

RAILROAD COMMISSION OF TEXAS  
UNDERGROUND INJECTION CONTROL  
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. If you request assistance in using the manual, your request will be given every consideration.

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GENERAL INFORMATION

IDENTIFICATION

Developed For: Users of Underground Injection  
Control Information

By: Railroad Commission of Texas

System Name: Underground Injection Control

Computer: IBM 2003-116

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.

FILE CHARACTERISTICS

IBM Standard Labels

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

Dataset Name: S.UIF700

Record Length: 640

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	----->	H10 Violations

## II. FILE INFORMATION

```

**** UIW700A2 *****
*
*           UNDERGROUND INJECTION CONTROL ROOT SEGMENT           *
*
* SEGMENT NAME:  UIROOT                      LENGTH:  640 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)*
*
*****

```

```

01 RAILROAD-COMMISSION-TAPE-REC.                POSITION
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 UIC-NEXT-CTL-NUM.
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
10 UIC-W14-YY                 PIC 9(2)  VALUE ZEROS.    60
05 UIC-W14-MONTH              PIC 9(2)  VALUE ZEROS.    62
05 UIC-W14-DAY                PIC 9(2)  VALUE ZEROS.    64
03 UIC-H1-DATE.
05 UIC-H1-YEAR.
10 UIC-H1-CC                 PIC 9(2)  VALUE ZEROS.    66
10 UIC-H1-YY                 PIC 9(2)  VALUE ZEROS.    68
05 UIC-H1-MONTH              PIC 9(2)  VALUE ZEROS.    70
05 UIC-H1-DAY                PIC 9(2)  VALUE ZEROS.    72
03 UIC-LETTER-DATE.
05 UIC-LETTER-YEAR.
10 UIC-LETTER-CC             PIC 9(2)  VALUE ZEROS.    74
10 UIC-LETTER-YY             PIC 9(2)  VALUE ZEROS.    76

```

	05	UIC-LETTER-MONTH	PIC 9(2)	VALUE ZEROS.	78
	05	UIC-LETTER-DAY	PIC 9(2)	VALUE ZEROS.	80
03		UIC-PERMIT-ADDED-DATE.			
	05	UIC-PMT-ADDED-YEAR.			
	10	UIC-PMT-ADDED-CC	PIC 9(2)	VALUE ZEROS.	82
	10	UIC-PMT-ADDED-YY	PIC 9(2)	VALUE ZEROS.	84
	05	UIC-PMT-ADDED-MONTH	PIC 9(2)	VALUE ZEROS.	86
	05	UIC-PMT-ADDED-DAY	PIC 9(2)	VALUE ZEROS.	88
