



RAILROAD COMMISSION OF TEXAS

OIL AND GAS WELL BORE SYSTEM

MAGNETIC TAPE USER'S GUIDE

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

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I. GENERAL INFORMATION

IDENTIFICATION

Developed For: Users of Oil and Gas Well Bore Information

By: Railroad Commission of Texas

System Name: Well Bore

Computer: IBM 2003-116

GENERAL DESCRIPTION

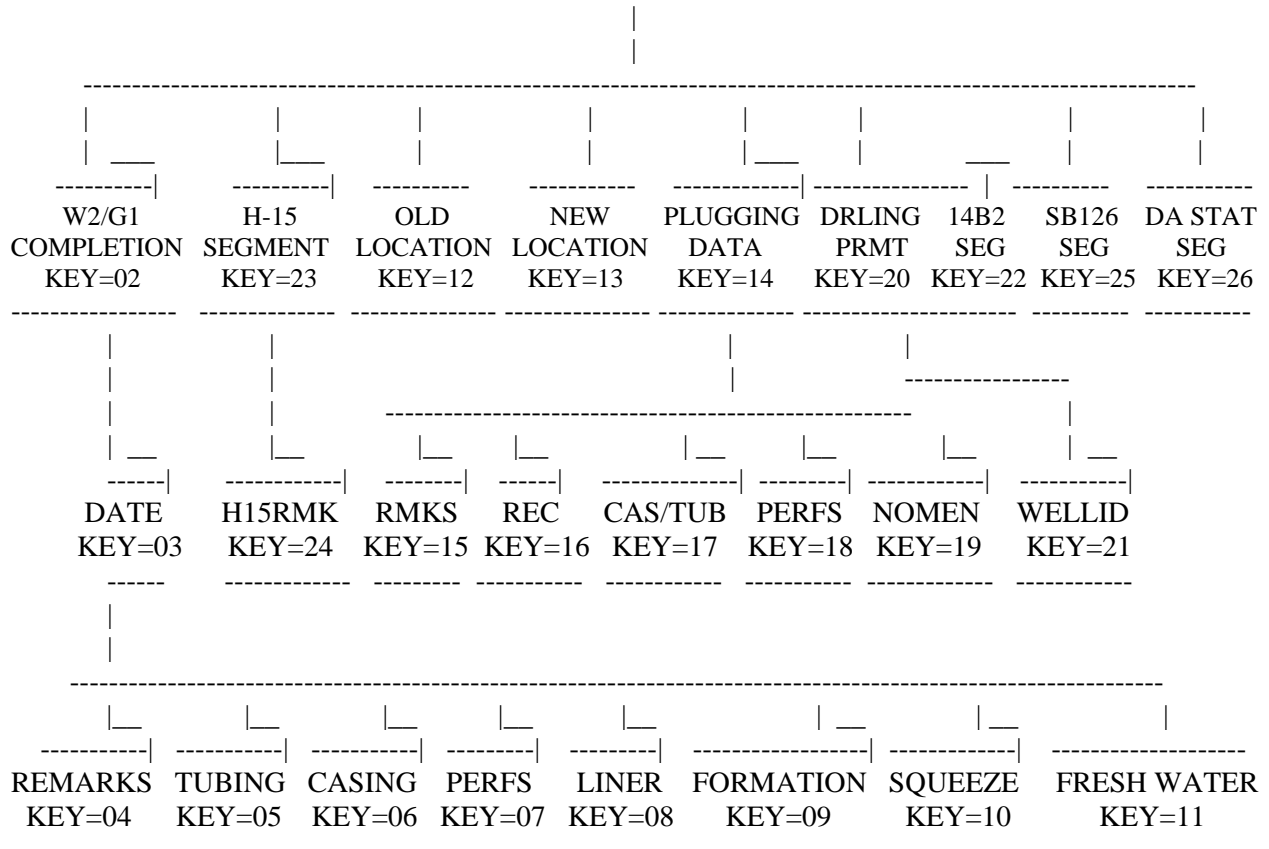
The Well Bore tape file is set up in a hierarchical structure with the Well Bore Root (API Number) being the root of the file (see page I.2). The Well Bore Root is a segment of the data base that contains API Numbers in numerical order. An API number is a unique number assigned to every well bore in the state. The key is the first two bytes of each record that identifies the segment (see page I.3). For each specific well bore (key=01) there may be information from each segment pertaining to that well bore (e.g. Completion, key=02; Date, key=03; etc.).

To proceed to the next well bore on the tape, look for the next key=01 record.

The symbol indicating a recurring segment(^) shown on page I.2, means, for example, there can be more than one completion, plug, drilling permit, etc., for one well bore.

WELL BORE DATA BASE FLOWCHART

 API
 WELL BORE ROOT
 KEY=01



PHYSICAL TAPE CHARACTERISTICS

1600 BPI, Channel Phase Encoded

IBM Standard Labels

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

Dataset Name: T.DBF900

Record Length: 247

Blocking Factor: 132

Blocksize: 32,604

The keys to the Well Bore Data Base segments can be found in the first two bytes of each record.
The key representation is as follows:

01 -----> Well Bore Technical Data Root Segment
02 -----> Well Bore Completion Information Segment
03 -----> Well Bore Technical Data Forms File Data
04 -----> Well Bore Remarks Segment
05 -----> Well Bore Tubing Segment
06 -----> Well Bore Casing Segment
07 -----> Well Bore Perf Segment
08 -----> Well Bore Liner Segment
09 -----> Well Bore Formation Data Segment
10 -----> Well Bore Squeeze Segment
11 -----> Well Bore Usable Quality Water Protection
12 -----> Well Bore Old Location Segment
13 -----> Well Bore New Location Segment
14 -----> Well Bore Plugging Data Segment
15 -----> Well Bore Plugging Remarks Segment
16 -----> Well Bore Plugging Record Segment
17 -----> Well Bore Plugging Data Casing-Tubing record
18 -----> Well Bore Plugging Perfs Segment
19 -----> Well Bore Plugging Data Nomenclature Segment
20 -----> Well Bore Drilling Permit Number
21 -----> Well Bore Well-ID Segment
22 -----> 14B2 Well Segment
23 -----> H-15 Report Segment
24 -----> H-15 Remark Segment
25 -----> Senate Bill 126 (2-Yr Inactive Program) Segment
26 -----> Well Bore - Drilling Permit Status Segment

II. FILE INFORMATION


```

*****
* WBW700A(2)                                WELL BORE                                *
*                                                                                       *
*                WELL BORE TECHNICAL DATA ROOT SEGMENT                            *
*                                                                                       *
* SEGMENT NAME: WBROOT                                                                *
* SEGMENT LENGTH: 165                                                                *
*                                                                                       *
* FUNCTION          | SOURCE                                | SSA NAME  | OPTION *
* -----          | ------                              | ------  | ------ *
* SEGMENT KEY      | WB-API-NUMBER                        | WBAPINUM  | UNIQUE *
* SECONDARY KEY    | WB-NEWEST-DRL-PMT-NBR| XNEWDRDL  |         *
* SEARCH FIELDS    | WB-RES-CNTY-CODE                  | WBRESCTY  |         *
* SEARCH FIELDS    | WB-NEWEST-DRL-PMT-NBR| WBNEWDRDL |         *
*                                                                                       *
*****
01 RAILROAD-COMMISSION-TAPE-REC.                                                    POS.
02 RRC-TAPE-RECORD-ID                                                                PIC X(02). 1
02 WELL-BORE-API-ROOT.
03 WB-API-NUMBER                            VALUE ZEROS.
05 WB-API-CNTY                              PIC 9(03). 3
05 WB-API-UNIQUE                            PIC 9(05). 6
03 WB-NXT-AVAIL-SUFFIX                      VALUE ZEROS PIC 9(02). 11
03 WB-NXT-AVAIL-HOLE-CHGE-NBR              VALUE ZEROS PIC 9(02). 13
03 WB-FIELD-DISTRICT                       VALUE ZEROS PIC 9(02). 15
03 WB-RES-CNTY-CODE                        VALUE ZEROS PIC 9(03). 17
03 WB-ORIG-COMPL-CC                        VALUE SPACE PIC X(01). 20
88 WB-ZEROS-FOR-DATE                       VALUE '0'.
88 WB-19TH-CENTURY                         VALUE '1'.
88 WB-20TH-CENTURY                         VALUE '2'.
88 WB-21ST-CENTURY                         VALUE '3'.
03 WB-ORIG-COMPL-DATE.
05 WB-ORIG-COMPL-CENT                      VALUE ZEROS PIC 9(02). 21
05 WB-ORIG-COMPL-YY                       VALUE ZEROS PIC 9(02). 23
05 WB-ORIG-COMPL-MM                       VALUE ZEROS PIC 9(02). 25
05 WB-ORIG-COMPL-DD                       VALUE ZEROS PIC 9(02). 27
03 WB-TOTAL-DEPTH                          VALUE ZEROS PIC 9(05). 29
03 WB-VALID-FLUID-LEVEL                    VALUE ZEROS PIC 9(05). 34
03 WB-CERTIFICATION-REVOKED-DATE.
05 WB-CERT-REVOKED-CC                     VALUE ZEROS PIC 9(02). 39
05 WB-CERT-REVOKED-YY                     VALUE ZEROS PIC 9(02). 41
05 WB-CERT-REVOKED-MM                     VALUE ZEROS PIC 9(02). 43
05 WB-CERT-REVOKED-DD                     VALUE ZEROS PIC 9(02). 45
03 WB-CERTIFICATION-DENIAL-DATE.
05 WB-CERTIFICATION-DENIAL-CC             VALUE ZEROS PIC 9(02). 47
05 WB-CERTIFICATION-DENIAL-YY             VALUE ZEROS PIC 9(02). 49
05 WB-CERTIFICATION-DENIAL-MM             VALUE ZEROS PIC 9(02). 51
05 WB-CERTIFICATION-DENIAL-DD             VALUE ZEROS PIC 9(02). 53
03 WB-DENIAL-REASON-FLAG                   VALUE SPACES PIC X(01). 55
88 WB-DENIED-AUTOMATICALLY                VALUE 'A'.

```

88	WB-DENIED-MANUALLY	VALUE 'M'.		
03	WB-ERROR-API-ASSIGN-CODE	VALUE SPACE	PIC X(01).	56
03	WB-REFER-CORRECT-API-NBR	VALUE ZEROS	PIC 9(08).	57
03	WB-DUMMY-API-NUMBER	VALUE ZEROS	PIC 9(08).	65
03	WB-DATE-DUMMY-REPLACED	VALUE ZEROS	PIC 9(08).	73
03	WB-NEWEST-DRL-PMT-NBR	VALUE ZEROS	PIC 9(06).	81
03	WB-CANCEL-EXPIRE-CODE	VALUE SPACE	PIC X(01).	87
03	FILLER	VALUE SPACE	PIC X(01).	88
03	WB-EXCEPT-13-A	VALUE 'N'	PIC X(01).	89
88	WB-EXCEPT-13A-FILED	VALUE 'Y'.		
88	WB-EXCEPT-13A-NOT-FILED	VALUE 'N'.		
03	WB-FRESH-WATER-FLAG	VALUE 'N'	PIC X(01).	90
88	WB-FRESH-WATER	VALUE 'Y'.		
03	WB-PLUG-FLAG	VALUE 'N'	PIC X(01).	91
88	WB-BORE-PLUGGED	VALUE 'Y'.		
03	WB-PREVIOUS-API-NBR	VALUE ZEROS	PIC 9(08).	92
03	WB-COMPLETION-DATA-IND	VALUE 'N'	PIC X(01).	100
88	WB-DATA-ON-FILE	VALUE 'Y'.		
88	WB-DATA-NOT-ON-FILE	VALUE 'N'.		
03	WB-HIST-DATE-SOURCE-FLAG	VALUE ZERO	PIC 9(01).	101
88	WB-DATE-FROM-P-I-TAPE	VALUE 1.		
88	WB-DATE-FROM-OTHER	VALUE 2.		
03	FILLER	VALUE SPACES	PIC X(01).	102
03	WB-EX14B2-COUNT	VALUE ZEROS	PIC 9(02).	103
03	WB-DESIGNATION-HB-1975-FLAG	VALUE ZEROS	PIC X(01).	105
88	WB-AUTO-DESIGNATED-HB-1975	VALUE 'A'.		
88	WB-MANUAL-DESIGNATED-HB-1975	VALUE 'M'.		
03	WB-DESIGNATION-EFFECTIVE-DATE.			
05	WB-DESIGNATION-EFFEC-CC	VALUE ZEROS	PIC 9(02).	106
05	WB-DESIGNATION-EFFEC-YY	VALUE ZEROS	PIC 9(02).	108
05	WB-DESIGNATION-EFFEC-MM	VALUE ZEROS	PIC 9(02).	110
03	WB-DESIGNATION-REVISED-DATE.			
05	WB-DESIGNATION-REVISED-CC	VALUE ZEROS	PIC 9(02).	112
05	WB-DESIGNATION-REVISED-YY	VALUE ZEROS	PIC 9(02).	114
05	WB-DESIGNATION-REVISED-MM	VALUE ZEROS	PIC 9(02).	116
03	WB-DESIGNATION-LETTER-DATE.			
05	WB-DESIGNATION-LETTER-CC	VALUE ZEROS	PIC 9(02).	118
05	WB-DESIGNATION-LETTER-YY	VALUE ZEROS	PIC 9(02).	120
05	WB-DESIGNATION-LETTER-MM	VALUE ZEROS	PIC 9(02).	122
05	WB-DESIGNATION-LETTER-DD	VALUE ZEROS	PIC 9(02).	124
03	WB-CERTIFICATION-EFFECT-DATE.			
05	WB-CERTIFICATION-EFFEC-CC	VALUE ZEROS	PIC 9(02).	126
05	WB-CERTIFICATION-EFFEC-YY	VALUE ZEROS	PIC 9(02).	128
05	WB-CERTIFICATION-EFFEC-MM	VALUE ZEROS	PIC 9(02).	130
03	WB-WATER-LAND-CODE	VALUE SPACES	PIC X(01).	132
88	WB-INLAND-WATERWAY	VALUE 'I'.		
88	WB-BAY-ESTUARY	VALUE 'B'.		
88	WB-OFFSHORE	VALUE 'O'.		
88	WB-LAND	VALUE 'L'.		
03	WB-TOTAL-BONDED-DEPTH	VALUE ZEROS	PIC 9(06).	133

03	WB-OVERRIDE-EST-PLUG-COST	VALUE ZEROS	PIC 9(07).	139
03	WB-SHUT-IN-DATE	VALUE ZEROS	PIC 9(06).	146
03	FILLER REDEFINES WB-SHUT-IN-DATE.			
05	WB-SHUT-IN-YEAR		PIC 9(04).	
05	WB-SHUT-IN-MONTH		PIC 9(02).	
03	WB-OVERRIDE-BONDED-DEPTH	VALUE ZEROS	PIC 9(06).	152
03	WB-SUBJ-TO-14B2-FLAG	VALUE ZEROS	PIC X(01).	158
88	WB-SUBJ-TO-14B2	VALUE 'Y'.		
03	WB-PEND-REMOVAL-14B2-FLAG	VALUE ZEROS	PIC X(01).	159
88	WB-PEND-REMOVAL-14B2	VALUE 'Y'.		
03	WB-ORPHAN-WELL-HOLD-FLAG	VALUE ZEROS	PIC X(01).	160
88	WB-ORPHAN-WELL-HOLD	VALUE 'Y'.		
03	WB-W3X-WELL-FLAG	VALUE ZEROS	PIC X(01).	160
88	WB-W3X-WELL	VALUE 'Y'.		
03	FILLER	VALUE ZEROS	PIC X(06).	161
02	RRC-TAPE-FILLER		PIC X(0080).	168

 * WELL BORE *
 * WELL BORE TECHNICAL DATA ROOT SEGMENT *

WELL-BORE-API-ROOT.

WB-API-NUMBER

WB-API-CNTY

INDICATES COUNTY IN WHICH BORE IS LOCATED. FOR OFF-SHORE WELLS

 RRC-TAPE-RECORD-ID

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

RRC ID

Value Tape Record Description

01 Wellbore Root Segment

COUNTY CODE WILL REFLECT NEAREST ON-SHORE COUNTY.

WB-API-UNIQUE

NUMBER ASSIGNED TO WELL BORE WHICH, IN COMBINATION WITH COUNTY CODE, IS UNIQUE TO THE BORE.

WB-NXT-AVAIL-SUFFIX

TWO DIGIT NUMBER, WHEN ADDED TO THE API NUMBER IDENTIFIES SIDETRACK WELLS. CURRENTLY NOT IN USE.

WB-NXT-AVAIL-HOLE-CHGE-NBR

CURRENTLY NOT IN USE.

WB-FIELD-DISTRICT

DISTRICT IN WHICH FIELD IS LOCATED.

WB-RES-CNTY-CODE

IF THE WB-API-CNTY IS AN OFFSHORE COUNTY, THE ASSOCIATED ONSHORE COUNTY CODE IS STORED IN THIS DATA FIELD.

WB-ORIG-COMPL-CC

CENTURY CODE FOR THE FOLLOWING ITEM, WB-ORIG-COMPL-DATE.

WB-ZEROS-FOR-DATE VALUE '0'.

WB-19TH-CENTURY VALUE '1'.

WB-20TH-CENTURY VALUE '2'.

WB-21ST-CENTURY VALUE '3'.

WB-ORIG-COMPL-DATE

DATE REPORTED ON W-2 OR G-1 WHEN WELL WAS ORIGINALLY

COMPLETED. FORMAT: CCYYMMDD

WB-TOTAL-DEPTH

MAXIMUM DEPTH OF WELL BORE.

WB-VALID-FLUID-LEVEL

IN H-15 TESTING, A VALID DISTANCE IN FEET DETERMINED BY THE COMMISSION BETWEEN THE BOTTOM OF USABLE WATER IN THE AREA AND TOP OF FLUID IN WELLBORE IF THAT DISTANCE IS DIFFERENT THAN THE STANDARD 250'.

