

Alberta Mineral Information - Data Extracts

May 12th, 2014

Ver. No	Name	Date	Remarks / Changes to the Section
.32		Oct 25th, 2012	WS.WELDT: Zone Code, Code Table name WS.APWELDT: Zone Code, Code Table name AG.TERM: Term Years=4 AG.TAJD: Adjustment Years=4 ON.TERM: Term Years=4 WA.TERM: Term Years=4 RS.DTL: Total Area=12
.35		Jan 24, 2013	Modified UN.PAR for Tract Participant ID
.36		Sep 30, 2013	Modified WS.APUNIT to remove appendix type holding (DI 71138)
.47	Alex Strilets	Nov 18, 2013	Removed license groups and add earning wells (DI 76280)
.49	Vishal Sharma	May 12, 2014	Replaced Well Authorization To Crown Mineral Activity. (DI 76105)

Table of Contents

TABLE OF CONTENTS.....	3
ALBERTA MINERAL INFORMATION (AMI) – MINERAL AGREEMENTS DATA FILE.....	7
DC: DISCLAIMER	7
AG: MINERAL AGREEMENT RECORDS.....	8
AG.HDR.....	11
AG.DREP	12
AG.PAR (Multiple Occurrences are possible).....	12
AG.LTRD	13
AG.SEDP	13
AG.PMT	14
AG.ADB (Multiple Occurrences are possible)	14
AG.TERM	15
AG.TADJ (Multiple Occurrences are possible)	16
AG.RENT.....	17
AG.DFNOT	17
AG.LDAT	18
AG.GLMB.....	18
AG.SPROV.....	19
AG.OSARA (Multiple Occurrences are possible)	19
AG.AGLND (Multiple Occurrences are possible).....	20
AG.AGRGTS (Multiple Occurrences are possible)	21
AG.CNTOS.....	22
AG.OFFSET (Multiple Occurrences are possible)	22
AG.WELLAUTH (Multiple Occurrences are possible)	23
AG.ENCUMB (Multiple Occurrences are possible).....	23
AG.ADDENDA (Multiple Occurrences are possible).....	24
AG.ADDLND (Multiple Occurrences are possible)	25
AG.ADDRGTS (Multiple Occurrences are possible).....	26
AG.ADDRMK (Multiple Occurrences are possible).....	27
AG.WELLEVT (Multiple Occurrences are possible)	28
AG.UERNSEC (Multiple Occurrences are possible)	29
AG.RELAGR (Multiple Occurrences are possible).....	31
AG.UNTAGR (Multiple Occurrences are possible)	32
AG.WARN (Multiple Occurrences are possible).....	33
AG.RMK (Multiple Occurrences are possible).....	33
CR: Related Client Records (Multiple Occurrences are possible)	34
DR: Related DRRZD/ZD Records (Multiple Occurrences are possible).....	35
RC: Record Control	36
ALBERTA MINERAL INFORMATION (AMI) – OFFSET NOTICE DATA FILE.....	37
DC: DISCLAIMER	37
ON: OFFSET NOTICE RECORDS.....	38
ON.HDR	40

ON.DREP.....	41
ON.PAR (Multiple Occurrences are possible)	41
ON.TERM.....	42
ON.RELAGR (Multiple Occurrences are possible)	43
ON.WELLEVT	44
ON.ONLND (Multiple Occurrences are possible)	45
ON.ONRGTS (Multiple Occurrences are possible)	46
ON.WARN (Multiple Occurrences are possible)	47
ON.RMK (Multiple Occurrences are possible)	47
CR: Related Client Records (Multiple Occurrences are possible)	48
DR: Related DRRZD/ZD Records (Multiple Occurrences are possible)	49
RC: Record Control	50
ALBERTA MINERAL INFORMATION (AMI) – CROWN MINERAL ACTIVITY DATA FILE.....	51
DC: DISCLAIMER	51
WA: CROWN MINERAL ACTIVITIES RECORDS	52
WA.HDR.....	54
WA.DREP.....	55
WA.PAR (Multiple Occurrences are possible).....	56
WA.TERM.....	57
WA.RELAGR (Multiple Occurrences are possible).....	58
WA.WELLEVT.....	59
WA.WALND (Multiple Occurrences are possible).....	60
WA.WARGTS (Multiple Occurrences are possible).....	61
WA.WARN (Multiple Occurrences are possible).....	62
WA.RMK (Multiple Occurrences are possible).....	63
CR: Related Client Records (Multiple Occurrences are possible)	64
DR: Related DRRZD/ZD Records (Multiple Occurrences are possible)	65
RC: Record Control	66
ALBERTA MINERAL INFORMATION (AMI) – UNIT AGREEMENT DATA FILE	67
DC: DISCLAIMER	67
UN: UNIT AGREEMENTS RECORDS.....	68
UN.HDR	70
UN.OPR.....	71
UN.PAR (Multiple Occurrences are possible)	71
UN.KWEL (Multiple Occurrences are possible).....	72
UN.UNPE (Multiple Occurrences are possible).....	73
UN.UNPELND (Multiple Occurrences are possible)	74
UN.UNPERHTS (Multiple Occurrences are possible).....	75
UN.LNKAGR (Multiple Occurrences are possible).....	76
UN.WELLEVT (Multiple Occurrences are possible).....	77
UN.UNLND (Multiple Occurrences are possible)	78
UN.UNRGTS (Multiple Occurrences are possible).....	79
UN.RMK (Multiple Occurrences are possible)	80
CR: Related Client Records (Multiple Occurrences are possible)	80
DR: Related DRRZD/ZD Records (Multiple Occurrences are possible)	81
RC: Record Control	82
ALBERTA MINERAL INFORMATION (AMI) – DRRZD/ZD DATA FILE	83