03		UIC-ACTIVATED-FLAG	PIC X(1)	VALUE SPACE.	90
03		UIC-INJ-NORM	PIC X(1)	VALUE 'N'.	91
03		FILLER	PIC X(6)	VALUE ZEROS.	92
03		UIC-CANCEL-DATE.			
	05	UIC-CANCEL-YEAR.			
	10	UIC-CANCEL-CC	PIC 9(2)	VALUE ZEROS.	98
	10	UIC-CANCEL-YY	PIC 9(2)	VALUE ZEROS.	100
	05	UIC-CANCEL-MONTH	PIC 9(2)	VALUE ZEROS.	102
	05	UIC-CANCEL-DAY	PIC 9(2)	VALUE ZEROS.	104
03		UIC-W2-G1-DATE.			
	05	UIC-W2-G1-YEAR.			
	10	UIC-W2-G1-CC	PIC 9(2)	VALUE ZEROS.	106
	10	UIC-W2-G1-YY	PIC 9(2)	VALUE ZEROS.	108
	05	UIC-W2-G1-MONTH	PIC 9(2)	VALUE ZEROS.	110
	05	UIC-W2-G1-DAY	PIC 9(2)	VALUE ZEROS.	112
03		UIC-W3-DATE.			
	05	UIC-W3-YEAR.			
	10	UIC-W3-CC	PIC 9(2)	VALUE ZEROS.	114
	10	UIC-W3-YY	PIC 9(2)	VALUE ZEROS.	116
	05	UIC-W3-MONTH	PIC 9(2)	VALUE ZEROS.	118
	05	UIC-W3-DAY	PIC 9(2)	VALUE ZEROS.	120
03		UIC-TYPE-INJ	PIC 9(1)	VALUE ZEROS.	122
03		UIC-TYPE-INJ-CMT	PIC X(30)	VALUE ZEROS.	123
03		UIC-TYPE-FLU-CMT	PIC X(30)	VALUE ZEROS.	153
03		UIC-BBL-VOL-INJ	PIC 9(9)	VALUE ZEROS.	183
03		UIC-MCF-VOL-INJ	PIC 9(9)	VALUE ZEROS.	192
03		UIC-TOP-INJ-ZONE	PIC 9(5)	VALUE ZEROS.	201
03		UIC-BOT-INJ-ZONE	PIC 9(5)	VALUE ZEROS.	206
03		UIC-MAX-INJ-PRESSURE	PIC 9(5)	VALUE ZEROS.	211
03		UIC-MAX-INJ-COMMENT REDEFINES UIC-MAX-INJ-PRESSURE			
			PIC X(5).		
03		UIC-H1-NO	PIC 9(5)	VALUE ZEROS.	216
03		UIC-W14-NO	PIC 9(5)	VALUE ZEROS.	221
03		UIC-INJ-FLUIDS.			
	05	UIC-INJ-SW	PIC X(1)	VALUE 'N'.	226
	05	UIC-INJ-FW	PIC X(1)	VALUE 'N'.	227
	05	UIC-INJ-BW	PIC X(1)	VALUE 'N'.	228
	05	UIC-INJ-AIR	PIC X(1)	VALUE 'N'.	229
	05	UIC-INJ-GAS	PIC X(1)	VALUE 'N'.	230
	05	UIC-INJ-LPG	PIC X(1)	VALUE 'N'.	231
	05	UIC-INJ-CO2	PIC X(1)	VALUE 'N'.	232
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03		UIC-SPECIAL-CONDITIONS.			
	05	UIC-SPEC-ANN-PRESS-TEST	PIC X(1)	VALUE 'N'.	239
	05	UIC-SPEC-ANN-RAD-TRACER-SUR	PIC X(1)	VALUE 'N'.	240
	05	UIC-SPEC-ANN-TEMP-SURVEY	PIC X(1)	VALUE 'N'.	241
	05	UIC-SPEC-DOWNHOLE-SURVEY	PIC X(1)	VALUE 'N'.	242
	05	UIC-SPEC-SEMI-ANNUAL-PT	PIC X(1)	VALUE 'N'.	243
	05	UIC-SPEC-TBG-CSG-ANNULUS	PIC X(1)	VALUE 'N'.	244
	05	UIC-SPEC-TBG-CSG-FREQ	PIC X(1)	VALUE SPACE.	245
	05	UIC-SPEC-MONTR-PRESS	PIC X(1)	VALUE 'N'.	246