WB-CERTIFICATION-REVOKED-DATE

DATE THE HOUSE BILL 1975 CERTIFICATION WAS REVOKED. FORMAT: CCYYMMDD

WB-CERTIFICATION-DENIAL-DATE

DATE THE HOUSE BILL 1975 CERTIFICATION WAS DENIED. FORMAT: CCYYMMDD

WB-DENIAL-REASON-FLAG

THIS FLAG WILL BE SET TO 'A' IF IT WAS AUTOMATICALLY DENIED CERTIFICATION FOR HOUSE BILL 1975. THIS FLAG WILL BE SET TO 'M' IF IT WAS MANUALLY (ONLINE) DENIED CERTIFICATION FOR HOUSE BILL 1975. THIS FLAG WILL BE SET TO ZERO OR SPACE IF IT HAS NOT BEEN DENIED CERTIFICATION FOR HOUSE BILL 1975.

WB-DENIED-AUTOMATICALLY VALUE 'A'.

WB-DENIED-MANUALLY VALUE 'M'.

WB-ERROR-API-ASSIGN-CODE

INDICATES THAT API PREVIOUSLY ASSIGNED HAS CHANGED.

WB-REFER-CORRECT-API-NBR

INDICATES MOST RECENT RESOLUTION OF API OR CORRECT ASSIGNMENT.

WB-DUMMY-API-NUMBER

80,000-RANGE NUMBERS ASSIGNED TO BORES WITHOUT API NUMBERS AS OF DECEMBER 1983 AND TO BORES WHICH ARE IDENTIFIED LATER AS HAVING BEEN DRILLED BEFORE 1966 AND HAVING NO API.

WB-DATE-DUMMY-REPLACED

DATE THAT API IS REPLACED BY ANOTHER API NUMBER. NOT IN USE AS OF JANUARY, 1984. FORMAT: CCYYMMDD

WB-NEWEST-DRL-PMT-NBR

INDICATES DATE OF PERMIT TO DRILL ISSUED MOST RECENTLY IN A PARTICULAR BORE.

WB-CANCEL-EXPIRE-CODE

INDICATES WHETHER NEWEST DRILLING PERMIT WAS CANCELLED OR EXPIRED, AS OPPOSED TO HAVING BEEN USED.

WB-EXCEPT-13-A

INDICATES WHETHER OR NOT OPERATOR WAS GRANTED AN EXCEPTION TO
SWR 13A.

WB-EXCEPT-13A-FILED VALUE 'Y'.
WB-EXCEPT-13A-NOT-FILED VALUE 'N'.

WB-PLUG-FLAG

INDICATES WHETHER OR NOT WELL BORE HAS BEEN PLUGGED.

WB-BORE-PLUGGED VALUE 'Y'.

WB-FRESH-WATER-FLAG

INDICATES WHETHER OR NOT WELL HAS BEEN CONVERTED TO
A FRESH WATER WELL.

WB-FRESH-WATER VALUE 'Y'.

WB-PREVIOUS-API-NBR

INDICATES THE API NUMBER PREVIOUSLY ASSIGNED TO THE BORE, WHICH
WAS LATER FOUND TO BE AN INCORRECT ASSIGNMENT.

WB-COMPLETION-DATA-IND

INDICATES WHETHER OR NOT WELL BORE COMPLETION INFORMATION IS ON
FILE FOR A PARTICULAR WELL.

WB-DATA-ON-FILE VALUE 'Y'.
WB-DATA-NOT-ON-FILE VALUE 'N'.

WB-HIST-DATE-SOURCE-FLAG

INDICATES WHERE ORIGINAL WELL BORE COMPLETION DATE CAME FROM A
NON-RRC SOURCE.

WB-EX14B2-COUNT

NUMBER OF W-1X 14B2 EXTENSIONS GRANTED FOR THE WELLBORE.

WB-CERTIFIED-FOR-HB-1975-FLAG

'A' - THE WELLBORE WAS AUTOMATICALLY CERTIFIED FOR HOUSE BILL
1975 BY THE MONTHLY COMPUTER RUN

'M' - THE WELLBORE WAS MANUALLY CERTIFIED FOR HOUSE BILL 1975 BY
THE OPERATOR FILING AN ST2 FORM

ZEROS OR SPACES - THE WELLBORE IS NOT CERTIFIED FOR HOUSE BILL
1975.

WB-DESIGNATION-EFFECTIVE-DATE

THIS DATA ITEM IS A SIX CHARACTER DATE REPRESENTING THE FIRST
DATE THE WELL BECOMES ELIGIBLE FOR CERTIFICATION FOR TAX
EXEMPTION. FORMAT: CCYYMM

WB-DESIGNATION-REVISED-DATE

THIS IS A MANUAL MODIFICATION FOR THE AUTOMATICALLY GENERATED
WB-DESIGNATION-EFFECTIVE-DATE. FORMAT: CCYYMM

WB-DESIGNATION-LETTER-DATE

THIS IS THE DATE THAT A LETTER WAS SENT TO NOTIFY THE OPERATOR THAT THIS WELLBORE IS A CANDIDATE FOR HOUSE BILL 1975 CERTIFICATION. FORMAT: CCYYMMDD

WB-CERTIFICATION-EFFECT-DATE

THIS DATA ITEM IS THE DATE THE WELLBORE WAS CERTIFIED TO RECEIVE A TAX CREDIT FOR HOUSE BILL 1975. FORMAT: CCYYMM

WB-WATER-LAND-CODE

THIS DATA ITEM HOLDS A 1 BYTE CODE DETAILING THE WATER OR LAND LOCATION OF THE WELLBORE. OFFSHORE - 'O'
BAY/ESTUARY - 'B'
INLAND WATERWAY - 'I'
LAND - 'L'

WB-OVERRIDE-EST-PLUG-COST

THIS DATA ITEM HOLDS THE AMOUNT THAT IS REQUIRED TO PLUG A WELLBORE. THIS AMOUNT TAKES PRECEDENCE OVER ANY OF THE COMPUTED DEPTH AMOUNTS. THIS DATA IS USED IN THE 14B2 SYSTEM AS THE AMOUNT REQUIRED FOR AN INDIVIDUAL WELL BOND WHEN A WELL HAS BEEN INACTIVE FOR MORE THAN 36 MONTHS.

WB-SHUT-IN-DATE

THIS DATA ITEM REFLECTS THE DATE THAT ALL WELLS IN A WELLBORE HAVE BEEN INACTIVE.

WB-OVERRIDE-BONDED-DEPTH

THIS DATA ITEM IS USED TO COMPUTE THE REQUIRED BOND AMOUNT FOR PLUGGING THE WELLBORE. THIS DATA ITEM WHEN PRESENT IS USED INSTEAD OF THE TOTAL DEPTH OR TOTAL BONDED DEPTH.

WB-SUBJ-TO-14B2-FLAG

THIS DATA ITEM IS SET WHEN ALL THE WELLS IN THE WELLBORE HAVE BEEN SHUT-IN FOR ONE YEAR AND ONE WELL IS SUBJECT TO RULE 14B2.

WB-PENDING-REMOVAL-FLAG

THIS DATA ITEM IS USED FOR WELLBORES SUBJECT TO 14B2 THAT ARE BECOMING ACTIVE BY PRODUCING FOR THREE CONSECUTIVE MONTHS.

```

*****
*                                     *
*                   WELL BORE         *
*                   COMPLETION INFORMATION SEGMENT *
*                   169 BYTES         *
*                   SEGMENT NAME: WBCOMPL          (RECURRING) *
*                                     *
*                   FUNCTION           | SOURCE           | SSA NAME | OPTION *
*                   -----|-----|-----|----- *
*                   SEGMENT KEY       | WB-OIL-KEY (WB-GAS-KEY) | WBCPLKEY | UNIQUE *
*                   SECONDARY KEY     | WB-OIL-KEY (WB-GAS-KEY) | XCPLKEY  | *
*                   SEARCH KEY        | WB-OIL-KEY (WB-GAS-KEY) | WBCPLKEY | *
*                   SEARCH FIELDS     | WB-RULE-37-NBR         | WBRULE37 | *
*****
01 RAILROAD-COMMISSION-TAPE-REC. POS.
02 RRC-TAPE-RECORD-ID PIC X(02). 1
02 WELL-BORE-COMPLETION-SEG.
03 WB-OIL-KEY.
05 WB-OIL-CODE PIC X(01). 3
05 WB-OIL-DIST PIC 9(02). 4
05 WB-OIL-LSE-NBR PIC 9(05). 6
05 WB-OIL-WELL-NBR PIC X(06). 11
03 WB-GAS-KEY REDEFINES WB-OIL-KEY.
05 WB-GAS-CODE PIC X(01).
05 WB-GAS-RRC-ID PIC 9(06).
05 WB-GAS-FILLER PIC X(07).
03 WB-GAS-DIST VALUE ZEROS PIC 9(02). 17
03 WB-GAS-WELL-NO VALUE SPACES PIC X(06). 19
03 WB-MULTI-WELL-REC-NBR VALUE SPACE PIC X(01). 25
03 WB-API-SUFFIX VALUE ZEROS PIC 9(02). 26
03 FILLER VALUE ZEROS PIC X(18). 28
03 WB-ACTIVE-INACTIVE-CODE VALUE SPACE PIC X(01). 46
03 FILLER VALUE SPACES PIC X(40). 47
03 WB-DWN-HOLE-COMMINGLE-CODE VALUE SPACE PIC X(01). 87
03 FILLER VALUE ZEROS PIC X(34). 88
03 WB-CREATED-FROM-PI-FLAG VALUE SPACE PIC X(01). 122
88 WB-CREATED-FROM-PI VALUE 'Y'.
88 WB-NOT-CREATED-FROM-PI VALUE 'N'.
03 WB-RULE-37-NBR VALUE ZEROS PIC 9(07). 123
03 FILLER VALUE SPACES PIC X(05). 130
03 FILLER VALUE ZEROS PIC X(05). 135
03 FILLER VALUE SPACES PIC X(10). 140
03 FILLER VALUE ZEROS PIC X(04). 150
03 FILLER VALUE SPACES PIC X(02). 154
03 WB-P-15 VALUE 'N' PIC X(01). 156
88 WB-P-15-FILED VALUE 'Y'.
88 WB-P-15-NOT-FILED VALUE 'N'.
03 WB-P-12 VALUE 'N' PIC X(01). 157
88 WB-P-12-FILED VALUE 'Y'.
88 WB-P-12-NOT-FILED VALUE 'N'.

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*==> 9(6) TO 9(8).

03 WB-PLUG-DATE-POINTER	VALUE ZEROS	PIC 9(08).	158
== X(8) TO X(6).			
03 FILLER	VALUE SPACES	PIC X(06).	166
== EXPANDED ZERO BYTES.			
02 RRC-TAPE-FILLER		PIC X(0076).	172

 * WELL BORE *
 * COMPLETION INFORMATION SEGMENT *

WELL-BORE-COMPLETION-SEG.

WB-OIL-KEY.

WB-OIL-CODE

INDICATES THAT WELL IS CARRIED ON OIL SCHEDULE.

RRC-TAPE-RECORD-ID

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

RRC ID

Value Tape Record Description

02 Well Bore Completion Information

WB-OIL-DIST

DISTRICT IN WHICH OIL WELL IS LOCATED.

WB-OIL-LSE-NBR

LEASE NUMBER OF COMPLETED OIL WELL.

WB-OIL-WELL-NBR

WELL NUMBER OF COMPLETED OIL WELL.

WB-GAS-KEY REDEFINES WB-OIL-KEY.

WB-GAS-CODE

INDICATES THAT WELL IS CARRIED ON GAS SCHEDULE.

WB-GAS-RRC-ID

UNIQUE GAS WELL ID NUMBER.

WB-GAS-FILLER

WB-GAS-DIST

DISTRICT IN WHICH GAS WELL IS LOCATED.

WB-GAS-WELL-NO

WELL NUMBER OF COMPLETED GAS WELL.

WB-MULTI-WELL-REC-NBR

INDICATES THE UNIT OR GROUP OF WELLS WITHIN THE LEASE THAT THE COMPLETED OIL WELL IS IN.

WB-API-SUFFIX

NOT IN USE AS OF MARCH, 1992.

WB-ACTIVE-INACTIVE-CODE

INDICATES WHETHER WELL IS ON OR OFF SCHEDULE. NOT IN USE AS OF

DECEMBER, 1983.

WB-DWN-HOLE-COMMINGLE-CODE

INDICATES WHETHER WELL IS DOWNHOLE COMMINGLED. NOT IN USE AS OF DECEMBER, 1983.

WB-CREATED-FROM-PI-FLAG

INDICATES WHETHER PI FILES ARE THE SOLE SOURCE OF INFORMATION ON A WELL BEING ADDED TO THE WELL BORE FILES. SHOWN ON SUSPENSE CARDS CREATED FOR CENTRAL RECORDS.

WB-CREATED-FROM-PI VALUE 'Y'.

WB-NOT-CREATED-FROM-PI VALUE 'N'.

WB-RULE-37-NBR

DOCKET NUMBER ASSIGNED TO WELL COMPLETED UNDER RULE 37 EXCEPTION.

WB-P-15

INDICATES WHETHER OR NOT STATEMENT OF PRODUCTIVITY OF ACREAGE WAS FILED.

WB-P-15-FILED VALUE 'Y'.

WB-P-15-NOT-FILED VALUE 'N'.

WB-P-12 VALUE 'N'

INDICATES WHETHER OR NOT CERTIFICATE OF POOLING AUTHORITY WAS FILED.

WB-P-12-FILED VALUE 'Y'.

WB-P-12-NOT-FILED VALUE 'N'.

WB-PLUG-DATE-POINTER

INDICATES DATE THAT PLUGGING REPORT WAS FILED ON COMPLETED WELL.
FORMAT: CCYYMMDD

```

*****
*
*                               WELL BORE                               *
*
*                               WELL BORE TECHNICAL DATA FORMS FILE DATE *
*
* SEGMENT NAME: WBDATE                               (115 BYTES)          *
*
* FUNCTION          | SOURCE          | SSA NAME | OPTION *
* -----          | -----          | ----- | ----- *
* SEGMENT KEY      | WB-FILE-KEY     | WBFILKEY | UNIQUE *
*
*****

```

01 RAILROAD-COMMISSION-TAPE-REC.			POS.
02 RRC-TAPE-RECORD-ID	PIC X(02).		1
02 WELL-BORE-FILE-DATE.			
03 WB-FILE-KEY	PIC 9(08)	VALUE ZEROS.	3
03 WB-FILE-DATE	PIC 9(08)	VALUE ZEROS.	11
03 FILLER	PIC X(08)	VALUE SPACES.	19
03 WB-EXCEPT-RULE-11	PIC X(01)	VALUE 'N'.	27
88 WB-EXCEPT-11-FILED		VALUE 'Y'.	
88 WB-EXCEPT-11-NOT-FILED		VALUE 'N'.	
03 WB-CEMENT-AFFIDAVIT	PIC X(01)	VALUE 'N'.	28
88 WB-CMT-AFF-NOT-FILED		VALUE 'N'.	
88 WB-CMT-AFF-FILED		VALUE 'Y'.	
88 WB-CMT-AFF-NOT-FOUND		VALUE 'B'.	
88 WB-CMT-AFF-AVAIL		VALUE 'A'.	
88 WB-CMT-AFF-NOT-REQ		VALUE 'R'.	
03 WB-G-5	PIC X(01)	VALUE 'N'.	29
88 WB-G-5-FILED		VALUE 'Y'.	
88 WB-G-5-NOT-FILED		VALUE 'N'.	
03 WB-W-12	PIC X(01)	VALUE 'N'.	30
88 WB-W-12-FILED		VALUE 'Y'.	
88 WB-W-12-NOT-FILED		VALUE 'N'.	
03 WB-DIR-SURVEY	PIC X(01)	VALUE 'N'.	31
88 WB-DIR-SURVEY-FILED		VALUE 'Y'.	
88 WB-DIR-SURVEY-NOT-FILED		VALUE 'N'.	
03 WB-W2-G1-DATE	PIC 9(08)	VALUE ZEROS.	32
03 WB-COMPL-DATE.			
05 WB-COMPL-CENTURY	PIC 9(02)	VALUE ZEROS.	40
05 WB-COMPL-YEAR	PIC 9(02)	VALUE ZEROS.	42
05 WB-COMPL-MONTH	PIC 9(02)	VALUE ZEROS.	44
05 WB-COMPL-DAY	PIC 9(02)	VALUE ZEROS.	46
03 WB-DRL-COMPL-DATE	PIC 9(08)	VALUE ZEROS.	48
03 WB-PLUGB-DEPTH1	PIC 9(05)	VALUE ZEROS.	56
03 WB-PLUGB-DEPTH2	PIC 9(05)	VALUE ZEROS.	61
03 WB-WATER-INJECTION-NBR	PIC X(06)	VALUE SPACES.	66
03 WB-SALT-WTR-NBR	PIC 9(05)	VALUE ZEROS.	72
03 FILLER	PIC X(08)	VALUE SPACES.	77
03 WB-REMARKS-IND	PIC X(01)	VALUE 'N'.	85
88 WB-REMARKS-ON-FILE		VALUE 'Y'.	

88	WB-REMARKS-DATA-NOT-ON-FILE		VALUE 'N'.	
03	WB-ELEVATION	PIC 9(04)	VALUE ZEROS.	86
03	WB-ELEVATION-CODE	PIC X(02)	VALUE SPACES.	90
88	WB-GROUND-LEVEL		VALUE 'GL'.	
88	WB-DERRICK-FLOOR		VALUE 'DF'.	
88	WB-KELLY-BUSHING		VALUE 'KB'.	
88	WB-ROTARY-TABLE		VALUE 'RT'.	
88	WB-GROUND		VALUE 'GR'.	
03	WB-LOG-FILE-RBA	PIC 9(08)	VALUE ZEROS.	92
03	WB-DOCKET-NBR	PIC X(10)	VALUE SPACES.	100
03	FILLER	PIC X(08)	VALUE SPACES.	110
02	RRC-TAPE-FILLER	PIC X(0130).		118

 * WELL BORE *
 * WELL BORE TECHNICAL DATA FORMS FILE DATE *

WELL-BORE-FILE-DATE.

WB-FILE-KEY

DERIVED BY SUBTRACTING FILE DATE (IN CCYYMMDD FORMAT) FROM 99999999.

 RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
03	Well Bore Technical Data Forms File

WB-FILE-DATE

DATE THE COMPLETION IS BUILT. FORMAT: CCYYMMDD

WB-EXCEPT-RULE-11

INDICATES WHETHER OR NOT OPERATOR WAS GRANTED AN EXCEPTION TO SWR 11.

WB-EXCEPT-11-FILED	VALUE 'Y'.
WB-EXCEPT-11-NOT-FILED	VALUE 'N'.

WB-CEMENT-AFFIDAVIT

VALUE 'N'

INDICATES WHETHER OR NOT A CEMENTING REPORT (FORM W-15) WAS FILED.

WB-CMT-AFF-NOT-FILED	VALUE 'N'.
WB-CMT-AFF-FILED	VALUE 'Y'.
WB-CMT-AFF-NOT-FOUND	VALUE 'B'.
WB-CMT-AFF-AVAIL	VALUE 'A'.
WB-CMT-AFF-NOT-REQ	VALUE 'R'.

WB-G-5

VALUE 'N'

INDICATES WHETHER OR NOT GAS WELL CLASSIFICATION REPORT WAS FILED.

WB-G-5-FILED	VALUE 'Y'.
WB-G-5-NOT-FILED	VALUE 'N'.

WB-W-12

VALUE 'N'

INDICATES WHETHER OR NOT INCLINATION REPORT WAS FILED.

WB-W-12-FILED	VALUE 'Y'.
WB-W-12-NOT-FILED	VALUE 'N'.

WB-DIR-SURVEY

VALUE 'N'

INDICATES WHETHER OR NOT A DIRECTIONAL SURVEY HAS BEEN FILED.

WB-DIR-SURVEY-FILED	VALUE 'Y'.
WB-DIR-SURVEY-NOT-FILED	VALUE 'N'.

WB-W2-G1-DATE

DATE FORM WAS RECEIVED BY DISTRICT OFFICE. FORMAT: CCYYMMDD

WB-COMPL-DATE.

DATE IN SHICH THE WELL WAS COMPLETED. FORMAT: CCYYMMDD

WB-DRL-COMPL-DATE

DATE THAT DRILLING WAS COMPLETED. FORMAT: CCYYMMDD

WB-PLUGB-DEPTH1

DEPTH TO WHICH WELL BORE WAS PLUGGED BACK.

WB-PLUGB-DEPTH2

DEPTH TO WHICH WELL BORE WAS PLUGGED BACK.

WB-WATER-INJECTION-NBR

PERMIT NUMBER ISSUED BY UIC TO WATER INJECTION WELL.

WB-SALT-WTR-NBR

PERMIT NUMBER ISSUED BY UIC TO SALT WATER DISPOSAL WELL.

WB-DOCKET-NBR

ANY DOCKET NUMBER ASSIGNED TO WELL REQUIRING A HEARING.

WB-REMARKS-IND

INDICATES WHETHER OR NOT THERE ARE REMARKS ON FILE FOR A PARTICULAR WELL.

WB-REMARKS-ON-FILE VALUE 'Y'.

WB-REMARKS-DATA-NOT-ON-FILE VALUE 'N'.

WB-ELEVATION

MEASUREMENT OF FEET ABOVE MEAN SEA LEVEL OF WELL.

WB-ELEVATION-CODE

POINT FROM WHICH ELEVATION READING WAS MEASURED.

WB-GROUND-LEVEL VALUE 'GL'.

WB-DERRICK-FLOOR VALUE 'DF'.

WB-KELLY-BUSHING VALUE 'KB'.

WB-ROTARY-TABLE VALUE 'RT'.

WB-GROUND VALUE 'GR'.

WB-LOG-FILE-RBA

POINTS TO WELL BORE LOG RECORD IN A FILE SEPARATE FROM THE DATABASE.

