

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

**June 2018**

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

June, 2018

Published by  
**Alberta Energy Regulator**  
Suite 1000, 250 – 5 Street SW  
Calgary, Alberta  
T2P 0R4

Telephone: 403-297-8311  
Inquiries (toll free): 1-855-297-8311  
E-mail: [inquiries@aer.ca](mailto:inquiries@aer.ca)  
Website: [www.aer.ca](http://www.aer.ca)

## Contents

1	Introduction .....	1
1.1	Overview .....	1
1.2	Problem Resolution .....	1
1.3	Available Format.....	1
1.4	Confidentiality .....	1
1.5	Disclaimer .....	1
2	File Specifications.....	2
3	Record Elements and Descriptions .....	3
3.1	Record Elements and Descriptions .....	3
3.2	Record Elements .....	6
3.2.1	List of Wells in Alberta .....	6



# 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@er.ca](mailto:inquiries@er.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

<https://aer.ca/providing-information/data-and-reports/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 Township Meridian Range Section LSD Loc-Exception 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
	LICENCE-STATUS	110	12	X(12)
9	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) Appendix 1
	TAB-FILLER	208	1	X
19	MODE_SHORT_DESCRIPTION	209	20	X(20) Appendix 2
	TAB-FILLER	229	1	X
20	TYPE_SHORT_DESCRIPTION	230	20	X(20) Appendix 3
	TAB-FILLER	250	1	X
21	STRUCTURE_SHORT_DESCRIPTION	251	20	X(20) 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
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