05	UIC-SPEC-MONTR-PRESS-CODE-1	PIC X(2)	VALUE SPACE.	247
05	UIC-SPEC-MONTR-PRESS-CODE-2	PIC X(2)	VALUE SPACE.	249
05	UIC-SPEC-MONTR-PRESS-FREQ	PIC X(1)	VALUE SPACE.	251
05	UIC-SPEC-MEAS-FLUID-LEVEL	PIC X(1)	VALUE 'N'.	252
05	UIC-SPEC-MEAS-FLUID-FREQ	PIC X(1)	VALUE SPACE.	253
05	UIC-SPEC-COMMERCIAL	PIC X(1)	VALUE 'N'.	254
05	UIC-SPEC-CEMENT-SQZ	PIC X(1)	VALUE 'N'.	255
05	UIC-SPEC-CEMENT-SQZ-AMT1	PIC 9(06)	VALUE ZERO.	256
05	UIC-SPEC-CEMENT-SQZ-AMT2	PIC 9(03)	VALUE ZERO.	262
05	UIC-SPEC-CEMENT-SQZ-2	PIC X(1)	VALUE 'N'.	265
05	UIC-SPEC-CEMENT-SQZ-2-AMT1	PIC 9(06)	VALUE ZERO.	266
05	UIC-SPEC-CEMENT-SQZ-2-AMT2	PIC 9(03)	VALUE ZERO.	272
05	UIC-SPEC-BLOCK-SQZ-SX	PIC X(1)	VALUE 'N'.	275
05	UIC-SPEC-BLOCK-SQZ-SX-AMT1	PIC 9(06)	VALUE ZERO.	276
05	UIC-SPEC-BLOCK-SQZ-SX-AMT2	PIC 9(03)	VALUE ZERO.	282
05	UIC-SPEC-BLOCK-SQZ	PIC X(1)	VALUE 'N'.	285
05	UIC-SPEC-BLOCK-SQZ-AMT	PIC 9(06)	VALUE ZERO.	286
05	UIC-SPEC-SQZ-PERF	PIC X(1)	VALUE 'N'.	292
05	UIC-SPEC-SQZ-PERF-DPTH	PIC 9(06)	VALUE ZERO.	293
05	UIC-SPEC-BRIDGE-PLUG	PIC X(1)	VALUE 'N'.	299
05	UIC-SPEC-BRIDGE-PLUG-DPTH	PIC 9(06)	VALUE ZERO.	300
05	UIC-SPEC-FLUID-SOURCE-LIMIT	PIC X(1)	VALUE 'N'.	306
05	UIC-SPEC-PLUG-AREA-WELLS	PIC X(1)	VALUE 'N'.	307
05	UIC-SPEC-PLUG-AREA-WELLS-NO	PIC 9(02)	VALUE ZERO.	308
05	UIC-SPEC-PERMIT-EXP	PIC X(1)	VALUE 'N'.	310
05	UIC-SPEC-PERMIT-EXP-DATE.			
	10 UIC-SP-PMT-EXP-YEAR.			
	15 UIC-SP-PMT-EXP-CC	PIC 9(2)	VALUE ZERO.	311
	15 UIC-SP-PMT-EXP-YY	PIC 9(2)	VALUE ZERO.	313
	10 UIC-SP-PMT-EXP-MM	PIC 9(2)	VALUE ZERO.	315
	10 UIC-SP-PMT-EXP-DD	PIC 9(2)	VALUE ZERO.	317
05	UIC-SPEC-GAS-PLANT	PIC X(1)	VALUE 'N'.	319
05	UIC-SPEC-OTHER	PIC X(1)	VALUE 'N'.	320
03	UIC-EXCEPTIONS.			
05	UIC-EXC-TUBING-PACKER	PIC X(1)	VALUE 'N'.	321
05	UIC-EXC-TUBING-PACKER-DATE.			
	10 UIC-EX-TBG-PKR-YEAR.			
	15 UIC-EX-TBG-PKR-CC	PIC 9(2)	VALUE ZERO.	322
	15 UIC-EX-TBG-PKR-YY	PIC 9(2)	VALUE ZERO.	324
	10 UIC-EX-TBG-PKR-MM	PIC 9(2)	VALUE ZERO.	326
	10 UIC-EX-TBG-PKR-DD	PIC 9(2)	VALUE ZERO.	328
05	UIC-EXC-PACKER-DEPTH	PIC X(1)	VALUE 'N'.	330
05	UIC-EXC-PACKER-DEPTH-DATE.			
	10 UIC-EX-PKR-DEPTH-YEAR.			
	15 UIC-EX-PKR-DEPTH-CC	PIC 9(2)	VALUE ZERO.	331
	15 UIC-EX-PKR-DEPTH-YY	PIC 9(2)	VALUE ZERO.	333
	10 UIC-EX-PKR-DEPTH-MM	PIC 9(2)	VALUE ZERO.	335
	10 UIC-EX-PKR-DEPTH-DD	PIC 9(2)	VALUE ZERO.	337
05	UIC-EXC-PACKER-DEPTH-AMT	PIC 9(06)	VALUE ZERO.	339
05	UIC-EXC-OBSERV-VALUE	PIC X(1)	VALUE 'N'.	345
05	UIC-EXC-OBSERV-VALUE-DATE.			
	10 UIC-EX-OBS-VALUE-YEAR.			
	15 UIC-EX-OBS-VALUE-CC	PIC 9(2)	VALUE ZERO.	346
	15 UIC-EX-OBS-VALUE-YY	PIC 9(2)	VALUE ZERO.	348
	10 UIC-EX-OBS-VALUE-MM	PIC 9(2)	VALUE ZERO.	350
	10 UIC-EX-OBS-VALUE-DD	PIC 9(2)	VALUE ZERO.	352
03	UIC-BASE-USUABLE-QUALITY-WATER.			
05	UIC-DPTH-BOT-OF-TOP-ZONE	PIC 9(04)	VALUE ZERO.	354
05	UIC-DPTH-TOP-OF-SPLIT-ZONE	PIC 9(04)	VALUE ZERO.	358
05	UIC-DPTH-BOT-OF-SPLIT-ZONE	PIC 9(04)	VALUE ZERO.	362
03	UIC-LOCATION	PIC X(52)	VALUE ZEROS.	366
03	UIC-SURVEY-LINES	PIC X(28)	VALUE ZEROS.	418