```

*****
*                               WELL BORE                               *
*                               REMARKS SEGMENT                         *
*                               *                                       *
* SEGMENT NAME: WBRMKS          (RECURRING)                          *
*                               *                                       *
* FUNCTION          | SOURCE          | SSA NAME |          *
* -----          |-----          |-----  |          *
* SEARCH FIELD     | WB-RMK-LNE-CNT   | WBREMKEY|          *
*                               *                                       *
*****

```

```

01 RAILROAD-COMMISSION-TAPE-REC.                                     POS.
02 RRC-TAPE-RECORD-ID                                           PIC X(02).    1
02 WELL-BORE-COMPL-RMKS-SEG.
03 WB-RMK-LNE-CNT          VALUE ZEROS          PIC 9(03).    3
03 WB-RMK-TYPE-CODE       VALUE SPACE          PIC X(01).    6
03 WB-REMARKS             VALUE SPACES         PIC X(70).    7
02 RRC-TAPE-FILLER        PIC X(0171).         77

```

```

*****
*                               WELL BORE                               *
*                               REMARKS SEGMENT                         *
*                               *                                       *
*****

```

WELL-BORE-COMPL-RMKS-SEG.

WB-RMK-LNE-CNT

UNIQUE NUMBER WHICH CORRESPONDS TO EACH LINE (I.E. SEGMENT) OF
REMARKS UNDER A DATE SEGMENT.

RRC-TAPE-RECORD-ID

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

RRC ID

Value Tape Record Description
04 Well Bore Remarks

WB-RMK-TYPE-CODE

NOT IN USE AS OF DECEMBER, 1983.

WB-REMARKS

ADDITIONAL COMPLETION DATA WHICH MAY BE EITHER FREE- FORM OR
FORMATTED.


```

*****
*                                     *
*                   WELL BORE         *
*                   COMPLETION TUBING SEGMENT *
*                                     *
*   SEGMENT NAME: WBTUBE             (RECURRING) *
*                                     *
*   FUNCTION                | SOURCE                | SSA NAME| *
*   -----                |-----|          |-----| *
*   SEARCH FIELD            | WB-SEGMENT-COUNTER |WBSEGCNT | *
*                                     *
*****
01 RAILROAD-COMMISSION-TAPE-REC.          POS.
02 RRC-TAPE-RECORD-ID                    PIC X(02). 1
02 WELL-BORE-TUBING-SEG.
03 WB-SEGMENT-COUNTER                    VALUE ZEROS PIC 9(03). 3
03 WB-TUBING-SIZE.
05 WB-TUBING-INCHES                      VALUE ZEROS PIC 9(02). 6
05 WB-TUBING-FRACTION.
10 WB-FR-NUMERATOR                       VALUE ZEROS PIC 9(02). 8
10 WB-FR-DENOMINATOR                     VALUE ZEROS PIC 9(02). 10
03 WB-DEPTH-SET                          VALUE ZEROS PIC 9(05). 12
03 WB-PACKER-SET                         VALUE ZEROS PIC 9(05). 17
03 FILLER                                VALUE ZEROS PIC 9(10). 22
03 FILLER                                VALUE ZEROS PIC X(16). 32
02 RRC-TAPE-FILLER                       PIC X(0200). 48

```

```

*****
*                               WELL BORE                               *
*                               COMPLETION TUBING SEGMENT              *
*****

```

WELL-BORE-TUBING-SEG.

WB-SEGMENT-COUNTER

UNIQUE NUMBER WHICH CORRESPONDS TO EACH LINE (I.E. SEGMENT) OF TUBING DATA HANGING UNDER DATE SEGMENT.

RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
05	Well Bore Tubing

WB-TUBING-SIZE.

WB-TUBING-INCHES

SIZE OF TUBING IN INCHES.

WB-TUBING-FRACTION.

WB-FR-NUMERATOR

SIZE OF TUBING IN FRACTION OF INCHES (NUMERATOR).

WB-FR-DENOMINATOR

SIZE OF TUBING IN FRACTION OF INCHES (DENOMINATOR).

WB-DEPTH-SET

DEPTH AT WHICH TUBING IS SET.

WB-PACKER-SET

DEPTH AT WHICH THE SEALING DEVICE, USED TO BLOCK FLOW OF FLUIDS THROUGH ANNULAR SPACE BETWEEN TUBING AND WALL OF WELLBORE, IS SET.

```

*****
*                                     *
*                   WELL BORE         *
*                   CASING SEGMENT    *
*                                     *
*   SEGMENT NAME: WBCASE             (RECURRING) *
*                                     *
*   FUNCTION           | SOURCE           | SSA NAME| *
*   -----           |-----|         |-----| *
*   SEARCH FIELD      | WB-CASING-COUNT  |WBCASKEY | *
*                                     *
*****
01 RAILROAD-COMMISSION-TAPE-REC.      POS.
02 RRC-TAPE-RECORD-ID                PIC X(02).  1
02 WELL-BORE-CASING-SEG.
03 WB-CASING-COUNT                    VALUE ZEROS  PIC 9(03).  3
03 WB-CASING-SIZE-DATA.
05 WB-CAS-INCH                        VALUE ZEROS  PIC 9(02).  6
05 WB-CAS-FRACTION.
10 WB-CAS-FRAC-NUM                    VALUE ZEROS  PIC 9(02).  8
10 WB-CAS-FRAC-DENOM                  VALUE ZEROS  PIC 9(02).  10
03 WB-CAS-WT-TABLE                    VALUE ZEROS  PIC 9(08).  12
03 WB-CASING-WEIGHT-LBS-FT REDEFINES WB-CAS-WT-TABLE
    OCCURS 2 TIMES.
05 WB-WGT-WHOLE                        PIC 9(03).
05 WB-WGT-TENTHS                       PIC 9(01).
03 WB-CASING-DEPTH-SET                 VALUE ZEROS  PIC 9(05).  20
03 WB-MLTI-STG-TOOL-DPTH              VALUE ZEROS  PIC 9(05).  25
03 WB-AMOUNT-OF-CEMENT                 VALUE ZEROS  PIC 9(05).  30
03 WB-CEMENT-MEASUREMENT               VALUE 'S'    PIC X(01).  35
88 WB-SACKS                            VALUE 'S'.
88 WB-CUBIC-YARDS                      VALUE 'Y'.
88 WB-CUBIC-FEET                       VALUE 'F'.
03 WB-CASING-HOLE-SIZE.
05 WB-HOLE-INCH                       VALUE ZEROS  PIC 9(02).  36
05 WB-HOLE-FRACTION.
10 WB-HOLE-FRAC-NUM                    VALUE ZEROS  PIC 9(02).  38
10 WB-HOLE-FRAC-DENOM                  VALUE ZEROS  PIC 9(02).  40
03 FILLER                              VALUE SPACE  PIC X(01).  42
03 WB-TOP-OF-CEMENT-CASING            VALUE SPACES PIC X(07).  43
03 WB-AMOUNT-CASING-LEFT              VALUE ZEROS  PIC 9(05).  50
03 FILLER                              VALUE ZEROS  PIC X(50).  55
02 RRC-TAPE-FILLER                    PIC X(0143). 105

```

```

*****
*                               WELL BORE                               *
*                               CASING SEGMENT                          *
*****

```

WELL-BORE-CASING-SEG.

WB-CASING-COUNT

UNIQUE NUMBER WHICH CORRESPONDS TO EACH LINE (I.E. SEGMENT) OF CASING UNDER A DATE SEGMENT.

RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
06	Well Bore Casing

WB-CASING-SIZE-DATA.

WB-CAS-INCH

INDICATES SIZE OF CASING IN INCHES.

WB-CAS-FRACTION.

WB-CAS-FRAC-NUM

INDICATES SIZE OF CASING IN FRACTION OF INCHES (NUMERATOR).

WB-CAS-FRAC-DENOM

INDICATES SIZE OF CASING IN FRACTION OF INCHES (DENOMINATOR).

WB-CAS-WT-TABLE

WB-CASING-WEIGHT-LBS-FT REDEFINES WB-CAS-WT-TABLE

OCCURS 2 TIMES.

WB-WGT-WHOLE

INDICATES WEIGHT OF CASING IN POUNDS PER FEET.

WB-WGT-TENTHS

INDICATES WEIGHT OF CASING IN TENTHS OF A POUND PER FEET

WB-CASING-DEPTH-SET

INDICATES DEPTH AT WHICH CASING IS SET.

WB-MLTI-STG-TOOL-DPTH

DEPTH AT WHICH THE DEVICE USED TO RE-CIRCULATE CEMENT OUTSIDE OF CASING IS SET.

WB-AMOUNT-OF-CEMENT

INDICATES THE QUANTITY OF CEMENT USED TO SECURE CASING.

WB-CEMENT-MEASUREMENT

WB-SACKS VALUE 'S'.

INDICATES AMOUNT OF CEMENT MEASURED IN SACKS.

WB-CUBIC-YARDS VALUE 'Y'.

INDICATES AMOUNT OF CEMENT MEASURED IN YARDS.

WB-CUBIC-FEET VALUE 'F'.

INDICATES AMOUNT OF CEMENT MEASURED IN FEET.

WB-CASING-HOLE-SIZE.

WB-HOLE-INCH

INDICATES SIZE OF CASING HOLE IN INCHES.

WB-HOLE-FRACTION.

WB-HOLE-FRAC-NUM

INDICATES SIZE OF CASING HOLE IN FRACTION OF INCHES (NUMERATOR).

WB-HOLE-FRAC-DENOM

INDICATES SIZE OF CASING HOLE IN FRACTION OF INCHES (DENOMINATOR).

WB-TOP-OF-CEMENT-CASING

MINIMUM DEPTH UP TO WHICH CEMENT WAS CIRCULATED.

WB-AMOUNT-CASING-LEFT

TOTAL NUMBER OF FEET OF CASING LEFT IN WELL WHEN PLUGGED.

```

*****
*                               WELL BORE                               *
*                               PERF SEGMENT                            *
*                               *                                       *
* SEGMENT NAME: WBPERF                (RECURRING)                    *
*                               *                                       *
* FUNCTION                | SOURCE                | SSA NAME|                *
* -----                |-----                |-----|                *
* SEARCH FIELD            | WB-PERF-COUNT        |WBPRFKEY |                *
*                               *                                       *
*****

```

```

01 RAILROAD-COMMISSION-TAPE-REC.                                POS.
  02 RRC-TAPE-RECORD-ID                                        PIC X(02).           1
  02 WELL-BORE-PERF-SEG.
    03 WB-PERF-COUNT                VALUE ZEROS           PIC 9(03).           3
    03 WB-FROM-PERF                 VALUE ZEROS           PIC 9(05).           6
    03 WB-TO-PERF                   VALUE ZEROS           PIC 9(05).          11
    03 WB-OPEN-HOLE-CODE            VALUE SPACES           PIC X(02).          16
      88 WB-OPEN-HOLE                VALUE 'OH'.
    03 FILLER                       VALUE SPACES           PIC X(10).          18
  02 RRC-TAPE-FILLER                PIC X(0220).        28

```

```

*****
*                               WELL BORE                               *
*                               PERF SEGMENT                            *
*****

```

WELL-BORE-PERF-SEG.

WB-PERF-COUNT

UNIQUE NUMBER WHICH CORRESPONDS TO EACH LINE (I.E. SEGMENT) OF PERFS UNDER A DATE SEGMENT.

RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
07	Well Bore Perforations

WB-FROM-PERF

INDICATES DEPTH AT TOP OF PERFORATED INTERVAL.

WB-TO-PERF

INDICATES DEPTH AT BOTTOM OF PERFORATED INTERVAL.

WB-OPEN-HOLE-CODE

INDICATES THAT WELL IS PRDUCING FROM UNCASSED HOLE BELOW PRODUCTION CASING.

WB-OPEN-HOLE VALUE 'OH'.

```

*****
*                                     *
*                   WELL BORE         *
*                   LINER SEGMENT     *
*                                     *
*   SEGMENT NAME: WBLINE              (RECURRING) *
*                                     *
*   FUNCTION          | SOURCE          | SSA NAME| *
*   -----          |-----          |-----| *
*   SEARCH FIELD     | WB-LINE-COUNT   | WBLINKEY | *
*                                     *
*****

```

```

01 RAILROAD-COMMISSION-TAPE-REC.      POS.
02 RRC-TAPE-RECORD-ID                PIC X(02).  1
02 WELL-BORE-LINER-SEG.
03 WB-LINE-COUNT                      VALUE ZEROS  PIC 9(03).  3
03 WB-LINER-SIZE-DATA.
05 WB-LIN-INCH                       VALUE ZEROS  PIC 9(02).  6
05 WB-LIN-FRACTION.
10 WB-LIN-FRAC-NUM                    VALUE ZEROS  PIC 9(02).  8
10 WB-LIN-FRAC-DENOM                 VALUE ZEROS  PIC 9(02).  10
03 WB-SACKS-OF-CEMENT                VALUE ZEROS  PIC 9(05).  12
03 WB-TOP-OF-LINER                   VALUE ZEROS  PIC 9(05).  17
03 WB-BOTTOM-OF-LINER                VALUE ZEROS  PIC 9(05).  22
03 FILLER                             VALUE ZEROS  PIC X(20).  27
02 RRC-TAPE-FILLER                   PIC X(0201). 47

```



```

*****
*                               WELL BORE                               *
*                               LINER SEGMENT                           *
*****

```

WELL-BORE-LINER-SEG.

WB-LINE-COUNT

UNIQUE NUMBER WHICH CORRESPONDS TO EACH LINE (I.E. SEGMENT) OF
LINER DATA HANGING UNDER DATE SEGMENT.

RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
08	Well Bore Lining

WB-LINER-SIZE-DATA.

WB-LIN-INCH

INDICATES SIZE OF LINER IN INCHES.

WB-LIN-FRACTION.

WB-LIN-FRAC-NUM

INDICATES SIZE OF LINER IN FRACTION OF INCHES (NUMERATOR).

WB-LIN-FRAC-DENOM

INDICATES SIZE OF LINER IN FRACTION OF INCHES (DENOMINATOR).

WB-SACKS-OF-CEMENT

INDICATES NUMBER OF SACKS OF CEMENT USED IN COMPLETION LINER.

WB-TOP-OF-LINER

INDICATES DEPTH OF TOP OF LINER.

WB-BOTTOM-OF-LINER

INDICATES DEPTH OF BOTTOM OF LINER.