DC: DISCLAIMER	83
DZ: DRRZD/ZD'S RECORDS	84
DZ.HDR	85
DZ.KWEL (Multiple Occurrences are possible).....	86
DZ.ZDLND (Multiple Occurrences are possible).....	87
DZ.RMK (Multiple Occurrences are possible).....	87
RC: Record Control	88
ALBERTA MINERAL INFORMATION (AMI) – MINERAL RESTRICTIONS DATA FILE	89
DC: DISCLAIMER	89
RS: MINERAL RESTRICTIONS RECORDS.....	90
RS.HDR	92
RS.DTL (Multiple Occurrences are possible)	93
RS.DTLTXT.....	94
RS.DTLCON	95
RS.DTLND (Multiple Occurrences are possible)	96
RS.DTRGT (Multiple Occurrences are possible)	97
RS.DTLRMK (Multiple Occurrences are possible).....	98
RS.RMK (Multiple Occurrences are possible).....	98
CR: Related Client Records (Multiple Occurrences are possible)	99
DR: Related DRRZD/ZD Records (Multiple Occurrences are possible).....	100
RC: Record Control	101
ALBERTA MINERAL INFORMATION (AMI) – MINERAL CLIENT UPDATES DATA FILE	102
DC: DISCLAIMER	102
CL: CLIENT UPDATE RECORDS	103
CL: Client Update Records (Multiple Occurrences are possible).....	104
CR: Related Client Records (Multiple Occurrences are possible)	104
RC: Record Control	105
ALBERTA MINERAL INFORMATION (AMI) – CODE TABLES DATA FILE	106
DC: DISCLAIMER	106
TA: Code Tables Records	107
TA.CODETABLERECORDS (Multiple Occurrences are possible).....	107
RC: Record Control	108
ALBERTA MINERAL INFORMATION (AMI) – WELL SPACING DATA FILE.....	109
DC: DISCLAIMER	109
WS: WELL SPACING RECORDS	110
WS.HDR	111
WS.WSAD (Multiple Occurrences are possible).....	112
WS.ADTX (Multiple Occurrences are possible)	112
WS.REFL (Multiple Occurrences are possible)	113
WS.RESTX	113
WS.WELDT (Multiple Occurrences are possible)	114
WS.APDIX (Multiple Occurrences are possible).....	115
WS.APLND (Multiple Occurrences are possible).....	116
WS.APRGTS (Multiple Occurrences are possible)	117
WS.APWELDT (Multiple Occurrences are possible).....	118
WS.APUNIT.....	119

WS.APSP	119
WS.APRESTX.....	120
WS. APTRDT	120
WS.APWARN (Multiple Occurrences are possible).....	121
WS.APRMK (Multiple Occurrences are possible).....	121
WS.WARN (Multiple Occurrences are possible)	122
WS.RMK (Multiple Occurrences are possible).....	122
CR: Related Client Records (Multiple Occurrences are possible).....	123
RC: Record Control	124
ALBERTA MINERAL INFORMATION (AMI) – CROWN MINERAL OWNERSHIP DATA FILE	125
DC: DISCLAIMER	125
CROWN MINERAL OWNERSHIP RECORDS	126
CM (Multiple Occurrences are possible).....	127
RC: Record Control	128
ALBERTA MINERAL INFORMATION (AMI) – MINERAL ENCUMBRANCE DATA FILE	129
DC: DISCLAIMER	129
MINERAL ENCUMBRANCE RECORDS	130
EN.HDR.....	132
EN.SERADD.....	133
EN.SECPAR (Multiple Occurrences are possible)	133
EN.SECNAM (Multiple Occurrences are possible).....	134
EN.LISPEN.....	134
EN.ENAGLND (Multiple Occurrences are possible).....	135
EN.ENAGRGT (Multiple Occurrences are possible).....	136
EN.RELREG (Multiple Occurrences are possible)	137
EN.DISREG (Multiple Occurrences are possible).....	137
EN.RMK (Multiple Occurrences are possible).....	138
CR: Related Client Records (Multiple Occurrences are possible).....	138
DR: Related DRRZD/ZD Records (Multiple Occurrences are possible).....	139
RC: Record Control	140
ALBERTA MINERAL INFORMATION (AMI) –DATA FILE NAME CONVENTION	141

Alberta Mineral Information (AMI) – Mineral Agreements Data File

AMI will create Complete and Partial Mineral Data Files. The Complete Data File will contain all the records in AMI, whereas the Partial Data File will contain the records that were created or updated in AMI, for a given time period (typically one day).

Mineral Agreements Data File contains the records for the following entities.

- Mineral Agreements (**AG**)

DC: Disclaimer

Description:

Standard disclaimer, required for all reports and extract for external clients.

Mapping:

RC, Text

Sample:

"DC", "NOTICE AND DISCLAIMER"
"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling of the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."

AG: Mineral Agreement Records

Description:

Any record which starts with AG, will be related to the Mineral Agreement. The second tag will define more information regarding that record.

Record Type	Description
DC: Disclaimer	Standard disclaimer, required for all reports and extract for external clients.
AG: Mineral Agreement Records	Any record which starts with AG, will be related to the Mineral Agreement. The second tag will define more information regarding that record.
AG.HDR	Agreement Header Information
AG.DREP	Agreement Designated Representative
AG.PAR	Agreement Participants
AG.LTRD	Agreement Last Transfer Information
AG.SEDP	Agreement Security Deposit
AG.PMT	Agreement Origin / Payment Data
AG.ADB	Agreement Additional Bonus
AG.TERM	Agreement Term Information
AG.TADJ	Agreement Term Adjustments
AG.RENT	Agreement Rental Information
AG.DFNOT	Agreement Default Notice
AG.LDAT	Agreement Land Related Data, i.e. additional attributes at Agreement Level.
AG.GLMB	Agreement Global Metes and Bounds
AG.SPROV	Agreement Special Provisions
AG.OSARA	Agreement Oil Sand Area, based on the Land Boundary it intersects.
AG.AGLND	Agreement Land along with the attributes
AG.AGRGTS	Agreement Rights for the given Tract
AG.CNTOS	Agreement Continuation Oil and Sand along with the attributes
AG.OFFSET	Related Offsets
AG.WELLAUTH	Related Crown Mineral Activities (Formally known as Well Authorizations)
AG.ENCUMB	Related Encumbrances
AG.ADDENDA	Agreement Addenda
AG.ADDLND	Addenda Land along with the attributes
AG.ADDRGTS	Addenda Rights
AG.ADDRMK	Addenda Remarks
AG.WELLEVT	Related Well Events

AG.UERNSEC	Agreement Unused Earned Sections Information
AG.CANC	Agreement Cancellation Information
AG.RELAGR	Related Agreements and Amendments
AG.UNTAGR	Related Unit Agreements
AG.WARN	Agreement Warnings
AG.RMK	Agreement Remarks
CR: Related Client Records	Related Mineral Clients, used on this extract.
DR: Related DRRZD/ZD Records	Related DRRZD/ZD's, used on this extract.
RC: Record Control	Record control will provide overall record count included in this extract, along with the extract creation date, start date and end date.

