENT SACKS REQUIRED FOR CEMENT SQUEEZE.
UIC-SPEC-CEMENT-SQZ-2	-	A SECOND CEMENT SQUEEZE IS REQUIRED.
UIC-SPEC-CEMENT-SQZ-2-AMT1	-	DEPTH AT WHICH THE SECOND CEMENT SQUEEZE IS REQUIRED.
UIC-SPEC-CEMENT-SQZ-2-AMT2	-	AMOUNT OF CEMENT SACKS REQUIRED FOR SECOND CEMENT SQUEEZE.
UIC-SPEC-BLOCK-SQZ-SX	-	A BLOCK SQUEEZE ON THE TOP OF ZONE IS REQUIRED.
UIC-SPEC-BLOCK-SQZ-SX-AMT1	-	DEPTH AT WHICH BLOCK SQUEEZE AT TOP OF ZONE IS REQUIRED.
UIC-SPEC-BLOCK-SQZ-SX-AMT2	-	AMOUNT OF CEMENT SACKS NEEDED FOR BLOCK SQUEEZE AT TOP OF ZONE.
UIC-SPEC-BLOCK-SQZ	-	A BLOCK SQUEEZE AT THE BOTTOM OF ZONE IS REQUIRED.
UIC-SPEC-BLOCK-SQZ-AMT	-	DEPTH AT WHICH BLOCK SQUEEZE AT THE BOTTOM OF ZONE IS REQUIRED
UIC-SPEC-SQZ-PERF	-	OPEN PERFORATIONS MUST BE SQUEEZED BEFORE BEGINNING INJECTION
UIC-SPEC-SQZ-PERF-DPTH	-	DEPTH OF THE PERFORATIONS WHICH MUST BE SQUEEZED
UIC-SPEC-BRIDGE-PLUG	-	A BRIDGE PLUG MUST BE SET TO PLUG BACK THE WELL BEFORE BEGINNING INJECTION
UIC-SPEC-BRIDGE-PLUG-DPTH	-	DEPTH AT WHICH WELL MUST BE PLUGGED BACK
UIC-SPEC-FLUID-SOURCE-LIMIT	-	THE SOURCE OF INJECTION FLUIDS FROM THE AUTHORIZED INJECTION ZONE MAY BE RE-INJECTED

UIC-SPEC-PLUG-AREA-WELLS - UNPLUGGED WELLS IN THE AREA MUST BE PLUGGED PRIOR TO BEGINNING INJECTION

UIC-SPEC-PLUG-AREA-WELLS-NO - NUMBER OF WELLS WITHIN THE AREA WHICH MUST BE PLUGGED

UIC-SPEC-PERMIT-EXP - PERMIT IS TEMPORARY AND WILL EXPIRE

UIC-SPEC-PERMIT-EXP-DATE - PERMIT EXPIRATION DATE. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-SPEC-GAS-PLANT - GAS PLANT WASTE IS INJECTED A COMMENT MAY EXIST WITH THIS CONDITION. IF A COMMENT EXISTS, IS WILL BE IN UIC-GAS-PLANT-COMMENT.

UIC-SPEC-OTHER - DENOTES A MISCELLANEOUS SPECIAL CONDITION EXISTS WHICH DOES NOT FIT ANY OF THE SPECIAL CONDITIONS PREVIOUSLY DEFINED. A COMMENT WILL BE STORED IN UIC-SPECIAL-COND-CMT EXPLAINING THE SPECIAL CONDITION.

 UIC-EXCEPTIONS

DATA ITEMS UIC-EXC-TUBING-PACKER THROUGH UIC-EXC-OBSERV-VALUE-DATE DETERMINE WHAT TYPE OF EXCEPTIONS EXISTS FOR THE WELL, AND THE EFFECTIVE DATE OF THE EXCEPTION. THE DATA ITEM WILL CONTAIN A "Y" IF AN EXCEPTION EXISTS. "N" DENOTES NO EXCEPTION EXISTS.

UIC-EXC-TUBING-PACKER - WELL HAS AN EXCEPTION TO THE TUBING AND PACKER REQUIREMENT

UIC-EXC-TUBING-PACKER-DATE - DATE OF THE TUBING PACKER EXCEPTION. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-EXC-PACKER-DEPTH - WELL HAS AN EXCEPTION TO THE PACKER DEPTH SETTING REQUIREMENT.

UIC-EXC-PACKER-DEPTH-DATE - DATE OF THE PACKER DEPTH EXCEPTION. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-EXC-PACKER-DEPTH-AMT - CONTAINS THE APPROVED PACKER DEPTH

UIC-EXC-OBSERV-VALUE - WELL HAS AN EXCEPTION TO THE PRESSURE REQUIREMENT

UIC-EXC-OBSERV-VALUE-DATE - DATE OF THE OBSERVATION VALUE EXCEPTION. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-DPTH-BOT-OF-TOP-ZONE

IF THIS IS NOT A SPLIT ZONE, THIS IS THE DEPTH TO THE BASE OR BOTTOM OF THE DEEPEST USABLE QUALITY GROUND WATER. IF THERE IS A SPLIT ZONE, THIS DATA ITEM CONTAINS THE DEPTH TO THE BASE OF THE USABLE QUALITY GROUND WATER ZONE NEAREST THE GROUND SURFACE.

UIC-DPTH-TOP-OF-SPLIT-ZONE

THIS DATA ITEM CONTAINS THE DEPTH TO THE TOP OF THE SPLIT OR LOWER MOST ZONE OF USABLE QUALITY GROUND WATER.

UIC-DPTH-BOT-OF-SPLIT-ZONE

THIS DATA ITEM CONTAINS THE DEPTH TO THE BOTTOM OF THE SPLIT OR LOWER MOST ZONE OF USABLE QUALITY GROUND WATER.

UIC-LOCATION

THIS DATA ITEM CONTAINS THE LOCATION OF THE WELL BY LEGAL DESCRIPTION (SECTION, BLOCK, AND SURVEY).

UIC-SURVEY-LINES

THIS DATA ITEM CONTAINS THE DISTANCE OF THE WELL FROM SURVEY LINE.

UIC-STATUS

THIS DATA ITEM DETERMINES THE STATUS OF THE UIC FORM. THE STATUS IS STORED AS A 1-CHARACTER CODE DESCRIBED BELOW:

ZERO = FORM HAS NOT BEEN RECEIVED
I = FORM IS INCOMPLETE
C = FORM IS COMPLETE

UIC-GEOTHERMAL

THIS DATA ITEM DETERMINES WHETHER THE WELL IS A GEOTHERMAL WELL. THE FOLLOWING CODES ARE USED.

ZERO = NOT GEOTHERMAL
G = GEOTHERMAL

UIC-MISMATCH

THIS DATA ITEM IS USED AS A WORK AREA WHICH IS UPDATED ONCE A MONTH BY A PROGRAM WHICH DETERMINES IF ANY DISCREPANCIES EXIST BETWEEN THE OPERATOR NUMBER STORED ON THE OIL OR GAS MASTER TAPES AND THE OPERATOR NUMBER STORED ON THE UIC FILE. IT IS REINITIALIZED TO ZERO AFTER THIS MONTHLY RUN.

M = OPERATOR NUMBER WAS NOT UPDATED ON UIC INVENTORY FILE; OPERATOR NUMBERS MATCHED.
O = OPERATOR NUMBER WAS UPDATED ON UIC INVENTORY FILE; OPERATOR NUMBERS DID NOT MATCH.

UIC-DEPTH-BOZ

THIS DATA ITEM CONTAINS THE DEPTH, MEASURED IN FEET, TO THE BOTTOM OF THE PERFORATED ZONE.

UIC-DEPTH-PKR

THIS DATA ITEM CONTAINS THE DEPTH, MEASURED IN FEET, OF TUBING PACKER FOR THIS WELL, AS PROPOSED IN THE PERMIT APPLICATION.

UIC-INJ-MODE

THIS DATA ITEM DETERMINES THE PRIMARY INJECTION MODE USED FOR THIS WELL. IT WILL CONTAIN EITHER A "C" OR A "T."

C = CASING
T = TUBING

UIC-TECHNICIAN-REVIEW-DATE

THIS DATA ITEM CONTAINS THE DATE A TECHNICIAN FROM THE UIC SECTION REVIEWED THE INJECTION/DISPOSAL WELL'S FILE. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-TECHNICIAN-INITIALS

THIS DATA ITEM CONTAINS THE INITIALS OF THE TECHNICIAN WHO REVIEWED THE INJECTION/DISPOSAL WELL'S FILE.

UIC-TECHNICIAN-RESULTS

THIS DATA ITEM CONTAINS THE RESULTS OF THE REVIEW OF THE INJECTION/DISPOSAL WELL'S FILE.

UIC-PROD-CASING-AMT

THIS DATA ITEM CONTAINS THE CASING DIAMETER IN INCHES.

UIC-PROD-CASING-FRACTION-1

THE CASING DIAMETER MAY BE REPORTED AS A FRACTION. THIS DATA ITEM CONTAINS THE NUMERATOR OF THE FRACTION REPORTED.

UIC-PROD-CASING-FRACTION-2

THIS DATA ITEM CONTAINS THE DENOMINATOR OF THE FRACTION REPORTED ON THE CASING DIAMETER.

UIC-PROD-CASING-DEPTH

THIS DATA ITEM CONTAINS THE SETTING DEPTH OF THE CASING; IT IS REPORTED IN FEET.

UIC-PROD-CASING-CEMENT

THIS DATA ITEM CONTAINS THE NUMBER OF SACKS OF CEMENT USED TO CEMENT THE CASING.

UIC-PROD-CASING-TOP-CEMENT

NONNUMERIC DATA MAY EXIST IN THIS AREA. (REFER TO DATA ITEM UIC-PROD-CASING-TOP-COMMENT.) THIS DATA ITEM CONTAINS THE DEPTH (IN FEET) OF THE TOP OF THE CEMENT BEHIND THE PRODUCTION CASING.

UIC-PROD-CASING-TOP-COMMENT

THIS DATA ITEM REDEFINES THE NUMERIC DATA ITEM UIC-PROD-CASING-TOP-CEMENT. THIS DATA ITEM WILL CONTAIN A COMMENT INSTEAD OF AN ACTUAL FIGURE. (EX. "SURF" OR "CIRC" FOR CEMENT CIRCULATED TO GROUND SURFACE).

UIC-PROD-CASING-PKR-DEPTH

THIS DATA ITEM CONTAINS THE DEPTH OF THE PACKER SETTING; IT IS REPORTED IN FEET.

UIC-GAS-PLANT-COMMENT

IF SPECIAL CONDITION UIC-SPEC-GAS-PLANT IS EQUAL TO A "Y," THIS DATA ITEM MAY CONTAIN A COMMENT CONCERNING THE GAS PLANT SPECIAL CONDITION. IF A COMMENT IS NOT ENTERED, THIS ITEM WILL BE ZEROS.

UIC-SPECIAL-COND-CMT

IF A MISCELLANEOUS SPECIAL CONDITION EXISTS OTHER THAN THE SPECIAL CONDITIONS PREVIOUSLY LISTED, A COMMENT WILL BE STORED HERE DESCRIBING THE SPECIAL CONDITION.

UIC-FILE-REVIEW-DATE

ALL WELLS PERMITTED PRIOR TO APRIL 1, 1982, MUST HAVE THE PERMIT REVIEWED. THIS ITEM CONTAINS THE DATE THE FILE WAS REVIEWED TO MEET THE UIC EPA PROGRAM PRIMACY AGREEMENT. THIS DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-FILE-REVIEW-INIT

INITIALS OF INDIVIDUAL PERFORMING THE FILE REVIEW.

UIC-H10-BATCH-CYCLE

THIS FIELD CONTAINS THE CURRENT CYCLE KEY FOR BATCHING H-10 FORMS BY KEY ENTRY WHEN THE UIC-CNTL-NO EQUALS ALL ZEROS.

UIC-H10-BATCH-CURR

THIS FIELD CONTAINS THE NEXT AVAILABLE BATCH NUMBER ASSIGNMENT FOR BATCHING CURRENT CYCLE H-10 FORMS BY KEY ENTRY WHEN THE UIC-CNTL-NO EQUALS ALL ZEROS.

UIC-H10-BATCH-PREV

THIS FIELD CONTAINS THE NEXT AVAILABLE BATCH NUMBER ASSIGNMENT FOR BATCHING PREVIOUS CYCLE H-10 FORMS BY KEY ENTRY WHEN THE UIC-CNTL-NO EQUALS ALL ZEROS.