```

*****
*                               WELL BORE                               *
*                               FORMATION DATA SEGMENT                 *
*                               (RECURRING)                             *
* SEGMENT NAME: WBFORM          *
*                               *
* FUNCTION                      | SOURCE                          | SSA NAME| *
* -----                      |-----|                  |-----| *
* SEARCH FIELD                  | WB-FORMATION-CNTR        | WBFRMKEY| *
* SEARCH FIELD                  | WB-FORMATION-NAME        | WBFORMNM| *
*                               *
*****

```

```

01 RAILROAD-COMMISSION-TAPE-REC.                                     POS.
  02 RRC-TAPE-RECORD-ID                                           PIC X(02).  1
  02 WELL-FORMATION-DATA-SEG.
    03 WB-FORMATION-CNTR          VALUE ZEROS          PIC 9(03).  3
    03 WB-FORMATION-NAME          VALUE SPACES         PIC X(32).  6
    03 WB-FORMATION-DEPTH         VALUE ZEROS          PIC 9(05). 38
    03 FILLER                     VALUE ZEROS          PIC X(05). 43
  02 RRC-TAPE-FILLER                                                  PIC X(0200). 48

```

* WELL BORE *
* FORMATION DATA SEGMENT *

WELL-FORMATION-DATA-SEG.

WB-FORMATION-CNTR

UNIQUE NUMBER WHICH CORRESPONDS TO EACH LINE (I.E. SEGMENT) OF
FORMATION DATA UNDER A DATE SEGMENT.

RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
09	Well Bore Formatio Data

WB-FORMATION-NAME

NAME ASSIGNED TO ANY ROCK OR SEDIMENTARY BED SUFFICIENTLY
DISTINCTIVE TO BE A UNIT.

WB-FORMATION-DEPTH

DEPTH OF FORMATION IN WHICH WELL IS COMPLETED.

```

*****
*                               WELL BORE                               *
*                               SQUEEZE SEGMENT                         *
*                               *                                       *
* SEGMENT NAME: WBSQEZE                (RECURRING)                    *
*                               *                                       *
* FUNCTION                | SOURCE                | SSA NAME|                *
* -----                |-----                |-----|                *
* SEARCH FIELD            | WB-SQUEEZE-CNTR        | WBSQZKEY |                *
*****
01 RAILROAD-COMMISSION-TAPE-REC.                                     POS.
  02 RRC-TAPE-RECORD-ID                                           PIC X(02).      1
  02 WELL-SQUEEZE-DATA-SEG.
    03 WB-SQUEEZE-CNTR                VALUE ZEROS        PIC 9(03).      3
    03 WB-SQUEEZE-UPPER-DEPTH          VALUE ZEROS        PIC 9(05).      6
    03 WB-SQUEEZE-LOWER-DEPTH          VALUE ZEROS        PIC 9(05).     11
    03 WB-SQUEEZE-KIND-AMOUNT          VALUE SPACES        PIC X(50).     16
    03 FILLER                          VALUE ZEROS        PIC X(07).     66
  02 RRC-TAPE-FILLER                                           PIC X(0175).   73

```

```

*****
*                               WELL BORE                               *
*                               SQUEEZE SEGMENT                          *
*****

```

WELL-SQUEEZE-DATA-SEG.

WB-SQUEEZE-CNTR

UNIQUE NUMBER WHICH CORRESPONDS TO EACH LINE (I.E. SEGMENT) OF
SQUEEZE DATA UNDER A DATE SEGMENT.

RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
10	Well Bore Squeeze data

WB-SQUEEZE-UPPER-DEPTH

DEPTH OF UPPER REGION OF WELL INTO WHICH CEMENT IS PUMPED.

WB-SQUEEZE-LOWER-DEPTH

DEPTH OF LOWER REGION OF WELL INTO WHICH CEMENT IS PUMPED.

WB-SQUEEZE-KIND-AMOUNT

INDICATES THE TYPE AND QUANTITY OF MATERIALS USED IN CEMENTING.

```

*****
*                                     WELL BORE                               *
*                                     USABLE QUALITY WATER PROTECTION          *
*                                     (30 BYTES)                               *
* SEGMENT NAME: WBFRESH                                     (RECURRING)      *
*                                                                                                                       *
* FUNCTION          | SOURCE          | SSA NAME | OPTION *
* -----          |-----          |-----  |----- *
* SEGMENT KEY      WB-FRESH-WATER-CNTR  WBH2OKEY  UNIQUE *
*                                                                                                                       *
*****
01 RAILROAD-COMMISSION-TAPE-REC. POS.
  02 RRC-TAPE-RECORD-ID PIC X(02). 1
  02 WELL-BORE-TWDB-SEG.
    03 WB-FRESH-WATER-CNTR VALUE ZEROS PIC 9(03). 3
*==> 9(6) TO 9(8).
    03 WB-TWDB-DATE VALUE ZEROS PIC 9(08). 6
    03 WB-SURFACE-CASING-DETER-CODE VALUE 'N'. PIC X(01) 14
    VALUE 'Y'.
    88 WB-FIELD-RULE-CODE VALUE 'Y'.
  03 WB-UQWP-DATA.
    05 WB-UQWP-FROM VALUE ZEROS PIC 9(04). 15
    05 WB-UQWP-TO VALUE ZEROS PIC 9(04). 19
*==* X(12) TO X(10).
    03 FILLER VALUE SPACES PIC X(10). 23
*==* EXPANDED ZERO BYTES.
    02 RRC-TAPE-FILLER PIC X(0215). 33

```

```

*****
*                               WELL BORE                               *
*                               USABLE QUALITY WATER PROTECTION        *
*****

```

WELL-BORE-TWDB-SEG.

WB-FRESH-WATER-CNTR

WB-TWDB-DATE

RRC-TAPE-RECORD-ID

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

RRC ID

Value Tape Record Description

11 Well Bore Usable Water Quality Protection

DATE OF LETTER FROM TEXAS DEPARTMENT OF WATER RESOURCES WHICH INDICATES DEPTHS AT WHICH WATER NEEDS TO BE PROTECTED. FORMAT: CCYYMMDD

WB-SURFACE-CASING-DETER-CODE

INDICATES THAT FIELD RULES ARE IN EFFECT.

WB-FIELD-RULE-CODE VALUE 'Y'.

WB-UQWP-DATA.

WB-UQWP-FROM

DEPTH AT TOP OF INTERVAL WHERE USABLE QUALITY WATER IS FOUND

WB-UQWP-TO

DEPTH OF BOTTOM OF INTERVAL IN SAME ZONE WHERE USABLE QUALITY WATER IS FOUND.

```

*****
*                                WELL BORE                                *
*                                OLD LOCATION SEGMENT                       *
*                                *                                           *
* SEGMENT NAME: WBOLDLOC                                (NON-RECURRING) *
*                                *                                           *
* FUNCTION          | SOURCE          | SSA NAME | OPTION *
* -----          | -----          | ----- | ----- *
*                   |                   |         |         *
*****
01 RAILROAD-COMMISSION-TAPE-REC.                                POS.
  02 RRC-TAPE-RECORD-ID                                PIC X(02).  1
  02 WELL-BORE-OLD-LOCATION-SEG.
    03 WB-LEASE-NAME                                VALUE SPACES  PIC X(32).  3
    03 WB-SEC-BLK-SURVEY-LOC                        VALUE SPACES  PIC X(52).  35
    03 WB-WELL-LOC-MILES                            VALUE ZEROS   PIC 9(04).  87
    03 WB-WELL-LOC-DIRECTION                        VALUE SPACES  PIC X(06).  91
    03 WB-WELL-LOC-NEAREST-TOWN                    VALUE SPACES  PIC X(13).  97
    03 FILLER                                       VALUE SPACES  PIC X(28). 110
    03 WB-DIST-FROM-SURVEY-LINES                    VALUE SPACES  PIC X(28). 138
    03 WB-DIST-DIRECT-NEAR-WELL                    VALUE SPACES  PIC X(28). 166
    03 FILLER                                       VALUE ZEROS   PIC X(28). 194
  02 RRC-TAPE-FILLER                                PIC X(0026). 222

```



```

*****
*                               WELL BORE                               *
*                               OLD LOCATION SEGMENT                       *
*****

```

WELL-BORE-OLD-LOCATION-SEG.

WB-LEASE-NAME
 NAME OF LEASE IN WHICH WELL IS LOCATED.

 RRC-TAPE-RECORD-ID

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

RRC ID
 Value Tape Record Description
 12 Well Bore Old Location Data

WB-SEC-BLK-SURVEY-LOC
 NAME OF SECTION, BLOCK, AND SURVEY IN WHICH WELL IS LOCATED.

WB-WELL-LOC-MILES
 NUMBER OF MILES FROM NEAREST TOWN TO WELL.

WB-WELL-LOC-DIRECTION
 DIRECTION FROM WHICH MEASUREMENT FROM TOWN WAS TAKEN.

WB-WELL-LOC-NEAREST-TOWN
 NAME OF TOWN NEAREST WELL.

WB-DIST-FROM-SURVEY-LINES
 DISTANCE FROM PARTICULAR SURVEY LINES FROM WHICH MEASUREMENTS
 WERE
 TAKEN.

WB-DIST-DIRECT-NEAR-WELL
 DISTANCE FROM AND DIRECTION OF NEAREST WELL.

```

*****
*                                     *
*                   WELL BORE         *
*                   NEW LOCATION SEGMENT *
*                                     *
*   SEGMENT NAME:  WBNEWLOC           (NON-RECURRING) *
*                                     *
*   FUNCTION        | SOURCE            | SSA NAME  | OPTION *
*   -----        | ------            | ------  | ------ *
*   SEARCH FIELD    | WB-NEW-LOC-KEY     | WBNLOCKY  |         *
*****
01 RAILROAD-COMMISSION-TAPE-REC.          POS.
02 RRC-TAPE-RECORD-ID                    PIC X(02).  1
02 WELL-BORE-NEW-LOC-SEG.
02 WELL-BORE-NEW-LOC-DATA.
03 WB-NEW-LOC-KEY.
05 WB-LOC-COUNTY          VALUE ZEROS      PIC 9(03).  3
05 WB-ABSTRACT           VALUE SPACES     PIC X(06).  6
03 WB-SURVEY             VALUE SPACES     PIC X(55). 12
03 WB-BLOCK-NUMBER      VALUE SPACES     PIC X(10). 67
03 WB-SECTION            VALUE SPACES     PIC X(08). 77
03 WB-ALT-SECTION       VALUE SPACES     PIC X(04). 85
03 WB-ALT-ABSTRACT      VALUE SPACES     PIC X(06). 89
03 WB-DISTANCE-FROM-SURVEY-LINES.
05 WB-FEET-FROM-SUR-SECT-1 VALUE ZEROS      PIC 9(06). 95
05 WB-DIREC-FROM-SUR-SECT-1 VALUE SPACES     PIC X(13). 101
05 WB-FEET-FROM-SUR-SECT-2 VALUE ZEROS      PIC 9(06). 114
05 WB-DIREC-FROM-SUR-SECT-2 VALUE SPACES     PIC X(13). 120
02 WB-OTHER-NEW-LOC-DATA.
03 WB-WGS84-LATITUDE    VALUE ZEROS      PIC S9(3)V9(7).133
03 WB-WGS84-LONGITUDE   VALUE ZEROS      PIC S9(3)V9(7).143
03 FILLER                VALUE ZEROS      PIC X(05).  153
03 WB-PLANE-ZONE         VALUE ZEROS      PIC 9(02).  158
03 WB-PLANE-COORDINATE-EAST VALUE ZEROS      PIC S9(8)V9(2).160
03 WB-PLANE-EAST-RE REDEFINES WB-PLANE-COORDINATE-EAST
PIC 9(10).
03 WB-PLANE-COORDINATE-NORTH VALUE ZEROS      PIC S9(8)V9(2).170
03 WB-PLANE-NORTH-RE REDEFINES WB-PLANE-COORDINATE-NORTH
PIC 9(10).
02 WB-VERIFICATION-FLAG VALUE 'N'        PIC X(1).  178
88 NEW-LOCATION-VERIFIED   VALUE 'Y'.
88 NEW-LOCATION-NOT-VERIFIED VALUE 'N'.
88 NEW-LOCATION-VERIFIED-CHANGE VALUE 'C'.
02 FILLER                VALUE ZEROS      PIC X(01).  179
02 RRC-TAPE-FILLER      PIC X(0066). 182

```

 * WELL BORE *
 * NEW LOCATION SEGMENT *

* DISCLAIMER

* THE DIGITAL MAPPING DATA DESCRIBED IN THIS MANUAL WERE GENERATED

 RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
13	Well Bore New Location Data

* BY THE GEOGRAPHIC INFORMATION SYSTEM OF THE RAILROAD COMMISSION
 * OF TEXAS AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

*
 * BASE MAP INFORMATION WAS OBTAINED DIRECTLY FROM U.S. GEOLOGICAL
 * 7.5 MINUTE QUADRANGLE MAPS. PATENT SURVEY LINES FROM TEXAS
 * GENERAL LAND OFFICE MAPS WERE INTERPRETED AS ACCURATELY AS
 * POSSIBLE OVER THE U.S. GEOLOGICAL SURVEY BASE. OIL AND GAS WELL
 * INFORMATION WERE OBTAINED FROM PUBLIC RECORDS OF THE RAILROAD
 * COMMISSION. THE MAPPING SYSTEM FROM WHICH THIS DATA WERE
 * EXTRACTED IS CONTINUALLY BEING UPDATED AND REFINED. THESE DATA
 * ARE INTENDED SOLELY FOR THE INTERNAL USE OF THE RAILROAD COMM-
 * ISSION, WHICH MAKES NO CLAIM AS TO ITS ACCURACY OR COMPLETENESS.
 * USERS ARE RESPONSIBLE FOR CHECKING THE ACCURACY, COMPLETENESS,
 * CURRENCY, AND/OR SUITABILITY OF THIS DATA.
 *

WELL-BORE-NEW-LOC-SEG.

WELL-BORE-NEW-LOC-DATA.

WB-NEW-LOC-KEY.

WB-LOC-COUNTY

INDICATES COUNTY IN WHICH WELL IS LOCATED.

WB-ABSTRACT

NUMBER ASSIGNED TO SUMMARY STATEMENT OF FACTS ON WHICH A PERSON'S LAND TITLE RESTS.

WB-SURVEY

NAME ASSOCIATED WITH THE BOUNDARIES TO A PORTION OF LAND.

WB-BLOCK-NUMBER

IDENTIFYING NUMBER ASSOCIATED WITH A SQUARE PORTION OF LAND.

WB-SECTION

NAME OF SUBDIVISION OF LAND THAT IS ONE MILE SQUARE, CONTAINING APPROXIMATELY 640 ACRES.

WB-ALT-SECTION

WHEN MORE THAN ONE SECTION IS REPORTED.

WB-ALT-ABSTRACT

WHEN MORE THAN ONE ABSTRACT IS REPORTED.

WB-DISTANCE-FROM-SURVEY-LINES.

WB-FEET-FROM-SUR-SECT-1

DISTANCE OF WELL FROM DESIGNATED SURVEY OR SECTION LINE.

WB-DIREC-FROM-SUR-SECT-1

DIRECTION FROM WHICH MEASUREMENTS FROM DESIGNATED SURVEY OR SECTION LINE WERE TAKEN.

WB-FEET-FROM-SUR-SECT-2

DISTANCE OF WELL FROM SURVEY OR SECTION LINE INTERSECTING LINE DESIGNATED ABOVE.

WB-DIREC-FROM-SUR-SECT-2

DIRECTION FROM WHICH MEASUREMENTS FROM DESIGNATED SURVEY OR SECTION LINE INTERSECTING LINE DESIGNATED ABOVE WERE TAKEN.

WB-OTHER-NEW-LOC-DATA.

WB-WGS84-LATITUDE

LOCATION OF WELL ACCORDING TO SYSTEM OF SPHERICAL COORDINATES OF THE EARTH WHICH RUN EAST AND WEST.

WB-WGS84-LONGITUDE

LOCATION OF WELL ACCORDING TO SYSTEM OF SPHERICAL COORDINATES OF THE EARTH WHICH RUN NORTH AND SOUTH.

WB-PLANE-ZONE

THE NAME DESIGNATED BY CARTESIAN COORDINATE SYSTEM FOR THE AREA WHERE WELL IS LOCATED.

WB-PLANE-COORDINATE-EAST

LOCATION OF WELL ACCORDING TO EAST COORDINATE OF CARTESIAN COORDINATE SYSTEM.

WB-PLANE-COORDINATE-NORTH

LOCATION OF WELL ACCORDING TO NORTH COORDINATE OF CARTESIAN

COORDINATE SYSTEM.

WB-VERIFICATION-FLAG	VALUE 'N'.
NEW-LOCATION-VERIFIED	VALUE 'Y'.
NEW-LOCATION-NOT-VERIFIED	VALUE 'N'.
NEW-LOCATION-VERIFIED-CHANGE	VALUE 'C'.

FLAG WHICH INDICATES WHETHER THE DATA HAS BEEN VERIFIED BY THE RRC. 'N' INDICATES IT HAS NOT BEEN VERIFIED, 'Y' INDICATES IT HAS BEEN VERIFIED, AND 'C' INDICATES DATA THAT HAS BEEN VERIFIED AND WILL BE CHANGED. THE CODE 'C' PROVIDES A MEANS BY WHICH DATA THAT IS PROTECTED BY ITS VERIFIED STATUS (INDICATED BY THE VALUE 'Y') CAN BE CHANGED.