03	UIC-STATUS	PIC X(1)	VALUE ZEROS.	446
03	UIC-GEOTHERMAL	PIC X(1)	VALUE ZEROS.	447
03	UIC-MISMATCH	PIC X(1)	VALUE ZEROS.	448
03	UIC-DEPTH-BOZ	PIC 9(9)	VALUE ZEROS.	449
03	UIC-DEPTH-PKR	PIC 9(9)	VALUE ZEROS.	458
03	UIC-INJ-MODE	PIC X(1)	VALUE ZEROS.	467
03	UIC-TECHNICIAN-DATA.			
	05	UIC-TECHNICIAN-REVIEW-DATE.		
		10	UIC-TECH-REVIEW-YEAR.	
			15	UIC-TECH-REVIEW-CC PIC 9(2) VALUE ZERO. 468
			15	UIC-TECH-REVIEW-YY PIC 9(2) VALUE ZERO. 470
		10	UIC-TECH-REVIEW-MM PIC 9(2) VALUE ZERO. 472	
		10	UIC-TECH-REVIEW-DD PIC 9(2) VALUE ZERO. 474	
	05	UIC-TECHNICIAN-INITIALS PIC X(03) VALUE SPACE. 476		
	05	UIC-TECHNICIAN-RESULTS PIC X(06) VALUE SPACE. 479		
03	UIC-PROD-CASING.			
	05	UIC-PROD-CASING-AMT PIC 9(02) VALUE ZERO. 485		
	05	UIC-PROD-CASING-FRACTION-1 PIC 9(02) VALUE ZERO. 487		
	05	UIC-PROD-CASING-FRACTION-2 PIC 9(02) VALUE ZERO. 489		
	05	UIC-PROD-CASING-DEPTH PIC 9(05) VALUE ZERO. 491		
	05	UIC-PROD-CASING-CEMENT PIC 9(04) VALUE ZERO. 496		
	05	UIC-PROD-CASING-TOP-CEMENT PIC 9(05) VALUE ZERO. 500		
	05	UIC-PROD-CASING-TOP-COMMENT REDEFINES UIC-PROD-CASING-TOP-CEMENT PIC X(05).		
	05	UIC-PROD-CASING-PKR-DEPTH PIC 9(05) VALUE ZEROS. 505		
03	UIC-GAS-PLANT-COMMENT PIC X(20) VALUE ZEROS.			510
03	UIC-OPTIONAL-LEASE-NAME REDEFINES UIC-GAS-PLANT-COMMENT PIC X(20).			
03	UIC-SPECIAL-COND-CMT PIC X(28) VALUE ZEROS.			530
03	UIC-FILE-REVIEW-DATE.			
	05	UIC-FILE-REV-YEAR.		
		10	UIC-FILE-REV-CC PIC 9(02) VALUE ZEROS. 558	
		10	UIC-FILE-REV-YY PIC 9(02) VALUE ZEROS. 560	
	05	UIC-FILE-REV-MM PIC 9(02) VALUE ZEROS. 562		
	05	UIC-FILE-REV-DD PIC 9(02) VALUE ZEROS. 564		
03	UIC-FILE-REVIEW-INIT PIC X(03) VALUE SPACES.			566
03	UIC-DOCKET-NO-DIST PIC X(02) VALUE SPACES.			569
03	UIC-DOCKET-NO.			
	05	FILLER PIC X(02) VALUE SPACES. 571		
	05	UIC-OLD-DOCKET-NO PIC 9(05) VALUE ZEROS. 573		
03	UIC-UIROOT-FILLER PIC X(63) VALUE ZEROS.			578
03	UIC-H10-BATCH REDEFINES UIC-UIROOT-FILLER.			
	05	UIC-H10-BATCH-CYCLE PIC 9(4).		
	05	UIC-H10-BATCH-CURR PIC 9(4).		
	05	UIC-H10-BATCH-PREV PIC 9(4).		
	05	UIC-MISC-TYPE-MIT PIC X(22).		
	05	UIC-MISC-TYPE-MIT-FREQUENCY PIC 9(3).		
	05	UIC-TYPE-OF-WELL-COMPLETION PIC X(8).		
	05	FILLER PIC X(18).		



```

*****
* DATA DICTIONARY FOR UIC ROOT SEGMENT 10/95 *
*
* 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-INJ-NORM  
-----

THIS DATA ITEM DETERMINES WHETHER THE WELL IS PERMITTED TO INJECT NATURALLY OCCURRING RADIOACTIVE MATERIAL.

N = NOT PERMITTED  
Y = PERMITTED

-----  
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-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 AVAILIABLE 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 AVAILIABLE BATCH NUMBER  
ASSIGNMENT FOR BATCHING PREVIOUS CYCLE H-10 FORMS BY KEY  
ENTRY WHEN THE UIC-CNTL-NO EQUALS ALL ZEROS.