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**UIW700B3*****
*
* UNDERGROUND INJECTION CONTROL PERMIT REMARKS SEGMENT
*
* SEGMENT NAME:          UIRMK          SEGMENT LENGTH 88
*
* FUNCTION                SOURCE        SSA NAME
* -----
* KEY                     UIC-REMARKS-KEY    UIRMKY
* SEARCH FLD              UIC-REMARKS-TYPE    UIRMKTYP
*
*****
*
01 RAILROAD-COMMISSION-TAPE-REC.          POS.
  02 RRC-TAPE-RECORD-ID                    PIC X(02). 1
  02 UIC-REMARKS-SEGMENT.
    03 UIC-REMARKS-KEY.
      07 UIC-REMARKS-RMK                    PIC 9(03) VALUE ZEROS. 3
      07 UIC-REMARKS-LINE                  PIC 9(02) VALUE ZEROS. 6
    03 UIC-REMARKS-TYPE                    PIC X(02) VALUE SPACES. 8
    03 UIC-REMARKS                        PIC X(60) VALUE SPACES. 10
    03 UIC-REMARK-ID                       PIC X(03) VALUE SPACES. 70
    03 UIC-REMARK-DATE.
      07 UIC-REMARK-CCYY                    PIC 9(04) VALUE ZEROS. 73
      07 FILLER REDEFINES UIC-REMARK-CCYY. 73
        10 UIC-REMARK-CC                    PIC 9(02). 73
        10 UIC-REMARK-YY                    PIC 9(02). 73
      07 UIC-REMARK-MM                      PIC 9(02) VALUE ZEROS. 77
      07 UIC-REMARK-DD                      PIC 9(02) VALUE ZEROS. 79
    03 FILLER                               PIC X(10) VALUE SPACES. 81
  02 RRC-TAPE-FILLER                       PIC X(0532). 91

```

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*****
* DATA DICTIONARY FOR UIC PERMIT REMARKS SEGMENT          04/95 *
*
*     SEGMENT NAME      ==> UIRMK                          *
*
*     KEYS              ==> UIC-REMARK-KEY                 *
*
* COPY MEMBER: UIW700B2                                     *
*
*****

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* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* UIC DATABASE TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS ITEM TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE  TAPE RECORD DESCRIPTION
*
* 02 - UIC PERMIT REMARKS (UIRMK SEGMENT)
*

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-----
UIC-REMARKS-KEY
-----
THIS IS A TWO PART KEY THE FIRST THREE BYTES ARE THE REMARK
NUMBER WHICH IS A DECLINING NUMBER AND THE SECOND TWO BYTES
DENOTE THE LINE WITHIN A REMARK.  THIS ALLOWS THE MOST RECENT
REMARK TO SHOW AS THE FIRST REMARK.
NOTE:  REMARK KEY 0000 IS RESERVED FOR COMPLETION IDENTITY
FOR THE FIRST COMPLETION REFERENCED BY THIS PERMIT.

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UIC-REMARKS-TYPE
-----
THIS IDENTIFIES THE TYPE OF REMARK.  REMARKS MOVED FROM THE
VSAM FILE TO THE DATABASE HAVE 'U1', 'U2', OR 'S1'.  THE
'U' CODES INDICATE INVENTORY REMARKS, AND THE 'S' INDICATES
PERMIT SPECIFIED REMARKS.  IF 'U1' IS DELETED 'U2' ==> 'U1'.

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UIC-REMARKS
-----
THE REMARK MAY BE UP TO 60 CHARACTERS IN LENGTH.

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UIC-REMARK-ID
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THE INITIALS OF THE LAST PERSON WHO UPDATED THE UIC REMARK.

UIC-REMARK-DATE

THE DATE OF THE LAST UPDATE TO UIC REMARK. THE DATE FORMAT IS CCYYMMDD.

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*****
*           OIL & GAS UNDERGROUND INJECTION (UI) DATABASE           *
*           (UIW700C1)                                             *
*                                                                 *
* SEGMENT NAME: UIMONTR                                           LENGTH: 280 *
*-----*
* VARIABLE          | FIELD          | SSA          *
* NAME             | TYPE          | NAME        *
*-----*
* UIC-MONTR-W-STATUS | SEARCH        | UIMWSTAT    *
* UIC-MONTR-H10-TYPE-FLAG | SEARCH        | UIMH10TP    *
*****
* MODIFIED FEB 2011 FOR NEW FORM H10 FLUIDS                        KEM *
*****
01 RAILROAD-COMMISSION-TAPE-REC.                                  POS.
  02 RRC-TAPE-RECORD-ID                                         PIC X(02). 1
  02 UIC-MONITOR-SEGMENT.
    03 UIC-MONTR-W-STATUS                                       PIC 9(1) VALUE ZEROS. 3
    03 UIC-MONTR-FLUIDS.
      05 UIC-MONTR-SW                                           PIC X(1) VALUE 'N'. 4
      05 UIC-MONTR-FW                                           PIC X(1) VALUE 'N'. 5
      05 UIC-MONTR-FRAC-WATER                                   PIC X(1) VALUE 'N'. 6
      05 UIC-MONTR-NRM                                          PIC X(1) VALUE 'N'. 7
      05 UIC-MONTR-CO2                                          PIC X(1) VALUE 'N'. 8
      05 UIC-MONTR-CO2A                                         PIC X(1) VALUE 'N'. 9
      05 UIC-MONTR-GAS                                          PIC X(1) VALUE 'N'. 10
      05 UIC-MONTR-H2S                                          PIC X(1) VALUE 'N'. 11
      05 UIC-MONTR-POLYMER                                      PIC X(1) VALUE 'N'. 12
      05 UIC-MONTR-STEAM                                        PIC X(1) VALUE 'N'. 13
      05 UIC-MONTR-AIR                                         PIC X(1) VALUE 'N'. 14
      05 UIC-MONTR-NITROGEN                                    PIC X(1) VALUE 'N'. 15
      05 UIC-MONTR-OTH                                         PIC X(1) VALUE 'N'. 16
      05 UIC-MONTR-BW                                          PIC X(1) VALUE 'N'. 17
      05 UIC-MONTR-LPG                                         PIC X(1) VALUE 'N'. 18
    03 UIC-MONTR-FLUIDS-PCTS.
      05 UIC-MONTR-SW-PCT                                       PIC 9(03) VALUE ZEROS. 19
      05 UIC-MONTR-FW-PCT                                       PIC 9(03) VALUE ZEROS. 22
      05 UIC-MONTR-FRAC-WATER-PCT                               PIC 9(03) VALUE ZEROS. 25
      05 UIC-MONTR-NORM-PCT                                    PIC 9(03) VALUE ZEROS. 28
      05 UIC-MONTR-CO2-PCT                                     PIC 9(03) VALUE ZEROS. 31
      05 UIC-MONTR-CO2A-PCT                                   PIC 9(03) VALUE ZEROS. 34
      05 UIC-MONTR-GAS-PCT                                    PIC 9(03) VALUE ZEROS. 37
      05 UIC-MONTR-H2S-PCT                                    PIC 9(03) VALUE ZEROS. 40
      05 UIC-MONTR-POLYMER-PCT                                PIC 9(03) VALUE ZEROS. 43
      05 UIC-MONTR-STEAM-PCT                                  PIC 9(03) VALUE ZEROS. 46
      05 UIC-MONTR-AIR-PCT                                    PIC 9(03) VALUE ZEROS. 49
      05 UIC-MONTR-NITROGEN-PCT                              PIC 9(03) VALUE ZEROS. 52
      05 UIC-MONTR-OTHER-PCT                                 PIC 9(03) VALUE ZEROS. 55
      05 UIC-MONTR-BW-PCT                                     PIC 9(03) VALUE ZEROS. 58
      05 UIC-MONTR-LPG-PCT                                    PIC 9(03) VALUE ZEROS. 61

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03 UIC-MONTR-EXCEPTIONS.			
05 UIC-MONTR-EXC-ALT-TEST	PIC X(1) VALUE 'N'.		64
05 UIC-MONTR-EXC-ALT-TEST-DATE.			
10 UIC-MONTR-EXC-ALT-TST-CCYY.			
15 UIC-MONTR-EXC-ALT-TST-CC	PIC 9(2) VALUE ZEROS.		65
15 UIC-MONTR-EXC-ALT-TST-YY	PIC 9(2) VALUE ZEROS.		67
10 UIC-MONTR-EXC-ALT-TST-MM	PIC 9(2) VALUE ZEROS.		69
10 UIC-MONTR-EXC-ALT-TST-DD	PIC 9(2) VALUE ZEROS.		71
03 UIC-MONTR-REC-FLG	PIC X(1) VALUE ZEROS.		73
03 UIC-MONTR-HOLD	PIC X(1) VALUE ZEROS.		74
* THE FOLLOWING DATES ARE FORMATTED MMDDYY.			
03 UIC-MONTR-ISS-DTE.			
05 UIC-MONTR-ISS-CCYY.			
10 UIC-MONTR-ISS-CC	PIC 9(2) VALUE ZEROS.		75
10 UIC-MONTR-ISS-YY	PIC 9(2) VALUE ZEROS.		77
05 UIC-MONTR-ISS-MM	PIC 9(2) VALUE ZEROS.		79
05 UIC-MONTR-ISS-DD	PIC 9(2) VALUE ZEROS.		81
03 UIC-MONTR-REC-DTE.			
05 UIC-MONTR-REC-CCYY.			
10 UIC-MONTR-REC-CC	PIC 9(2) VALUE ZEROS.		83
10 UIC-MONTR-REC-YY	PIC 9(2) VALUE ZEROS.		85
05 UIC-MONTR-REC-MM	PIC 9(2) VALUE ZEROS.		87
05 UIC-MONTR-REC-DD	PIC 9(2) VALUE ZEROS.		89
03 UIC-MONTR-2ND-NOTICE.			
05 UIC-MONTR-2ND-NOTICE-CCYY.			
10 UIC-MONTR-2ND-NTC-CC	PIC 9(2) VALUE ZEROS.		91
10 UIC-MONTR-2ND-NTC-YY	PIC 9(2) VALUE ZEROS.		93
05 UIC-MONTR-2ND-NTC-MM	PIC 9(2) VALUE ZEROS.		95
05 UIC-MONTR-2ND-NTC-DD	PIC 9(2) VALUE ZEROS.		97
03 UIC-MONTR-DEL-NOTICE.			
05 UIC-MONTR-DEL-NOTICE-CCYY.			
10 UIC-MONTR-DEL-NTC-CC	PIC 9(2) VALUE ZEROS.		99
10 UIC-MONTR-DEL-NTC-YY	PIC 9(2) VALUE ZEROS.		101
05 UIC-MONTR-DEL-NTC-MM	PIC 9(2) VALUE ZEROS.		103
05 UIC-MONTR-DEL-NTC-DD	PIC 9(2) VALUE ZEROS.		105
03 UIC-MONTR-CYCLE-CCYY.			
05 UIC-MONTR-CYCLE-CC	PIC 9(2) VALUE ZEROS.		107
05 UIC-MONTR-CYCLE-YR	PIC 9(2) VALUE ZEROS.		109
03 UIC-MONTR-FW-AVG-OR-MAX	PIC X(1) VALUE SPACE.		111
03 UIC-MONTR-FW-BBLS-DAY	PIC 9(5) VALUE ZEROS.		112
03 UIC-MONTR-FW-SOURCE	PIC X(15) VALUE SPACES.		117
03 UIC-MONTR-ALT-RPTING	PIC X(1) VALUE ZEROS.		132
03 UIC-MONTR-OPT-RPTING	PIC X(1) VALUE ZEROS.		133
03 UIC-MONTR-INJ-FLU-FLAG	PIC X(1) VALUE ZEROS.		134
03 UIC-MONTR-FLUID-CMT	PIC X(75) VALUE ZEROS.		135
03 UIC-MONTR-W-STAT-CMT	PIC X(20) VALUE ZEROS.		210
03 UIC-MONTR-TOP-INJ-ZONE	PIC 9(5) VALUE ZEROS.		230
03 UIC-MONTR-TBG-CSG-ANN-TST-DTE.			

05 UIC-MONTR-ANN-TST-CCYY.		
10 UIC-MONTR-ANN-TST-CC	PIC 9(2) VALUE ZEROS.	235
10 UIC-MONTR-ANN-TST-YY	PIC 9(2) VALUE ZEROS.	237
05 UIC-MONTR-ANN-TST-MM	PIC 9(2) VALUE ZEROS.	239
03 UIC-MONTR-PRESS-GT-ZERO	PIC X(1) VALUE ZEROS.	241
03 UIC-MONTR-TBG-CSG-ANN-MON	PIC X(4) VALUE SPACES.	242
88 REQUIRED	VALUE 'REQD'.	
88 OPTION	VALUE 'OPT '.	
88 VOID	VALUE 'VOID'.	
03 UIC-MONTR-TBG-CSG-AVG-READ	PIC 9(2) VALUE ZEROS.	246
03 UIC-OLD-STATUS-5-FLAG	PIC X(1) VALUE SPACES.	248
88 UIC-OLD-STATUS-5	VALUE 'Y'.	
03 UIC-NEW-FORM-FLAG	PIC X(1) VALUE SPACES.	249
88 UIC-NEW-FORM	VALUE 'Y'.	
03 UIC-MONTR-DUE-DATE.		
05 UIC-MONTR-DUE-YEAR	PIC 9(4) VALUE ZEROS.	250
05 UIC-MONTR-DUE-MONTH	PIC 9(2) VALUE ZEROS.	254
03 UIC-MONTR-H10-TYPE-FLAG	PIC X(1) VALUE SPACES.	256
88 UIC-MONTR-H10-SENT	VALUE 'H'.	
88 UIC-MONTR-H10H-SENT	VALUE 'Z'.	
03 FILLER	PIC X(26) VALUE ZEROS.	257
02 RRC-TAPE-FILLER	PIC X(0340).	283

```

*****
*           DATA DICTIONARY FOR UIC MONITOR SEGMENT           09/93 *
*
*           SEGMENT NAME           ==> UIMONTR                 *
*           KEYS                   ==> NONE                   *
*
*           >> REVISED OCTOBER 2011                          *
*****

```

UIC-MONITOR-SEGMENT

```

* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* UIC DATABASE TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS ITEM TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE  TAPE RECORD DESCRIPTION
*
* 03 - UIC MONITORING DATA (UIMONTR SEGMENT)
*

```

THIS SEGMENT CONTAINS ALL MONITOR-SPECIFIC DATA FOR THE
UIC CONTROL NUMBER OF THE ROOT SEGMENT.

UIC-MONTR-W-STATUS

THIS DATA ITEM CONTAINS THE INJECTION STATUS OF THE WELL
AS REPORTED ON THE MOST RECENT H-10 FORM RETURNED. THE
FOLLOWING IS A LIST OF STATUS CODES.

- 1 = AUTHORIZED BY RRC TO INJECT BUT NOT YET DRILLED
- 2 = DRILLED BUT NOT YET COMPLETED
- 3 = ACTIVE
- 4 = TEMPORARILY ABANDONED
- 5 = OTHER; COMMENT WILL BE IN UIC-MONTR-W-STAT-CMT

UIC-MONTR-FLUIDS

DATA ITEMS UIC-MONTR-SW THROUGH UIC-MONTR-OTHER
DETERMINE WHAT TYPE OF INJECTION WAS REPORTED ON THE
LATEST MONITORING FORM. IF THE FIELD IS SET TO A "Y,"
THE WELL WAS REPORTED AS BEING INJECTED WITH THE
DEFINED FLUID OR GAS.

UIC-MONTR-SW	-	WELL IS INJECTED WITH SALT WATER
UIC-MONTR-FW	-	WELL IS INJECTED WITH FRESH WATER
UIC-MONTR-BW	-	WELL IS INJECTED WITH BRACKISH WATER
UIC-MONTR-AIR	-	WELL IS INJECTED WITH AIR
UIC-MONTR-GAS	-	WELL IS INJECTED WITH GAS
UIC-MONTR-LPG	-	WELL IS INJECTED WITH LPG
UIC-MONTR-CO2	-	WELL IS INJECTED WITH CO2
UIC-MONTR-POLYMER	-	WELL IS INJECTED WITH POLYMER
UIC-MONTR-FRAC-WATER	-	WELL IS INJECTED WITH FRAC WATER
UIC-MONTR-H2S	-	WELL IS INJECTED HYDROGEN SULFIDE
UIC-MONTR-STEAM	-	WELL IS INJECTED WITH STEAM
UIC-MONTR-NITROGEN	-	WELL IS INJECTED WITH NITROGEN
UIC-MONTR-OTHER	-	WELL IS INJETED WITH OTHER FLUID

UIC-MONTR-FLUIDS-PCTS.

DATA ITEMS UIC-MONTR-SW-PCT THROUGH UIC-MONTR-OTHER-PCT
ARE THE PERCENTAGES OF TYPE FLUID INJECTION THAT WAS
REPORTED ON THE LATEST H10 FORM.
THE PERCENTAGES ARE STORED IN WHOLE NUMBERS.

UIC-MONTR-SW-PCT
UIC-MONTR-FW-PCT
UIC-MONTR-FRAC-WATER-PCT
UIC-MONTR-NORM-PCT
UIC-MONTR-CO2-PCT
UIC-MONTR-CO2A-PCT
UIC-MONTR-GAS-PCT
UIC-MONTR-H2S-PCT
UIC-MONTR-POLYMER-PCT
UIC-MONTR-STEAM-PCT
UIC-MONTR-AIR-PCT
UIC-MONTR-NITROGEN-PCT
UIC-MONTR-OTHER-PCT
UIC-MONTR-BW-PCT
UIC-MONTR-LPG-PCT

UIC-MONTR-EXCEPTIONS

UIC-MONTR-EXC-ALT-TEST - ALTERNATE TEST MONITOR
HAS BEEN APPROVED AS AN
ALTERNATIVE TO THE
5-YEAR TEST REQUIREMENT.

UIC-MONTR-EXC-ALT-TEST-DATE -DATE ALTERNATE TEST WAS
APPROVED. DATE IS STORED

IN CCYYMMDD FORMAT.

UIC-MONTR-REC-FLG

THIS DATA ITEM INDICATES WHETHER THE MONITOR FORM HAS BEEN RECEIVED FOR THE CURRENT PERIOD.

Y = YES
N = NO

UIC-MONTR-HOLD

THIS DATA ITEM IS USED TO PREVENT THE H-10 FORM FROM BEING MAILED, PREVENT THE SECOND-NOTICE LETTER FROM BEING MAILED, OR DELAYING THE PRINTING OF THIS WELL ON THE THIRD-NOTICE LISTING.

Y = HOLD FROM MAIL OR LISTING
N = DO NOT HOLD

UIC-MONTR-ISS-DTE

THIS DATA ITEM CONTAINS THE DATE THE H-10 FORM WAS PRINTED FOR THIS WELL. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-MONTR-REC-DTE

THIS DATA ITEM CONTAINS THE DATE THE LAST H-10 FORM FOR THIS WELL WAS RECEIVED AND KEYED. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-MONTR-2ND-NOTICE

THIS DATA ITEM CONTAINS THE DATE THE SECOND-NOTICE LETTER WAS SENT TO THE OPERATOR OF THE WELL. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-MONTR-DEL-NOTICE

THIS DATA ITEM CONTAINS THE DATE THIS WELL WAS FIRST PLACED ON THE DELINQUENT LIST. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

UIC-MONTR-CYCLE-YR

EACH WELL'S REPORTING CYCLE IS DETERMINED BY THE FIELD IN WHICH THE WELL IS LOCATED. THE REPORTING CYCLE CONSISTS OF 12 MONTHS. THIS DATA ITEM CONTAINS THE YEAR OF THE FIRST MONTH OF THE REPORTING CYCLE. YEAR DATE IS IN CCYY FORMAT.

UIC-MONTR-FW-AVG-OR-MAX

THIS DATA ITEM DETERMINES WHETHER THE FRESH-WATER BARRELS REPORTED IS AN AVERAGE OR A MAXIMUM AMOUNT.

SPACE = HAS NOT BEEN REPORTED

A = AVERAGE

M = MAXIMUM

UIC-MONTR-FW-BBLS-DAY

THIS DATA ITEM CONTAINS EITHER THE AVERAGE OR MAXIMUM FRESHWATER BARRELS INJECTED PER DAY DEPENDING ON THE UIC-MONTR-FW-AVG-OR-MAX DATA ITEM.

UIC-MONTR-FW-SOURCE

THIS DATA ITEM DETERMINES THE SOURCE OF THE FRESH WATER.

UIC-MONTR-ALT-RPTING

THIS DATA ITEM DETERMINES WHETHER AN ALTERNATE ANNULUS-REPORTING METHOD WAS USED.

Y = YES

ZERO = HAS NOT REPORTED AN ALTERNATE ANNULUS-REPORTING METHOD.

UIC-MONTR-OPT-RPTING

THIS DATA ITEM DETERMINES WHETHER AN ALTERNATE ANNULUS-REPORTING METHOD IS OPTIONAL.

Y = YES

ZERO = HAS NOT REPORTED AN ALTERNATE ANNULUS-REPORTING METHOD.

UIC-MONTR-INJ-FLU-FLAG

THIS DATA ITEM DETERMINES WHETHER THE INJECTION FLUIDS ARE PRODUCED FROM SOURCES OTHER THAN THE WELL'S OWN SOURCES.

Y = YES
N = NO
ZERO = HAS NOT REPORTED INJECTION FLUIDS

UIC-MONTR-FLUID-CMT

IF A TYPE OF INJECTION EXISTS OTHER THAN THE TYPE PREVIOUSLY LISTED, A COMMENT IS STORED HERE EXPLAINING THE TYPE OF INJECTION.

UIC-MONTR-W-STAT-CMT

IF A "5" IS STORED IN UIC-MONTR-W-STATUS, THE WELL HAS A DIFFERENT TYPE OF STATUS OTHER THAN THE ONES LISTED. A COMMENT IS STORED HERE EXPLAINING THE STATUS.

UIC-MONTR-TOP-INJ-ZONE

THIS DATA ITEM CONTAINS THE DEPTH TO THE TOP OF THE INJECTION ZONE AS REPORTED ON THE UIC MONITOR FORM (H-10).

UIC-MONTR-TBG-CSG-ANN-TST-DTE

THIS DATA ITEM CONTAINS THE DATE A TUBING/CASING ANNULUS PRESSURE TEST WAS PERFORMED. IT IS STORED IN CCYYMM FORMAT.

UIC-MONTR-PRESS-GT-ZERO

THIS DATA ITEM DETERMINES WHETHER THE PRESSURE REPORTED ON THE PRESSURE TEST IS GREATER THAN ZERO.

Y = YES
N = NO
ZERO = NOT REPORTED YET

UIC-MONTR-TBG-CSG-ANN-MON

THIS DATA ITEM DESCRIBES THE TUBING-CASING ANNULUS MONITORING STATUS OF THE WELL:

REQD = PERMIT REQUIRES ANNULUS MONITORING
VOID = WELL INJECTS DOWN CASING
OPT = DEFAULT VALUE IF NONE OF THE ABOVE APPLY

UIC-MONTR-TBG-CSG-AVG-READ

THIS DATA ITEM CONTAINS THE AVERAGE NUMBER OF TUBING-CASING ANNULUS READINGS FOR AN AVERAGE MONTH.

UIC-MONTR-OLD-STATUS-5-FLAG

THIS DATA ITEM IS A FLAG INDICATING THE STATUS '5' REFERS A PREVIOUS VERSION OF FORM H-10 PRIOR TO 1993 WHEN VALUE = 'Y'.

UIC-MONTR-NEW-FORM-FLAG

THIS DATA ITEM INDICATES THAT THIS FILING WAS MADE ON A VERSION OF H-10 PRIOR OR AFTER 1993.

UIC-MONTR-95-FLUIDS

THESE ADDITIONAL FIELDS SUPPLEMENT THOS FIELDS WHICH DETERMINE WHAT TYPE OF INJECTION WAS REPORTED ON THE LATEST MONITORING FORM. IF THE FIELD IS SET TO A "Y," THE WELL WAS REPORTED AS BEING INJECTED WITH THE DEFINED FLUID OR GAS. THESE WERE ADDED IN 1995.
UIC-MONTR-NRM - WELL IS INJECTED WITH NATURALLY OCCURING RADIOACTIVE MATERIAL
UIC-MONTR-OTHER -WELL IS INJECTED WITH UNDEFINED FLUID OR GAS.

UIC-MONTR-DUE-DATE

THE CCYYMM DATE THE H-10 IS NEXT DUE.

UIC-MONTR-H10-TYPE-FLAG

INDICATES WHETHER H-10 OR H-10H WAS SENT.