```

*****
*                                     WELL BORE                                     *
*                                     PLUGGING DATA SEGMENT                       *
*                                     (RECURRING)                                  *
* SEGMENT NAME: WBPLUG                                                         *
* COPYBOOK NAME: WBW700I1                                                     *
*
* FUNCTION          | SOURCE                               | SSA NAME | OPTION *
* -----          | -----                               | -----  | ----- *
* SEGMENT KEY      | WB-DATE-W3-FILED                     | WBFILEDT |NON-UNIQ *
* SEARCH FIELDS    | WB-DATE-WELL-BORE-PLUGGED| WBPLUGDT|
*                                     (245 BYTES)
*****
01 RAILROAD-COMMISSION-TAPE-REC.                                             POS.
  02 RRC-TAPE-RECORD-ID                                                       PIC X(02).  1
  02 WELL-BORE-PLUGGING-SEG.
*==> 9(6) TO 9(8).
    03 WB-DATE-W3-FILED                VALUE ZEROS    PIC 9(08).  3
*==> 9(6) TO 9(8).
    03 WB-DATE-WELL-BORE-PLUGGED       VALUE ZEROS    PIC 9(08).  11
    03 WB-PLUG-TOTAL-DEPTH              VALUE ZEROS    PIC 9(05).  19
    03 WB-PLUG-CEMENT-COMP              VALUE SPACES   PIC X(32).  24
    03 WB-PLUG-MUD-FILLED               VALUE SPACE    PIC X(01).  56
    03 WB-PLUG-MUD-DATA.
      05 WB-PLUG-MUD-APPLIED             VALUE SPACES   PIC X(12).  57
      05 WB-PLUG-MUD-WEIGHT              VALUE ZEROS    PIC 9(03).  69
      05 FILLER                          VALUE ZEROS    PIC X(04).  72
*==> 9(6) TO 9(8).
    03 WB-PLUG-DRIL-PERM-DATE           VALUE ZEROS    PIC 9(08).  76
    03 WB-PLUG-DRIL-PERM-NO             VALUE ZEROS    PIC 9(06).  84
*==> 9(6) TO 9(8).
    03 WB-PLUG-DRIL-COMP-DATE           VALUE ZEROS    PIC 9(08).  90
    03 WB-PLUG-LOG-ATTACHED              VALUE SPACE    PIC X(01).  98
    03 WB-PLUG-LOG-RELEASED-TO          VALUE SPACES   PIC X(32).  99
    03 WB-PLUG-TYPE-LOG                  VALUE SPACE    PIC X(01).  131
    88 TYPE-DRILLERS                     VALUE 'D'.
    88 TYPE-ELECTRIC                      VALUE 'E'.
    88 TYPE-RADIOACTIVITY                 VALUE 'R'.
    88 TYPE-ACOUSTICAL-SONIC              VALUE 'A'.
    88 TYPE-DRIL-AND-ELEC                 VALUE 'F'.
    88 TYPE-ELEC-AND-RADIO                VALUE 'G'.
    88 TYPE-RADIO-AND-ACOUS               VALUE 'H'.
    88 TYPE-DRIL-AND-RADIO                VALUE 'I'.
    88 TYPE-ELEC-AND-ACOUS                VALUE 'J'.
    88 TYPE-DRIL-AND-ACOUS                VALUE 'K'.
    88 TYPE-DRIL-ELEC-RADIO               VALUE 'L'.
    88 TYPE-ELEC-RADIO-ACOUS              VALUE 'M'.
    88 TYPE-DRIL-ELEC-ACOUS               VALUE 'N'.
    88 TYPE-DRIL-RADIO-ACOUS              VALUE 'O'.
    88 TYPE-DRIL-ELEC-RADIO-ACOUS         VALUE 'P'.

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03	WB-PLUG-FRESH-WATER-DEPTH	VALUE ZEROS	PIC 9(05).	132
03	WB-PLUG-UWQP	VALUE ZEROS	PIC X(40).	137
03	WB-PLUG-UWQP-RE REDEFINES WB-PLUG-UWQP.			
	10	WB-PLUG-FROM-UWQP OCCURS 4 TIMES	PIC 9(05).	
	10	WB-PLUG-TO-UWQP OCCURS 4 TIMES	PIC 9(05).	
03	WB-PLUG-MATERIAL-LEFT	VALUE SPACE	PIC X(01).	177
03	WB-PLUG-OIL-KEY	VALUE SPACES.		
	05	WB-PLUG-OIL-CODE	PIC X(01).	178
	05	WB-PLUG-OIL-DIST	PIC 9(02).	179
	05	WB-PLUG-OIL-LSE-NBR	PIC 9(05).	181
	05	WB-PLUG-OIL-WELL-NBR	PIC X(06).	186
03	WB-PLUG-GAS-KEY REDEFINES WB-PLUG-OIL-KEY.			
	05	WB-PLUG-GAS-CODE	PIC X(01).	
	05	WB-PLUG-GAS-RRC-ID	PIC 9(06).	
	05	WB-PLUG-GAS-FILLER	PIC X(07).	
03	WB-PLUG-GAS-DIST	VALUE ZEROS	PIC 9(02).	192
03	WB-PLUG-GAS-WELL-NO	VALUE SPACES	PIC X(06).	194
03	WB-PLUG-TYPE-WELL	VALUE SPACE	PIC X(01).	200
	88	OIL-PLUG	VALUE 'O'.	
	88	GAS-PLUG	VALUE 'G'.	
	88	DRY-PLUG	VALUE 'D'.	
	88	SERVICE-PLUG	VALUE 'S'.	
03	WB-PLUG-MULTI-COMPL-FLAG	VALUE 'N'	PIC X(01).	201
	88	WELL-WAS-MULTI-COMPLETION	VALUE 'Y'.	
03	WB-PLUG-CEM-AFF	VALUE 'N'	PIC X(01).	202
	88	WB-PLUG-CA-FILED	VALUE 'Y'.	
	88	WB-PLUG-CA-NOT-FILED	VALUE 'N'.	
03	WB-PLUG-13A	VALUE 'N'	PIC X(01).	203
	88	WB-PLUG-13A-FILED	VALUE 'Y'.	
	88	WB-PLUG-13A-NOT-FILED	VALUE 'N'.	
*==> X(6) TO 9(8).				
03	WB-PLUG-LOG-RELEASED-DATE	VALUE ZEROS	PIC 9(08).	204
03	WB-PLUG-LOG-FILE-RBA	VALUE ZEROS	PIC 9(08).	212
03	WB-STATE-FUNDED-PLUG-NUMBER	VALUE ZEROS	PIC 9(07).	220
== X(38) TO X(28).				
== X(28) TO X(21).				
03	FILLER	VALUE ZEROS	PIC X(21).	227
== EXPANDED ZERO BYTES.				

* WELL BORE *
* PLUGGING DATA SEGMENT *

WELL-BORE-PLUGGING-SEG.

WB-DATE-W3-FILED

THE DATE STAMPED ON FORM WHEN IT IS RECEIVED IN THE RRC DISTRICT OFFICE. FORMAT: CCYYMMDD

RRC-TAPE-RECORD-ID

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

RRC ID

Value Tape Record Description

14 Well Bore Plugging Data

WB-DATE-WELL-BORE-PLUGGED

THE DATE REPORTED ON W-3 FORM BY OPERATOR. FORMAT: CCYYMMDD

WB-PLUG-TOTAL-DEPTH

THE MAXIMUM DEPTH OF THE PLUGGED BORE.

WB-PLUG-CEMENT-COMP

THE NAME OF THE CEMENTING COMPANY HIRED BY THE OPERATOR TO PLUG THE WELL.

WB-PLUG-MUD-FILLED

OPERATOR INDICATES WHETHER OR NOT THE WELL WAS FILLED WITH MUD-LADEN FLUID. FORMAT IS 'Y' = YES 'N' = NO

WB-PLUG-MUD-DATA.

WB-PLUG-MUD-APPLIED

OPERATOR INDICATES THE METHOD BY WHICH THE MUD WAS APPLIED.

WB-PLUG-MUD-WEIGHT

OPERATOR INDICATES THE WEIGHT IN POUNDS PER GALLON OF THE MUD APPLIED IN THE WELL.

WB-PLUG-DRIL-PERM-DATE

THE DATE THE DRILLING PERMIT FOR THE PLUGGED WELL WAS ISSUED. FORMAT: CCYYMMDD

WB-PLUG-DRIL-PERM-NO

THE DRILLING PERMIT NUMBER OF THE PLUGGED WELL.

WB-PLUG-DRIL-COMP-DATE

THE DATE THE WELL WAS COMPLETED, AS PREVIOUSLY REPORTED ON A W-2/G-1 FORM. FORMAT: CCYYMMDD

WB-PLUG-LOG-ATTACHED

INDICATES WHETHER OR NOT A RECORD OF CHARACTERISTICS OF DOWNHOLE FORMATIONS WAS FILED WITH THE W-3 REPORT. FORMAT IS 'Y' = YES
'N' = NO

WB-PLUG-LOG-RELEASED-TO

INDICATES COMPANY TO WHOM COPY OF LOG WAS RELEASED.

WB-PLUG-TYPE-LOG

THE TYPE OF LOG (IF ATTACHED TO THE W-3 REPORT).

'D' = DRILLERS

'E' = ELECTRIC

'R' = RADIOACTIVITY

'A' = ACOUSITICAL-SONIC

WB-PLUG-FRESH-WATER-DEPTH

THE MAXIMUM DEPTH OF USABLE WATER IN THE BORE.

WB-PLUG-UWQP-RE.

WB-PLUG-FROM-UWQP OCCURS 4 TIMES

THE DEPTH OF THE TOP OF USABLE WATER ZONE.

WB-PLUG-TO-UWQP OCCURS 4 TIMES

THE DEPTH OF THE BOTTOM OF USABLE WATER ZONE.

WB-PLUG-MATERIAL-LEFT

OPERATOR INDICATES WHETHER OR NOT ANY NON-DRILLABLE MATERIAL WAS LEFT IN HOLE. FORMAT IS 'Y' = YES 'N' = NO

WB-PLUG-OIL-KEY

WB-PLUG-OIL-CODE

'O' INDICATES THAT WELL PLUGGED WAS AN OIL WELL.

WB-PLUG-OIL-DIST

DISTRICT PLUGGED WELL IS LOCATED IN.

WB-PLUG-OIL-LSE-NBR

LEASE NUMBER OF PLUGGED WELL.

WB-PLUG-OIL-WELL-NBR

WELL NUMBER OF PLUGGED OIL WELL.

WB-PLUG-GAS-KEY REDEFINES WB-PLUG-OIL-KEY.

WB-PLUG-GAS-CODE

'G' INDICATES THAT PLUGGED WELL WAS A GAS WELL.

WB-PLUG-GAS-RRC-ID

UNIQUE GAS WELL ID NUMBER.

WB-PLUG-GAS-FILLER

WB-PLUG-GAS-DIST

DISTRICT PLUGGED GAS WELL IS LOCATED IN.

WB-PLUG-GAS-WELL-NO
WELL NUMBER OF PLUGGED GAS WELL.

WB-PLUG-TYPE-WELL
THE TYPE OF WELL AT TIME OF PLUGGING.
'O' = OIL
'G' = GAS
'D' = DRY HOLE
'S' = SERVICE

WB-PLUG-MULTI-COMPL-FLAG
OPERATOR INDICATES WHETHER OR NOT THIS WELLBORE HAS MULTIPLE
COMPLETIONS. FORMAT IS 'Y' = YES 'N' = NO
WELL-WAS-MULTI-COMPLETION VALUE 'Y'.

WB-PLUG-CEM-AFF VALUE 'N'
INDICATES WHETHER OR NOT A CEMENTING REPORT (FORM W-15) WAS FILED
WITH THE PLUG REPORT (FORM W-3).
WB-PLUG-CA-FILED VALUE 'Y'.
WB-PLUG-CA-NOT-FILED VALUE 'N'.

WB-PLUG-13A VALUE 'N'
INDICATES WHETHER OR NOT OPERATOR WAS GRANTED AN EXCEPTION TO SWR
13A.
WB-PLUG-13A-FILED VALUE 'Y'.
WB-PLUG-13A-NOT-FILED VALUE 'N'.

WB-PLUG-LOG-RELEASED-DATE
THE DATE ON WHICH OPERATOR RELEASED THE PLUG LOG. FORMAT:
CCYYMMDD

WB-PLUG-LOG-FILE-RBA
POINTS TO WELL BORE LOG RECORD IN A FILE SEPARATE FROM THE DATABASE
(FOR DRY PLUGS ONLY).

WB-STATE-FUNDED-PLUG-NUMBER
THIS 7 DIGIT NUMBER IS ASSIGNED TO EACH LEASE THAT IS PLUGGED WITH
STATE FUNDS. THE FIRST TWO DIGITS ARE THE DISTRICT AND THE OTHER
FIVE ARE UNIQUE NUMBERS. THIS 7 DIGIT NUMBER IS USED TO TRACK
STATE FUNDED PLUGGING IN THE PLUG DATABASE. THIS NUMBER SHOULD ALSO
BE INCLUDED IN THE REMARKS SECTION OF EVERY W-3 FILED FOR WELLS
PLUGGED WITH STATE FUNDS.

```

*****
*                                     *
*                   WELL BORE         *
*                   PLUGGING REMARKS SEGMENT
*                                     *
*   SEGMENT NAME:  WBPLRMKS           (RECURRING)
*                                     *
*   FUNCTION       | SOURCE             | SSA NAME|
*   -----       |-----|             |-----|
*   SEARCH FIELD   | WB-PLUG-RMK-LNE-CNT | WBPLREML|
*                                     *
*****

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01 RAILROAD-COMMISSION-TAPE-REC.      POS.
02 RRC-TAPE-RECORD-ID                PIC X(02).  1
02 WELL-BORE-PLUG-RMKS-SEG.
03 WB-PLUG-RMK-LNE-CNT                VALUE ZEROS  PIC 9(03).  3
03 WB-PLUG-RMK-TYPE-CODE              VALUE SPACE  PIC X(01).  6
03 WB-PLUG-REMARKS                    VALUE SPACES  PIC X(70).  7
02 RRC-TAPE-FILLER                    PIC X(0171). 77

```

```

*****
*                               WELL BORE                               *
*                               PLUGGING REMARKS SEGMENT                *
*****

```

WELL-BORE-PLUG-RMKS-SEG.

WB-PLUG-RMK-LNE-CNT

UNIQUE NUMBER WHICH CORRESPONDS TO EACH LINE (I.E. SEGMENT) OF
REMARKS UNDER A PLUGGING DATA SEGMENT.

RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
15	Well Bore Plugging Remarks

WB-PLUG-RMK-TYPE-CODE

NOT USED AT THIS TIME.

WB-PLUG-REMARKS

A LINE OF FREE-FORM REMARKS.

```

*****
*                                     *
*                   WELL BORE         *
*                   PLUGGING RECORD  *
*                   SEGMENT         *
*                                     *
*   SEGMENT NAME:   WBPLREC           *
*                   (NON-RECURRING) *
*                                     *
*   FUNCTION        | SOURCE          *
*                   |-----          *
*   SEARCH FIELD    | WB-PLUG-NUMBER  *
*                   |WBPLUGNO        *
*                                     *
*****

```

```

01 RAILROAD-COMMISSION-TAPE-REC.      POS.
02 RRC-TAPE-RECORD-ID                 PIC X(02).  1
02 WELL-BORE-PLUG-REC-SEG.
03 WB-PLUG-NUMBER                      VALUE ZEROS  PIC 9(03).  3
03 WB-NBR-OF-CEMENT-SACKS              VALUE ZEROS  PIC 9(05).  6
03 WB-MEAS-TOP-OF-PLUG                 VALUE ZEROS  PIC 9(05). 11
03 WB-BOTTOM-TUBE-PIPE-DEPTH           VALUE ZEROS  PIC 9(05). 16
03 WB-PLUG-CALC-TOP                    VALUE ZEROS  PIC 9(05). 21
03 WB-PLUG-TYPE-CEMENT                 VALUE SPACES PIC X(06). 26
03 FILLER                              VALUE ZEROS  PIC X(19). 32
02 RRC-TAPE-FILLER                     PIC X(01947). 51

```

```

*****
*                                WELL BORE                                *
*                                PLUGGING RECORD SEGMENT                    *
*****

```

WELL-BORE-PLUG-REC-SEG.

WB-PLUG-NUMBER

INDICATES THE NUMBER OF THE PLUG IN THE BORE.
 NOTE: UP TO EIGHT PLUGS MAY BE RECORDED ON W-3.

RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
16	Well Bore Plugging Record

WB-NBR-OF-CEMENT-SACKS

NUMBER OF SACKS OF CEMENT USED TO PLUG WELL.

WB-MEAS-TOP-OF-PLUG

MECHANICALLY-VERIFIED DEPTH TO WHICH TOP OF PLUG WAS SET.

WB-BOTTOM-TUBE-PIPE-DEPTH

DEPTH TO WHICH BOTTOM OF PLUG WAS SET INSIDE CASING.

WB-PLUG-CALC-TOP

ESTIMATED DEPTH TO WHICH TOP OF PLUG WAS SET (MAY BE REPORTED IN LIEU OF MEASURED TOP OF PLUG OR ALONG WITH TOP OF PLUG).

WB-PLUG-TYPE-CEMENT

MATERIAL USED TO PLUG WELL.

```

*****
*                                     WELL BORE                                     *
*                                     PLUGGING DATA CASING-TUBING RECORD          *
*                                     (RECURRING)                                *
* SEGMENT NAME: WBPLCASE                                                         *
*                                     (RECURRING)                                *
* FUNCTION          | SOURCE                | SSA NAME | OPTION *
* -----          | -|-----| |-----| |----- *
* SEARCH FIELD     | WB-PLG-CAS-COUNTER | WBPLCASC |      *
*****
01 RAILROAD-COMMISSION-TAPE-REC. POS.
  02 RRC-TAPE-RECORD-ID PIC X(02). 1
  02 WELL-BORE-PLUG-CAS-SEG.
    03 WB-PLG-CAS-COUNTER VALUE ZEROS PIC 9(06). 3
    03 WB-PLUG-CASING-TUBING-DATA VALUE ZEROS.
    05 WB-PLUG-CT-RECORD.
      07 WB-PLUG-CAS-SIZE.
        09 WB-PLUG-CAS-INCH PIC 9(02). 9
        09 WB-PLUG-CAS-FRAC-NUM PIC 9(02). 11
        09 WB-PLUG-CAS-FRAC-DENOM PIC 9(02). 13
      07 WB-PLUG-CAS-LBS-FT.
        09 WB-PLUG-WGT-WHOLE PIC 9(03). 15
        09 WB-PLUG-WGT-TENTHS PIC 9(01). 18
      07 WB-PLUG-AMT-PUT PIC 9(05). 19
      07 WB-PLUG-AMT-LEFT PIC 9(05). 24
      07 WB-PLUG-HOLE-SIZE.
        09 WB-PLUG-HOLE-INCH PIC 9(02). 29
        09 WB-PLUG-HOLE-FRAC-NUM PIC 9(02). 31
        09 WB-PLUG-HOLE-FRAC-DENOM PIC 9(02). 33
    03 FILLER VALUE ZEROS PIC X(20). 35
  02 RRC-TAPE-FILLER PIC X(0193). 55

```

 * WELL BORE *
 * PLUGGING DATA CASING-TUBING RECORD *

WELL-BORE-PLUG-CAS-SEG.

WB-PLG-CAS-COUNTER

UNIQUE NUMBER WHICH CORRESPONDS TO EACH LINE (I.E. SEGMENT) OF PLUG CASING ASSOCIATED WITH W-3 FILE DATE.

 RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
17	Well Bore Plugging Casing-Tubing

WB-PLUG-CASING-TUBING-DATA

WB-PLUG-CT-RECORD.

WB-PLUG-CAS-SIZE.

WB-PLUG-CAS-INCH

SIZE OF PLUGGED CASING IN INCHES, WHOLE NUMBER.

WB-PLUG-CAS-FRAC-NUM

SIZE OF PLUGGED CASING IN FRACTIONS OF INCHES,
 (NUMERATOR).