```

**UIW700B3*****
*
*                               10/05/95
* 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.
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

```

```

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

```

```

*
* -----
* 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)
*

```

```

-----
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.

```

-----
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'.

```

-----
UIC-REMARKS
-----

```

THE REMARK MAY BE UP TO 60 CHARACTERS IN LENGTH.

```

-----
UIC-REMARK-ID
-----

```

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.

```

*****
*           OIL & GAS UNDERGROUND INJECTION (UI) DATABASE           *
*                               (UIW700C4)                           *
*
* SEGMENT NAME:   UIMONTR                                           LENGTH: 184
*-----*
* VARIABLE       | FIELD           | SSA           *
* NAME           | TYPE           | NAME         *
*-----*
* UIC-MONTR-W-STATUS | SEARCH        | UIMWSTAT    *
* UIC-MONTR-H10-TYPE-FLAG | SEARCH        | UIMH10TP    *
*****

```

```

*
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      VALUE ZEROS.      3
03 UIC-MONTR-FLUIDS.
05 UIC-MONTR-SW           PIC X      VALUE 'N'.          4
05 UIC-MONTR-FW           PIC X      VALUE 'N'.          5
05 UIC-MONTR-BW           PIC X      VALUE 'N'.          6
05 UIC-MONTR-AIR          PIC X      VALUE 'N'.          7
05 UIC-MONTR-GAS          PIC X      VALUE 'N'.          8
05 UIC-MONTR-LPG          PIC X      VALUE 'N'.          9
05 UIC-MONTR-CO2          PIC X      VALUE 'N'.         10
05 UIC-MONTR-POLYMER      PIC X      VALUE 'N'.         11
03 UIC-MONTR-EXCEPTIONS.
05 UIC-MONTR-EXC-ALT-TEST      PIC X VALUE 'N'.          12
*==> 9(6) TO 9(8)
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.      13
15 UIC-MONTR-EXC-ALT-TST-YY PIC 9(2) VALUE ZEROS.      15
10 UIC-MONTR-EXC-ALT-TST-MM PIC 9(2) VALUE ZEROS.      17
10 UIC-MONTR-EXC-ALT-TST-DD PIC 9(2) VALUE ZEROS.      19
03 UIC-MONTR-REC-FLG        PIC X      VALUE ZEROS.      21
03 UIC-MONTR-HOLD           PIC X      VALUE ZEROS.      22
*
THE FOLLOWING DATES ARE FORMATTED MMDDYY.
*==> 9(6) TO 9(8)
03 UIC-MONTR-ISS-DTE.
05 UIC-MONTR-ISS-CCYY.
10 UIC-MONTR-ISS-CC PIC 9(2) VALUE ZEROS.      23
10 UIC-MONTR-ISS-YY PIC 9(2) VALUE ZEROS.      25
05 UIC-MONTR-ISS-MM        PIC 9(2) VALUE ZEROS.      27
05 UIC-MONTR-ISS-DD        PIC 9(2) VALUE ZEROS.      29
*==> 9(6) TO 9(8)
03 UIC-MONTR-REC-DTE.
05 UIC-MONTR-REC-CCYY.
10 UIC-MONTR-REC-CC PIC 9(2) VALUE ZEROS.      31
