

# **ST37 List of Wells in Alberta Layout Document**

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**Alberta Energy Regulator**  
ST37 List of Wells in Alberta

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# 1 Introduction

## 1.1 Overview

The intent of this manual is to describe the physical characteristics and data contents of the ST37 List of Wells in Alberta File.

## 1.2 Problem Resolution

If you encounter problems with this product, please email [inquiries@aer.ca](mailto:inquiries@aer.ca). Please identify the problem as one or both of the following:

- problems related to data
- other problems

## 1.3 Available Format

This product is available as a TXT, PDF, and Shapefile. However this layout is for the TXT file.

## 1.4 Confidentiality

The file is processed to exclude confidential data. Data are made available once they have been released from confidential status.

## 1.5 Disclaimer

The AER

- makes no representation, warranties, or guarantees, expressed or implied, for the fitness of the data file with respect to intended use;
- accepts no responsibility for any inaccuracies, errors, or omissions in the data file;
- accepts no responsibility for any costs incurred by a company to convert, install, or improve the data file; and
- makes no guarantee to the continuing availability of any data or the consistency of the format of transferred data.

## 2 File Specifications

Record length: maximum of 322

Availability: Monthly

<http://www.aer.ca/data-and-publications/statistical-reports/st37>

Sort sequence: ascending order by LOC-DESC

LOC-DESC

- TOWNSHIP
- MERIDIAN
- RANGE
- SECTION
- LEGAL SUBDIVISION
- LOCATION EXCEPTION
- EVENT SEQUENCE

### 3 Record Elements and Descriptions

#### 3.1 Record Elements and Descriptions

The following table lists the record elements that are available in the ST37 List of Wells in Alberta.

| Element name  | Element description   |
|---|---|
| UWI Display format  | Display format for the unique well identifier.                                    |
| UWI ID - Loc-Desc<br>Township<br>Meridian<br>Range<br>Section<br>LSD<br>Loc-Exception<br>Event-Sequence | Unique identifier for the well assigned by the AER to a licensed well event.      |
| Update-Flag   | This flag contains a space and is no longer used.                                 |
| Well-Name   | The official well name as it appears on the well license or an amendment thereof. |
| Field Code  | Unique identifier for the field.  |
| Pool Code   | Unique identifier for the pool.   |
| OS-Area- Code   | Unique identifier for the oil sands area.   |
| OS-Dep- Code  | Unique identifier for the oil sands deposit.                                      |
| License-No  | Unique number identifying the licence.  |

|                         |   |
|-------------------------|---|
| License-Status          | Current status of the licence. Reflects the administrative process of the licence such as Issued, amended, cancelled, abandoned, etc.   |
| License-Issue-Date      | Date licence was issued.  |
| Licensee-Code           | A code which uniquely identifies the business associate.  |
| Agent-Code              | A code which uniquely identifies another business associate that has been named in accordance with the Oil and Gas Conservation Act (OGCA) to act as an agent of the current licensee. If a licensee is not a resident within the Province of Alberta an agent who is a resident within the province of Alberta is required. The agent will be held accountable if the licensee is unable or unwilling to fulfill its responsibilities. |
| Operator-Code           | A code which uniquely identifies the business associate that submits production data to the AER via the Alberta Petroleum Registry. All production data submitted to the Registry is filed by the operator of the producing or injecting facility.  |
| Fin-Drl-Date            | Date the drilling rig was released after completing the coal hole.  |
| Well-Total-Depth        | The depth as measured from the kelly bushing along the well path to the bottom of the well (metres).  |
| Well-Stat-Code          | The current status of the order.  |
| Well-Stat-Date          | The effective date for the status.  |
| Fluid_Short_Description | The short description of the primary well fluid that a well produces or injects.  |
| Mode_Short_Description  | The short description of the mode of operation for the well.  |



|                             |  |
|-----------------------------|--|
| Type_Short_Description      | The short description of the purpose of the well.  |
| Structure_Short_Description | The short description of the well status structure. This indicates if a well is capable of production from more than one zone, if more than one zone has been completed and if these zones have been commingled. |
| Scheme_Type                 | The type of scheme.  |
| Scheme_Sub_Type             | The further qualification of the scheme type.  |