WB-PLUG-CAS-FRAC-DENOM

SIZE OF PLUGGED CASING IN FRACTIONS OF INCHES,
 (DENOMINATOR).

WB-PLUG-CAS-LBS-FT.

WB-PLUG-WGT-WHOLE

POUNDS-PER-FEET WEIGHT OF PLUG CASING IN WHOLE NUMBERS.

WB-PLUG-WGT-TENTHS

POUNDS-PER-FEET WEIGHT OF PLUG CASING IN TENTHS OF A POUND.

WB-PLUG-AMT-PUT

NUMBER OF FEET OF CASING PIPE ORIGINALLY PUT IN WELL.

WB-PLUG-AMT-LEFT

NUMBER OF FEET OF CASING PIPE LEFT IN WELL WHEN PLUGGED.

WB-PLUG-HOLE-SIZE.

WB-PLUG-HOLE-INCH

SIZE OF HOLE IN INCHES, WHOLE NUMBER.

WB-PLUG-HOLE-FRAC-NUM
HOLE SIZE IN FRACTIONS OF INCHES, NUMERATOR.

WB-PLUG-HOLE-FRAC-DENOM
HOLE SIZE IN FRACTIONS OF INCHES, DENOMINATOR.

```

*****
*                                     *
*                   WELL BORE         *
*                   PLUGGING PERFS   *
*                   SEGMENT          *
*                                     *
*   SEGMENT NAME:  WBPLPERF          *
*                                     *
*   FUNCTION       | SOURCE           | SSA NAME |   *
*   -----       | ------         | ------ |   *
*   SEARCH FIELD   | WB-PLUG-PERF-COUNTER           | WBPLPERC |   *
*                                     *
*****

```

```

01 RAILROAD-COMMISSION-TAPE-REC.      POS.
02 RRC-TAPE-RECORD-ID                PIC X(02).  1
02 WELL-BORE-PLUG-RECORD.
03 WB-PLUG-PERF-COUNTER              VALUE ZEROS  PIC 9(03).  3
03 WB-PLUG-FROM-PERF                 VALUE ZEROS  PIC 9(05).  6
03 WB-PLUG-TO-PERF                   VALUE ZEROS  PIC 9(05). 11
03 WB-PLUG-OPEN-HOLE-INDICATOR       VALUE 'N'    PIC X(1).   16
03 FILLER                             VALUE ZEROS  PIC X(19). 17
02 RRC-TAPE-FILLER                   PIC X(0212). 36

```

```

*****
*                               WELL BORE                               *
*                               PLUGGING PERFS SEGMENT                   *
*****

```

WELL-BORE-PLUG-RECORD.

WB-PLUG-PERF-COUNTER

UNIQUE NUMBER WHICH CORRESPONDS TO EACH OCCURRENCE OF PERFORATIONS ON FILE. NOTE: 'FROM' AND 'TO' EQUALS ONE

RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
18	Well Bore Plugging Record

OCCURRENCE, MAXIMUM OF TEN PERFS MAY BE REPORTED.

WB-PLUG-FROM-PERF

DEPTH AT TOP OF ONE PERFORATED INTERVAL.

WB-PLUG-TO-PERF

DEPTH AT BOTTOM OF ONE PERFORATED INTERVAL.

WB-PLUG-OPEN-HOLE-INDICATOR

INDICATES IF PERFORATED INTERVAL WAS LEFT OPEN.

'Y' = YES
'N' = NO

```

*****
*                                     *
*                   WELL BORE         *
*          PLUGGING DATA  NOMENCLATURE SEGMENT          *
*                                     *
*          SEGMENT NAME: WBPLNAME           NON-RECURRING      *
*                                     *
*          FUNCTION           | SOURCE           | SSA NAME           | OPTION           *
*          -----           |-----           |-----           |-----           *
*          |                 |                 |                 |                 *
*                                     *
*****

```

```

01 RAILROAD-COMMISSION-TAPE-REC.          POS.
02 RRC-TAPE-RECORD-ID                    PIC X(02).    1
02 WELL-BORE-PLUG-NOMEN-SEG.
03 WB-PLUG-FIELD-NO                       VALUE ZEROS  PIC 9(08).   3
03 WB-PLUG-FIELD-NAME                     VALUE SPACES PIC X(32).  11
03 WB-PLUG-OPER-NO                       VALUE ZEROS  PIC X(06).  43
03 WB-PLUG-OPER-NAME                     VALUE SPACES PIC X(32).  49
03 WB-PLUG-LEASE-NAME                    VALUE SPACES PIC X(32).  81
02 RRC-TAPE-FILLER                       PIC X(0135). 113

```

```

*****
*                               WELL BORE                               *
*                               PLUGGING DATA NOMENCLATURE SEGMENT      *
*****

```

WELL-BORE-PLUG-NOMEN-SEG.

WB-PLUG-FIELD-NO
 FIELD NUMBER WHERE PLUGGED WELL IS LOCATED.

 RRC-TAPE-RECORD-ID

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

RRC ID
 Value Tape Record Description
 19 Well Bore Plugging Nomenclature

WB-PLUG-FIELD-NAME
 NAME OF FIELD IN WHICH PLUGGED WELL IS LOCATED.

WB-PLUG-OPER-NO
 RRC-ASSIGNED ID NUMBER FOR OPERATOR OF PLUGGED WELL.

WB-PLUG-OPER-NAME
 NAME OF OPERATOR OF PLUGGED WELL.

WB-PLUG-LEASE-NAME
 NAME OF LEASE IN WHICH PLUGGED WELL IS LOCATED.

```

*****
*                               WELL BORE                               *
*                               DRILLING PERMIT NUMBER                   *
*                               *                                       *
* SEGMENT NAME: WBDRILL                               (RECURRING)      *
*                               *                                       *
* FUNCTION          | SOURCE          | SSA NAME | OPTION *
* -----          |-----          |-----  |----- *
* SEGMENT KEY      | WB-PERMIT-NUMBER | WPMTNUM| UNIQUE *
* SECONDARY INDX  | WB-PERMIT-NUMBER | XPMTNUM |         *
*                               *                                       *

```

```

*****
01 RAILROAD-COMMISSION-TAPE-REC.                                POS.
  02 RRC-TAPE-RECORD-ID                                       PIC X(02).    1
  02 WELL-BORE-DRLG-PMT-SEG.
    03 WB-PERMIT-NUMBER          VALUE ZEROS          PIC 9(06).    3
    03 FILLER                    VALUE ZEROS          PIC X(14).    9
  02 RRC-TAPE-FILLER                                       PIC X(0225). 23

```

```

*****
*                               WELL BORE                               *
*                               DRILLING PERMIT NUMBER                   *
*****

```

WELL-BORE-DRLG-PMT-SEG.

WB-PERMIT-NUMBER
 IDENTIFYING NUMBER ASSIGNED TO PERMIT TO DRILL.

 RRC-TAPE-RECORD-ID

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

RRC ID
 Value Tape Record Description
 20 Well Bore Drilling Permit Number

```

*****
*                                     *
*                   WELL BORE         *
*                   WELL-ID SEGMENT   *
*                                     *
*   SEGMENT NAME: WBWELLID           (RECURRING) *
*                                     *
*   FUNCTION           | SOURCE           | SSA NAME | OPTION *
*   -----           |-----           |-----  |----- *
*   SEGMENT KEY       | WB-OIL-INFO(WB-GAS-INFO)| WBWELKEY | UNIQUE *
*                                     *
*****
01 RAILROAD-COMMISSION-TAPE-REC.      POS.
02 RRC-TAPE-RECORD-ID                PIC X(02).  1
02 WELL-BORE-WELL-ID-SEG.
03 WB-OIL-INFO.
05 WB-OIL                            PIC X(01).  3
05 WB-OIL-DISTRICT                   PIC 9(02).  4
05 WB-OIL-LSE-NUMBER                 PIC 9(05).  6
05 WB-OIL-WELL-NUMBER                PIC X(06). 11
03 WB-GAS-INFO REDEFINES WB-OIL-INFO.
05 WB-GAS                            PIC X(01).
05 WB-GAS-RRCID                     PIC 9(06).
05 WB-FILLER                         PIC X(07).
03 FILLER                            VALUE ZEROS PIC X(11). 17
02 RRC-TAPE-FILLER                   PIC X(0220). 28

```



```

*****
*                               WELL BORE                               *
*                               WELL-ID SEGMENT                          *
*****

```

WELL-BORE-WELL-ID-SEG.

WB-OIL-INFO.

WB-OIL

INDICATES THAT WELL IS CARRIED ON OIL SCHEDULE.

RRC-TAPE-RECORD-ID

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

RRC ID

Value Tape Record Description

21 Well Bore Well Identification

WB-OIL-DISTRICT

INDICATES DISTRICT IN WHICH WELL IS LOCATED.

WB-OIL-LSE-NUMBER

INDICATES NUMBER ASSIGNED TO LEASE IN WHICH WELL IS LOCATED.

WB-OIL-WELL-NUMBER

INDICATES NUMBER ASSIGNED TO IDENTIFY WELL.

WB-GAS-INFO REDEFINES WB-OIL-INFO.

WB-GAS

INDICATES THAT WELL IS CARRIED ON GAS SCHEDULE.

WB-GAS-RRCID

UNIQUE NUMBER WHICH IDENTIFIES GAS WELL.

WB-FILLER

```

*****
* WBW700Z7              14(B)(2) EXTENSION/PLUG SYSTEM          *
*                                                                *
*                      14B2 WELL SEGMENT                        *
*                                                                *
* NOTE: EXCEPTION AND EXTENSION ARE USED SYNONYMOUSLY.        *
*                                                                *
*                      SSA                                       *
* SEGMENT NAME: WB14B2          KEY NAME                        *
*          -----                                                *
* SEARCH FIELD: WELL OIL KEY (WELL GAS KEY)  WB14B2KY          *
* SECONDARY KEY: APPLICATION NUMBER + WELL KEY  XAPPNUM        *
* SEGMENT CONTAINS: 200 CHARACTERS                               *
*****
01 RAILROAD-COMMISSION-TAPE-REC.                                POS.
02 RRC-TAPE-RECORD-ID          PIC X(02).                      1
02 WB14B2-WELL-SEGMENT.
05 WB14B2-OIL-KEY.
10 WB14B2-OIL-CODE             VALUE SPACE          PIC X(01).    3
10 WB14B2-OIL-DISTRICT        VALUE ZEROS          PIC 9(02).    4
10 WB14B2-OIL-LEASE-NUMBER    VALUE ZEROS          PIC 9(05).    6
10 WB14B2-OIL-WELL-NUMBER     VALUE SPACES        PIC X(06).    11
05 WB14B2-GAS-KEY REDEFINES WB14B2-OIL-KEY.
10 WB14B2-GAS-CODE             VALUE ZEROS          PIC X(01).
10 WB14B2-GAS-RRC-ID          VALUE ZEROS          PIC 9(06).
10 WB14B2-GAS-FILLER          VALUE ZEROS          PIC X(07).
05 WB14B2-APPLICATION-NUMBER  VALUE ZEROS          PIC 9(06).    17
05 WB14B2-GAS-DISTRICT        VALUE ZEROS          PIC 9(02).    23
05 WB14B2-EXT-STATUS-FLAG     VALUE ZEROS          PIC X(01).    25
88 WB14B2-EXT-APPROVED        VALUE 'A'.
88 WB14B2-EXT-CANCELLED       VALUE 'C'.
88 WB14B2-EXT-DENIED          VALUE 'D'.
88 WB14B2-EXT-EXPIRED         VALUE 'E'.
05 WB14B2-EXT-CANCELLED-REASON VALUE ZEROS          PIC X(01).    26
88 WB14B2-EXT-INJECTION-WELL  VALUE 'I'.
88 WB14B2-EXT-PRODUCING-WELL  VALUE 'P'.
88 WB14B2-EXT-PLUGGED-WELL    VALUE 'G'.
88 WB14B2-EXT-SERVICE-WELL    VALUE 'S'.
88 WB14B2-EXT-CANCELLED-OTHER VALUE 'O'.
05 WB14B2-EXT-APPROVED-DATE.
10 WB14B2-EXT-APPROVED-CENT    VALUE ZEROS          PIC 9(02).    27
10 WB14B2-EXT-APPROVED-YEAR    VALUE ZEROS          PIC 9(02).    29
10 WB14B2-EXT-APPROVED-MONTH   VALUE ZEROS          PIC 9(02).    31
10 WB14B2-EXT-APPROVED-DAY     VALUE ZEROS          PIC 9(02).    33
05 WB14B2-EXT-EXP-DATE.
10 WB14B2-EXT-EXP-CENT         VALUE ZEROS          PIC 9(02).    35
10 WB14B2-EXT-EXP-YEAR         VALUE ZEROS          PIC 9(02).    37
10 WB14B2-EXT-EXP-MONTH       VALUE ZEROS          PIC 9(02).    39
10 WB14B2-EXT-EXP-DAY         VALUE ZEROS          PIC 9(02).    41
05 WB14B2-EXT-DENIED-DATE.

```

10	WB14B2-EXT-DENIED-CENT	VALUE ZEROS	PIC 9(02).	43
10	WB14B2-EXT-DENIED-YEAR	VALUE ZEROS	PIC 9(02).	45
10	WB14B2-EXT-DENIED-MONTH	VALUE ZEROS	PIC 9(02).	47
10	WB14B2-EXT-DENIED-DAY	VALUE ZEROS	PIC 9(02).	49
05	WB14B2-EXT-HIST-DATE.			
10	WB14B2-EXT-HIST-CENT	VALUE ZEROS	PIC 9(02).	51
10	WB14B2-EXT-HIST-YEAR	VALUE ZEROS	PIC 9(02).	53
10	WB14B2-EXT-HIST-MONTH	VALUE ZEROS	PIC 9(02).	55
10	WB14B2-EXT-HIST-DAY	VALUE ZEROS	PIC 9(02).	57
05	WB14B2-WELL-VIOLATIONS.			
10	WB14B2-MECH-INTEG-VIOL-FLAG		PIC X(01).	59
88	WB14B2-MECH-INTEG-VIOL	VALUE 'H'.		
10	WB14B2-PLUG-ORDER-SF-HOLD-FLAG		PIC X(01).	60
88	WB14B2-PLUG-ORDER-SF-HOLD	VALUE 'E'.		
10	WB14B2-POLLUTION-VIOL-FLAG		PIC X(01).	61
88	WB14B2-POLLUTION-VIOL	VALUE 'P'.		
10	WB14B2-FIELD-OPS-HOLD-FLAG		PIC X(01).	62
88	WB14B2-FIELD-OPS-HOLD	VALUE 'F'.		
10	WB14B2-H15-PROBLEM-FLAG		PIC X(01).	63
88	WB14B2-H15-PROBLEM	VALUE 'V'.		
10	WB14B2-H15-NOT-FILED-FLAG		PIC X(01).	64
88	WB14B2-H15-NOT-FILED	VALUE 'X'.		
10	WB14B2-OPER-DELQ-FLAG		PIC X(01).	65
88	WB14B2-OPER-DELQ	VALUE 'O'.		
10	WB14B2-DISTRICT-HOLD-SFP-FLAG		PIC X(01).	66
88	WB14B2-DISTRICT-HOLD-SFP	VALUE 'T'.		
10	WB14B2-DIST-SF-CLEAN-UP-FLAG		PIC X(01).	67
88	WB14B2-DIST-SF-CLEAN-UP	VALUE 'M'.		
10	WB14B2-DIST-STATE-PLUG-FLAG		PIC X(01).	68
88	WB14B2-DIST-STATE-PLUG	VALUE 'K'.		
10	WB14B2-GOOD-FAITH-VIOL-FLAG		PIC X(01).	69
88	WB14B2-GOOD-FAITH-VIOL	VALUE 'R'.		
10	WB14B2-WELL-OTHER-VIOL-FLAG		PIC X(01).	70
88	WB14B2-WELL-OTHER-VIOL	VALUE 'Q'.		
10	WB14B2-W3C-SURF-EQP-VIOL-FLAG		PIC X(01).	71
88	WB14B2-W3C-SURF-EQUIP-VIOL	VALUE 'S'.		
10	WB14B2-W3X-VIOL-FLAG		PIC X(01).	72
88	WB14B2-W3X-VIOL	VALUE 'W'.		
10	FILLER		PIC X(07).	73
05	WB14B2-HB2259-W3X-OPTIONS.			
07	WB14B2-HB2259-W3X-PUB-ENT	VALUE SPACES	PIC X(01).	80
07	WB14B2-HB2259-W3X-10PCT	VALUE SPACES	PIC X(01).	81
07	WB14B2-HB2259-W3X-BONDING	VALUE SPACES	PIC X(01).	82
07	WB14B2-HB2259-W3X-H13-EOR	VALUE SPACES	PIC X(01).	83
88	WB14B2-HB2259-EOR-REJECTED	VALUE 'R'.		
07	WB14B2-HB2259-W3X-AOP	VALUE SPACES	PIC X(01).	84
88	WB14B2-HB2259-AOP-REJECTED	VALUE 'R'.		
07	WB14B2-HB2259-W3X-MIT	VALUE SPACES	PIC X(01).	85
88	WB14B2-HB2259-MIT-REJECTED	VALUE 'R'.		
07	WB14B2-HB2259-W3X-ESCROW	VALUE SPACES	PIC X(01).	86

88	WB14B2-HB2259-ESCROW-REJECTED	VALUE 'R'.		
05	WB14B2-W3X-FILING-KEY	VALUE ZEROS	PIC 9(08).	87
05	WB14B2-W3X-AOP-RECEIVED-DATE	VALUE ZEROS	PIC 9(08).	95
05	WB14B2-W3X-AOP-FEE-RCVD-DATE	VALUE ZEROS	PIC 9(08).	103
05	WB14B2-W3X-H15-FEE-RCVD-DATE	VALUE ZEROS	PIC 9(08).	111
05	WB14B2-W3X-ESCROW-FUNDS	VALUE ZEROS	PIC 9(05)V99.	119
05	WB14B2-W3X-ESCROW-FUND-SPLIT	REDEFINES		
		WB14B2-W3X-ESCROW-FUNDS.		
07	WB14B2-W3X-ESCROW-FUND-WHOLE		PIC 9(05).	
07	WB14B2-W3X-ESCROW-FUND-DECIMAL		PIC 9(02).	
05	WB14B2-60-DAY-LETTER-SENT-FLAG	VALUE SPACES	PIC X(01).	126
88	WB14B2-60-DAY-LETTER-SENT	VALUE 'Y'.		
05	WB14B2-W1X-36-NEEDS-BOND-FLAG	VALUE SPACES	PIC X(01).	127
88	WB14B2-W1X-36-NEEDS-BOND	VALUE 'Y'.		
05	WB14B2-W1X-36-TYPE-COVERAGE	VALUE ZEROS	PIC X(01).	128
88	WB14B2-W1X-36-BOND	VALUE 'B'.		
88	WB14B2-W1X-36-LOC	VALUE 'L'.		
05	WB14B2-W1X-36-AMT-FILED	VALUE ZEROS	PIC 9(09).	129
05	WB14B2-W1X-36-SURETY	VALUE ZEROS	PIC 9(05).	138
05	WB14B2-W1X-36-EXP-DATE.			
10	WB14B2-W1X-36-EXP-CENT	VALUE ZEROS	PIC 9(02).	143
10	WB14B2-W1X-36-EXP-YEAR	VALUE ZEROS	PIC 9(02).	145
10	WB14B2-W1X-36-EXP-MON	VALUE ZEROS	PIC 9(02).	147
10	WB14B2-W1X-36-EXP-DAY	VALUE ZEROS	PIC 9(02).	149
05	WB14B2-W1X-36-BOND-NUMBER	VALUE ZEROS	PIC X(20).	151
05	FILLER	VALUE ZEROS	PIC X(32).	171
02	RRC-TAPE-FILLER		PIC X(0120).	128

 * WELLBORE DATABASE *
 * WB14B2 SEGMENT *

WB14B2-WELL-SEGMENT

THIS SEGMENT IS NON-RECURRING. THIS SEGMENT EXISTS ONLY WHEN A WELL IS SUBJECT TO RULE 14B2 AND HAS AN EXTENSION ON FILE. IF A WELL IS NO LONGER SUBJECT TO 14B2, IF AN EXTENSION HAS NOT BEEN APPLIED

 RRC-TAPE-RECORD-ID

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

RRC ID

Value Tape Record Description
 22 Well Bore Rule 14b2 Extension

FOR, OR IF THE EXTENSION HAS EXPIRED THIS WB14B2 SEGMENT IS MOVED TO THE EX DATABASE AS THE EX14B2HS SEGMENT.