```

*****
*              OIL & GAS UNDERGROUND INJECTION (UI) DATABASE              *
*              (UIW700D2)                                                *
*                                                                           *
* SEGMENT NAME: UIMNH10                      LENGTH: 42                *
*-----*
* VARIABLE | FIELD | SSA | *
* NAME    | TYPE  | NAME | *
*-----*
* MN-H10-KEY | KEY | MNH10KEY | *
* MN-H10-DOCUMENT-ID | SECONDARY INDEX | XH10BTCH | *
*****
*

```

```

01 RAILROAD-COMMISSION-TAPE-REC. POS.
02 RRC-TAPE-RECORD-ID PIC X(02). 1
02 UIC-MN-H10-SEGMENT.
03 MN-H10-KEY.
05 MN-H10-CCYY.
10 MN-H10-CENTURY PIC 9(2). 3
10 MN-H10-YEAR PIC 9(2). 5
05 MN-H10-MONTH PIC 9(2). 7
03 MN-H10-AVG-INJ-PRESSURE PIC 9(4) COMP-3. 9
03 MN-H10-AVG-INJ-SPACE REDEFINES
MN-H10-AVG-INJ-PRESSURE PIC X(3).
03 MN-H10-MAX-INJ-PRESSURE PIC 9(4) COMP-3. 12
03 MN-H10-MAX-INJ-SPACE REDEFINES
MN-H10-MAX-INJ-PRESSURE PIC X(3).
03 MN-H10-TOTAL-VOL-BBL PIC 9(8) COMP-3. 15
03 MN-H10-TOTAL-VOL-BBL-SPACE REDEFINES
MN-H10-TOTAL-VOL-BBL PIC X(5).
03 MN-H10-TOTAL-VOL-MCF PIC 9(8) COMP-3. 20
03 MN-H10-TOTAL-VOL-MCF-SPACE REDEFINES
MN-H10-TOTAL-VOL-MCF PIC X(5).
03 MN-H10-ANNULUS-MINIMUM PIC 9(4) COMP-3. 25
03 MN-H10-ANNULUS-MINIMUM-SPACE REDEFINES
MN-H10-ANNULUS-MINIMUM PIC X(3).
03 MN-H10-ANNULUS-MAXIMUM PIC 9(4) COMP-3. 28
03 MN-H10-ANNULUS-MAXIMUM-SPACE REDEFINES
MN-H10-ANNULUS-MAXIMUM PIC X(3).
03 MN-H10-ANNULUS-COUNT PIC 9(2). 31
03 MN-H10-ANNULUS-COUNT-SPACE REDEFINES
MN-H10-ANNULUS-COUNT PIC X(2).
03 MN-H10-DOCUMENT-ID.
05 MN-H10-DOCUMENT-CYCLE PIC 9(4) VALUE ZERO. 33
05 MN-H10-DOCUMENT-BATCH PIC 9(4) VALUE ZERO. 37
05 MN-H10-DOCUMENT-ITEM PIC 9(4) VALUE ZERO. 41
02 RRC-TAPE-FILLER PIC X(0578). 45

```



```

*****
*          DATA DICTIONARY FOR UIC MONITOR H-10 SEGMENT      12/87  *
*
*          SEGMENT NAME      =====> UIMNH10                *
*
*          KEY                =====> MN-H10-KEY            *
*
*
*
*****

```

```

*
* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* UIC DATABASE TAPE'S RECORD ID.  CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS ITEM TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE  TAPE RECORD DESCRIPTION
*
* 04 - H-10 (MONTHLY MONITOR) DATA (UIMNH10 SEGMENT)
*

```

```

-----
UIC-MN-H10-SEGMENT
-----

```

EACH OPERATOR OF AN INJECTION/DISPOSAL WELL IS REQUIRED TO SUBMIT AN ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT (FORM H-10). THE MONTHLY MONITORING FILE RECORDS THE MONTHLY INFORMATION SUBMITTED ON THE FORM H-10. THE FOLLOWING DESCRIBES THE MONTHLY MONITOR RECORD.

```

-----
MN-H10-KEY
-----

```

THE KEY TO THE FILE IS COMPOSED OF THE MN-H10-YEAR AND MN-H10-MONTH. THIS UNIQUELY IDENTIFIES EACH MONTH'S DATA SUBMITTED.

- ```

```
- MN-H10-CCYY - CONTAINS THE CENTURY AND YEAR WHICH THE INFORMATION WAS REPORTED.
  - MN-H10-MONTH - CONTAINS THE MONTH FOR WHICH THE INFORMATION WAS REPORTED.

```

MN-H10-AVG-INJ-PRESSURE

```

THE AVERAGE INJECTION PRESSURE REPORTED IN POUNDS  
PER SQUARE INCH. VALUED SPACES IF NOT REPORTED.

-----

MN-H10-MAX-INJ-PRESSURE

-----

THE MAXIMUM INJECTION PRESSURE REPORTED IN POUNDS  
PER SQUARE INCH. VALUED SPACES IF NOT REPORTED.

-----

MN-H10-TOTAL-VOL-BBL

-----

TOTAL VOLUME INJECTED (IN BARRELS). VALUED SPACES IF NOT  
REPORTED.

-----

MN-H10-TOTAL-VOL-MCF

-----

TOTAL VOLUME INJECTED (IN MCF). VALUED SPACES IF NOT REPORTED.

-----

MN-H10-ANNULUS-MINIMUM

-----

MINIMUM ANNULUS PRESSURE REPORTED IN POUNDS PER  
SQUARE INCH. VALUED SPACES IF NOT REPORTED.

-----

MN-H10-ANNULUS-MAXIMUM

-----

MAXIMUM ANNULUS PRESSURE REPORTED IN POUNDS PER  
SQUARE INCH. VALUED SPACES IF NOT REPORTED.

-----

MN-H10-ANNULUS-COUNT

-----

THE NUMBER OF READINGS PERFORMED ON THE MINIMUM AND  
MAXIMUM ANNULUS PRESSURES. VALUED SPACES IF NOT REPORTED.

-----

MN-H10-DOCUMENT-ID

-----

UNIQUE RECORD ID CONSISTING OF CYCLE (INTERNAL NUMBER),  
BATCH NUMBER AND ITEM NUMBER WITHIN BATCH.

```

* UIW700L2 *
* UNDERGROUND INJECTION CONTROL H-10H STORAGE WELL MONTHLY MONITOR SEGMENT *
* * *
* SEGMENT NAME: UIMNH10H SEGMENT LENGTH 39 *
* * *
* FUNCTION SOURCE SSA NAME *
* ----- ----- ----- *
* KEY MN-H10H-KEY MNH10HKY *
* * *

*
01 RAILROAD-COMMISSION-TAPE-REC. POS.
 02 RRC-TAPE-RECORD-ID PIC X(02). 1
 02 UIC-MN-H10H-SEGMENT.
 03 MN-H10H-KEY.
 05 MN-H10H-CCYY.
 10 MN-H10H-CENTURY PIC 9(2) VALUE ZEROS. 3
 10 MN-H10H-YEAR PIC 9(2) VALUE ZEROS. 5
 05 MN-H10H-MONTH PIC 9(2) VALUE ZEROS. 7
* ----- MAXIMUM PRESSURES ----- *
 03 MN-H10H-MAX-HYDROCARB-PSIG COMP-3 PIC 9(5) VALUE ZEROS. 9
 03 MN-H10H-MAX-HYDROCARB-PSIG-X REDEFINES
 MN-H10H-MAX-HYDROCARB-PSIG PIC X(3).
 03 MN-H10H-MAX-BRINE-PSIG COMP-3 PIC 9(5) VALUE ZEROS. 12
 03 MN-H10H-MAX-BRINE-PSIG-X REDEFINES
 MN-H10H-MAX-BRINE-PSIG PIC X(3).
* ----- NET VOLUMES INJECTED OR WITHDRAWN ----- *
 03 MN-H10H-INJ-BRINE-BBLS COMP-3 PIC S9(9) VALUE ZEROS. 15
 03 MN-H10H-INJ-BRINE-BBLS-X REDEFINES
 MN-H10H-INJ-BRINE-BBLS PIC X(5).

 03 MN-H10H-INJ-HYDROCARB-BBLS COMP-3 PIC S9(9) VALUE ZEROS. 18
 03 MN-H10H-INJ-HYDROCARB-BBLS-X REDEFINES
 MN-H10H-INJ-HYDROCARB-BBLS PIC X(5).

 03 MN-H10H-INJ-GAS-MCF COMP-3 PIC S9(9) VALUE ZEROS. 21
 03 MN-H10H-INJ-GAS-MCF-X REDEFINES
 MN-H10H-INJ-GAS-MCF PIC X(5).
 03 FILLER PIC X(3) VALUE SPACES. 26
 03 MN-H10H-DOCUMENT-ID.
 05 MN-H10H-DOCUMENT-CYCLE COMP-3 PIC 9(4) VALUE ZEROS. 29
 05 MN-H10H-DOCUMENT-BATCH COMP-3 PIC 9(4) VALUE ZEROS. 32
 05 MN-H10H-DOCUMENT-ITEM COMP-3 PIC 9(4) VALUE ZEROS. 35
02 RRC-TAPE-FILLER PIC X(0581). 42

```

\*\*\*\*\*  
 \* DATA DICTIONARY FOR UIC H-10H DETAIL SEGMENT 12/95 \*  
 \*  
 \* SEGMENT NAME =====> UIMNH10H \*  
 \*  
 \*\*\*\*\*

-----  
 UIC-MN-H10H-SEGMENT  
 -----

EACH OPERATOR OF AN INJECTION/DISPOSAL WELL IN A SALT

\*

\* -----

\* RRC-TAPE-RECORD-ID

\* -----

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

\*

\* REC ID

\* VALUE TAPE RECORD DESCRIPTION

\*

\* 05 - H-10H (MONTHLY MONITOR) DATA (UIMNH10H SEGMENT)

\*

FORMATION, REGULATED BY STATEWIDE RULE 95 AND 97, IS  
 REQUIRED TO SUBMIT AN ANNUAL DISPOSAL/INJECTION WELL  
 MONITORING REPORT (FORM H-10H). THIS SEGMENT RECORDS  
 THE MONTHLY DATA.

-----  
 UIC-MN-H10H-KEY  
 -----

THE REPORTING YEAR AND MONTH (CCYYMM) FOR THIS DATA.

-----  
 MN-H10H-MAX-HYDROCARB-PSIG  
 -----

THE MAXIMUM WELLHEAD PRESSURES (ITEM 13) FOR THIS MONTH  
 FOR HYDROCARBON OR GAS.

-----  
 MN-H10H-MAX-BRINE-PSIG  
 -----

THE MAXIMUM WELLHEAD PRESSURES (ITEM 13) FOR THIS MONTH  
 FOR BRINE.

-----  
 MN-H10H-INJ-BRINE-BBLS  
 -----

THE NET VOLUME INJECTED FOR BRINE (MAY BE NEGATIVE

FOR WITHDRAWALS) IN BARRELS PER MONTH.

-----  
MN-H10H-INJ-HYDROCARB-BBLS  
-----

THE NET VOLUME INJECTED FOR HYDROCARBON (MAY BE NEGATIVE FOR WITHDRAWALS) IN BARRELS PER MONTH.

-----  
MN-H10H-INJ-GAS-MCF  
-----

THE NET VOLUME INJECTED FOR GAS (MAY BE NEGATIVE FOR WITHDRAWALS) IN THOUSANDS OF CUBIC FEET PER MONTH.

-----  
MN-H10H-DOCUMENT-ID  
-----

INDICATES THE PROCESSING CYCLE, BATCH NUMBER AND ITEM NUMBER WITHIN THE BATCH.