## 3.2 Record Elements

### 3.2.1 List of Wells in Alberta

Record length: 322

| Element number | Element name       | Starting position | Length | Format |
|----------------|--------------------|-------------------|--------|--------|
| 1              | UWI-DISPLAY-FORMAT | 1                 | 19     | X(19)  |
|                | TAB-FILLER         | 20                | 1      | X      |
| 2              | KEY-LIST-OF-WELLS  |                   |        |        |
|                | UWI-ID             |                   |        |        |
|                | LOC-DESC           |                   |        |        |
|                | TOWNSHIP           | 21                | 3      | 999    |
|                | MERIDIAN           | 24                | 1      | 9      |
|                | RANGE              | 25                | 2      | 99     |
|                | SEC                | 27                | 2      | 99     |
|                | LSD                | 29                | 2      | 99     |
|                | LOC-EXCEPTION      | 31                | 2      | XX     |
|                | EVENT-SEQ          | 33                | 1      | 9      |
|                | TAB-FILLER         | 34                | 1      | X      |
|                | UPDATE-FLAG        | 35                | 1      | X      |
| TAB-FILLER     | 36                 | 1                 | X      |        |
| 3              | WELL-NAME          | 37                | 36     | X(36)  |
|                | TAB-FILLER         | 73                | 1      | X      |

|    |                    |     |    |       |
|----|--------------------|-----|----|-------|
| 4  | FIELD-CODE         | 74  | 4  | 9(4)  |
|    | TAB-FILLER         | 78  | 1  | X     |
| 5  | POOL-CODE          | 79  | 7  | 9(7)  |
|    | TAB-FILLER         | 86  | 1  | X     |
| 6  | OS-AREA-CODE       | 87  | 4  | 9(4)  |
|    | TAB-FILLER         | 91  | 1  | X     |
| 7  | OS-DEP-CODE        | 92  | 7  | 9(7)  |
|    | TAB-FILLER         | 99  | 1  | X     |
| 8  | LICENSE-NO         |     |    |       |
|    | LICENSE-PREF       | 100 | 1  | X     |
|    | LICENSE-SEQ        | 101 | 7  | 9(7)  |
|    | LICENSE-SUFF       | 108 | 1  | X     |
|    | TAB-FILLER         | 109 | 1  | X     |
| 9  | LICENCE-STATUS     | 110 | 12 | X(12) |
|    | TAB-FILLER         | 122 | 1  | X     |
| 10 | LICENSE-ISSUE-DATE | 123 | 8  | 9(8)  |
|    | TAB-FILLER         | 131 | 1  | X     |
| 11 | LICENSEE-CODE      | 132 | 5  | X(5)  |
|    | TAB-FILLER         | 137 | 1  | X     |
| 12 | AGENT-CODE         | 138 | 5  | X(5)  |
|    | TAB-FILLER         | 143 | 1  | X     |
| 13 | OPERATOR-CODE      | 144 | 5  | X(5)  |
|    | TAB-FILLER         | 149 | 1  | X     |
| 14 | FIN-DRL-DATE       | 150 | 8  | 9(8)  |
|    | TAB-FILLER         | 158 | 1  | X     |
| 15 | WELL-TOTAL-DEPTH   |     |    |       |

|    |                             |     |    |                     |
|----|-----------------------------|-----|----|---------------------|
|    |                             | 159 | 8  | S9(4)V99            |
|    | TAB-FILLER                  | 167 | 1  | X                   |
| 16 | WELL-STAT-CODE              | 168 | 10 | 9(10)               |
|    | TAB-FILLER                  | 178 | 1  | X                   |
| 17 | WELL-STAT-DATE              | 179 | 8  | 9(8)                |
|    | TAB-FILLER                  | 187 | 1  | X                   |
| 18 | FLUID_SHORT_DESCRIPTION     | 188 | 20 | X(20)<br>Appendix 1 |
|    | TAB-FILLER                  | 208 | 1  | X                   |
| 19 | MODE_SHORT_DESCRIPTION      | 209 | 20 | X(20)<br>Appendix 2 |
|    | TAB-FILLER                  | 229 | 1  | X                   |
| 20 | TYPE_SHORT_DESCRIPTION      | 230 | 20 | X(20)<br>Appendix 3 |
|    | TAB-FILLER                  | 250 | 1  | X                   |
| 21 | STRUCTURE_SHORT_DESCRIPTION | 251 | 20 | X(20)<br>Appendix 4 |
|    | TAB-FILLER                  | 271 | 1  | X                   |
| 22 | SCHEME_TYPE                 | 272 | 25 | X(25)               |
|    | TAB-FILLER                  | 297 | 1  | X                   |
| 23 | SCHEME_SUB_TYPE             | 298 | 25 | X(25)               |