WB14B2-OIL-KEY

A COMBINATION OF OIL CODE, DISTRICT, LEASE NUMBER AND WELL NUMBER; THE LAST THREE UNIQUELY IDENTIFY THE OIL WELL.

WB14B2-OIL-CODE

THE ONE-CHARACTER CODE "O" INDICATES THE CLASSIFICATION OF THE WELL AS AN OIL WELL.

WB14B2-OIL-DISTRICT

THIS DATA ITEM INDICATES THE DISTRICT IN WHICH THE 14(B)(2) OIL WELLS RESIDE. THERE ARE 14 DISTRICTS: 01, 02, 03, 04, 05, 06, 6E, 7B, 7C, 08, 8A, 8B, 09, AND 10. THE IDENTIFICATION VALUES, HOWEVER, ARE NOT INDICATED ON THE 14(B)(2) TAPE AS THEY ARE LISTED ABOVE. THE TABLE BELOW INDICATES THE CONVERTED VALUES.

14B2 TAPE VALUE	DISTRICT VALUE
01	- 01
02	- 02
03	- 03
04	- 04
05	- 05
06	- 06
07	- 6E
08	- 7B
09	- 7C
10	- 08
11	- 8A

- 12 - 8B (RESERVED FOR FUTURE USE.)
- 13 - 09
- 14 - 10

WB14B2-OIL-LEASE-NUMBER

THIS DATA ITEM CONTAINS A FIVE-DIGIT OIL LEASE NUMBER ASSIGNED BY THE RRC TO EACH OIL LEASE.

WB14B2-OIL-WB14B2-NUMBER

THIS DATA ITEM CONTAINS AN ALPHANUMERIC STRING OF UP TO SIX DIGITS AND/OR CHARACTERS; IT IS ASSIGNED BY THE OPERATOR TO EACH OIL WELL.

WB14B2-GAS-KEY

A ONE-CHARACTER GAS CODE AND SIX-DIGIT RRC GAS WELL ID WHICH UNIQUELY IDENTIFY A GAS WELL.

WB14B2-GAS-CODE

THE ONE-CHARACTER CODE "G" INDICATES THE CLASSIFICATION OF THE WELL AS A GAS WELL.

WB14B2-GAS-RRC-ID

A SIX-DIGIT NUMBER ASSIGNED BY THE RRC TO UNIQUELY IDENTIFY EACH GAS WELL.

WB14B2-APPLICATION-NUMBER

A UNIQUE NUMBER ASSIGNED TO EACH 14(B)(2) APPLICATION RECEIVED. IT IS USED TO ASSOCIATE 14(B)(2) WELLS WITH AN APPLICATION.

WB14B2-GAS-DISTRICT

THIS DATA ITEM INDICATES THE DISTRICT IN WHICH THE GAS WELL RESIDES. THERE ARE 14 DISTRICTS: 01, 02, 03, 04, 05, 06, 6E, 7B, 7C, 08, 8A, 8B, 09, AND 10. THE IDENTIFICATION VALUES, HOWEVER, ARE NOT INDICATED ON THE 14(B)(2) TAPE AS THEY ARE LISTED ABOVE. THE TABLE BELOW INDICATES THE CONVERTED VALUES. SEE WB14B2-OIL-DISTRICT ABOVE

WB14B2-EXT-STATUS-FLAG

THIS IS THE CURRENT STATUS OF THE 14B2 EXTENSION APPLIED FOR

- 'A' - WB14B2-EXT-APPROVED
- 'C' - WB14B2-EXT-CANCELLED
- 'D' - WB14B2-EXT-DENIED
- 'E' - WB14B2-EXT-EXPIRED

STATUS CODES OF 'C' AND 'E' ARE USED WHEN THE WB14B2 IS SET TO BE MOVED TO WB14B2 SEGMENT.

WB14B2-EXT-CANCELLED-REASON

PIC X(01).

THIS IS A REASON CODE WHY THE WB14B2 EXTENSION IS NO LONGER APPLICABLE OR VALID.

- 'T' WB14B2-EXT-INJECTION-WELL

VALUE 'T'.

'P' WB14B2-EXT-PRODUCING-WELL VALUE 'P'.
'G' WB14B2-EXT-PLUGGED-WELL VALUE 'G'.
'S' WB14B2-EXT-SERVICE-WELL VALUE 'S'.
'O' WB14B2-EXT-CANCELLED-OTHER VALUE 'O'.

WB14B2-EXT-APPROVED-DATE

THIS DATA ITEM IS A 8 CHARACTER (CCYYMMDD) DATE REFLECTING THE DATE THE WB14B2 EXTENSION WAS APPROVED. ONCE SET IT REMAINS EVEN IF THE STATUS IS LATER CHANGED.

WB14B2-EXT-EXP-DATE.

THIS DATA ITEM IS A 8 CHARACTER (CCYYMMDD) DATE REFLECTING THE DATE THE WB14B2 EXTENSION IS SCHEDULED TO EXPIRE. FOR BONDED OPERATORS THIS DATE IS THE DAY THEY ARE SCHEDULED TO BECOME P5 DELINQUENT IF THEY DO NOT REFILE. FOR W1X OPERATORS THIS DATA IS USUALLY ONE YEAR FROM THE LAST DAY OF THE MONTH IN WHICH THEY HAVE FILED FORM W1X. THIS DATE IS MODIFIABLE IN THE NEW 14B2 SYSTEM.

WB14B2-EXT-DENIED-DATE.

THIS DATA ITEM IS A 8 CHARACTER (CCYYMMDD) DATE REFLECTING THE DATE THE WB14B2 EXTENSION WAS APPROVED. ONCE SET IT REMAINS EVEN IF THE STATUS IS LATER CHANGED.

WB14B2-EXT-HIST-DATE.

THIS DATA ITEM IS A 8 CHARACTER (CCYYMMDD) DATE REFLECTING THE DATE THE WB14B2 EXTENSION IS NO LONGER APPLICABLE (EXPIRED, CANCELLED, ETC) AND THE WB14B2 SEGMENT IS MOVED TO EX4B2HS SEGMENT.

WB14B2-WELL-VIOLATIONS.

THESE DATA ITEMS ARE ONE BYTE VIOLATION CODES THAT WOULD CAUSE AN 14B2 EXTENSION TO BE DENIED. WITH THE EXCEPTION OF THE LACKING BOND VIOL ALL VIOLATIONS ARE APPLICABLE TO BOTH W1X AND BONDED OPERATORS. EACH VIOLATION HAS THEIR OWN ALPHA CODE AS FOLLOWS.

'H' - WB14B2-MECH-INTEG-VIOL-FLAG
'M' - WB14B2-PLUG-ORDER-SF-HOLD-FLAG
'P' - WB14B2-POLLUTION-VIOL-FLAG
'F' - WB14B2-FIELD-OPS-HOLD-FLAG
'V' - WB14B2-H15-PROBLEM-FLAG
'X' - WB14B2-H15-NOT-FILED-FLAG
'O' - WB14B2-OPER-DELQ-FLAG
'K' - WB14B2-DISTRICT-HOLD-SFP-FLAG
'T' - WB14B2-DIST-SF-CLEAN-UP-FLAG
'M' - WB14B2-DIST-STATE-PLUG-FLAG
'R' - WB14B2-GOOD-FAITH-VIOL-FLAG
'Q' - WB14B2-WELL-OTHER-VIOL-FLAG

'S' - WB14B2-W3C-SURF-EQP-VIOL-FLAG

'W' - WB14B2-W3X-VIOL-FLAG

WB14B2-HB2259-W3X-OPTIONS.

THIS GROUP OF DATA ITEMS REFLECT THE OPTIONS, OF WHICH THE OPERATOR MUST MEET AT LEAST ONE TO FULFILL THE HB2259 REQUIREMENTS.

WB14B2-HB2259-W3X-PTE - THE COMPANY HAS CLAIMED IT IS A PUBLICLY TRADED ENTITY. SEC FORMS RECEIVED

WB14B2-HB2259-W3X-10PCT - THE OPERATOR HAS PLUGGED 10% OF THE INACTIVE WELLS SINCE LAST P5 MAILOUT NOTICE

WB14B2-HB2259-W3X-BONDING - A BOND WAS FILED FOR THIS WELL COVERING THE PLUGGING COST CALCULATION.

WB14B2-HB2259-W3X-H13-EOR - THE WELL IS IN A FIELD OR LEASE DESIGNATED ENHANCED OIL RECOVERY PROJECT

WB14B2-HB2259-W3X-AOP - THE WELL HAS A ABEYANCE OF PLUGGING DOCUMENT ON FILE

WB14B2-HB2259-W3X-MIT - A H15 MIT TEST, NOT OTHERWISE REQUIRED, HAS BEEN CONDUCTED SUCCESSFULLY

WB14B2-HB2259-W3X-ESCROW - AN ESCROW ACCOUNT HAS BEEN CREATED TO COVER THE PLUGGING COST CALCULATION OF THIS WELL.

WB14B2-W3X-FILING-KEY - AN INTERNAL KEY THAT POINTS TO THE P5 DATABASE CONTAINING W3X FINANCIAL ASSURANCE INFORMATION

WB14B2-W3X-AOP-RECEIVED-DATE - THE RECEIVED DATE OF FORM AOP

WB14B2-W3X-AOP-FEE-RCVD-DATE - THE RECEIVED DATE OF THE AOP FEE. A FEE IS REQUIRED YEARLY, IF THIS W3X OPTION IS CHOSEN

WB14B2-W3X-H15-FEE-RCVD-DATE - THE RECEIVED DATE OF THE H15 FEE. A FEE IS REQUIRED YEARLY, IF THIS W3X OPTION IS CHOSEN

WB14B2-W3X-ESCROW-FUNDS - THE AMOUNT OF ESCROW FUNDS RECEIVED IS THE ESCROW W3X OPTION HAS BEEN CHOSEN.

WB14B2-60-DAY-LETTER-FLAG

THIS DATA ITEM IS SET TO 'Y' WHEN THE 60 DAY RENEWAL IS SENT TO THE OPERATOR WHOSE 14B2 EXTENSION IS SCHEDULED TO EXPIRE IN 60 DAYS.

WB14B2-W1X-36-NEEDS-BOND-FLAG

APPLICABLE ONLY TO W1X FILERS REQUESTING AN EXTENSION FOR

WELLS SHUT IN FOR MORE THAN 36 MONTH.

WB14B2-W1X-36-TYPE-COVERAGE

APPLICABLE ONLY TO W1X FILERS REQUESTING AN EXTENSION FOR WELLS SHUT IN FOR MORE THAN 36 MONTH.

'B' - BOND

'L' - LETTER OF CREDIT

WB14B2-W1X-36-AMT-FILED

APPLICABLE ONLY TO W1X FILERS REQUESTING AN EXTENSION FOR WELLS SHUT IN FOR MORE THAN 36 MONTH.

AMOUNT OF BOND/LOC FILED TO COVER THE COST OF PLUGGING THE WELLBORE. THE REQUIRED AMOUNT IS COMPUTED BASED ON WBROOT DATA CONCERNING DEPTH AND/OR PLUGGING AMOUNTS.

WB14B2-W1X-36-SURETY

APPLICABLE ONLY TO W1X FILERS REQUESTING AN EXTENSION FOR WELLS SHUT IN FOR MORE THAN 36 MONTHS.

A FIVE DIGIT NUMBER IDENTIFYING THE BANK/SURETY NUMBER BACKING THE BOND OR LETTER OF CREDIT.

WB14B2-W1X-36-EXP-DATE

APPLICABLE ONLY TO W1X FILERS REQUESTING AN EXTENSION FOR WELLS SHUT IN FOR MORE THAN 36 MONTH.

THIS DATA ITEM IS THE EXPIRATION DATE OF THE BOND OR LOC. (REQUIRED DATA ITEM FOR L.O.C.)

WB14B2-W1X-36-BOND-NUMBER

APPLICABLE ONLY TO W1X FILERS REQUESTING AN EXTENSION FOR WELLS SHUT IN FOR MORE THAN 36 MONTH.

THE IDENTIFYING NUMBER OF THE BOND OR LOC USED.

* WBW701A8 WELL BORE *
* WELL BORE H-15 SEGMENT *

* SEGMENT NAME: WBH15 SEGLENGTH: 150 *

* THIS SEGMENT REOCCURS *

FUNCTION	SOURCE	SSA NAME	OPTION
-----	-----	-----	-----
SEGMENT KEY	WB-H15-DATE-KEY	WBH15KEY	UNIQUE
SEARCH	WB-H15-OPERATOR	WBH15OPR	
SEARCH	WB-H15-STATUS	WBH15STA	
SEARCH	WB-H15-DIST	WBH15DST	
SEARCH	WB-H15-TYPE-TEST-FLAG	WBH15TST	
SEARCH	WB-H15-NEXT-TEST-DUE-DATE	WBH15NXT	

01 RAILROAD-COMMISSION-TAPE-REC.			POS.
02 RRC-TAPE-RECORD-ID	PIC X(02).		1
02 WELL-BORE-H15-RECORD.			
03 WB-H15-DATE-KEY	PIC 9(08)	VALUE ZEROS.	3
03 WB-H15-STATUS	PIC X(01)	VALUE SPACE.	11
88 WB-H15-APPROVED		VALUE 'A'.	
88 WB-H15-COMPLIANT		VALUE 'C'.	
88 WB-H15-DELINQUENT		VALUE 'D'.	
88 WB-H15-NOT-APPROVED		VALUE 'N'.	
88 WB-H15-APPROVAL-PENDING		VALUE 'P'.	
88 WB-H15-W3A-EXTENSION		VALUE 'W'.	
88 WB-H15-UIC		VALUE 'U'.	
88 WB-H15-NO-TEST-PROJ-EXT		VALUE 'E'.	
88 WB-H15-W1X-DENIED		VALUE 'X'.	
03 WB-H15-OPERATOR	PIC 9(06)	VALUE ZEROS.	12
03 WB-H15-NEXT-TEST-DUE-DATE.			
05 WB-NEXT-TEST-CCYY	PIC 9(04)	VALUE ZEROS.	18
05 WB-NEXT-TEST-MM	PIC 9(02)	VALUE ZEROS.	22
03 WB-H15-DISTRICT	PIC 9(02)	VALUE ZEROS.	24
03 WB-H15-FIELD	PIC 9(08)	VALUE ZEROS.	26
03 WB-H15-HIST-WELLBORE-FLAG	PIC X(01)	VALUE SPACES.	34
88 WB-H15-HIST-DRILLING		VALUE 'D'.	
88 WB-H15-HIST-EARLY-COMPL		VALUE 'C'.	
03 WB-H15-HIST-WELL-CCYYMMDD.			
05 WB-H15-HIST-WELL-CC	PIC 9(02)	VALUE ZEROS.	35
05 WB-H15-HIST-WELL-DATE.			
10 WB-H15-HIST-WELL-YY	PIC 9(02)	VALUE ZEROS.	37
10 WB-H15-HIST-WELL-MM	PIC 9(02)	VALUE ZEROS.	39
10 WB-H15-HIST-WELL-DD	PIC 9(02)	VALUE ZEROS.	41
03 WB-H15-W1X-WELL	PIC X(01)	VALUE SPACES.	43
03 WB-H15-OIL-GAS-CODE	PIC X(01)	VALUE SPACES.	44
88 WB-H15-GAS-WELL		VALUE 'G'.	
88 WB-H15-OIL-WELL		VALUE 'O'.	
03 WB-H15-LEASE-NBR	PIC 9(05)	VALUE ZEROS.	45