Sample Data:

"DC", "NOTICE AND DISCLAIMER"
"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling of the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."
"AG", "0040484050437", "HDR", "004", "AGRTYPE", "5", "ENSTATS", "2010/04/13 00:00:00", "AMEND_011", "WORKFLOWSTREAM", "N", "A"
"AG", "0040484050437", "DREP", "8042022", "001"
"AG", "0040484050437", "PAR", "0000751", 50.0000000
"AG", "0040484050437", "PAR", "8042022", 50.0000000
"AG", "0040484050437", "LTRD", "2002/03/22 00:00:00", "N"
"AG", "0040484050437", "SEDP", "9", "AGRSECDP", 9240.00
"AG", "0040484050437", "PMT", 12800.00, "C1", "AGRPYMT", "2010/04/13 00:00:00"
"AG", "0040484050437", "ADB", 12800.00, "C1", "AGRPYMAB", "2010/04/13 00:00:00"
"AG", "0040484050437", "TERM", "2010/04/13 00:00:00", 21, 00, 00, "2010/04/13 00:00:00", 2, "N", "CONTINUED TERM"
"AG", "0040484050437", "TADJ", "R", "AGRTMADJ", "2010/04/13 00:00:00", 9, "023", 01, 00, 00, "1985/07/24 00:00:00"
"AG", "0040484050437", "TADJ", "R", "AGRTMADJ", "1984/07/24 00:00:00", 9, "008", 01, 00, 00, "1981/01/08 00:00:00"

"AG", "0040484050437", "RENT", "2010/04/13 00:00:00", "2010/04/13
00:00:00", 19288.00, 1984.0000, 2880.0000, "Y"
"AG", "0040484050437", "DFNOT", "25", "AGRDFNOT", "2010/04/13 00:00:00"
"AG", "0040484050437", "LDAT", "Y", "04", "AGRLDCAT", 14, "LDPURPOS"
"AG", "0040484050437", "GLMB", "AND ALL STATUTORY ROAD ALLOWANCES LYING WITHIN
THE ABOVE DESCRIBED LANDS AS WELL AS THOSE PORTIONS OF THE ROAD ALLOWANCES
LYING TO THE WEST OF AND ADJOINING 22L12, TO THE SOUTH OF AND ADJOINING 28L2
AND TO THE WEST OF AND ADJOINING 35L5 IN 4-10-092"
"AG", "0040484050437", "SPROV", "IF AND WHENEVER THE LESSEE FAILS TO SUBMIT
EVIDENCE SATISFACTORY TO THE MINISTER OF HIS RIGHT TO PRODUCE NATURAL GAS
FROM THE FREEHOLD PORTION OF THE SPACING UNIT OF WHICH THE LOCATION IS A
PART, WITHIN THIRTY DAYS FROM THE DATE OF SENDING OF A NOTICE BY THE MINISTER
TO THE LESSEE REQUIRING HIM TO DO SO, THE MINISTER MAY CANCEL THE LEASE OR
CANCEL THE LEASE AS TO THE PART OF THE LOCATION WITHIN A QUARTER SECTION, OR
THE BALANCE OF THE SPACING UNIT, AS THE CASE MAY BE."
"AG", "0040484050437", "OSARA", "OIL SANDS AREA 1 - ATHABASCA - PETROLEUM IS
DEEMED TO BE OIL SANDS BETWEEN THE TOP OF THE VIKING FORMATION AND THE BASE
OF THE WOODBEND GROUP."
"AG", "0040484050437", "AGLND", "00", "4-25-055:16L08-SE-
NE", "RI", "RDALLOWTX", "P", "TBE", PMODTX, "PORTION(S) LYING OUTSIDE THE RAILWAY
RIGHT OF WAY.", 59.8000
"AG", "0040484050437", "AGLND", "00", "4-01-055:16L08-SE-
NW", "RI", "RDALLOWTX", "P", "TBE", PMODTX, "PORTION(S) LYING OUTSIDE THE RAILWAY
RIGHT OF WAY.", 64.0000
"AG", "0040484050437", "AGRGTS", "00", "15", "2010/04/13
00:00:00", "N", "44", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE", "00021", "04",
"ZONEQUAL", "1750", "ZONECODE", "00093"
"AG", "0040484050437", "OFFSET", "AAY", "AGRTYPE", "2010329685", "5", "ENSTATS", "201
0/04/13 00:00:00"
"AG", "0040484050437", "WELLAUTH", "WRE", "AGRTYPE", "01030115", "5", "ENSTATS", "201
0/04/13 00:00:00"
"AG", "0040484050437", "ENCUMB", "SN", "MENCTYPE", "9809646", "2010/04/13 00:00:00"
"AG", "0040484050437", "ADDENDA", "ADM 0001 01", "2010/04/13
00:00:00", "2010/04/13
00:00:00", "4", "RESTACCS", "P", "RESTSECR", "A", "RESACTV", "BIG HORN INDIAN
RESERVE #144A", "ENR 06", "0026", "8062103", "John Doe", "780-555-4444", "Mr"
"AG", "0040484050437", "ADDRMK", "ADM 0001 01", "46", "Remark Text"
"AG", "0040484050437", "WELLEVT", "ABWI100083002310W400", "0", "WLDELMTR", "GAS
ABANDONED"
"AG", "0040484050437", "UERNSEC", "ABWI102113407712W600", "02", "WLFLUID", "10", "WL
MODE", "00", "WLTYPE", "00", "WLSTRUCT", "0040484050437", "004", "AGRTYPE", 15.00, 10.
00, "0535398030011", "053", "AGRTYPE", 5.00
"AG", "0040484050437", "AGCANC", "02", "AGRCANCL", "2010/04/13 00:00:00"
"AG", "0040484050437", "UNTAGR", "085
220", 1288.000, 2, "ABUN02496", "ABUN02497"
"AG", "0040484050437", "WARN", "DEFAULT NOTICE DATE NOT > RENTAL PAID DATE"
"AG", "0040484050437", "RMK", "002", "Remark Text"
"CR", "0000050", "I.XL INDUSTRIES LTD", "ACTIVE", "2010/03/22
00:00:00", "002", "LANDT", "150 6 AVE SW PO BOX 2844, CALGARY AB T2P 3E3"
"DR", "D00093", "ABWI100083002310W400", "1960", "ZONECODE", 1780.00, 1790.00, "DIFGR
", "WLLOGTYP", "F", "Metes and Bounds Text"
"RC", "2010/05/15 14:49:38", "2010/05/01 00:00:00", "2010/06/15
00:00:00", 1000, 15, 2, 2