```

*
* UNDERGROUND INJECTION CONTROL MONITOR REMARKS SEGMENT *
*
* SEGMENT NAME: UIMNRMK *
*
* FUNCTION SOURCE SSA NAME *
* ----- *
* SEARCH FLD MN-REMARKS-TYPE MNRMKTYP *
*

```

```

*
01 RAILROAD-COMMISSION-TAPE-REC. POS.
 02 RRC-TAPE-RECORD-ID PIC X(02). 1
 02 UIC-MN-REMARKS-SEGMENT.
 03 MN-REMARKS-TYPE PIC X(02). 3
 03 MN-REMARKS PIC X(60). 5
 03 FILLER PIC X(03). 65
 02 RRC-TAPE-FILLER PIC X(0555). 68

```

```

* DATA DICTIONARY FOR UIC MONITOR REMARKS SEGMENT 12/87 *
*
* SEGMENT NAME ==> UIMNRMK *
*
* KEYS ==> NONE *
*
*

```

```

*
* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* UIC DATABASE TAPE'S RECORD ID. CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS ITEM TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE TAPE RECORD DESCRIPTION
*
* 06 - UIC MONITOR REMARKS (UIMNRMK SEGMENT)
*

```

```

MN-REMARKS-TYPE

THIS IDENTIFIES THE SEQUENCE OF THE REMARKS. 'M1', 'M2', & 'M3'
ARE VALID. IF 'M1' IS DELETED, 'M2' BECOMES 'M1', ETC.

```

```

MN-REMARKS

THE REMARK MAY BE UP TO 60 CHARACTERS IN LENGTH.

```

```

** UIW700F3 *****
*
* UNDERGROUND INJECTION CONTROL H-5 SEGMENT
*
* SEGMENT NAME: UIH5 LENGTH: 300 BYTES
*
* FUNCTION SOURCE SSA NAME
* -----
* KEY FLD UIC-H5-KEY UIH5KEY
* SEARCH FLD UIC-H5-DUE-DATE UIH5DUE (DUPES)
* SEARCH FLD UIC-H5-TEST-DATE UIH5TST (DUPES)
*

*
01 RAILROAD-COMMISSION-TAPE-REC. POS.
 02 RRC-TAPE-RECORD-ID PIC X(02). 1
 02 UIC-H5-SEGMENT.
 03 UIC-H5-KEY.
 05 UIC-H5-TEST-DATE-KEY PIC 9(08) VALUE ZEROS. 3
 05 UIC-H5-TEST-SEQ-NUM PIC 9(2) VALUE ZEROS. 11
 03 UIC-H5-SEGM-PRIOR-1992.
 05 UIC-H5-DUE-DATE.
 10 UIC-H5-DUE-CCYY.
 15 UIC-H5-DUE-CC PIC 9(2) VALUE ZEROS. 13
 15 UIC-H5-DUE-YY PIC 9(2) VALUE ZEROS. 15
 10 UIC-H5-DUE-MM PIC 9(2) VALUE ZEROS. 17
 10 UIC-H5-DUE-DD PIC 9(2) VALUE ZEROS. 19
 05 UIC-H5-RECEIVED-DATE.
 10 UIC-H5-RECEIVED-CCYY.
 15 UIC-H5-RECEIVED-CC PIC 9(2) VALUE ZEROS. 21
 15 UIC-H5-RECEIVED-YY PIC 9(2) VALUE ZEROS. 23
 10 UIC-H5-RECEIVED-MM PIC 9(2) VALUE ZEROS. 25
 10 UIC-H5-RECEIVED-DD PIC 9(2) VALUE ZEROS. 27
 05 UIC-H5-SCHEDULE-TYPE PIC X(1) VALUE SPACE. 29
 05 UIC-H5-SCHEDULE-FLAG PIC X(1) VALUE SPACE. 30
 88 WELL-HAS-BEEN-SCHEDULED VALUE 'Y'.
 05 UIC-H5-SCHEDULED-DATE.
 10 UIC-H5-SCHEDULED-CCYY.
 15 UIC-H5-SCHEDULED-CC PIC 9(2) VALUE ZEROS. 31
 15 UIC-H5-SCHEDULED-YY PIC 9(2) VALUE ZEROS. 33
 10 UIC-H5-SCHEDULED-MM PIC 9(2) VALUE ZEROS. 35
 10 UIC-H5-SCHEDULED-DD PIC 9(2) VALUE ZEROS. 37
 05 UIC-H5-2ND-NOTICE-DATE.
 10 UIC-H5-2ND-NOTICE-CCYY.
 15 UIC-H5-2ND-NOTICE-CC PIC 9(2) VALUE ZEROS. 39
 15 UIC-H5-2ND-NOTICE-YY PIC 9(2) VALUE ZEROS. 41
 10 UIC-H5-2ND-NOTICE-MM PIC 9(2) VALUE ZEROS. 43
 10 UIC-H5-2ND-NOTICE-DD PIC 9(2) VALUE ZEROS. 45

```



|                                                         |                         |     |
|---------------------------------------------------------|-------------------------|-----|
| * H5-MIT-CYCLE IS FROM THE PRESSURE TESTS IN 1985-86,   |                         |     |
| * AND MAY NOT BE NEEDED SINCE THE 1987 H-5 TESTS BEGAN. |                         |     |
| 05 UIC-H5-MIT-CYCLE-TYPE                                | PIC 9(1) VALUE ZEROS.   | 47  |
| 05 UIC-H5-MIT-CYCLE-TO-DATE.                            |                         |     |
| 10 UIC-H5-MIT-CYCLE-TO-DATE-CCYY.                       |                         |     |
| 15 UIC-H5-MIT-CYCLE-TO-DATE-CC                          | PIC 9(2) VALUE ZEROS.   | 48  |
| 15 UIC-H5-MIT-CYCLE-TO-DATE-YY                          | PIC 9(2) VALUE ZEROS.   | 50  |
| 10 UIC-H5-MIT-CYCLE-TO-DATE-MM                          | PIC 9(2) VALUE ZEROS.   | 52  |
| 03 UIC-H5-PACKER-DEPTH                                  | PIC 9(5) VALUE ZEROS.   | 54  |
| 03 UIC-H5-TEST-DATE.                                    |                         |     |
| 05 UIC-H5-TEST-CCYY.                                    |                         |     |
| 10 UIC-H5-TEST-CC                                       | PIC 9(02) VALUE ZEROS.  | 59  |
| 10 UIC-H5-TEST-YY                                       | PIC 9(02) VALUE ZEROS.  | 61  |
| 05 UIC-H5-TEST-MM                                       | PIC 9(02) VALUE ZEROS.  | 63  |
| 05 UIC-H5-TEST-DD                                       | PIC 9(02) VALUE ZEROS.  | 65  |
| 03 UIC-H5-COMPL-TOP-INJ                                 | PIC 9(05) VALUE ZEROS.  | 67  |
| 03 UIC-H5-COMPL-BOT-INJ                                 | PIC 9(05) VALUE ZEROS.  | 72  |
| 03 UIC-H5-TBG-CSG-MNTR-DT.                              |                         |     |
| 05 UIC-H5-TBG-CSG-MNTR-YEAR.                            |                         |     |
| 10 UIC-H5-TBG-CSG-MNTR-CC                               | PIC 9(02) VALUE ZEROS.  | 77  |
| 10 UIC-H5-TBG-CSG-MNTR-YY                               | PIC 9(02) VALUE ZEROS.  | 79  |
| 05 UIC-H5-TBG-CSG-MNTR-MM                               | PIC 9(02) VALUE ZEROS.  | 81  |
| 03 UIC-H5-POSITIVE-PRESS                                | PIC X(1) VALUE SPACES.  | 83  |
| 03 UIC-H5-TYPE-MIT                                      | PIC X(3) VALUE SPACES.  | 84  |
| 88 TYPE-H5                                              | VALUE 'H-5'.            |     |
| 88 TYPE-ALTERNATE                                       | VALUE 'ALT'.            |     |
| 88 TYPE-TCAM                                            | VALUE 'TCM'.            |     |
| 03 UIC-H5-ALTERNATE-CODE                                | PIC 9(1) VALUE ZEROS.   | 87  |
| 88 VALID-ALTER-CODE                                     | VALUE 1, 2, 3.          |     |
| 88 TRACER-SURVEY                                        | VALUE 1.                |     |
| 88 TEMP-SURVEY                                          | VALUE 2.                |     |
| 88 ANN-FLUID-LEVEL                                      | VALUE 3.                |     |
| 03 UIC-H5-WELL-STATUS                                   | PIC 9(1) VALUE ZEROS.   | 88  |
| 88 VALID-STATUS                                         | VALUE 1, 2, 3, 4, 5.    |     |
| 88 AUTH-INJ-NOT-DRILLED                                 | VALUE 1.                |     |
| 88 DRILLED-NOT-COMPL                                    | VALUE 2.                |     |
| 88 ACTIVE                                               | VALUE 3.                |     |
| 88 TEMP-ABANDONED                                       | VALUE 4.                |     |
| 88 OTHER-STATUS                                         | VALUE 5.                |     |
| 03 UIC-H5-WELL-STATUS-CMT                               | PIC X(23) VALUE SPACES. | 89  |
| 03 UIC-H5-REASON-FOR-TEST                               | PIC X(04) VALUE SPACES. | 112 |
| 88 5-YEAR-TEST                                          | VALUE '5-YR'.           |     |
| 88 ANNUAL-TEST                                          | VALUE 'ANNU'.           |     |
| 88 AFTER-WORKOVER                                       | VALUE 'WKOV'.           |     |
| 88 INITIAL-TEST                                         | VALUE 'INIT'.           |     |
| 88 OTHER-REASON                                         | VALUE 'OTHR'.           |     |
| 03 UIC-H5-OTHER-TEST-REASON                             | PIC X(20) VALUE SPACES. | 116 |
| 03 UIC-H5-RETEST-FLAG                                   | PIC X(1) VALUE 'N'.     | 136 |
| 88 THIS-IS-A-RETEST                                     | VALUE 'Y'.              |     |
| 03 UIC-H5-PRIOR-TEST-DATE.                              |                         |     |

|                                                     |                         |     |
|-----------------------------------------------------|-------------------------|-----|
| 05 UIC-H5-PRIOR-TEST-CCYY.                          |                         |     |
| 10 UIC-H5-PRIOR-TEST-CC                             | PIC 9(2) VALUE ZEROS.   | 137 |
| 10 UIC-H5-PRIOR-TEST-YY                             | PIC 9(2) VALUE ZEROS.   | 139 |
| 05 UIC-H5-PRIOR-TEST-MM                             | PIC 9(2) VALUE ZEROS.   | 141 |
| 05 UIC-H5-PRIOR-TEST-DD                             | PIC 9(2) VALUE ZEROS.   | 143 |
| 03 UIC-H5-OTHER-TESTS-FLAG                          | PIC X(1) VALUE 'N'.     | 145 |
| 88 OTHER-TESTS-WERE-RUN                             | VALUE 'Y'.              |     |
| 88 OTHER-TESTS-WERE-NOT-RUN                         | VALUE 'N'.              |     |
| 03 UIC-H5-OTHER-TESTS-COMM                          | PIC X(30) VALUE SPACE.  | 146 |
| 03 UIC-H5-REPAIRS-MADE.                             |                         |     |
| 05 UIC-H5-TUBING                                    | PIC X(1) VALUE 'N'.     | 176 |
| 05 UIC-H5-PACKER                                    | PIC X(1) VALUE 'N'.     | 177 |
| 05 UIC-H5-CASING                                    | PIC X(1) VALUE 'N'.     | 178 |
| 05 UIC-H5-WELLHEAD                                  | PIC X(1) VALUE 'N'.     | 179 |
| 05 UIC-H5-MISC-REPAIRS.                             |                         |     |
| 10 UIC-H5-MISC-REPAIR                               | PIC X(1) VALUE 'N'.     | 180 |
| 10 UIC-H5-REPAIR-COMM                               | PIC X(20) VALUE SPACES. | 181 |
| 03 UIC-H5-WITNESSED-FLAG                            | PIC X(1) VALUE SPACES.  | 201 |
| 88 H5-WITNESSED                                     | VALUE 'Y'.              |     |
| 03 UIC-H5-TEST-RESULTS                              | PIC X(1) VALUE SPACES.  | 202 |
| 88 PASSED                                           | VALUE 'P'.              |     |
| 88 FAILED                                           | VALUE 'F'.              |     |
| 88 INCONCLUSIVE                                     | VALUE 'I'.              |     |
| 03 UIC-H5-INCONCLUSIVE-REASONS                      | PIC X(36) VALUE         | 203 |
| 'NONNONNONNONNONNONNONNONNONNONNONNONNONNONNONNON'. |                         |     |
| 03 FILLER REDEFINES UIC-H5-INCONCLUSIVE-REASONS.    |                         |     |
| 05 UIC-H5-INCON-TAB OCCURS 18 TIMES.                |                         |     |
| 07 UIC-H5-REASON                                    | PIC X(1).               |     |
| 07 UIC-H5-SUB                                       | PIC 9(1).               |     |
| 03 FILLER REDEFINES UIC-H5-INCONCLUSIVE-REASONS.    |                         |     |
| 05 UIC-H5-P1-FLAG                                   | PIC X(1).               |     |
| 88 UIC-H5-P1                                        | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB1                                      | PIC 9(1).               |     |
| 05 UIC-H5-P2-FLAG                                   | PIC X(1).               |     |
| 88 UIC-H5-P2                                        | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB2                                      | PIC 9(1).               |     |
| 05 UIC-H5-P3-FLAG                                   | PIC X(1).               |     |
| 88 UIC-H5-P3                                        | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB3                                      | PIC 9(1).               |     |
| 05 UIC-H5-P4-FLAG                                   | PIC X(1).               |     |
| 88 UIC-H5-P4                                        | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB4                                      | PIC 9(1).               |     |
| 05 UIC-H5-P5-FLAG                                   | PIC X(1).               |     |
| 88 UIC-H5-P5                                        | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB5                                      | PIC 9(1).               |     |
| 05 UIC-H5-P6-FLAG                                   | PIC X(1).               |     |
| 88 UIC-H5-P6                                        | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB6                                      | PIC 9(1).               |     |
| 05 UIC-H5-P7-FLAG                                   | PIC X(1).               |     |
| 88 UIC-H5-P7                                        | VALUE 'Y'.              |     |

|                               |                         |     |
|-------------------------------|-------------------------|-----|
| 05 UIC-H5-SUB7                | PIC 9(1).               |     |
| 05 UIC-H5-P8-FLAG             | PIC X(1).               |     |
| 88 UIC-H5-P8                  | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB8                | PIC 9(1).               |     |
| 05 UIC-H5-P9-FLAG             | PIC X(1).               |     |
| 88 UIC-H5-P9                  | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB9                | PIC 9(1).               |     |
| 05 UIC-H5-P10-FLAG            | PIC X(1).               |     |
| 88 UIC-H5-P10                 | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB10               | PIC 9(1).               |     |
| 05 UIC-H5-P11-FLAG            | PIC X(1).               |     |
| 88 UIC-H5-P11                 | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB11               | PIC 9(1).               |     |
| 05 UIC-H5-P12-FLAG            | PIC X(1).               |     |
| 88 UIC-H5-P12                 | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB12               | PIC 9(1).               |     |
| 05 UIC-H5-P13-FLAG            | PIC X(1).               |     |
| 88 UIC-H5-P13                 | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB13               | PIC 9(1).               |     |
| 05 UIC-H5-P14-FLAG            | PIC X(1).               |     |
| 88 UIC-H5-P14                 | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB14               | PIC 9(1).               |     |
| 05 UIC-H5-P15-FLAG            | PIC X(1).               |     |
| 88 UIC-H5-P15                 | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB15               | PIC 9(1).               |     |
| 05 UIC-H5-P16-FLAG            | PIC X(1).               |     |
| 88 UIC-H5-P16                 | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB16               | PIC 9(1).               |     |
| 05 UIC-H5-P17-FLAG            | PIC X(1).               |     |
| 88 UIC-H5-P17                 | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB17               | PIC 9(1).               |     |
| 05 UIC-H5-P18-FLAG            | PIC X(1).               |     |
| 88 UIC-H5-P18                 | VALUE 'Y'.              |     |
| 05 UIC-H5-SUB18               | PIC 9(1).               |     |
| 03 UIC-H5-LETTER-SIGN         | PIC 9(01) VALUE ZEROS.  | 239 |
| 03 UIC-H5-INCONCLUSIVE-OTHER. |                         |     |
| 05 UIC-H5-INCONCLU            | PIC X(1) VALUE 'N'.     | 240 |
| 05 UIC-H5-INCONCLU-COMM       | PIC X(22) VALUE SPACES. | 241 |
| 03 UIC-H5-ALT-TEST-COMMENT    | PIC X(29) VALUE SPACES. | 263 |
| 03 UIC-H5-P12-ITEMS           | PIC X(11) VALUE SPACES. | 292 |
| 02 RRC-TAPE-FILLER            | PIC X(0320).            | 303 |