## Appendix 1 Well Status Code 'Fluid' Table

| Value | Short Description | Description                    |
|-------|-------------------|--------------------------------|
| 0     | N/A               | Not Applicable                 |
| 1     | CR-OIL            | CRUDE OIL                      |
| 2     | GAS               | GAS                            |
| 3     | OIL               | OIL                            |
| 4     | G-W               | GAS-WATER                      |
| 5     | UND               | UNDESIGNATED                   |
| 6     | WATER             | WATER                          |
| 7     | BRINE             | BRINE                          |
| 8     | WASTE             | WASTE                          |
| 9     | SOLV              | SOLVENT                        |
| 10    | STEAM             | STEAM                          |
| 11    | AIR               | AIR                            |
| 12    | SYN-CR            | SYNTHETIC CRUDE                |
| 13    | CO2               | CARBON DIOXIDE                 |
| 14    | POLYM             | POLYMER                        |
| 15    | N2                | NITROGEN                       |
| 16    | LPG               | LIQUID PETROLEUM GAS           |
| 17    | CR-BIT            | CRUDE BITUMEN                  |
| 18    | COND              | CONDENSATE                     |
| 19    | OXYGEN            | OXYGEN                         |
| 20    | ACID-G            | ACID GAS                       |
| 22    | CBMOT             | COALBED METHANE-COALS&OTH LITH |
| 23    | CBMCLS            | COALBED METHANE-COALS ONLY     |
| 24    | SHGOT             | SHALE GAS&OTHER SOURCES        |
| 25    | SHG               | SHALE GAS ONLY                 |
| 26    | CBMSOT            | CBM&SHALE&OTHER SOURCES        |
| 31    | HELIUM            | HELIUM                         |
| 50    | AN AMM            | ANHYDROUS AMMONIA              |
| 51    | CR O/B            | CRUDE OIL/BIT                  |
| 52    | NAPHTH            | NAPHTHA                        |
| 53    | PROPNE            | PROPANE                        |
| 54    | BUTANE            | BUTANES                        |
| 55    | ETHANE            | ETHANE                         |
| 56    | ETH +             | ETHANE PLUS                    |
| 57    | PENT +            | PENTANES PLUS                  |
| 58    | DIESEL            | DIESEL OIL                     |
| 59    | ALKH2O            | ALKALINE WATER                 |
| 60    | MICLAR            | MICELLAR                       |

|    |        |                  |
|----|--------|------------------|
| 61 | SKIM O | SKIM OIL         |
| 62 | SK EM  | SKIM EMULSION    |
| 63 | AMMNIT | AMMONIUM NITRATE |
| 64 | SRCWTE | SOURCE WATER     |
| 65 | SAND   | SAND             |
| 66 | ENTGAS | ENTRAINED GAS    |
| 98 | MISC   | MISCELLANEOUS    |

## Appendix 2 Well Status Code 'Mode' Table

| Value | Short Description | Description             |
|-------|-------------------|-------------------------|
| 0     | N/A               | Not Applicable          |
| 1     | SUSP              | SUSPENDED               |
| 2     | ABD               | ABANDONED               |
| 3     | ABZONE            | ABANDONED ZONE          |
| 4     | ABRENT            | ABANDONED & RE-ENTERED  |
| 5     | CAPPED            | CAPPED                  |
| 6     | POT               | POTENTIAL               |
| 7     | DRL&C             | DRILLED AND CASED       |
| 8     | J&A               | JUNKED & ABANDONED      |
| 9     | CLOSED            | CLOSED                  |
| 10    | FLOW              | FLOWING                 |
| 11    | PUMP              | PUMPING                 |
| 12    | GASLFT            | GAS LIFT                |
| 13    | TEST              | TESTING                 |
| 14    | ABDWHP            | ABANDONED & WHIPSTOCKED |
| 15    | D&COMP            | DRILLING AND COMPLETING |
| 16    | TSTCMP            | TEST COMPLETED          |
| 17    | PRESET            | PRESET                  |

### Appendix 3 Well Status Code 'Type' Table

| Value | Short Description | Description               |
|-------|-------------------|---------------------------|
| 0     | N/A               | Not Applicable            |
| 1     | REPRO.            | REPRODUCER                |
| 2     | STORG             | STORAGE                   |
| 3     | INJ               | INJECTION                 |
| 4     | DISP              | DISPOSAL                  |
| 5     | OBSERV            | OBSERVATION               |
| 6     | TRAIING           | TRAINING                  |
| 7     | EX.               | EXPERIMENTAL              |
| 8     | FARM              | FARM                      |
| 9     | INDUS             | INDUSTRIAL                |
| 10    | CYCL              | CYCLICAL                  |
| 11    | SOURCE            | SOURCE                    |
| 12    | SAGD              | STEAM ASSIS GRAVITY DRAIN |
| 14    | CAVERN            | LINKED TO A CAVERN        |



**Appendix 4 Well Status Code 'Structure' Table**

| Value | Short Description | Description    |
|-------|-------------------|----------------|
| 0     | N/A               | Not Applicable |
| 2     | 2Z                | DUAL ZONE      |
| 3     | 3Z                | TRIPLE ZONE    |
| 4     | 4Z                | FOUR ZONE      |
| 5     | COMMIN            | COMMINGLED     |
| 6     | DRAIN             | DRAIN          |