AG.HDR

Agreement Header Information.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Agreement Type Code	255
Code Table Name	30
Agreement Status Code	255
Status Code Table	30
Last Update Date/Time	19
Continuation Date/Time	19
Workflow Stream Code (formerly known as Transaction Type)	255
Workflow Code Table	30
Offset Compensation Flag	1
Record Status	1

Workflow Stream Code: Will be blank for complete extracts, since they will be used for partial updates only.

Record Status: Should department chooses to delete any agreement from the system due to any reason, record will be tagged in next incremental extract as record status D.

Sample:

"AG", "0040484050437", "HDR", "004", "AGRTYPE", "5", "ENSTATS", "2010/04/13 00:00:00", "1972/06/01 00:00:00", "AMEND_011", "WORKFLOWSTREAM", "N", "A"

AG.DREP

Agreement Designated Representative.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Client ID	7
Address ID	3

Sample:

"AG", "0040484050437", "DREP", "8042022", "001"

AG.PAR (Multiple Occurrences are possible)

Agreement Participants.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Client ID	7
Participation Percentage	11

Sample:

"AG", "0040484050437", "PAR", "0000751", 50.0000000

AG.LTRD

Agreement Last Transfer Information

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Last Transfer Date/Time	19
Transfer Pending Flag	1

Sample:

"AG", "0040484050437", "LTRD", "2002/03/22 00:00:00", "N"

AG.SEDP

Agreement Security Deposit

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Security Deposit Code	255
Security Deposit Code Table	30
Amount	12

Sample:

"AG", "0040484050437", "SEDP", "9", "AGRSECDP", 9240.00

AG.PMT

Agreement Origin / Payment Data

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Amount	12
Payment Origin Code	255
Payment Origin Code Table	30
Sale OC Date	19

Sample:

"AG", "0040484050437", "PMT", 12800.00, "C1", "AGRPYMT", "2010/04/13 00:00:00"

AG.ADB (Multiple Occurrences are possible)

Agreement Additional Bonus

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Amount	12
Additional Bonus Code	255
Additional Bonus Code Table	30
Sale OC Date	19

Sample:

"AG", "0040484050437", "ADB", 12800.00, "C1", "AGRPYMAB", "2010/04/13 00:00:00"

AG.TERM

Agreement Term Information

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Term Date	19
Term Years	4
Term Months	2
Term Days	2
Original Expiry Date/Time	19
Current Expiry Date/Time	19
Encumbrance Count	4
Conti Pending Flag	1
Agreement Vintage	50

Sample:

"AG", "001 628", "TERM", "1963/02/06 00:00:00", 10, 0, 0, "1973/02/06 00:00:00", "", "0", "N", "Continued"

AG.TADJ (Multiple Occurrences are possible)

Agreement Term Adjustments

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Adjustment Type	255
Adjustment Type Code Table	30
Adjustment Date	19
Count	4
Section Of Act	5
Adjustment Years	4
Adjustment Months	2
Adjustment Days	2
Adjustment Expiry Date	19

Sample:

"AG", "0040484050437", "TADJ", "R", "AGRTMADJ", "2010/04/13
00:00:00", 9, "023", 01, 00, 00, "1985/07/24 00:00:00"

AG.RENT

Agreement Rental Information

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Rental Paid To Date/Time	19
Rental Default Notice Date/Time	19
Rental Amount	12
Current Area	11
Original Area	11
Monthly Statement Flag	1

Sample:

"AG", "0040484050437", "RENT", "2010/04/13 00:00:00", "2010/04/13 00:00:00", 19288.00, 1984.0000, 2880.0000, "Y"

AG.DFNOT

Agreement Default Notice

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Default Notice Type Code	255
Code Table Name	30
Default Notice Date	19

Sample:

"AG", "0040484050437", "DFNOT", "25", "AGRDFNOT", "2010/04/13 00:00:00"

AG.LDAT

Agreement Land Related Data, i.e. additional attributes at Agreement Level.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Land Update Flag	1
Coal Category Code	255
Code Table Name	30
Land Purpose Code	255
Code Table Name	30

Sample:

"AG", "0040484050437", "LDAT", "Y", "04", "AGRLDCAT", 14, "LDPURPOS"

AG.GLMB

Agreement Global Metes and Bounds

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Global Metes and Bounds Text	4000

Sample:

"AG", "0040484050437", "GLMB", "AND ALL STATUTORY ROAD ALLOWANCES LYING WITHIN THE ABOVE DESCRIBED LANDS AS WELL AS THOSE PORTIONS OF THE ROAD ALLOWANCES LYING TO THE WEST OF AND ADJOINING 22L12, TO THE SOUTH OF AND ADJOINING 28L2 AND TO THE WEST OF AND ADJOINING 35L5 IN 4-10-092"

AG.SPROV

Agreement Special Provisions

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Special Provisions Text	4000

Sample:

"AG", "0040484050437", "SPROV", "IF AND WHENEVER THE LESSEE FAILS TO SUBMIT EVIDENCE SATISFACTORY TO THE MINISTER OF HIS RIGHT TO PRODUCE NATURAL GAS FROM THE FREEHOLD PORTION OF THE SPACING UNIT OF WHICH THE LOCATION IS A PART, WITHIN THIRTY DAYS FROM THE DATE OF SENDING OF A NOTICE BY THE MINISTER TO THE LESSEE REQUIRING HIM TO DO SO, THE MINISTER MAY CANCEL THE LEASE OR CANCEL THE LEASE AS TO THE PART OF THE LOCATION WITHIN A QUARTER SECTION, OR THE BALANCE OF THE SPACING UNIT, AS THE CASE MAY BE."