```

* UNDERGROUND INJECTION CONTROL H-5 SEGMENT 10/94 *
* *
* SEGMENT NAME =====> UIH5 *
* *
* KEYS =====> UIC-H5-KEY *
* (CONSISTS OF THE TEST DATE KEY *
* AND A SEQUENCE NUMBER) *
* SEARCH FIELDS =====> UIC-H5-DUE-DATE *
* =====> UIC-H5-TEST-DATE *
* COPY MEMBER =====> UIW700F3 *
* *
* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* UIC DATABASE TAPE'S RECORD ID. CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS ITEM TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE TAPE RECORD DESCRIPTION
*
* 07 - H-5 PRESSURE TESTING DATA (UIH5 SEGMENT)
*
*

```

-----  
UIC-H5-SEGMENT  
-----

THIS CONTAINS ALL THE H-5 RELATED DATA FOR THE ROOT CONTROL NUMBER.

-----  
UIC-H5-KEY  
-----

THIS DATA ITEM CONSISTS OF A TEST DATE KEY AND A UNIQUE TWO-DIGIT IDENTIFIER.

-----  
UIC-H5-TEST-DATE-KEY  
-----

THIS DATA ITEM CONTAINS THE VALUE OF UIC-H5-TEST-DATE (CCYYMMDD) SUBTRACTED FROM 99999999.

-----  
UIC-H5-TEST-SEQ-NUM  
-----

THIS DATA ITEM CONTAINS A UNIQUE VALUE STARTING WITH 99 AND DECREASING FOR EACH DUPLICATE TEST DATE

-----  
UIC-H5-DUE-DATE  
-----

THIS DATA ITEM CONTAINS THE DATE BY WHICH THE UIC SECTION MUST RECEIVE THE H-5 FORM, PRESSURE TEST REPORT. IT IS IN CCYYMMDD FORMAT.

-----  
UIC-H5-RECEIVED-DATE  
-----

IF THERE IS A PROBLEM WITH THE TEST RESULTS REPORTED ON THE H-5 FORM, THE DATE THE H-5 WAS RECEIVED WILL BE ENTERED HERE SO THAT A SECOND-NOTICE LETTER WILL NOT BE SENT TO THE OPERATOR. THIS DATE WILL BE INITIALIZED TO ZEROS ONCE THE PROBLEM IS RESOLVED. DATE IS STORED IN THE CCYYMMDD FORMAT.

-----  
UIC-H5-SCHEDULE-TYPE  
-----

THREE TYPES OF MECHANICAL-INTEGRITY TESTING SCHEDULES EXIST. THE TYPE OF SCHEDULE A WELL IS ASSIGNED DEPENDS ON WHETHER ANY SPECIAL CONDITIONS EXIST, IF ANY TESTS HAVE ALREADY BEEN PERFORMED, AND THE DATE THOSE TESTS WERE PERFORMED.

- I = INITIAL TEST ASSIGNED
- A = ANNUAL TEST ASSIGNED
- F = FIVE-YEAR TEST ASSIGNED

-----  
UIC-H5-SCHEDULE-FLAG  
-----

THIS FLAG DETERMINES WHETHER THE WELL HAS BEEN SCHEDULED FOR A PRESSURE TEST. IF THE WELL WAS ASSIGNED AN INITIAL OR ANNUAL PRESSURE TEST, THE RECEIVED DATE AND EITHER THE ALTERNATIVE TEST/MONITOR DATE OR THE PRESSURE-TEST DATE MUST BE UPDATED IN ORDER TO SATISFY ITS TEST REQUIREMENTS. IF THE WELL WAS ASSIGNED A 5-YEAR PRESSURE TEST, THE TUBING/CASING ANNULUS MONITOR DATE MAY BE USED IN PLACE OF THE TEST DATES MENTIONED PREVIOUSLY (NOT FOR INITIAL TESTS). THESE DATES ARE UPDATED ON-LINE WHEN THE H-5 FORM IS RECEIVED.

- N = WELL HAS FULFILLED ITS TEST REQUIREMENTS AND IS NO LONGER SCHEDULED FOR A PRESSURE TEST. THE WELL WILL AUTOMATICALLY BE SCHEDULED FOR ANOTHER PRESSURE TEST AS DETERMINED BY RULES 9 AND 46 TEST REQUIREMENTS.
- Y = WELL HAS BEEN SCHEDULED FOR EITHER AN INITIAL, ANNUAL, OR 5-YEAR PRESSURE TEST.

-----  
UIC-H5-SCHEDULED-DATE  
-----

AN OPERATOR MUST PRESSURE TEST HIS INJECTION/DISPOSAL WELL AT LEAST ONCE EVERY FIVE YEARS. THIS DATA ITEM CONTAINS

THE DATE THE INJECTION/DISPOSAL WELL WAS SCHEDULED FOR A PRESSURE TEST. THIS DATE IS STORED IN THE CCYYMMDD FORMAT.

-----  
UIC-H5-2ND-NOTICE-DATE  
-----

THIS DATA ITEM CONTAINS THE DATE THE SECOND-NOTICE LETTER NOTIFYING THE OPERATOR OF HIS DELINQUENT H-5 WAS SENT. THIS DATE IS STORED IN THE CCYYMMDD FORMAT.

NOTE: THE MIT- FIELDS ARE FROM THE 1985 PRESSURE TESTING SYSTEM, AND MAY NOT BE NEEDED WHEN THE 1987 H-5 TEST SYSTEM IS FULLY IMPLEMENTED.

-----  
UIC-H5-MIT-CYCLE-TYPE  
-----

IF THE WELL WAS ON THE ORIGINAL MECHANICAL-INTEGRITY TESTING SCHEDULE, THIS DATA ITEM WILL CONTAIN THE CYCLE TYPE ASSIGNED TO THE WELL. THE CYCLE TYPE DETERMINES HOW MUCH TIME IS GIVEN AN OPERATOR TO TEST THE WELL. THE CYCLE TYPES ARE DESCRIBED BELOW.

- 2 = 2-MONTH CYCLE
- 4 = 4-MONTH CYCLE
- 6 = 6-MONTH CYCLE
- 8 = 18-MONTH CYCLE

-----  
UIC-H5-MIT-CYCLE-TO-DATE  
-----

IF THE WELL WAS ON THE ORIGINAL MECHANICAL-INTEGRITY TESTING SCHEDULE, THIS DATA ITEM WILL CONTAIN THE DATE BY WHICH THE WELL MUST BE TESTED. IT IS STORED IN THE CCYYMM FORMAT.

-----  
UIC-H5-PACKER-DEPTH  
-----

THIS DATA ITEM CONTAINS THE PACKER DEPTH AS REPORTED ON THE H-5 FORM. IF NO VALUE IS REPORTED, IT WILL DEFAULT TO THE PACKER DEPTH FROM THE H-10 FORM.

-----  
UIC-H5-TEST-DATE  
-----

THIS DATA ITEM CONTAINS THE DATE THE WELL WAS PRESSURE-TESTED AS REQUIRED BY STATEWIDE RULES 9 AND 46. DATE STORED IN THE CCYYMMDD FORMAT.

-----  
UIC-H5-COMPL-TOP-INJ  
-----

THIS DATA ITEM CONTAINS THE COMPLETED TOP INJECTION INTERVAL AS REPORTED ON THE H-5.

-----  
UIC-H5-COMPL-BOT-INJ  
-----

THIS DATA ITEM CONTAINS THE COMPLETED BOTTOM INJECTION INTERVAL AS REPORTED ON THE H-5.

-----  
UIC-H5-TBG-CSG-MNTR-DT  
-----

THIS DATA ITEM CONTAINS THE TUBING-CASING ANNULUS MONITOR DATE AT THE TIME OF THE PRESSURE TEST. DATE STORED IN THE CCYYMM FORMAT.

-----  
UIC-H5-POSITIVE-PRESS  
-----

THIS DATA ITEM CONTAINS THE POSITIVE/ZERO PRESSURE FLAG FOR THE TBG-CSG ANNULUS MONITORING OF THE WELL AT THE TIME OF THE PRESSURE TEST.

-----  
UIC-H5-TYPE-MIT  
-----

THIS DATA ITEM CONTAINS THE TYPE OF PRESSURE TEST PERFORMED. THEY ARE DESCRIBED BELOW.

H-5 - MECHANICAL INTEGRITY TEST  
ALT - AN ALTERNATE TYPE OF TEST

-----  
UIC-H5-ALTERNATE-CODE  
-----

IF AN ALTERNATE TYPE OF PRESSURE TEST WAS PERFORMED, THIS DATA ITEM CONTAINS WHICH TYPE OF TEST WAS DONE.

1 - TRACER SURVEY  
2 - TEMPERATURE SURVEY

- 3 - ANNULUS FLUID LEVEL
- 4 - OTHER TYPE OF ALTERNATE-TYPE TEST

-----  
UIC-H5-WELL-STATUS  
-----

THIS DATA ITEM CONTAINS THE STATUS OF THE WELL

- 1 - AUTHORIZED TO INJECT BUT NOT YET DRILLED
- 2 - DRILLED BUT NOT YET COMPLETED
- 3 - ACTIVE
- 4 - TEMPORARILY ABANDONED
- 5 - OTHER

-----  
UIC-H5-WELL-STATUS-CMT  
-----

IF THE STATUS OF THE WELL IS OTHER, THIS DATA ITEM WILL CONTAIN A DESCRIPTION OF THAT STATUS, OTHERWISE IT WILL BE BLANK.

-----  
UIC-H5-REASON-FOR-TEST  
-----

THIS DATA ITEM WILL CONTAIN THE REASON FOR THE TEST.

- |        |                |
|--------|----------------|
| 5-YR - | 5-YEAR TEST    |
| ANNU - | ANNUAL TEST    |
| WKOV - | AFTER WORKOVER |
| INIT - | INITIAL TEST   |
| OTHR - | OTHER TEST     |

-----  
UIC-H5-OTHER-TEST-REASON  
-----

THIS DATA ITEM WILL CONTAIN A COMMENT EXPLAINING THE "OTHER" TEST REASON.

-----  
UIC-H5-RETEST-FLAG  
-----

THIS DATA ITEM INDICATES IF THE TEST IS A RETEST.

-----  
UIC-H5-PRIOR-TEST-DATE  
-----

THIS DATA ITEM WILL CONTAIN THE DATE OF ANY TEST PRIOR TO THE CURRENT ONE. THIS DATE IS STORED IN THE CCYYMMDD FORMAT.



-----  
UIC-H5-OTHER-TESTS-FLAG

-----  
THIS DATA ITEM WILL INDICATE WHETHER OTHER TESTS WERE RUN.

-----  
UIC-H5-OTHER-TESTS-COMM

-----  
THIS DATA ITEM WILL CONTAIN A COMMENT EXPLAINING OTHER TESTS THAT WERE RUN.

-----  
UIC-H5-TUBING

-----  
THIS DATA ITEM WILL INDICATE WHETHER REPAIRS WERE MADE TO THE TUBING MATERIAL OF THE WELL.

-----  
UIC-H5-PACKER

-----  
THIS DATA ITEM WILL INDICATE WHETHER REPAIRS WERE MADE TO THE PACKING MATERIAL OF THE WELL.

-----  
UIC-H5-CASING

-----  
THIS DATA ITEM WILL INDICATE WHETHER REPAIRS WERE MADE TO THE CASING MATERIAL OF THE WELL.

-----  
UIC-H5-WELLHEAD

-----  
THIS DATA ITEM WILL INDICATE WHETHER REPAIRS WERE MADE TO THE WELLHEAD.

-----  
UIC-H5-MISC-REPAIR

-----  
THIS DATA ITEM WILL INDICATE WHETHER REPAIRS WERE MADE TO THE WELL OTHER THAN WHAT IS SPECIFIED ABOVE.

-----  
UIC-H5-REPAIR-COMM

-----  
THIS DATA ITEM WILL EXPLAIN THE MISCELLANEOUS REPAIRS STORED IN THE ABOVE DATA ITEM.

-----  
UIC-H5-WITNESSED-FLAG

-----  
THIS DATA ITEM WILL INDICATE WHETHER THIS TEST WAS  
WITNESSED BY THE RAILROAD COMMISSION.

-----  
UIC-H5-TEST-RESULTS

-----  
THIS DATA ITEM WILL CONTAIN THE RESULTS OF THE TEST.

P - PASSED  
F - FAILED  
I - INCONCLUSIVE

-----  
UIC-H5-P1-FLAG

-----  
IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
INDICATE WHETHER THE RESULT WAS DUE TO TEST  
PRESSURE.

-----  
UIC-H5-SUB1

-----  
INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P1-FLAG IS SELECTED.  
VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P2-FLAG  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE RESULT WAS DUE TO A 200 PSI DIFFERENTIAL.

-----  
UIC-H5-SUB2  
-----

INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER WHEN UIC-H5-P2-FLAG IS SELECTED.  
VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P3-FLAG  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE RESULT WAS DUE TO A TEST THAT THE PRESSURE DID NOT FALL WITHIN 30-70% RANGE.

-----  
UIC-H5-SUB3  
-----

INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER WHEN UIC-H5-P3-FLAG IS SELECTED.  
VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P4-FLAG  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE RESULT WAS DUE TO A TEST THAT THE TUBING,CASING,SURFACE CASING PRESSURE WAS NOT MONITORED AND RECORDED ON ITEM 19 ON FORM H-5.

-----  
UIC-H5-SUB4  
-----

INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER WHEN UIC-H5-P4-FLAG IS SELECTED.  
VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P5-FLAG  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE RESULT WAS DUE TO A TEST THAT WAS CONDUCTED FOR A PERIOD LESS THAN 30 MINUTES.

-----  
UIC-H5-SUB5  
-----

INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P5-FLAG IS SELECTED.

VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P6-FLAG  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
INDICATE WHETHER THE DISTRICT OFFICE WAS PROPERLY  
NOTIFIED OF THE INTENT TO PRESSURE TEST.

-----  
UIC-H5-SUB6  
-----

INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P6-FLAG IS SELECTED.

VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P7-FLAG  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
INDICATE PRESSURE RECORDER MUST NOT EXCEED 24  
HOURS.

-----  
UIC-H5-SUB7  
-----

INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P7-FLAG IS SELECTED.

VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P8-FLAG  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
INDICATE THAT PRESSURE ANOMALIES ON THE CIRCULAR  
PRESSURE RECORDING CHART WERE NOT EXPLAINED.

-----  
UIC-H5-SUB8  
-----

INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P8-FLAG IS SELECTED.

VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P9-FLAG

-----  
IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE ORIGINAL PRESSURE RECORDING CHART WAS FILED FOR ANY TEST NOT WITNESSED BY A RRC REPRESENTATIVE.

-----  
UIC-H5-SUB9

-----  
INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER WHEN UIC-H5-P9-FLAG IS SELECTED.  
VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P10-FLAG

-----  
IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL SHOW THAT THE TEST PRESSURE NEVER STABILIZED.

-----  
UIC-H5-SUB10

-----  
INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER WHEN UIC-H5-P10-FLAG IS SELECTED.  
VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P11-FLAG

-----  
IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL EXPLAIN THAT WHEN A GAS IS USED TO PRESSURE-UP THE TUBING-CASING ANNULUS FOR A PRESSURE TEST, THE TEST MUST BE CONDUCTED FOR A PERIOD OF NOT LESS THAN 1 HOUR.

-----  
UIC-H5-SUB11

-----  
INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER WHEN UIC-H5-P11-FLAG IS SELECTED.  
VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P12-FLAG

-----  
IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL EXPLAIN THAT A COMPLETE FORM H-5 MUST BE SUBMITTED FOR PROPER EVALUATION FOR THE TEST.

-----  
UIC-H5-SUB12  
-----

INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P12-FLAG IS SELECTED.

VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P13-FLAG  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
EXPLAIN THAT MECHANICAL INTEGRITY HAS NOT BEEN PROVEN  
FROM THE GROUND SURFACE TO THE PACKER DEPTH REPORTED  
ON THE PERMIT APPLICATION.

-----  
UIC-H5-SUB13  
-----

INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P13-FLAG IS SELECTED.

VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P14-FLAG  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
EXPLAIN THAT FORM H-5 MUST HAVE AN ORIGINAL  
SIGNATURE OF AN OPERATOR'S REPRESENTATIVE AND MUST  
BE FILLED OUT IN INK.

-----  
UIC-H5-SUB14  
-----

INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P14-FLAG IS SELECTED.

VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P15-FLAG  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
EXPLAIN THAT THE OPERATOR IS IN VIOLATION OF HIS  
PERMIT AND GIVES THE DETAILS OF THE VIOLATION.

-----  
UIC-H5-SUB15  
-----

INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P15-FLAG IS SELECTED.

VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P16-FLAG

-----  
IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
EXPLAIN HOW TO AMEND THE PERMIT.

-----  
UIC-H5-SUB16

-----  
INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P16-FLAG IS SELECTED.  
VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P17-FLAG

-----  
IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
EXPLAIN THAT THE REFERENCED WELL IS IN VIOLATION  
OF THE PERMIT AND GIVE THE DETAILS OF THE VIOLATION.

-----  
UIC-H5-SUB17

-----  
INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P17-FLAG IS SELECTED.  
VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-P18-FLAG

-----  
IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
EXPLAIN THAT THE REFERENCED WELL IS IN VIOLATION  
OF THE PERMIT AND GIVE THE DETAILS OF THE VIOLATION.

-----  
UIC-H5-SUB18

-----  
INDICATES WHAT SUB PARAGRAPH PRINTS ON THE LETTER  
WHEN UIC-H5-P18-FLAG IS SELECTED.  
VALID VALUES ARE 1 THRU 5.

-----  
UIC-H5-LETTER-SIGN

-----  
INDICATES WHOSE NAME IS PRINTED ON THE SIGNATURE LINE.  
VALID CODES ARE 1 AND 2.

-----  
UIC-H5-INCONCLU  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
INDICATE THE REASON IF NOT ANY OF THE ABOVE.

-----  
UIC-H5-INCONCLU-COMM  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL  
EXPLAIN THE ABOVE REASON.

-----  
UIC-H5-ALT-TEST-COMMENT  
-----

IF AN ALTERNATE TEST CODE = 4, THIS DATA ITEM WILL  
EXPLAIN THE ALTERNATE TEST.

-----  
UIC-H5-P12-ITEMS  
-----

IF UIC-H5-P12-FLAG IS SELECTED THIS DATA ITEM CAN  
CONTAIN WHAT ITEM NUMBERS ON THE H-5 ARE INCOMPLETE  
OR INCORRECT.