10 UIC-MONTR-REC-YY PIC 9(2) VALUE ZEROS.      33
05 UIC-MONTR-REC-MM        PIC 9(2) VALUE ZEROS.      35
05 UIC-MONTR-REC-DD        PIC 9(2) VALUE ZEROS.      37
*==> 9(6) TO 9(8)
03 UIC-MONTR-2ND-NOTICE.
05 UIC-MONTR-2ND-NOTICE-CCYY.

```

	10	UIC-MONTR-2ND-NTC-CC	PIC 9(2)	VALUE ZEROS.	39
	10	UIC-MONTR-2ND-NTC-YY	PIC 9(2)	VALUE ZEROS.	41
	05	UIC-MONTR-2ND-NTC-MM	PIC 9(2)	VALUE ZEROS.	43
	05	UIC-MONTR-2ND-NTC-DD	PIC 9(2)	VALUE ZEROS.	45
*==>	9(6)	TO 9(8)			
	03	UIC-MONTR-DEL-NOTICE.			
	05	UIC-MONTR-DEL-NOTICE-CCYY.			
	10	UIC-MONTR-DEL-NTC-CC	PIC 9(2)	VALUE ZEROS.	47
	10	UIC-MONTR-DEL-NTC-YY	PIC 9(2)	VALUE ZEROS.	49
	05	UIC-MONTR-DEL-NTC-MM	PIC 9(2)	VALUE ZEROS.	51
	05	UIC-MONTR-DEL-NTC-DD	PIC 9(2)	VALUE ZEROS.	53
*==>	YR	TO CCYR			
	03	UIC-MONTR-CYCLE-CCYY.			
	05	UIC-MONTR-CYCLE-CC	PIC 9(2)	VALUE ZEROS.	55
	05	UIC-MONTR-CYCLE-YR	PIC 9(2)	VALUE ZEROS.	57
	03	UIC-MONTR-FW-AVG-OR-MAX	PIC X	VALUE SPACE.	59
	03	UIC-MONTR-FW-BBLS-DAY	PIC 9(5)	VALUE ZEROS.	60
	03	UIC-MONTR-FW-SOURCE	PIC X(15)	VALUE SPACES.	65
	03	UIC-MONTR-ALT-RPTING	PIC X	VALUE ZEROS.	80
	03	UIC-MONTR-OPT-RPTING	PIC X	VALUE ZEROS.	81
	03	UIC-MONTR-INJ-FLU-FLAG	PIC X	VALUE ZEROS.	82
	03	UIC-MONTR-FLUID-CMT	PIC X(20)	VALUE ZEROS.	83
	03	UIC-MONTR-W-STAT-CMT	PIC X(20)	VALUE ZEROS.	103
	03	UIC-MONTR-TOP-INJ-ZONE	PIC 9(5)	VALUE ZEROS.	123
	03	FILLER	PIC 9(6)	VALUE ZEROS.	128
	03	FILLER	PIC X	VALUE SPACE.	134
	03	FILLER	PIC 9(6)	VALUE ZEROS.	135
	03	FILLER	PIC 9	VALUE ZEROS.	141
	03	FILLER	PIC X(20)	VALUE ZEROS.	142
*==>	MMYY	TO CCYYMM			
	03	UIC-MONTR-TBG-CSG-ANN-TST-DTE.			
	05	UIC-MONTR-ANN-TST-CCYY.			
	10	UIC-MONTR-ANN-TST-CC	PIC 99	VALUE ZEROS.	162
	10	UIC-MONTR-ANN-TST-YY	PIC 99	VALUE ZEROS.	164
	05	UIC-MONTR-ANN-TST-MM	PIC 99	VALUE ZEROS.	166
	03	UIC-MONTR-PRESS-GT-ZERO	PIC X	VALUE ZEROS.	168
	03	FILLER	PIC X	VALUE SPACES.	169
	03	UIC-MONTR-TBG-CSG-ANN-MON	PIC X(4)	VALUE SPACES.	170
	88	REQUIRED		VALUE 'REQD'.	
	88	OPTION		VALUE 'OPT'.	
	88	VOID		VALUE 'VOID'.	
	03	UIC-MONTR-TBG-CSG-AVG-READ	PIC 99	VALUE ZEROS.	174
	03	UIC-OLD-STATUS-5-FLAG	PIC X	VALUE SPACES.	176
	88	UIC-OLD-STATUS-5		VALUE 'Y'.	
	03	UIC-NEW-FORM-FLAG	PIC X	VALUE SPACES.	177
	88	UIC-NEW-FORM		VALUE 'Y'.	
	03	UIC-MONTR-95-FLUIDS.			
	05	UIC-MONTR-NRM	PIC X	VALUE 'N'.	178
	05	UIC-MONTR-OTH	PIC X	VALUE 'N'.	179
	03	UIC-MONTR-DUE-DATE.			
	05	UIC-MONTR-DUE-YEAR	PIC 9(4)	VALUE ZEROS.	180
	05	UIC-MONTR-DUE-MONTH	PIC 9(2)	VALUE ZEROS.	184
	03	UIC-MONTR-H10-TYPE-FLAG	PIC X	VALUE SPACES.	186
	88	UIC-MONTR-H10-SENT		VALUE 'H'.	
	88	UIC-MONTR-H10H-SENT		VALUE 'Z'.	

\*==\* EXPANDED 12 BYTES.  
02 RRC-TAPE-FILLER

PIC X(0436). 187