AG.OSARA (Multiple Occurrences are possible)

Agreement Oil Sand Area, based on the Land Boundary it intersects.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
OIL SAND Area Text	255

Sample:

"AG", "0040484050437", "OSARA", "OIL SANDS AREA 1 - ATHABASCA - PETROLEUM IS DEEMED TO BE OIL SANDS BETWEEN THE TOP OF THE VIKING FORMATION AND THE BASE OF THE WOODBEND GROUP."

AG.AGLND (Multiple Occurrences are possible)

Agreement Land along with the attributes

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Tract Number	2
Land Key	50
Land Qualifier Code	6
Code Table name	30
Portion Flag	1
Portion Modifier Code	255
Code Table Name	30
Land Metes and Bounds	4000
Deemed Area in Hectares	12

Sample:

"AG", "0040484050437", "AGLND", "00", "4-25-055:16L08-SE-NE", "RI", "RDALLOWTX", "P", "TBE", "PMDTX", "PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY.", 59.8000

AG.AGRGTS (Multiple Occurrences are possible)

Agreement Rights for the given Tract

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Tract Number	2
Section Of Act	5
Continued To Date	19
Excepting Flag	1
Substance Code	255
Code Table Name	30
From Qualifier Code	255
Code Table Name	30
From Zone Code	255
Code Table Name	30
From DRRZD/ZD	11
To Qualifier Code	255
Code Table Name	30
To Zone Code	255
Code Table Name	30
To DRRZD/ZD	11

Sample:

"AG", "0040484050437", "AGRGTS", "00", "15", "2010/04/13", "N",
"44", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE", "00021", "04", "ZONEQUAL", "17
50", "ZONECODE", "00093"

AG. CNTOS

Oil Sands Agreement Continuation along with the attributes

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Continuation Date/Time	19
Section of Act	5
Continued To Date/Time	19

Sample:

"AG", "0727279120T17", "CNTOS", "2000/12/01 00:00:00", "14", "9999/12/31 23:59:59"

AG.OFFSET (Multiple Occurrences are possible)

Related Offsets

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Offset Type Code	255
Code Table Name	30
Offset Number	10
Offset Status Code	255
Code Table Name	30
Offset Notice Date/Time	19

Sample:

"AG", "0040484050437", "OFFSET", "AAY", "AGRTYPE", "2010329685", "5", "ENSTATS", "2010/04/13 00:00:00"

AG.WELLAUTH (Multiple Occurrences are possible)

Related Crown Mineral Activities

*** Crown Mineral Activity was formally known as Well Authorization.**

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Crown Mineral Activity Type Code	255
Code Table Name	30
Crown Mineral Activity Number	10
Crown Mineral Activity Status Code	255
Code Table Name	30
Crown Mineral Activity Approval Date/Time	19

Sample:

"AG", "0040484050437", "WELLAUTH", "WRE", "AGRTYPE", "01030115", "5", "ENSTATS", "2010/04/13 00:00:00"

AG.ENCUMB (Multiple Occurrences are possible)

Related Encumbrances

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Encumbrance Type Code	255
Code Table Name	30
Registration Number	9
Registration Date	19

Sample:

"AG", "0040484050437", "ENCUMB", "SN", "MENCTYPE", "9809646", "2010/04/13 00:00:00"

AG.ADDENDA (Multiple Occurrences are possible)

Agreement Addenda

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Addendum ID	261
Effective Date/Time	19
Expiry Date/Time	19
Last Update Date/Time	19
Access Level Code	255
Code Table Name	30
Security Level Code	255
Code Table Name	30
Activity Type Code	255
Code Table Name	30
Addendum Name	255
Agency Code	255
Code Table Name	30
Addendum Text ID	4
Addendum Text	4000
Contact ID	4
Client ID	7
Client Address ID	3
Contact Full Name	150
Contact Phone Number	14
Contact Title	255

Sample:

"AG", "0545496090026", "ADDENDA", "CRG 0001 05", "1991/06/10 00:00:00", "", "2010/06/10 19:30:20", "2010/06/10 19:30:20", "3", "RESTACCS", "P", "RESTSECR", "A", "RESACTV", "CARIBOU RANGE", "WLF", "RESTAGCY", "16", "IS/ARE WITHIN AN IMPORTANT CARIBOU RANGE.", "F009", "8059620", "001", "SHARAD KARMACHARYA", "7808658267", "LAND MANAGEMENT PLANNER"

AG.ADDLND (Multiple Occurrences are possible)

Addenda Land along with the attributes

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Addenda ID	261
Land Key	50
Land Qualifier Code	6
Code Table name	30
Portion Flag	1
Portion Modifier Code	255
Code Table Name	30
Land Metes and Bounds	4000
Deemed Area in Hectares	12

Sample:

"AG", "0040484050437", "ADDLND", "ADM 0001 01", "4-25-055:16L08-SE-NW", "RI", "RDALLOWTX", "P", "TBE", "PMODTX", "PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY.", 59.8000

AG.ADDRGTS (Multiple Occurrences are possible)

Addenda Rights for the given Tract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Addenda ID	261
Excepting Flag	1
Substance Code	255
Code Table Name	30
From Qualifier Code	255
Code Table Name	30
From Zone Code	255
Code Table Name	30
From DRRZD	11
To Qualifier Code	255
Code Table Name	30
To Zone Code	255
Code Table Name	30
To DRRZD	11

Sample:

"AG", "0040484050437", "ADDRGTS", "ADM 0001
01", "N", "43", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE", "00004", "04", "ZONEQ
UAL", "1650", "ZONECODE", "00096"

AG.ADDRMK (Multiple Occurrences are possible)

Addenda Remarks

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Addenda ID	261
Remark Code	10
Code Table Name	30
Remark Text	4000

Sample:

"AG", "0040484050437", "ADDRMK", "ADM 0001 01", "46", "RMKTYPES", "Remark Text"

AG.WELLEVT (Multiple Occurrences are possible)

Related Well Events

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Well Event ID	20
Delimiter Code	255
Code Table Name	30
Well Event Status-Fluid	2
Code Table Name	30
Well Event Status-Mode	2
Code Table Name	30
Well Event Status-Type	2
Code Table Name	30
Well Event Status-Structure	2
Code Table Name	30

Sample:

"AG", "0040484050437", "WELLEVT"
, "ABWI102113407712W600", "4", "WLDELMTR", "02", "WLFLUID", "10", "WLMODE", "00", "WLT
YPE", "00", "WLSTRUCT"