```

*
* UNDERGROUND INJECTION CONTROL H-5 REMARKS SEGMENT
*
* SEGMENT NAME: UIH5RMK
*
* FUNCTION SOURCE SSA NAME
* -----
* SEARCH FLD H5-REMARKS-TYPE H5RMKTYP
*

```

```

*
01 RAILROAD-COMMISSION-TAPE-REC. POS.
 02 RRC-TAPE-RECORD-ID PIC X(02). 1
 02 UIC-H5-REMARKS-SEGMENT.
 03 H5-REMARKS-TYPE PIC X(02). 3
 03 H5-REMARKS PIC X(60). 5
 03 FILLER PIC X(03). 65
 02 RRC-TAPE-FILLER PIC X(0555). 68

```

```

* DATA DICTIONARY FOR UIC H-5 REMARKS SEGMENT 12/87 *
* *
* SEGMENT NAME ==> UIH5RMK *
* *
* KEYS ==> NONE *
* *

```

```

*
* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* UIC DATABASE TAPE'S RECORD ID. CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS ITEM TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE TAPE RECORD DESCRIPTION
*
* 08 - H-5 REMARKS (UIH5RMK SEGMENT)
*

```

NOTE: AS OF THE INITIAL CREATION OF THE UIC DATABASE,  
 (APPROX 02/15/88) NONE OF THESE REMARKS EXIST.

-----  
 H5-REMARKS-TYPE  
 -----

THIS IDENTIFIES THE SEQUENCE OF THE REMARKS. 'H1', 'H2', & 'H3'  
 ARE VALID. IF 'H1' IS DELETED, 'H2' BECOMES 'H1', ETC.

-----  
 H5-REMARKS  
 -----

THE REMARK MAY BE UP TO 60 CHARACTERS IN LENGTH.

```

* UNDERGROUND INJECTION CONTROL ENFORCEMENT SEGMENT *
* *
* SEGMENT NAME: UIENF *
* *
* FUNCTION SOURCE SSA NAME *
* ----- ----- ----- *
* SEGMENT KEY UIC-ENF-KEY UICENKEY *
* *

*
01 RAILROAD-COMMISSION-TAPE-REC. POS.
 02 RRC-TAPE-RECORD-ID PIC X(02). 1
 02 UIC-ENF-SEGMENT.
 03 UIC-ENF-KEY PIC X(01) VALUE SPACE. 3
 88 ENFORCEMENT-IS-UIC VALUE 'U'.
 88 ENFORCEMENT-IS-FLO VALUE 'F'.
 03 UIC-ENF-MAN-FILE-FLAG PIC X(01) VALUE SPACE. 4
 03 FILLER PIC X(18) VALUE SPACES. 5
 02 RRC-TAPE-FILLER PIC X(0600). 23

```

```

* UNDERGROUND INJECTION CONTROL ENFORCEMENT SEGMENT 12/87 *
*
* SEGMENT NAME ==> UIENF *
*
* KEY ==> UIC-ENF-KEY *
* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* UIC DATABASE TAPE'S RECORD ID. CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS ITEM TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE TAPE RECORD DESCRIPTION
*
* 09 - UIC ENFORCEMENT DATA (UIENF SEGMENT)
*

```

-----  
UIC-ENF-SEGMENT  
-----

THIS SEGMENT CONTAINS THE KEY FIELD FOR ENFORCEMENT ACTIONS.

-----  
UIC-ENF-KEY  
-----

THE KEY FIELD TO INDICATE THAT THIS SEGMENT AND ITS CHILDREN HAVE UIC OR FIELD OPERATIONS ENFORCEMENT ACTIONS.

'U' = UIC ENFORCEMENT ACTIONS  
'F' = FLO ENFORCEMENT ACTIONS

-----  
UIC-ENF-MAN-FILE-FLAG  
-----

THIS FLAG INDICATES WHETHER A MANUAL FILE IS BEING MAINTAINED FOR THIS CONTROL NUMBER. Y/N.

```

* UIW700I1
* UNDERGROUND INJECTION CONTROL ENFORCEMENT ACTIONS SEGMENT
*
* SEGMENT NAME: UIENFACT
*
* FUNCTION SOURCE SSA NAME
* -----
* SEGMENT KEY ENF-ACT-DATE-CODE ENDTCD
* SEARCH FLD ENF-ACT-VIOL-DATE ENVIODT
* SEARCH FLD ENF-ACT-VIOL-CODE ENVI OCD
* SEARCH FLD ENF-ACT-NOTICE-DATE ENNOTDT
* SEARCH FLD ENF-ACT-NOTICE-TYPE ENNOTTYP
* SEARCH FLD ENF-ACT-COMP-DATE ENCMPDT
* SEARCH FLD ENF-ACT-COMP-METHOD ENCMPMTH
*
* 40 BYTES

*
01 RAILROAD-COMMISSION-TAPE-REC. POS.
02 RRC-TAPE-RECORD-ID PIC X(02). 1
02 UIC-ENF-ACT-SEGMENT.
03 ENF-ACT-DATE-CODE.
05 ENF-ACT-VIOL-DATE.
07 ENF-ACT-VIOL-CCYY.
10 ENF-ACT-VIOL-CC PIC 9(02) VALUE ZEROS. 3
10 ENF-ACT-VIOL-YY PIC 9(02) VALUE ZEROS. 5
07 ENF-ACT-VIOL-MM PIC 9(02) VALUE ZEROS. 7
07 ENF-ACT-VIOL-DD PIC 9(02) VALUE ZEROS. 9
05 ENF-ACT-VIOL-CODE PIC 9(02) VALUE ZEROS. 11
03 ENF-ACT-NOTICE-DATE.
05 ENF-ACT-NOTICE-CCYY.
10 ENF-ACT-NOTICE-CC PIC 9(02) VALUE ZEROS. 13
10 ENF-ACT-NOTICE-YY PIC 9(02) VALUE ZEROS. 15
05 ENF-ACT-NOTICE-MM PIC 9(02) VALUE ZEROS. 17
05 ENF-ACT-NOTICE-DD PIC 9(02) VALUE ZEROS. 19
03 ENF-ACT-NOTICE-TYPE PIC 9(02) VALUE ZEROS. 21
03 ENF-ACT-COMP-DATE.
05 ENF-ACT-COMP-CCYY.
10 ENF-ACT-COMP-CC PIC 9(02) VALUE ZEROS. 23
10 ENF-ACT-COMP-YY PIC 9(02) VALUE ZEROS. 25
05 ENF-ACT-COMP-MM PIC 9(02) VALUE ZEROS. 27
05 ENF-ACT-COMP-DD PIC 9(02) VALUE ZEROS. 29
03 ENF-ACT-COMP-METHOD PIC 9(02) VALUE ZEROS. 31
03 ENF-ACT-SNC-FLAG PIC X(01) VALUE SPACE. 33
03 ENF-ACT-VIOL-ON-HOLD-FLAG PIC X(01) VALUE 'N'. 34
88 ENF-ACT-VIOL-ON-HOLD VALUE 'Y'.
03 FILLER PIC X(08) VALUE ZEROS. 35
02 RRC-TAPE-FILLER PIC X(0580). 43

```

```

* DATA DICTIONARY FOR THE UIC ENFORCEMENT ACTION SEGMENT 03/92 *
* * *
* SEGMENT NAME =====> UIENFACT *
* * *
* KEY =====> ENF-ACT-DATE-CODE *
* * *
* COPY MEMBER =====> UIW700I1 *
* * *

```

MRH

-----  
UIC-ENF-ACT-SEGMENT  
-----

THIS SEGMENTS CONTAINS THE ENFORCEMENT ACTIONS TAKEN AND

\*  
\* -----

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

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

\*  
\* -----

\* REC ID  
\* VALUE TAPE RECORD DESCRIPTION

\*  
\* -----

\* 10 - ENFORCEMENT ACTION DATA (UIENFACT SEGMENT)

\*  
\* -----

THE DATES OF THE ACTIONS.

-----  
ENF-ACT-DATE-CODE  
-----

THIS IS THE SEGMENT KEY, AND MUST BE UNIQUE. IT IS A  
COMBINATION OF THE TWO FIELDS BELOW.

-----  
ENF-ACT-VIOL-DATE  
-----

THE DATE OF THE VIOLATION NOTICE. CCYYMMDD FORMAT.

-----  
ENF-ACT-VIOL-CODE  
-----

A TWO-DIGIT CODE INDICATING THE TYPE VIOLATION.  
IF THIS CODE IS 19 OR 20, THE COMPLAINT NUMBER  
WILL BE MAINTAINED IN THE UIC-ENF-OTH SEGMENT.

01 = W-2/G-1 RQMT

(COMP)

|                            |        |
|----------------------------|--------|
| 02 = DLQNT H-5             | (H5 )  |
| 03 = DLQNT H-10            | (H10 ) |
| 04 = CMT/CONFINEMENT       | (CONF) |
| 05 = OBSERVATION VALUE     | (OBSV) |
| 06 = TUBING/PACKER         | (TBPK) |
| 07 = PACKER DEPTH          | (PKRD) |
| 08 = MIT FAILURE           | (MITF) |
| 09 = INJ PRESS             | (INJP) |
| 10 = INJ VOLUME            | (INJV) |
| 11 = FLUID TYPE            | (FTYP) |
| 12 = TBG-CSG COMMUNICATION | (ANNP) |
| 13 = UNAUTH COMM FACILITY  | (COMM) |
| 14 = COMM FACILITY RQMTS   | (CFR ) |
| 15 = UNAUTH ZONE CHG       | (ZCHG) |
| 16 = NO INJ AUTHORITY      | (NAUT) |
| 17 = 14(B)(2) VIOLATION    | (14B2) |
| 18 = POLLUTION VIOL        | (POLL) |
| 19 = CITIZEN COMPLAINT NO. | (CCPT) |
| 20 = OP COMPLAINT NO.      | (OCPT) |
| 21 = BREAKOUT              | (BROT) |

-----  
ENF-ACT-NOTICE-DATE  
-----

THE DATE OF THE NOTICE OF ENFORCEMENT ACTION.  
CCYYMMDD FORMAT.

-----  
ENF-ACT-NOTICE-TYPE  
-----

A TWO-DIGIT CODE INDICATING THE TYPE ENFORCEMENT ACTION. IF THIS CODE IS 08, THE ENFORCEMENT ACTION WILL BE MAINTAINED IN THE UIC-ENF-OTH SEGMENT.

- 01 = SHUT-IN
- 02 = SEALED
- 03 = SEVERED
- 04 = PERMIT SUSPENDED
- 05 = PERMIT CANCELLED
- 06 = PENALTY ACTION
- 07 = PLUG HEARING
- 08 = OTHER

-----  
ENF-ACT-COMP-DATE  
-----

THE DATE OF COMPLIANCE WITH THE ENFORCEMENT ACTION.  
CCYYMMDD FORMAT.

-----  
ENF-ACT-COMP-METHOD  
-----

A TWO-DIGIT CODE INDICATING THE METHOD OF COMPLIANCE WITH THE ENFORCEMENT NOTICE. IF THIS CODE IS 10, THE COMPLIANCE METHOD WILL BE MAINTAINED IN THE UIC-ENF-OTH SEGMENT.

- 01 = ACCORDING TO RULE VIOLATION
- 02 = PLUGGED
- 03 = CANCELLED
- 04 = HEARING
- 05 = CEMENT SQUEEZE
- 06 = REPAIR/REPLACE TUBING
- 07 = REPAIR/REPLACE PACKER
- 08 = REPAIR TUBING & PACKER
- 09 = RUN LINER
- 10 = OTHER

-----  
ENF-ACT-SNC-FLAG  
-----

THIS FLAG INDICATES WHETHER THE VIOLATION IS CATEGORIZED BY UIC AS 'SIGNIFICANT NON COMPLIANCE'.  
(Y/N)

-----  
ENF-ACT-VIOL-ON-HOLD-FLAG  
-----

THIS FLAG INDICATES WHETHER THE VIOLATION IS ON HOLD FROM ANY/FURTHER ENFORCEMENT ACTION.  
(Y/N)



```

*
* UNDERGROUND INJECTION CONTROL ENFORCEMENT OTHER SEGMENT
*
*
* SEGMENT NAME: UIENFOTH
*
* FUNCTION SOURCE SSA NAME
* -----
* SEARCH FLD ENF-OTH-COMP-METHOD ENFOTH
*

```

```

*
01 RAILROAD-COMMISSION-TAPE-REC. POS.
 02 RRC-TAPE-RECORD-ID PIC X(02). 1
 02 UIC-ENF-OTHER-SEGMENT.
 03 ENF-OTH-COMP-METHOD PIC X(04). 3
 03 ENF-OTH-ENFORCE-TYPE PIC X(05). 7
 03 ENF-OTH-COMPLAINT-NUM PIC X(10). 12
 03 FILLER PIC X(11). 22
 02 RRC-TAPE-FILLER PIC X(0583). 40

```



```

*
* UNDERGROUND INJECTION CONTROL ENFORCEMENT REMARKS SEGMENT *
*
* SEGMENT NAME: UIENFRMK *
*
* FUNCTION SOURCE SSA NAME *
* ----- *
* SEARCH FLD ENF-REMARKS-TYPE ENRMKTYP *
*

```

```

*
01 RAILROAD-COMMISSION-TAPE-REC. POS.
02 RRC-TAPE-RECORD-ID PIC X(02). 1
02 UIC-ENF-REMARKS-SEGMENT.
03 ENF-REMARKS-TYPE PIC X(02). 3
03 ENF-REMARKS PIC X(60). 5
03 FILLER PIC X(03). 65
02 RRC-TAPE-FILLER PIC X(0555). 68

```

```

* DATA DICTIONARY FOR UIC ENFORCEMENT REMARKS SEGMENT 12/87 *
* *
* SEGMENT NAME ==> UIENFRMK *
* *
* KEYS ==> NONE *
* *

*
* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* UIC DATABASE TAPE'S RECORD ID. CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS ITEM TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE TAPE RECORD DESCRIPTION
*
* 12 - ENFORCEMENT REMARKS (UIENFRMK)
*
* -----
* ENF-REMARKS-TYPE
* -----
* THIS IDENTIFIES THE SEQUENCE OF THE REMARKS. 'E1', 'E2', & 'E3'
* ARE VALID. IF 'E1' IS DELETED, 'E2' BECOMES 'E1', ETC.
*
* -----
* ENF-REMARKS
* -----
* THE REMARK MAY BE UP TO 60 CHARACTERS IN LENGTH.

```

```

*
* UIW700MX *
* UNDERGROUND INJECTION CONTROL H10H MONITOR SEGMENT *
*
* SEGMENT NAME: UIMON10H SEGMENT LENGTH 200 BYTES *
* PARENT NAME: UIMONTR *
*
* FUNCTION SOURCE SSA NAME *
* -----
*
* KEY UIC-H10H-MONTR-KEY MONH10HK *
*