03	WB-H15-WELL-NBR	PIC X(06)	VALUE SPACES.	50
03	WB-H15-GASID-NBR	PIC 9(06)	VALUE ZEROS.	56
03	WB-H15-TEST-DATE.			
05	WB-H15-TEST-YEAR.			
10	WB-H15-TEST-CC	PIC 9(02)	VALUE ZEROS.	62
10	WB-H15-TEST-YY	PIC 9(02)	VALUE ZEROS.	64
05	WB-H15-TEST-MM	PIC 9(02)	VALUE ZEROS.	66
05	WB-H15-TEST-DD	PIC 9(02)	VALUE ZEROS.	68
03	WB-H15-BASE-USABLE-WATER	PIC 9(06)	VALUE ZEROS.	70
03	WB-H15-TYPE-TEST-FLAG	PIC X(01)	VALUE ZEROS.	76
88	WB-H15-FLUID-TEST		VALUE 'F'.	
88	WB-H15-MECH-INTEG-TEST		VALUE 'M'.	
03	WB-H15-TOP-OF-FLUID	PIC 9(06)	VALUE ZEROS.	77
03	WB-H15-FLUID-TEST-FLAG	PIC X(01)	VALUE SPACES.	83
88	WB-H15-FLUID-WIRE		VALUE 'W'.	
88	WB-H15-FLUID-SONIC		VALUE 'S'.	
88	WB-H15-FLUID-VISUAL		VALUE 'V'.	
88	WB-H15-FLUID-OTHER		VALUE 'O'.	
03	WB-H15-MECH-INTEG-TEST-FLAG	PIC X(01)	VALUE SPACE.	84
88	WB-H15-MECH-HYDRAULIC		VALUE 'H'.	
88	WB-H15-MECH-INTEG-OTHER		VALUE 'O'.	
03	WB-H15-MECH-TEST-REASON-FLAG	PIC X(01)	VALUE SPACE.	85
88	WB-H15-MECH-SUBSTITUTE		VALUE 'A'.	
88	WB-H15-MECH-14B2-REQUIRE		VALUE 'B'.	
03	WB-H15-ALTERNATE-TEST-PERIOD	PIC 9(02)	VALUE ZEROS.	86
03	WB-H15-OTHER-MIT-TEST-TYPE	PIC X(20)	VALUE SPACES.	88
03	WB-H15-STATUS-DATE.			
05	WB-H15-STATUS-CC	PIC 9(02)	VALUE ZEROS.	108
05	WB-H15-STATUS-YY	PIC 9(02)	VALUE ZEROS.	110
05	WB-H15-STATUS-MM	PIC 9(02)	VALUE ZEROS.	112
05	WB-H15-STATUS-DD	PIC 9(02)	VALUE ZEROS.	114
03	WB-H15-NO-DATE-WELL-FLAG	PIC X(01)	VALUE SPACES.	116
88	WB-H15-NO-DATE-WELL		VALUE 'Y'.	
03	WB-H15-RECORD-FROM-EDI-FLAG	PIC X(01)	VALUE SPACES.	117
88	WB-H15-RECORD-FROM-EDI		VALUE 'Y'.	
03	WB-H15-KEYED-DATE.			
05	WB-H15-KEYED-CC	PIC 9(02)	VALUE ZEROS.	118
05	WB-H15-KEYED-YY	PIC 9(02)	VALUE ZEROS.	120
05	WB-H15-KEYED-MM	PIC 9(02)	VALUE ZEROS.	122
05	WB-H15-KEYED-DD	PIC 9(02)	VALUE ZEROS.	124
03	WB-H15-CHANGED-DATE.			
05	WB-H15-CHANGED-CC	PIC 9(02)	VALUE ZEROS.	126
05	WB-H15-CHANGED-YY	PIC 9(02)	VALUE ZEROS.	128
05	WB-H15-CHANGED-MM	PIC 9(02)	VALUE ZEROS.	130
05	WB-H15-CHANGED-DD	PIC 9(02)	VALUE ZEROS.	132
03	WB-H15-PREVIOUS-STATUS	PIC X(01)	VALUE SPACE.	134
03	WB-H15-UIC-TEST-FLAG	PIC X(01)	VALUE SPACE.	135
88	WB-H15-UIC-H5-TEST		VALUE 'U'.	
03	WB-H15-2YRS-APPROVED-FLAG	PIC X(01)	VALUE SPACE.	136
88	WB-H15-2YRS-APPROVED		VALUE 'Y'.	

03 WB-H15-MAIL-HOLD-FLAG	PIC X(01)	VALUE SPACE.	137
88 WB-H15-MAIL-HOLD		VALUE 'Y'.	
03 WB-H15-10YR-INACTIVE-FLAG	PIC X(01)	VALUE SPACES.	138
03 WB-H15-W3X-WELL-FLAG	PIC X(01)	VALUE SPACE.	139
88 WB-H15-W3X-WELL		VALUE 'Y'.	
03 FILLER	PIC X(13)	VALUE ZEROS.	140
02 RRC-TAPE-FILLER	PIC X(0095).		153

```

*****
*                               WELL BORE                               *
*                               WELL BORE H-15 SEGMENT                   *
*****

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WELL-BORE-H15-record.

WB-H15-DATE-KEY

Derived by subtracting the mailing date for the H-15 Listing from 999999999. This provides us with a date key placing the

RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
23	Well Bore H-15 Information most current segment in the first position encountered when reading the data base.

WB-H15-STATUS

This is a flag used to indicate the status of the 25+ year old inactive wellbore relative to H-15 test requirements.

Valid conditions for WB-H15-STATUS:

- A - H15 filed was APPROVED
- C - Wellbore status has changed and bore is now COMPLIANT
- D - H15 is DELINQUENT
- N - H15 was filed but not APPROVED
- P - H15 APPROVAL is PENDING
- W - A W3A plugging extension was filed for the wellbore
- H - UIC H5 Violation
- X - Denied W!X application due to invalid H5 Test.

WB-H15-OPERATOR

The operator that filed the original H-15.

WB-H15-NEXT-TEST-DUE-DATE

The date the next H-15 is due for the wellbore.

WB-H15-DISTRICT

The district the wellbore is located in.

WB-H15-FIELD

The field the wellbore is located in.

WB-H15-HIST-WELLBORE-FLAG

The source of the historical wellbore date:

- D - Drilling Permit
- C - Earliest Completion

WB-H15-HIST-WELL-CCYYMMDD

Oldest wellbore date on RRC files.

WB-H15-w1x-well

?????????

WB-H15-OIL-GAS-CODE

Type of lease filed on the H-15:

G - Gas Well

O - Oil Well

WB-H15-LEASE-NBR

Lease number filed on the H-15 if oil lease.

WB-H15-WELL-NBR

Well number filed on the H-15.

WB-H15-GASID-NBR

Gas id filed on the H-15 if gas well.

WB-H15-TEST-DATE

Date the test on the wellbore was conducted.

WB-H15-BASE-USABLE-WATER

The bottom of the deepest usable water in the bore area. This is determined by the Texas Water Commission.

WB-H15-TYPE-TEST-FLAG

Type of test conducted on the wellbore:

F - Fluid Level Test

M - Mechanical Integrity Test

WB-H15-TOP-OF-FLUID

Top of fluid in the wellbore if fluid level test conducted.

WB-H15-FLUID-TEST-FLAG

Type of fluid level test conducted:

W - Wire Line Test

S - Sonic Survey

V - Visual Test

WB-H15-MECH-INTEG-TEST-FLAG

Type of mechanical integrity test conducted:

H - Hydraulic Pressure

O - Other

WB-H15-MECH-TEST-REASON-FLAG

Reason mechanical integrity test conducted:

A - Substitute for fluid level test

B - Required by statewide rule 14(b)(2)

WB-H15-ALTERNATE-TEST-PERIOD

Number of years the mechanical integrity test is good for if different than the standard 5 years.

WB-H15-OTHER-MIT-TEST-TYPE

Type of mechanical integrity test conducted if not hydraulic pressure.

WB-H15-status-date

Date the current status of the H-15 was assigned.

WB-H15-NO-DATE-WELL-FLAG

Indicates that the wellbore has no historic date on RRC records and that the operator will have 2 years from the mail date to test the wellbore before the H-15 is due.

WB-H15-RECORD-FROM-EDI-FLAG

Indicates that the H-15 record was filed electronically.

WB-H15-KEYED-DATE

Indicates when the H-15 record was keyed into the system.
(CCYYMMDD format).

WB-H15-CHANGED-DATE

Indicates when the H-15 record was modified.

WB-H15-PREVIOUS-STATUS

Indicates previous status.

WB-H15-UIC-TEST-FLAG

Indicates UIC Test.

WB-H15-MAIL-HOLD-FLAG.

If set to 'Y' then mail was held

WB-H15-10YR-INACTIVE-FLAG

Indicates if the wellbore has been Inactive for 10 years or more when the Form H15 notice was sent out.

* WBW701B1 *

* THIS COPY IS USED FOR THE WELLBORE DATABASE'S *

* WBH15 REMARKS SEGMENT *

* *

* *

* SEGMENT NAME: WBH15RMK RECORD LENGTH: 80 BYTES *

* ----- *

* VARIABLE | TYPE | SSA *

* NAME | NAME *

* ----- *

* WB-H15-REMARK-KEY | KEY | WBH15RKY *

* ----- *

01 RAILROAD-COMMISSION-TAPE-REC. POS.

02 RRC-TAPE-RECORD-ID PIC X(02). 1

02 WB-H15-REMARKS-SEGMENT.

03 WB-H15-REMARK-KEY PIC 9(03) VALUE ZEROS. 3

03 WB-H15-REMARK-TEXT PIC X(70) VALUE SPACES. 6

03 FILLER PIC X(07) VALUE ZEROS. 76

02 RRC-TAPE-FILLER PIC X(0165). 83


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*****
*                               WELL BORE                               *
*                               WBH15 REMARKS SEGMENT                    *
*****

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WB-H15-REMARKS-SEGMENT.

WELL-BORE-API-ROOT.

WB-H15-REMARK-KEY.

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

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

RRC ID	
Value	Tape Record Description
24	Well Bore H-15 Remarks

A unique number assigned to a remark segment for a given wellbore.

WB-H15-REMARK-TEXT.

The actual text of the remark.

```

*****
* WBW701C1
*
* WELL BORE
* SENATE BILL 126 SEGMENT
*
* SEGMENT NAME: WBSB126 RECORD LENGTH: 60 BYTES
*
* *NON-RECURRING SEGMENT*
*****
01 RAILROAD-COMMISSION-TAPE-REC. POS.
02 RRC-TAPE-RECORD-ID PIC X(02). 1
02 WB-SB126-SEGMENT.
05 WB-SB126-DESIGNATION-FLAG VALUE ZEROS PIC X(1). 3
88 WB-SB126-AUTO-DESIGNATED VALUE 'A'.
88 WB-SB126-MANUAL-DESIGNATED VALUE 'M'.
05 WB-SB126-DESIG-EFFECTIVE-DATE.
10 WB-SB126-DESIG-EFFEC-CCYY.
15 WB-SB126-DESIG-EFFEC-CC VALUE ZEROS PIC 9(2). 4
15 WB-SB126-DESIG-EFFEC-YY VALUE ZEROS PIC 9(2). 6
10 WB-SB126-DESIG-EFFEC-MM VALUE ZEROS PIC 9(2). 8
05 WB-SB126-DESIG-REVISED-DATE.
10 WB-SB126-DESIG-REVISED-CC VALUE ZEROS PIC 9(2). 10
10 WB-SB126-DESIG-REVISED-YY VALUE ZEROS PIC 9(2). 12
10 WB-SB126-DESIG-REVISED-MM VALUE ZEROS PIC 9(2). 14
05 WB-SB126-DESIG-LETTER-DATE.
10 WB-SB126-DESIG-LETTER-CC VALUE ZEROS PIC 9(2). 16
10 WB-SB126-DESIG-LETTER-YY VALUE ZEROS PIC 9(2). 18
10 WB-SB126-DESIG-LETTER-MM VALUE ZEROS PIC 9(2). 20
10 WB-SB126-DESIG-LETTER-DD VALUE ZEROS PIC 9(2). 22
05 WB-SB126-CERT-EFFECT-DATE.
10 WB-SB126-CERT-EFFEC-CC VALUE ZEROS PIC 9(2). 24
10 WB-SB126-CERT-EFFEC-YY VALUE ZEROS PIC 9(2). 26
10 WB-SB126-CERT-EFFEC-MM VALUE ZEROS PIC 9(2). 28
05 WB-SB126-CERT-REVOKED-DATE.
10 WB-SB126-CERT-REVOKED-CC VALUE ZEROS PIC 9(2). 30
10 WB-SB126-CERT-REVOKED-YY VALUE ZEROS PIC 9(2). 32
10 WB-SB126-CERT-REVOKED-MM VALUE ZEROS PIC 9(2). 34
10 WB-SB126-CERT-REVOKED-DD VALUE ZEROS PIC 9(2). 36
05 WB-SB126-CERT-DENIAL-DATE.
10 WB-SB126-CERT-DENIAL-CC VALUE ZEROS PIC 9(2). 38
10 WB-SB126-CERT-DENIAL-YY VALUE ZEROS PIC 9(2). 40
10 WB-SB126-CERT-DENIAL-MM VALUE ZEROS PIC 9(2). 42
10 WB-SB126-CERT-DENIAL-DD VALUE ZEROS PIC 9(2). 44
05 WB-SB126-DENIAL-REASON-FLAG VALUE ZEROS PIC X(1). 46
88 WB-SB126-DENIED-AUTO VALUE 'A'.
88 WB-SB126-DENIED-MANUAL VALUE 'M'.
05 FILLER VALUE ZEROS PIC X(16). 47
02 RRC-TAPE-FILLER PIC X(0185). 63

```

 * WELL BORE *
 * WELL BORE SENATE BILL 126 (2-YR INACTIVE PROGRAM) SEGMENT *

WB-SB126-SEGMENT.

WB-SB126-DESIGNATION-FLAG

'A' - THE WELLBORE WAS AUTOMATICALLY DESIGNATED FOR SENATE BILL
 126 BY THE MONTHLY COMPUTER RUN

 RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
25	Well Bore SB126 - 2 Yr Inactive

'M' - THE WELLBORE WAS MANUALLY DESIGNATED FOR SENATE BILL 126
 BY THE OPERATOR FILING AN ST-1 FORM.
 ZEROS OR SPACES - THE WELLBORE IS NOT DESIGNATED FOR SENATE BILL
 1975.

WB-SB126-DESIG-EFFECTIVE-DATE

THIS DATA ITEM IS A SIX CHARACTER DATE REPRESENTING THE FIRST
 DATE THE WELL BECOMES ELIGIBLE FOR CERTIFICATION FOR TAX
 EXEMPTION. FORMAT: CCYYMM

WB-SB126-DESIG-REVISED-DATE

THIS IS A MANUAL MODIFICATION FOR THE AUTOMATICALLY GENERATED
 WB-SB126-DESIG-EFFECTIVE-DATE. FORMAT: CCYYMM

WB-SB126-DESIG-LETTER-DATE

THIS IS A THE DATE THAT A LETTER WAS SENT TO NOTIFY THE OPERATOR
 THAT THIS WELLBORE IS A CANDIDATE FOR SENATE BILL 126
 CERTIFICATION. FORMAT: CCYYMMDD

WB-SB126-CERT-EFFECT-DATE

THIS DATA ITEM IS THE DATE THE WELLBORE WAS CERTIFIED TO RECEIVE
 A TAX CREDIT FOR SENATE BILL 126. FORMAT: CCYYMM

WB-SB126-CERT-REVOKED-DATE

DATE THE SENATE BILL 126 CERTIFICATION WAS REVOKED. FORMAT:
 CCYYMMDD

WB-SB126-CERT-DENIAL-DATE

DATE THE SENATE BILL 126 CERTIFICATION WAS DENIED. FORMAT:
 CCYYMMDD

WB-SB126-DENIAL-REASON-FLAG

THIS FLAG WILL BE SET TO 'A' IF IT WAS AUTOMATICALLY DENIED CERTIFICATION FOR SENATE BILL 126. THIS FLAG WILL BE SET TO 'M' IF IT WAS MANUALLY (ONLINE) DENIED CERTIFICATION FOR SENATE BILL 126. THIS FLAG WILL BE SET TO ZERO OR SPACE IF IT HAS NOT BEEN DENIED CERTIFICATION FOR SENATE BILL 126.

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*                                     WELL BORE                                     *
*                                     DRILLING PERMIT STATUS NUMBER                 *
*                                     (RECURRING)                                 *
* SEGMENT NAME: WBDASTAT                                                         *
*                                     FUNCTION          SOURCE          SSA NAME  | OPTION *
*-----          |-----          |-----  |----- *
* SEGMENT KEY     | WBDASTAT-NUMBER   | WBSTATUS | UNIQUE *
* SECONDARY INDX  | WBDASTAT-NUMBER   | XDASTAT  | UNIQUE *
*
*****
01 RAILROAD-COMMISSION-TAPE-REC. POS.
  02 RRC-TAPE-RECORD-ID PIC X(02). 1
  02 WBDASTAT-SEGMENT.
    03 WBDASTAT-NUMBER. 3
      05 WBDASTAT-STAT-NUM VALUE ZEROS PIC 9(07). 3
      05 WBDASTAT-UNIQ-NUM VALUE ZEROS PIC 9(02). 10
    03 WBDASTAT-DELETED-FLAG VALUE 'N' PIC X(01). 12
      88 WBDASTAT-DELETED VALUE 'Y'.
    03 FILLER VALUE ZEROS PIC X(10). 13
  02 RRC-TAPE-FILLER PIC X(0225). 23

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*****
*                               WELL BORE                               *
*                               DRILLING APPLICATION STATUS NUMBER      *
*****

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WBDASTAT-SEGMENT.

A WBDASTAT-SEGMENT RECORD OCCURS FOR EACH W-1 APPLICATION FILED WITH THE RAILROAD COMMISSION (RRC) THAT HAS NOT RESULTED IN THE ISSUANCE OF A PERMIT TO DRILL. THE REQUEST TO DRILL COULD BE PENDING, DELETED, OR DENIED.

RRC-TAPE-RECORD-ID

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

RRC ID

Value	Tape Record Description
26	Well Bore Drilling Permit Status

WBDASTAT-STAT-NUM.

THIS DATA ITEM CONTAINS A SEVEN-DIGIT NUMBER ASSIGNED TO EACH W-1 APPLICATION RECEIVED AT THE RRC.

WBDASTAT-UNIQ-NUM.

THIS DATA ITEM CONTAINS A TWO-DIGIT NUMBER ASSIGNED TO EACH WBDASTAT-STAT-NUM (SEE ABOVE). THIS NUMBER, USED INTERNALLY, IDENTIFIES EACH AMENDMENT TO AN APPLICATION AND MAKES THE AMENDMENT UNIQUE.

WBDASTAT-DELETED-FLAG.

THIS DATA ITEM CONTAINS A ONE DIGIT FLAG REPRESENTING IF THE DRILLING APPLICATION HAS BEEN DELETED. A VALUE OF 'Y' INDICATES THE DRILLING APPLICATION HAS BEEN DELETED.