AG.UERNSEC (Multiple Occurrences are possible)

Unused Earned Sections

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Well Event ID	20
Well Event Status-Fluid	2
Code Table Name	30
Well Event Status-Mode	2
Code Table Name	30
Well Event Status-Type	2
Code Table Name	30
Well Event Status-Structure	2
Code Table Name	30
Source Agreement ID	265
Source Agreement Type Code	255
Code Table Name	30
Earned Sections	10
Balance Un-Validated Sections	10
Validated Agreement ID	265
Validated Agreement Type Code	255
Code Table Name	30
Validated Sections	10

Sample:

"AG", "0545496100216", "UERNSEC", "ABWI100112609502W500", "00", "WLFLUID", "02", "WL
MODE", "00", "WLTYPE", "00", "WLSTRUCT", "0545496100216", "054", "AGRTYPE", 8.00, 2.00
, "0545496020073", "054", "AGRTYPE", 6.00

AG.CANC

Agreement Cancellation Information

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Cancellation Code	255
Code Table Name	30
Cancellation Date	19

Sample:

"AG", "0040484050437", "CANC", "02", "AGRCANCL", "2010/04/13 00:00:00"

AG.RELAGR (Multiple Occurrences are possible)

Related Agreements and Amendments

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Agreement Type Code	255
Code Table Name	30
Related Agreement ID	265
Related Agreement Type	255
Code Table Name	30
Related Agreement Status Code	255
Code Table Name	30
Amendment Date	19
Amendment Code	255
Code Table Name	30
Renewal Quantity	10
Amendment Area	12
Related Agreement Cancellation Code	255
Code Table Name	30
Related Agreement Cancellation Date/Time	19

Sample:

```
"AG", "0040484050437", "RELAGR", "001", "AGRTYPE", "001      1066"
, "001", "AGRTYPE", "5", "ENSTATS", "2010/04/13
00:00:00", "06", "RELAMEND", "2", 16.89, "06", "AGRCANCL", "2010/04/13 00:00:00"
```

AG.UNTAGR (Multiple Occurrences are possible)

Related Unit Agreements

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Unit Agreement ID	265
Unit Agreement Type	255
Code Table Name	30
Unit Agreement Name	255
Unit Area	12
Production Entity Count	10
PE ID#1	20
PE ID#2	20

Sample:

"AG", "001 628", "UNTAGR", "085 224", "085", "UNITTYPE", "EAST SWAN HILLS UNIT", 14976.0000, 1, "ABUN83191", ""

AG.WARN (Multiple Occurrences are possible)

Agreement Warnings

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Warning Text	255

Sample:

"AG", "0040484050437", "WARN", "DEFAULT NOTICE DATE NOT > RENTAL PAID DATE"

AG.RMK (Multiple Occurrences are possible)

Agreement Remarks

Mapping:

Data Element	Maximum Length of Data Element (in characters)
AG	2
Agreement ID	265
Record Type	30
Remark Code	255
Code Table Name	30
Remark Text	4000

Sample:

"AG", "001 699", "RMK", "042", "RMKTYPES", "2010/07/07 - 1003009
REGISTRATION NUMBER - TRANSFER PENDING "

CR: Related Client Records (Multiple Occurrences are possible)

Related Mineral Clients, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
CR	2
Client ID	7
Name	150
Corporate Status	12
Corporate Status Effective Date/Time	19
Address ID	3
Address Purpose Code	255
Address	262

Sample:

"CR", "1001181", "CONOCOPHILLIPS CANADA RESOURCES CORP.", "ACTIVE", "2010/01/05 00:00:00", "002", "LANDT", "401 9 AVE SW PO BOX 130 STN M, CALGARY, AB T2P 2C7"

DR: Related DRRZD/ZD Records (Multiple Occurrences are possible)

Related DRRZD/ZD's, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
DR	2
DRRZD/ZD ID	11
Key Well ID	20
Zone Code	255
Code Table Name	30
From Interval	9
To Interval	9
Log Type Code	255
Code Table Name	30
Measure	255
Metes and Bounds	4000

Sample:

"DR", "D00093", "ABWI100083002310W400", "1960", "ZONECODE", 1780.00, 1790.00, "DIFGR", "WLLOGTYP", "F", "Metes and Bounds Text"

RC: Record Control

Description:

Record control will provide overall record count; along with the break down information for each type of record that was updated, that is included in this extract, along with the extract creation date, start date, and end date.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RC	2
Creation Date/Time	19
Start Date/Time	19
End Date/Time	19
Total Record Count (excluding DC)	9
HDR Record Count	9
CR Record Count	9
DR Record Count	9

Sample:

"RC", "2002/03/22 00:00:00", "2002/01/01 00:00:00", "2002/03/01 00:00:00", 100, 15, 2, 2

Alberta Mineral Information (AMI) - Offset Notice Data File

AMI will create Complete and Partial Mineral Data Files. The Complete Data File will contain all the records in AMI, whereas the Partial Data File will contain the records that were created or updated in AMI, for a given time period (typically one day).

Offset Notice Data File contains the records for the following entities.

- Offset Notice (**ON**)

DC: Disclaimer

Description:

Standard disclaimer, required for any reports and extract for external clients.

Mapping:

RC, Text

Sample:

"DC", "NOTICE AND DISCLAIMER"

"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling or the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."

ON: Offset Notice Records

Description:

Any record which starts with ON, will be related to the Offset Notices Records. The second tag will define more information regarding that record.

Record Type	Description
DC: Disclaimer	Standard disclaimer, required for all reports and extract for external clients.
ON.HDR	Offset Notice header information
ON.DREP	Designated Representative on the Offset Notice, which is same as Des-Rep on the Agreement, offset is issued against
ON.PAR	Offset Notice Participants
ON.TERM	Offset Notice term information
ON.RELAGR	Offset Notice Related Agreements
ON.WELLEVT	Well Event Linked to the Offset Notice.
ON.ONLND	Land for Offset Notice
ON.ONRGTS	Rights for Offset Notice
ON.WARN	Warnings on Offset Notice
ON.RMK	Remarks on Offset Notice
CR: Related Client Records	Related Mineral Clients, used on this extract.
DR: Related DRRZD/ZD Records	Related DRRZD/ZD's, used on this extract.
RC: Record Control	Record control will provide overall record count included in this extract, along with the extract creation date, start date and end date.