```

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

```

-----  
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.

OLD TYPES UNTIL 05/31/95

- 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

NEW TYPES AS OF 06/01/95

- 1 = AUTHORIZED BY RRC TO INJECT BUT NOT YET DRILLED
- 2 = DRILLED BUT NOT YET COMPLETED
- 3 = ACTIVE
- 4 = TEMPORARILY ABANDONED
- 5 = CONVERTED BACK TO PRODUCTION
- 6 = PERMIT CANCELED
- 7 = PLUGGED
- 8 = OTHER

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

DATA ITEMS UIC-MONTR-SW THROUGH UIC-MONTR-POLYMER  
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-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.
*==> YY TO CCYY
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
*==* EXPANDED 2 BYTES.
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  37        *
*                               *                                     *
* 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 VOUMES 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
*==* EXPANDED 2 BYTES
02 RRC-TAPE-FILLER                                PIC X(0583).  40

```

```

*****
* 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 (CCYMM) 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.

```

```

** UIW700F5 *****
*
*           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 99 VALUE ZEROS. 11
03 UIC-H5-SEGM-PRIOR-1992.
*==> 9(6) TO 9(8)
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
*==> 9(6) TO 9(8)
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 VALUE SPACE. 29
05 UIC-H5-SCHEDULE-FLAG          PIC X VALUE SPACE. 30
88 WELL-HAS-BEEN-SCHEDULED          VALUE 'Y'.
*==> 9(6) TO 9(8)
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
*==> 9(6) TO 9(8)
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 VALUE ZEROS. 47

```

```

*==> MMYT TO CCYYMM
      05 UIC-H5-MIT-CYCLE-TO-DATE.
        10 UIC-H5-MIT-CYCLE-TO-DATE-CCYY.
          15 UIC-H5-MIT-CYCLE-TO-DATE-CC PIC 99 VALUE ZEROS. 48
          15 UIC-H5-MIT-CYCLE-TO-DATE-YY PIC 99 VALUE ZEROS. 50
          10 UIC-H5-MIT-CYCLE-TO-DATE-MM PIC 99 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
*==> MMYT TO CCYYMM
      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 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'.
03 UIC-H5-ALTERNATE-CODE PIC 9 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 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 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 VALUE 'N'. 136
      88 THIS-IS-A-RETEST VALUE 'Y'.
*==> 9(6) TO 9(8)
      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

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03	UIC-H5-OTHER-TESTS-FLAG	PIC X	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	VALUE 'N'.	176
	05 UIC-H5-PACKER	PIC X	VALUE 'N'.	177
	05 UIC-H5-CASING	PIC X	VALUE 'N'.	178
	05 UIC-H5-WELLHEAD	PIC X	VALUE 'N'.	179
	05 UIC-H5-MISC-REPAIRS.			
	10 UIC-H5-MISC-REPAIR	PIC X	VALUE 'N'.	180
	10 UIC-H5-REPAIR-COMM	PIC X(20)	VALUE SPACES.	181
03	UIC-H5-WITNESSED-FLAG	PIC X	VALUE SPACES.	201
	88 H5-WITNESSED		VALUE 'Y'.	
03	UIC-H5-TEST-RESULTS	PIC X	VALUE SPACES.	202
	88 PASSED		VALUE 'P'.	
	88 FAILED		VALUE 'F'.	
	88 INCONCLUSIVE		VALUE 'I'.	
03	UIC-H5-INCONCLUSIVE-REASONS.			
	05 UIC-H5-TEST-PRESS	PIC X	VALUE 'N'.	203
	05 UIC-H5-200-PSI-DIFF	PIC X	VALUE 'N'.	204
	05 UIC-H5-NOT-STABILIZED	PIC X	VALUE 'N'.	205
	05 UIC-H5-TEST-LENGTH	PIC X	VALUE 'N'.	206
	05 UIC-H5-30-70-RANGE	PIC X	VALUE 'N'.	207
	05 UIC-H5-TEST-ANOMALIES	PIC X	VALUE 'N'.	208
	05 UIC-H5-CAUSE-OF-ANOMALIES.			
	10 UIC-H5-CHART	PIC X	VALUE 'N'.	209
	10 UIC-H5-PRESSURE	PIC X	VALUE 'N'.	210
	10 UIC-H5-TEST	PIC X	VALUE 'N'.	211
	10 UIC-H5-MISC-CAUSE.			
	15 UIC-H5-MISC	PIC X	VALUE 'N'.	212
	15 UIC-H5-CAUSE	PIC X(17)	VALUE SPACES.	213
	05 UIC-H5-INCONCLUSIVE-OTHER.			
	10 UIC-H5-INCONCLU	PIC X	VALUE 'N'.	230
	10 UIC-H5-INCONCLU-COMM	PIC X(22)	VALUE SPACES.	231
03	UIC-H5-ALT-TEST-COMMENT	PIC X(29)	VALUE SPACES.	253
*** X(34) TO X(22)				
	03 FILLER	PIC X(21)	VALUE ZEROS.	282
*** EXPANDED ZERO BYTES.				
	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 =====> UIW700F5 *
*
* ----- *
* 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 DATE 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-TEST-PRESS  
-----

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

-----  
UIC-H5-200-PSI-DIFF  
-----

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

-----  
UIC-H5-NOT-STABILIZED  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE RESULT WAS DUE TO A TEST THAT WAS NOT STABILIZED FOR THE REQUIRED LENGTH OF TIME.

-----  
UIC-H5-TEST-LENGTH  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE RESULT WAS DUE TO A TEST THAT WAS NOT HELD FOR THE REQUIRED LENGTH OF TIME.

-----  
UIC-H5-30-70-RANGE  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE RESULT WAS DUE TO A TEST BEING OUT OF THE 30 - 70% RANGE OF THE PRESSURE RECORDER CHART.

-----  
UIC-H5-CHART  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE RESULT WAS DUE TO A TEST ANOMALY ON THE PRESSURE RECORDER CHART.

-----  
UIC-H5-PRESSURE  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE RESULT WAS DUE TO A TEST ANOMALY IN THE WELL PRESSURE.

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

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE RESULT WAS DUE TO AN ANOMALY IN THE TEST ITSELF.

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

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL INDICATE WHETHER THE RESULT WAS DUE TO A TEST ANOMALY CAUSED BY SOMETHING OTHER THAN WHAT IS LISTED ABOVE.

-----  
UIC-H5-CAUSE  
-----

IF THE TEST IS INCONCLUSIVE, THIS DATA ITEM WILL EXPLAIN THE MISCELLANEOUS TEST ANOMALY.

-----  
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.