*
01 RAILROAD-COMMISSION-TAPE-REC. POS.
02 RRC-TAPE-RECORD-ID PIC X(02). 1
02 UIC-H10H-MONITOR-SEGMENT.
03 UIC-H10H-MONTR-KEY PIC 9(06) VALUE ZEROS. 3
03 UIC-H10H-MONTR-DATE PIC 9(06) VALUE ZEROS. 9
03 FILLER REDEFINES UIC-H10H-MONTR-DATE.
05 UIC-H10H-MONTR-YEAR PIC 9(04).
05 FILLER REDEFINES UIC-H10H-MONTR-YEAR.
07 UIC-H10H-MONTR-CC PIC 9(02).
07 UIC-H10H-MONTR-YY PIC 9(02).
05 UIC-H10H-MONTR-MONTH PIC 9(02).
03 UIC-H10H-MONTR-W-STATUS PIC 9(01) VALUE ZEROS. 15
03 UIC-H10H-MONTR-FLUIDS.
05 UIC-H10H-MONTR-CRUDE PIC X(01) VALUE 'N'. 16
05 UIC-H10H-MONTR-GAS PIC X(01) VALUE 'N'. 17
05 UIC-H10H-MONTR-LPG PIC X(01) VALUE 'N'. 18
05 UIC-H10H-MONTR-OTHER PIC X(01) VALUE 'N'. 19
03 UIC-H10H-MONTR-PRESS-GT-ZERO PIC X(01) VALUE SPACES. 20
88 UIC-H10H-MONTR-PRESS-GT VALUE 'Y'.
03 UIC-H10H-MONTR-SURFACE-VESSEL PIC X(01) VALUE 'N'. 21
88 UIC-H10H-SURFACE-VESSEL VALUE 'Y'.
03 UIC-H10H-MONTR-REC-FLG PIC X(01) VALUE SPACES. 22
* THE FOLLOWING DATES ARE MONTH, DAY, YEAR.
03 UIC-H10H-MULT-WELL-CAVERN-FLAG PIC X(01) VALUE 'N'. 23
88 UIC-H10H-MULTI-WELL-CAVERN VALUE 'Y'.
03 UIC-H10H-MONTR-ISS-DTE.
05 UIC-H10H-MONTR-ISS-CCYY.
10 UIC-H10H-MONTR-ISS-CC PIC 9(2) VALUE ZEROS. 24
10 UIC-H10H-MONTR-ISS-YY PIC 9(2) VALUE ZEROS. 26
05 UIC-H10H-MONTR-ISS-MM PIC 9(2) VALUE ZEROS. 28
05 UIC-H10H-MONTR-ISS-DD PIC 9(2) VALUE ZEROS. 30
03 UIC-H10H-MONTR-REC-DTE.
05 UIC-H10H-MONTR-REC-CCYY.
10 UIC-H10H-MONTR-REC-CC PIC 9(2) VALUE ZEROS. 32
10 UIC-H10H-MONTR-REC-YY PIC 9(2) VALUE ZEROS. 34
05 UIC-H10H-MONTR-REC-MM PIC 9(2) VALUE ZEROS. 36

```

|                                                                           |                         |     |
|---------------------------------------------------------------------------|-------------------------|-----|
| 05 UIC-H10H-MONTR-REC-DD                                                  | PIC 9(2) VALUE ZEROS.   | 38  |
| 03 UIC-H10H-MONTR-2ND-NOTICE.                                             |                         |     |
| 05 UIC-H10H-MONTR-2ND-NOTICE-CCYY.                                        |                         |     |
| 10 UIC-H10H-MONTR-2ND-NTC-CC                                              | PIC 9(2) VALUE ZEROS.   | 40  |
| 10 UIC-H10H-MONTR-2ND-NTC-YY                                              | PIC 9(2) VALUE ZEROS.   | 42  |
| 05 UIC-H10H-MONTR-2ND-NTC-MM                                              | PIC 9(2) VALUE ZEROS.   | 44  |
| 05 UIC-H10H-MONTR-2ND-NTC-DD                                              | PIC 9(2) VALUE ZEROS.   | 46  |
| 03 UIC-H10H-MONTR-DEL-NOTICE.                                             |                         |     |
| 05 UIC-H10H-MONTR-DEL-NOTICE-CCYY.                                        |                         |     |
| 10 UIC-H10H-MONTR-DEL-NTC-CC                                              | PIC 9(2) VALUE ZEROS.   | 48  |
| 10 UIC-H10H-MONTR-DEL-NTC-YY                                              | PIC 9(2) VALUE ZEROS.   | 50  |
| 05 UIC-H10H-MONTR-DEL-NTC-MM                                              | PIC 9(2) VALUE ZEROS.   | 52  |
| 05 UIC-H10H-MONTR-DEL-NTC-DD                                              | PIC 9(2) VALUE ZEROS.   | 54  |
| 03 UIC-H10H-MONTR-CYCLE-CCYR.                                             |                         |     |
| 05 UIC-H10H-MONTR-CYCLE-CC                                                | PIC 9(02) VALUE ZEROS.  | 56  |
| 05 UIC-H10H-MONTR-CYCLE-YR                                                | PIC 9(02) VALUE ZEROS.  | 58  |
| 03 UIC-H10H-CAVERN-CAPACITY                                               | PIC 9(08) VALUE ZEROS.  | 60  |
| 03 UIC-H10H-CAVERN-CAPACITY-X REDEFINES<br>UIC-H10H-CAVERN-CAPACITY       | PIC X(08).              |     |
| 03 UIC-H10H-MAX-MBBLs                                                     | PIC 9(08) VALUE ZEROS.  | 68  |
| 03 UIC-H10H-MAX-MBBLs-X REDEFINES<br>UIC-H10H-MAX-MBBLs                   | PIC X(08).              |     |
| 03 UIC-H10H-MAX-MCF                                                       | PIC 9(08) VALUE ZEROS.  | 76  |
| 03 UIC-H10H-MAX-MCF-X REDEFINES<br>UIC-H10H-MAX-MCF                       | PIC X(08).              |     |
| 03 UIC-H10H-INVENTORY-OF-MBBLs                                            | PIC 9(08) VALUE ZEROS.  | 84  |
| 03 UIC-H10H-INVENTORY-OF-MBBLs-X REDEFINES<br>UIC-H10H-INVENTORY-OF-MBBLs | PIC X(08).              |     |
| 03 UIC-H10H-INVENTORY-OF-MCF                                              | PIC 9(08) VALUE ZEROS.  | 92  |
| 03 UIC-H10H-INVENTORY-OF-MCF-X REDEFINES<br>UIC-H10H-INVENTORY-OF-MCF     | PIC X(08).              |     |
| 03 UIC-H10H-OTHER-WELL1                                                   | PIC X(06) VALUE SPACES. | 100 |
| 03 UIC-H10H-OTHER-WELL2                                                   | PIC X(06) VALUE SPACES. | 106 |
| 03 UIC-H10H-OTHER-WELL3                                                   | PIC X(06) VALUE SPACES. | 112 |
| 03 UIC-H10H-MONTR-W-STAT-CMT                                              | PIC X(20) VALUE SPACES. | 118 |
| 03 UIC-H10H-PRODUCT-SPECIFIC                                              | PIC X(40) VALUE SPACES. | 138 |
| 03 UIC-H10H-NEW-FORM-FLAG                                                 | PIC X(01) VALUE SPACES. | 178 |
| 88 UIC-H10H-NEW-FORM                                                      | VALUE 'Y'.              |     |
| 03 UIC-H10H-MONTR-DUE-DATE.                                               |                         |     |
| 05 UIC-H10H-MONTR-DUE-YEAR                                                | PIC 9(04) VALUE ZEROS.  | 179 |
| 05 UIC-H10H-MONTR-DUE-MONTH                                               | PIC 9(02) VALUE ZEROS.  | 183 |
| 03 UIC-H10H-MONTR-FLAG                                                    | PIC X(01) VALUE SPACES. | 185 |
| 88 UIC-H10H-MONTR                                                         | VALUE 'Z'.              |     |
| 03 FILLER                                                                 | PIC X(17) VALUE SPACES. | 186 |
| 02 RRC-TAPE-FILLER                                                        | PIC X(0420).            | 203 |

```

* DATA DICTIONARY FOR UIC H-10H MONITOR SEGMENT 08/2000 *
* *
* SEGMENT NAME =====> UIMON10H *
* *

```

```

UIC-H10H-MONITOR-SEGMENT

```

```

*
* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* UIC DATABASE TAPE'S RECORD ID. CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS ITEM TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE TAPE RECORD DESCRIPTION
*
* 13 - H-10H MONITOR DATA (UIMON10H SEGMENT)

```

EACH OPERATOR OF AN INJECTION/DISPOSAL WELL IN A SALT FORMATION, REGULATED BY STATEWIDE RULE 95 AND 97, IS REQUIRED TO SUBMIT AN ANNUAL DISPOSAL/INJECTION WELL MONITORING REPORT (FORM H-10H).

```

UIC-H10H-MONTRH-KEY

```

THE KEY OF THIS SEGMENT IS THE CENTURY, YEAR, MONTH DATE SUBTRACTED FROM 999999. THE KEY IS COMPUTED SO AS TO KEEP THE MOST CURRENT DATA FIRST IN THE COLLATING SEQUENCE.

```

UIC-H10H-MONTRH-DATE

```

THE DATA ITEM IS STORED IN CCYYMM FORMAT AND IS USED TO COMPUTE THE ABOVE DESCRIBED KEY. THIS IS THE ANNUAL H10H DATE.

```

UIC-H10H-MONTR-W-STATUS

```

THIS DATA ITEM CONTAINS THE INJECTION STATUS OF THE WELL AS REPORTED ON THE MOST RECENT H-10H FORM RETURNED. THE FOLLOWING IS A LIST OF STATUS CODES.

- 1 = AUTHORIZED FOR STORAGE, BUT NOT YET DRILLED
- 2 = DRILLED, BUT NOT YET IN STORAGE SERVICE
- 3 = ACTIVE STORAGE SERVICE
- 4 = ALTERNATIVE MONITORING (OUT OF SERVICE)
- 5 = TEMPORARILY ABANDONED/SHUT-IN
- 6 = PLUGGED
- 7 = OTHER (SPECIFY ON FRONT)

-----  
 UIC-H10H-MONTR-W-STAT-CMT  
 -----

IF AN "7" IS STORED IN UIC-MONTR-W-STATUS, THE WELL HAS A DIFFERENT TYPE OF STATUS OTHER THAN THE ONES LISTED. A COMMENT IS STORED HERE EXPLAINING THE STATUS.

-----  
 UIC-H10H-MONTR-FLUIDS  
 -----

DATA ITEMS UIC-H10H-MONTR-CRUDE THROUGH UIC-H10H-MONTR-OTHER DETERMINE WHAT SINGULAR TYPE OF INJECTION WAS REPORTED ON THE LATEST MONITORING FORM. IF THE FIELD IS SET TO A "Y," THE WELL WAS REPORTED AS BEING INJECTED AS INDICATED. DEFAULTS TO OTHER.

- UIC-H10H-MONTR-CRUDE - WELL IS INJECTED WITH CRUDE OIL
- UIC-H10H-MONTR-GAS - WELL IS INJECTED WITH NATURAL GAS
- UIC-H10H-MONTR-LPG - WELL IS INJECTED WITH LPG
- UIC-H10H-MONTR-OTHER - WELL IS INJECTED WITH UNDEFINED FLUID

-----  
 UIC-H10H-PRODUCT-SPECIFIC  
 -----

A NARRATIVE DESCRIPTION OF THE FLUID OR GAS INDICATED BY UIC-H10H-MONTR-FLUIDS. USUALLY LPG OR OTHER.

-----  
 UIC-H10H-MONTR-REC-FLG  
 -----

THIS DATA ITEM INDICATES (Y=YES, N=NO) WHETHER THE MONITOR FORM HAS BEEN RECEIVED FOR THE CURRENT PERIOD.

-----  
 UIC-H10H-MONTR-ISS-DTE  
 -----

THIS DATA ITEM CONTAINS THE DATE THE H-10H FORM WAS PRINTED FOR THIS WELL. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

-----  
 UIC-H10H-MONTR-REC-DTE  
 -----



THIS DATA ITEM CONTAINS THE DATE THE LAST H-10H FORM FOR THIS WELL WAS RECEIVED AND KEYED. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

-----  
UIC-H10H-MONTR-2ND-NOTICE  
-----

THIS DATA ITEM CONTAINS THE DATE THE SECOND-NOTICE LETTER WAS SENT TO THE OPERATOR OF THE WELL. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

-----  
UIC-H10H-MONTR-DEL-NOTICE  
-----

THIS DATA ITEM CONTAINS THE DATE THIS WELL WAS FIRST PLACED ON THE DELINQUENT LIST. THE DATE IS STORED IN THE CCYYMMDD FORMAT.

-----  
UIC-H10H-MONTR-CYCLE-YR  
-----

EACH WELL'S REPORTING CYCLE IS DETERMINED BY THE FIELD IN WHICH THE WELL IS LOCATED. THE REPORTING CYCLE CONSISTS OF 12 MONTHS. THIS DATA ITEM CONTAINS THE YEAR OF THE FIRST MONTH OF THE REPORTING CYCLE STORED IN CCYY.

-----  
UIC-H10H-CAVERN-CAPACITY  
-----

THIS DATA ITEM INDICATES THE TOTAL CAVERN CAPACITY MEASURED IN MBBLs.

-----  
UIC-H10H-MAX-MBBLs  
-----

THIS DATA ITEM INDICATES THE MAXIMUM VOLUME OF HYDROCARBON STORED DURING THE YEAR MEASURED IN MBBLs.

-----  
UIC-H10H-MAX-MCF  
-----

THIS DATA ITEM INDICATES THE MAXIMUM VOLUME OF GAS STORED DURING THE YEAR MEASURED IN MCF.

-----  
UIC-H10H-INVENTORY-OF-MBBLs  
-----

THIS DATA ITEM INDICATES THE INVENTORY AS OF LAST MONTH OF REPORTING YEAR MEASURED IN MBBLs OF HYDROCARBON.

-----  
UIC-H10H-INVENTORY-OF-MCF  
-----

THIS DATA ITEM INDICATES THE INVENTORY AS OF LAST MONTH OF REPORTING YEAR MEASURED IN MCF OF GAS.

-----  
UIC-H10H-MULTI-WELL-CAVERN-FLAG  
-----

THIS DATA ITEM INDICATES THAT THIS FILING INDICATED THE PRESENCE (Y=YES, N=NO) OF OTHER WELLS IN CAVERN.

-----  
UIC-H10H-OTHER-WELL1  
-----

ALPHANUMERIC WELL NUMBER OF ANOTHER WELL ENTERED IN SAME CAVERN.

-----  
UIC-H10H-OTHER-WELL2  
-----

ALPHANUMERIC WELL NUMBER OF ANOTHER WELL ENTERED IN SAME CAVERN.

-----  
UIC-H10H-OTHER-WELL3  
-----

ALPHANUMERIC WELL NUMBER OF ANOTHER WELL ENTERED IN SAME CAVERN.

-----  
UIC-H10H-MONTR-PRESS-GT-ZERO  
-----

THIS DATA ITEM INDICATES THAT THIS FILING INDICATED THE PRESENCE (Y=YES, N=NO) OF A POSITIVE PRESSURE.

-----  
UIC-H10H-MONTR-SURFACE-VESSEL - RESERVED FOR FUTURE USE  
-----

THIS DATA ITEM INDICATES THAT THIS FILING INDICATED THE PRESENCE (Y=YES, N=NO) OF ANY LPG ABOVEGROUND VESSELS OR LOADING RACKS INSTALLED DURING THE LAST YEAR.

-----  
UIC-H10H-MONTR-NEW-FORM-FLAG  
-----

VALUE 'Y' INDICATES THAT THIS FILING WAS MADE ON ANOTHER VERSION OF H-10H AFTER 1995.

-----  
UIC-H10H-MONTR-DUE-DATE

-----  
THE CCYYMM DATE THE H-10H IS NEXT DUE.

-----  
UIC-H10H-MONTR-H10-TYPE-FLAG

-----  
VALUE 'Z' INDICATES H-10H IS BEING PROCESSED.