Sample Data:

```
"ON", "AAY2010329685", "HDR", "AAY", "AGRTYPE", "7", "ENSTATS", "1989/03/10
00:00:00", "1989/09/10 00:00:00", "2009/05/04 15:28:08", "", "1990/10/01
00:00:00", "19", "AGRCANCL", 128.0000, "OFFSET_UPDATE", "WORKFLOWSTREAM", "A"
"ON", "AAY2010329685", "DREP", "8053772", "001"
"ON", "AAY2010329685", "PAR", "0000751", 50.0000000
"ON", "AAY2010329685", "TERM", 0, 03, 00
"ON", "AAY2010329685", "RELAGR", "001", "AGRTYPE", "001
1066", "5", "ENSTATS", 256.0000, "2001/04/13 00:00:00", "2009/04/13
00:00:00", "2010/04/13 00:00:00"
"ON", "
AAY2010329685", "WELLEVT", "ABWI100101302229W400", "F", "WLDELMTR", "02", "WLFLUID"
, "10", "WLMODE", "00", "WLTYPE", "00", "WLSTRUCT"
"ON", "AAY2010329685", "ONLND", "00", "4-25-055:16L08-SE-
NW", "RI", "RDALLOWTX", "P", "TBE", PMODTX, "PORTION(S) LYING OUTSIDE THE RAILWAY
RIGHT OF WAY.", 59.8000
```

"ON", "AAY2010329685", "ONRGTS", "00", "N", "43", "SUBSTNCE", "02", "ZONEQUAL", "1640"
,"ZONECODE", "00004", "04", "ZONEQUAL", "1650", "ZONECODE", "00096"
"ON", "AAY2010329685", "WARN", "DEFAULT NOTICE DATE NOT > RENTAL PAID DATE"
"ON", "AAY2010329685", "RMK", "002", "Remark Text"
"CR", "0000050", "I.XL INDUSTRIES LTD", "ACTIVE", "2010/03/22
00:00:00", "002", "LANDT", "150 6 AVE SW PO BOX 2844, CALGARY AB T2P 3E3"
"DR", "D00093", "ABWI100083002310W400", "1960", "ZONECODE", 1780.00, 1790.00, "DIFGR
", "WLOGTYP", "F", "Metes and Bounds Text"
"RC", "2010/06/15 14:49:38", "2010/05/01 00:00:00", "2010/06/15 00:00:00", 1000

ON.HDR

Offset Notice header information

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ON	2
Offset ID	265
Record Type	30
Offset Type Code	255
Code Table Name	30
Offset Status Code	255
Status Code Table	30
Offset Notice Date	19
Offset Expiry Date	19
Last Update Date	19
Offset Extension Expiry Date	19
Cancellation Date	19
Cancellation Type	255
Code Table Name	30
Offset Area	11
Workflow Stream Code	255
Workflow Code Table	30
Record Status	1

Workflow Stream Code: Will be blank for complete extracts, since they will be used for partial updates only.

Sample:

```
"ON", "AAY2010329685", "HDR", "AAY", "AGRTYPE", "7", "ENSTATS", "1989/03/10
00:00:00", "1989/09/10 00:00:00", "2009/05/04 15:28:08", "", "1990/10/01
00:00:00", "1989/03/10
00:00:00", "19", "AGRCANCL", 128.0000, "OFFSET_UPDATE", "WORKFLOWSTREAM", "A"
```


ON.DREP

Designated Representative on the Offset Notice, which is same as Des-Rep on the Agreement, offset is issued.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ON	2
Offset ID	265
Record Type	30
Client ID	7
Address ID	3

Sample:

"ON", "AAY2010329685", "DREP", "8053772", "001"

ON.PAR (Multiple Occurrences are possible)

Offset Notice Participants.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ON	2
Offset ID	265
Record Type	30
Client ID	7
Participation Percentage	11

Sample:

"ON", "AAY2010329685", "PAR", "0000751", 50.0000000

ON.TERM

Offset Notice term information

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ON	2
Offset ID	265
Record Type	30
Term Years	4
Term Months	2
Term Days	2

Sample:

"ON", "AAY2010329685", "TERM", 0, 03, 00

ON.RELAGR (Multiple Occurrences are possible)

Offset Related Agreement Information

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ON	2
Offset ID	265
Record Type	30
Agreement Type Code	255
Code Table Name	30
Agreement ID	265
Agreement Status Code	255
Code Table Name	30
Agreement Current Area	12
Agreement Term Date	19
Agreement Original Expiry Date	19
Agreement Continued-To Date or Current Expiry Date	19

Sample:

```
"ON", "AAY2010329685", "RELAGR", "001", "AGRTYPE", "001  

1066", "5", "ENSTATS", 256.0000, "2001/04/13 00:00:00", "2009/04/13  

00:00:00", "2010/04/13 00:00:00"
```

ON.WELLEVT

Well Event Linkage on the Offset Notice.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ON	2
Offset ID	265
Record Type	30
Well Event ID	20
Delimiter Code	255
Code Table Name	30
Well Event Status-Fluid	2
Code Table Name	30
Well Event Status-Mode	2
Code Table Name	30
Well Event Status-Type	2
Code Table Name	30
Well Event Status-Structure	2
Code Table Name	30

Sample:

```
"ON", "
AAY2010329685", "WELLEVT", "ABWI100101302229W400", "F", "WLDELMTR", "02", "WLFLUID"
, "10", "WLMODE", "00", "WLTYPE", "00", "WLSTRUCT"
```

ON.ONLND (Multiple Occurrences are possible)

Land for Offset Notice

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ON	2
Offset ID	265
Record Type	30
Tract Number	2
Land Key	50
Land Qualifier Code	6
Code Table name	30
Portion Flag	1
Portion Modifier Code	255
Code Table Name	30
Land Metes and Bounds	4000
Current Area in Hectares	12

Sample:

"ON", "AAY2010329685", "ONLND", "00", "4-25-055:16L08-SE-NW", "RI", "RDALLOWTX", "P", "TBE", "PMDTX", "PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY.", 59.8000

ON.ONRGTS (Multiple Occurrences are possible)