```

*****
*
*           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.

```

*****
* UIW700IX *
* 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.
*==> YYMMDD TO CCYYMMDD
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
*==> YYMMDD TO CCYYMMDD
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
*==> YYMMDD TO CCYYMMDD
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
*==* X(15) TO X(9)
03 FILLER PIC X(09) VALUE ZEROS. 34
*==* EXPANDED ZERO BYTES.
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
*
*****

```

-----  
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)

```

*****
*
*   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(0590). 33

```

```

*****
* DATA DICTIONARY FOR UIC ENFORCEMENT OTHER SEGMENT 12/87 *
*
* SEGMENT NAME ==> UIENFOTH *
*
* 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
11	-	ENFORCEMENT OTHER DATA (UIENFOTH)

-----  
ENF-OTH-COMP-METHOD  
-----

IF THE COMPLIANCE METHOD IN THE UIC ENFORCEMENT ACTION  
SEGMENT IS '10' (OTHER), THE 4-CHARACTER COMPLIANCE METHOD  
WILL BE MAINTAINED HERE.

-----  
ENF-OTH-ENFORCE-TYPE  
-----

IF THE ENFORCEMENT TYPE IN THE UIC ENFORCEMENT ACTION  
SEGMENT IS '08' (OTHER), THE 5-CHARACTER ENFORCEMENT TYPE  
WILL BE MAINTAINED HERE.

-----  
ENF-OTH-COMPLAINT-NUM  
-----

IF THE VIOLATION CODE IN THE UIC ENFORCEMENT ACTION  
SEGMENT IS '19' (CITZ COMPLAINT) OR '20' (OPR COMPLAINT),  
THE 10-CHARACTER COMPLAINT NUMBER WILL BE MAINTAINED HERE.  
(THIS NUMBER MAY BE LESS THAN 10 CHARACTERS).

```

*****
*
*   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

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	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			
		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			
		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			
		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			
		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			
		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 =====> UIMONTRH *
*
*****

```

```

-----
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.

1

```

** UIW70001 *****
*
*           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
*****

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01 RAILROAD-COMMISSION-TAPE-REC.          POS.
02 RRC-TAPE-RECORD-ID                    PIC X(02). 1
02 UIC-H10-VIOLATION-SEGMENT.           POSITION
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'.
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

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* 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            *
*
* 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 CCYYMM 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
- 7 - MAX PSIG > PERMITTED MAX PSIG + 100

II.69

- 8 - 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
COOKE	097
CORYELL	099
COTTLE	101
CRANE	103
CROCKETT	105

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

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

COUNTY NAME	COUNTY CODE
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
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

COUNTY NAME	COUNTY CODE
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
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