```

** UIW7002 *****
*
* UNDERGROUND INJECTION CONTROL H-10
* VIOLATION SEGMENT
*
* SEGMENT NAME: UIH10VIO LENGTH: 100 BYTES
*
* FUNCTION SOURCE SSA NAME
* -----
* KEY FIELD ==> UIC-H10-VIOL-SEGMENT-KEY UIH10VKY
* SEARCH FIELD=> UIC-H10-VIOL-LETTER-KEY UIH10DTK

01 RAILROAD-COMMISSION-TAPE-REC. POS.
 02 RRC-TAPE-RECORD-ID PIC X(02). 1
 02 UIC-H10-VIOLATION-SEGMENT.
 05 UIC-H10-VIOL-SEGMENT-KEY.
 10 UIC-H10-VIOL-BEGIN-DATE.
 15 UIC-H10-VIOL-BEGIN-YEAR PIC 9(04) VALUE ZEROS. 3
 15 UIC-H10-VIOL-BEGIN-MONTH PIC 9(02) VALUE ZEROS. 7
 10 UIC-H10-VIOL-END-DATE.
 15 UIC-H10-VIOL-END-YEAR PIC 9(04) VALUE ZEROS. 9
 15 UIC-H10-VIOL-END-MONTH PIC 9(02) VALUE ZEROS. 13
 10 UIC-H10-VIOL-CODE PIC 9(02) VALUE ZEROS. 15
 05 UIC-H10-VIOL-LETTER-KEY PIC 9(08) VALUE ZEROS. 17
 05 UIC-H10-VIOL-LETTER-DATE.
 10 UIC-H10-VIOL-LETTER-YEAR PIC 9(04) VALUE ZEROS. 25
 10 UIC-H10-VIOL-LETTER-MONTH PIC 9(02) VALUE ZEROS. 29
 10 UIC-H10-VIOL-LETTER-DAY PIC 9(02) VALUE ZEROS. 31
 05 UIC-H10-VIOL-RESOLVE-DATE.
 10 UIC-H10-VIOL-RESOLVE-YEAR PIC 9(04) VALUE ZEROS. 33
 10 UIC-H10-VIOL-RESOLVE-MONTH PIC 9(02) VALUE ZEROS. 37
 10 UIC-H10-VIOL-RESOLVE-DAY PIC 9(02) VALUE ZEROS. 39
 05 UIC-H10-VIOL-RESOLVE-BY-FLAG PIC X VALUE 'N'. 41
 88 UIC-H10-VIOL-RESOLVE-BY-FORM VALUE 'F'.
 88 UIC-H10-VIOL-RESOLVE-BY-H10 VALUE 'H'.
 88 UIC-H10-VIOL-RESOLVE-BY-OS VALUE 'O'.
 88 UIC-H10-VIOL-RESOLVE-BY-FIX VALUE 'X'.
 05 UIC-H10-VIOL-P4-CERT-LTR-KEY.
 10 UIC-H10-VIOL-P4-CERT-DTE-KEY PIC 9(08) VALUE ZEROS. 42
 10 UIC-H10-VIOL-P4-CERT-SECTION PIC X(02) VALUE SPACE. 50
 10 UIC-H10-VIOL-P4-CERT-REASON PIC 9(02) VALUE ZEROS. 52
 05 UIC-H10-VIOL-SEVER-LTR-DATE.
 10 UIC-H10-VIOL-SEVER-LTR-YEAR PIC 9(04) VALUE ZEROS. 54
 10 UIC-H10-VIOL-SEVER-LTR-MONTH PIC 9(02) VALUE ZEROS. 58
 10 UIC-H10-VIOL-SEVER-LTR-DAY PIC 9(02) VALUE ZEROS. 60
 05 UIC-H10-VIOL-ON-HOLD-FLAG PIC X VALUE 'N'. 62
 88 UIC-H10-VIOL-ON-HOLD VALUE 'F'.
 05 FILLER PIC X(40) VALUE ZEROS. 63
 02 RRC-TAPE-FILLER PIC X(0520). 103

```

```

* DATA DICTIONARY FOR UIC H10 VIOLATION SEGMENT 09/07 *
* *
* SEGMENT NAME =====> UIH10VIO *
* *
* KEY FIELD ===> UIC-H10-VIOL-SEGMENT-KEY *
* -- UIC-H10-VIOL-BEGIN-DATE *
* -- UIC-H10-VIOL-END-DATE *
* -- UIC-H10-VIOL-CODE *
* SEARCH FIELD => UIC-H10-VIOL-LETTER-KEY *
* -----
* RRC-TAPE-RECORD-ID
* -----
* THIS TWO-DIGIT NUMBER INDICATES THE RAILROAD COMMISSION (RRC)
* UIC DATABASE TAPE'S RECORD ID. CONTAINED IN THE FIRST TWO
* BYTES OF EACH RECORD, THIS ITEM TELLS WHAT TYPE OF INFOR-
* MATION WILL BE FOUND IN EACH RECORD.
*
* REC ID
* VALUE TAPE RECORD DESCRIPTION
*
* 14 - H10 VIOLATION DATA (UI0HVIO SEGMENT)
*
* COPY MEMBER: UIW70001

```

-----  
UIC-H10-VIOLATION-SEGMENT  
-----

THIS RECORD CONTAINS VIOLATION DATA FOR FORM H10S FILED  
SINCE THE NEW OGM H10 ON-LINE FILING SYSTEM IMPLEMENTED 09/2007.

-----  
UIC-H10-VIOL-SEGMENT-KEY  
-----

UIC-H10-VIOL-SEGMENT-KEY.

THIS IS A 14 BYTE COMPOUND KEY COMPOSED OF:  
UIC-H10-VIOL-BEGIN-DATE  
UIC-H10-VIOL-END-DATE  
UIC-H10-VIOL-CODE

-----  
UIC-H10-VIOL-BEGIN-DATE  
-----

THIS IS A 6 DIGIT CCYMM DATE THAT REFLECTS THE FIRST MONTH  
OF THE YEARLY H10 REPORTING CYCLE.

-----  
UIC-H10-VIOL-END-DATE  
-----

THIS IS A 6 DIGIT CCYYMM DATE THAT REFLECTS THE LAST MONTH OF THE YEARLY H10 REPORTING CYCLE.

-----  
UIC-H10-VIOL-CODE  
-----

THIS IS A 2 BYTE CODE EXPLAINING THE TYPE OF VIOLATION FOR THIS H10 FILING. THE CODES ARE

- 01 - FILING ON PLUGGED OR CANCELLED PERMIT
- 02 - PACKER DEPTH FOR TYPE 1 INJ > 100 ABOVE PERMITTED INT
- 03 - INVALID LEASE ID
- 04 - NOT USED
- 05 - FLUID COMMENT = 'SEE COMMENTS'
- 06 - NOT USED
- 07 - MAX PSIG > PERMITTED MAX PSIG + 100
- 08 - VOL OF LIQUID INJECTED > MAX PERMITTED + 1000
- 09 - VOL OF GAS INJECTED > MAX PERMITTED + 1000
- 10 - IF VOL INJECT (BBL/MCF) THEN H5 MUST BE ON FILE
- 11 - IF VOL INJECT (BBL/MCF) THEN W2/G1 MUST BE ON FILE
- 12 - WELL NOT REQUIRED TO FILE H-10
- 13 - DELINQUENT H-10
- 14 - SAME VIOLATION OF TWO YEARLY FILINGS IN A ROW
- 15 - H-10 FILED FOR DUAL COMPLETION WELLBORE
- 16 - ANNULUS INFO NOT ENTERED FOR WELL WITH SPECIAL COND
- 17 - NOT USED
- 18 - NOT PERMITTED FOR SALT WATER - SALT WATER REPORTED
- 19 - NOT PERMITTED FOR BRACKISH WATER - BRACKISH WATER RRT RTED
- 20 - NOT PERMITTED FOR FRESH WATER - FRESH WATER REPORTED
- 21 - NOT PERMITTED FOR AIR - AIR REPORTED
- 22 - NOT PERMITTED FOR GAS - GAS REPORTED
- 23 - NOT PERMITTED FOR CO2 - CO2 REPORTED
- 24 - NOT PERMITTED FOR POLYMER - POLYMER REPORTED
- 25 - NOT PERMITTED FOR NORM - NORM REPORTED
- 26 - DEPTH OF TOZ > PERMITTED TOZ + 100
- 27 - DEPTH OF BOZ > PERMITTED BOZ - 100
- 28 - NOT USED
- 29 - NOT USED
- 30 - POSITIVE VOLUMES FILED AFTER WELL PLUGGED

-----  
UIC-H10-VIOL-LETTER-KEY  
-----

THIS IS A 8 DIGIT KEY (NINE'S COMPLEMENT: 99999999 - DATE) OF WHEN THE VIOLATION LETTER WAS MAILED TO THE OPERATOR OF THE UIC WELL.

-----  
UIC-H10-VIOL-LETTER-DATE  
-----

THIS IS A 8 DIGIT DATE (CCYYMMDD) REFLECTING WHEN THE VIOLATION LETTER WAS MAILED TO THE OPERATOR OF THE UIC WELL.

-----  
UIC-H10-VIOL-RESOLVE-LETTER-DATE  
-----

THIS IS A 8 DIGIT DATE (CCYYMMDD) REFLECTING WHEN THE VIOLATION WAS RESOLVED. THIS DATE CAN BE SET AND UNSET REPEATEDLY.

-----  
UIC-H10-VIOL-RESOLVE-BY-FLAG  
-----

THIS IS A 1 BYTE CODE SHOWING HOW THE VIOLATION WAS RESOLVED:

- 'F' - UIC-H10-VIOL-RESOLVE-BY-FORM
- 'H' - UIC-H10-VIOL-RESOLVE-BY-H10
- 'O' - UIC-H10-VIOL-RESOLVE-BY-OS

-----  
UIC-H10-VIOL-PRINT-CERT-FLAG  
-----

THIS IS A 1 BYTE FLAG ('Y' OR 'N') INDICATING IF A CERTIFIED LETTER WAS SENT OUT FOR THE VIOLATION.

-----  
UIC-H10-VIOL-CERT-LTR-DATE  
-----

THIS IS A 8 DIGIT DATE (CCYYMMDD) REFLECTING WHEN THE CERTIFIED LETTER WAS SENT OUT FOR THE VIOLATION.

-----  
UIC-H10-VIOL-SEVER-LTR-DATE  
-----

THIS IS A 8 DIGIT DATE (CCYYMMDD) REFLECTING WHEN A SEVERANCE WAS ISSUED FOR THE LEASE OF THIS UIC WELL.

### **III. APPENDIX A**



| COUNTY LIST   | 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         |

| COUNTY NAME | COUNTY CODE |
|-------------|-------------|
| COOKE       | 097         |
| CORYELL     | 099         |
| COTTLE      | 101         |
| 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         |

| COUNTY NAME | COUNTY CODE |
|-------------|-------------|
| HALL        | 191         |
| HAMILTON    | 193         |
| HANSFORD    | 195         |
| HARDEMAN    | 197         |
| HARDIN      | 199         |
| HARRIS      | 201         |
| HARRISON    | 203         |
| HARTLEY     | 205         |
| HASKELL     | 207         |
| HAYS        | 209         |
| HEMPHILL    | 211         |
| 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         |

| COUNTY NAME | COUNTY CODE |
|-------------|-------------|
| 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         |
| 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         |

| COUNTY NAME   | COUNTY CODE |
|---------------|-------------|
| 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         |
| 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         |

| COUNTY NAME | COUNTY CODE |
|-------------|-------------|
| 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 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                  |

## **IV. APPENDIX B**

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1 *****
* UIW700L2 *
* UNDERGROUND INJECTION CONTROL H-10H STORAGE WELL MONTHLY *
* MONITOR SEGMENT *
*=====
* THIS LAYOUT IS FOR THE ASCII NON COMP-3 DATA VERSION *
*=====
*
* SEGMENT NAME: UIMNH10H SEGMENT LENGTH 622 *
*
* FUNCTION SOURCE SSA NAME *
* -----
* KEY MN-H10H-KEY MNH10HKY *

*
01 UIC-MN-H10H-SEGMENT. POSITION
 03 RRC-H10H-SEGMENT-ID PIC X(02). 1
 03 MN-H10H-KEY.
 05 MN-H10H-CCYY.
 10 MN-H10H-CENTURY PIC 9(2) VALUE ZEROS. 3
 10 MN-H10H-YEAR PIC 9(2) VALUE ZEROS. 5
 05 MN-H10H-MONTH PIC 9(2) VALUE ZEROS. 7
* ----- MAXIMUM PRESSURES ----- *
 03 MN-H10H-MAX-HYDROCARB-PSIG PIC 9(5) VALUE ZEROS. 9
 03 MN-H10H-MAX-HYDROCARB-PSIG- X REDEFINES
 MN-H10H-MAX-HYDROCARB-PSIG PIC X(5).
 03 MN-H10H-MAX-BRINE-PSIG PIC 9(5) VALUE ZEROS. 14
 03 MN-H10H-MAX-BRINE-PSIG- X REDEFINES
 MN-H10H-MAX-BRINE-PSIG PIC X(5).
* ----- NET VOLUMES INJECTED OR WITHDRAWN ----- *
 03 MN-H10H-INJ-BRINE-BBLS-SIGN PIC X(01) VALUE SPACES. 19
 03 MN-H10H-INJ-BRINE-BBLS PIC 9(05) VALUE ZEROS. 20
 03 MN-H10H-INJ-BRINE-BBLS- X REDEFINES
 MN-H10H-INJ-BRINE-BBLS PIC X(5).

 03 MN-H10H-INJ-HYDRO-BBLS-SIGN PIC X(1) VALUE SPACES. 25
 03 MN-H10H-INJ-HYDROCARB-BBLS PIC 9(5) VALUE ZEROS. 26
 03 MN-H10H-INJ-HYDROCARB-BBLS- X REDEFINES
 MN-H10H-INJ-HYDROCARB-BBLS PIC X(5).

 03 MN-H10H-INJ-GAS-MCF-SIGN PIC X(1) VALUE SPACES. 31
 03 MN-H10H-INJ-GAS-MCF PIC 9(5) VALUE ZEROS. 32
 03 MN-H10H-INJ-GAS-MCF- X REDEFINES
 MN-H10H-INJ-GAS-MCF PIC X(5).

 03 MN-H10H-DOCUMENT-ID.
 05 MN-H10H-DOCUMENT-CYCLE PIC 9(4) VALUE ZEROS. 37
 05 MN-H10H-DOCUMENT-BATCH PIC 9(4) VALUE ZEROS. 41
 05 MN-H10H-DOCUMENT-ITEM PIC 9(4) VALUE ZEROS. 45
 03 RRC-MN-H10H-FILLER PIC X(574) VALUE SPACES. 49

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1 *****
* OIL & GAS UNDERGROUND INJECTION (UI) DATABASE *
* (UIW700D2) *
*=====
* THIS LAYOUT IS FOR THE ASCII NON COMP-3 DATA VERSION *
*=====
* SEGMENT NAME: UIMNH10 LENGTH: 42 *
*-----
* VARIABLE | FIELD | SSA *
* NAME | TYPE | NAME *
*-----
* MN-H10-KEY | KEY | MNH10KEY *
* MN-H10-DOCUMENT-ID | SECONDARY INDEX | XH10BTCH *

*

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| 01 UIC-MN-H10-SEGMENT-OR.                            | POSITION                     |
|------------------------------------------------------|------------------------------|
| 03 MN-H10-KEY.                                       |                              |
| 05 MN-H10-CCYY.                                      |                              |
| 10 MN-H10-CENTURY                                    | PIC 9(2). 1                  |
| 10 MN-H10-YEAR                                       | PIC 9(2). 3                  |
| 05 MN-H10-MONTH                                      | PIC 9(2). 5                  |
| 03 MN-H10-AVG-INJ-PRESSURE                           | PIC 9(4). 7                  |
| 03 MN-H10-AVG-INJ-<br>MN-H10-AVG-INJ-PRESSURE        | SPACE REDEFINES<br>PIC X(3)  |
| 03 MN-H10-MAX-INJ-PRESSURE                           | PIC 9(4). 11                 |
| 03 MN-H10-MAX-INJ-<br>MN-H10-MAX-INJ-PRESSURE        | SPACE REDEFINES<br>PIC X(3). |
| 03 MN-H10-TOTAL-VOL-BBL                              | PIC 9(8). 15                 |
| 03 MN-H10-TOTAL-VOL-BBL-<br>MN-H10-TOTAL-VOL-BBL     | SPACE REDEFINES<br>PIC X(5). |
| 03 MN-H10-TOTAL-VOL-MCF                              | PIC 9(8). 23                 |
| 03 MN-H10-TOTAL-VOL-MCF-<br>MN-H10-TOTAL-VOL-MCF     | SPACE REDEFINES<br>PIC X(5). |
| 03 MN-H10-ANNULUS-MINIMUM                            | PIC 9(4). 31                 |
| 03 MN-H10-ANNULUS-MINIMUM-<br>MN-H10-ANNULUS-MINIMUM | SPACE REDEFINES<br>PIC X(3). |
| 03 MN-H10-ANNULUS-MAXIMUM                            | PIC 9(4). 35                 |
| 03 MN-H10-ANNULUS-MAXIMUM-<br>MN-H10-ANNULUS-MAXIMUM | SPACE REDEFINES<br>PIC X(3). |
| 03 MN-H10-ANNULUS-COUNT                              | PIC 9(2). 39                 |
| 03 MN-H10-ANNULUS-COUNT-<br>MN-H10-ANNULUS-COUNT     | SPACE REDEFINES<br>PIC X(2). |
| 03 MN-H10-DOCUMENT-ID.                               |                              |
| 05 MN-H10-DOCUMENT-CYCLE                             | PIC 9(4) VALUE ZERO. 41      |
| 05 MN-H10-DOCUMENT-BATCH                             | PIC 9(4) VALUE ZERO. 45      |
| 05 MN-H10-DOCUMENT-ITEM                              | PIC 9(4) VALUE ZERO. 49      |