Right for Offset Notice

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ON	2
Offset ID	265
Record Type	30
Tract Number	2
Excepting Flag	1
Substance Code	255
Code Table Name	30
From Qualifier Code	255
Code Table Name	30
From Zone Code	255
Code Table Name	30
From DRRZD/ZD ID	11
To Qualifier Code	255
Code Table Name	30
To Zone Code	255
Code Table Name	30
To DRRZD/ZD ID	11

Sample:

"ON", "AAY2010329685", "ONRGTS", "00", "N", "43", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE", "00004", "04", "ZONEQUAL", "1650", "ZONECODE", "00096"

ON.WARN (Multiple Occurrences are possible)

Warnings on Offset, if any

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ON	2
Offset ID	265
Record Type	30
Warning Text	255

Sample:

"ON", "AAY2010329685", "WARN", "DEFAULT NOTICE DATE NOT > RENTAL PAID DATE"

ON.RMK (Multiple Occurrences are possible)

Remarks on Offset Notice

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ON	2
Offset ID	265
Record Type	30
Remark Code	255
Code Table Name	30
Remark Text	4000

Sample:

"ON", "AAY2010329685", "RMK", "002", "RMKTYPES", "Remark Text"

CR: Related Client Records (Multiple Occurrences are possible)

Related Mineral Clients, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
CR	2
Client ID	7
Name	150
Corporate Status	12
Corporate Status Effective Date/Time	19
Address ID	3
Address Purpose Code	255
Address	262

Sample:

"CR", "1001181", "CONOCOPHILLIPS CANADA RESOURCES CORP.", "ACTIVE", "2010/01/05 00:00:00", "002", "LANDT", "401 9 AVE SW PO BOX 130 STN M, CALGARY, AB T2P 2C7"

DR: Related DRRZD/ZD Records (Multiple Occurrences are possible)

Related DRRZD/ZD's, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
DR	2
DRRZD/ZD ID	11
Key Well ID	20
Zone Code	255
Code Table Name	30
From Interval	9
To Interval	9
Log Type Code	255
Code Table Name	30
Measure	255
Metes and Bounds	4000

Sample:

"DR", "D00093", "ABWI100083002310W400", "1960", "ZONECODE", 1780.00, 1790.00, "DIFGR", "WLLOGTYP", "F", "Metes and Bounds Text"

RC: Record Control

Description:

Record control will provide overall record count; along with the break down information for each type of record that was updated, that is included in this extract, along with the extract creation date, start date, and end date.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RC	2
Creation Date/Time	19
Start Date/Time	19
End Date/Time	19
Total Record Count (excluding DC)	9
HDR Record Count	9
CR Record Count	9
DR Record Count	9

Sample:

"RC", "2002/03/22 00:00:00", "2002/01/01 00:00:00", "2002/03/01 00:00:00", 100, 5, 2, 1

Alberta Mineral Information (AMI) – Crown Mineral Activity Data File

*** Crown Mineral Activity was formally known as Well Authorization.**

AMI will create Complete and Partial Mineral Data Files. The Complete Data File will contain all the records in AMI, whereas the Partial Data File will contain the records that were created or updated in AMI, for a given time period (typically one day).

Crown Mineral Activity Data File contains the records for the following entities.

- Crown Mineral Activity (**WA**)

DC: Disclaimer

Description:

Standard disclaimer, required for any reports and extract for external clients.

Mapping:

RC, Text

Sample:

"DC", "NOTICE AND DISCLAIMER"

"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling of the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."

WA: Crown Mineral Activities Records

* Crown Mineral Activities were formally known as Well Authorizations.

Description:

Any record which starts with WA, will be related to the Crown Mineral Activities Records. The second tag will define more information regarding that record.

Record Type	Description
DC: Disclaimer	Standard disclaimer, required for all reports and extract for external clients.
WA.HDR	Crown Mineral Activity header information
WA.DREP	Designated Representative on Crown Mineral
WA.PAR	Crown Mineral Activity Participants
WA.TERM	Crown Mineral Activity Term Information
WA.RELAGR	Crown Mineral Activity Related Agreements
WA.WELLEVT	Well Events linked to the Crown Mineral Activity
WA.WALND	Land for the Crown Mineral Activity
WA.WARGTS	Rights for the Crown Mineral Activity
WA.WARN	Warnings on Crown Mineral Activity
WA.RMK	Remarks on Crown Mineral Activity
CR: Related Client Records	Related Mineral Clients, used on this extract.
DR: Related DRRZD/ZD Records	Related DRRZD/ZD's, used on this extract.
RC: Record Control	Record control will provide overall record count included in this extract, along with the extract creation date, start date and end date.

Sample Data:

```
"WA", "WAG 00080236", "HDR", "WAG", "AGRTYPE", "7", "ENSTATS", "2002/03/27
00:00:00", "2002/09/27 00:00:00", "2008/06/08 00:53:12", 256.0000, "2002/09/27
00:00:00", "33", "AGRCANCL", "", "WORKFLOWSTREAM", "A"
"WA", "WRE 00080236", "DREP", "8053772", "001"
"WA", "WRE 00080236", "PAR", "0000751", 50.0000000
"WA", "WRE 00080236", "TERM", 0, 03, 00
"WA", "WRE 00080236", "RELAGR", "001", "AGRTYPE", "001
1066", "5", "ENSTATS", 256.0000, "2001/04/13 00:00:00", "2009/04/13
00:00:00", "2010/04/13 00:00:00"
"WA", " WRE
00080236", "WELLEVT", "ABWI100020211706W600", "0", "WLDELMTR", "20", "WLFLUID", "00"
, "WLMODE", "04", "WLTYPE", "00", "WLSTRUCT"
"WA", "WRE 00080236", "WALND", "00", "4-25-038:10L12-
NW", "RI", "RDALLOWTX", "P", "TBE", "PMDTX", "PORTION(S) LYING OUTSIDE THE RAILWAY
RIGHT OF WAY.", 59.8000
```

"WA", "WRE
00080236", "WARGTS", "00", "N", "43", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE"
, "00004", "04", "ZONEQUAL", "1650", "ZONECODE", "00096"
"WA", "WRE 00080236", "WARN", "DEFAULT NOTICE DATE NOT > RENTAL PAID DATE"
"CR", "0000050", "I.XL INDUSTRIES LTD", "ACTIVE", "2010/03/22
00:00:00", "002", "LANDT", "150 6 AVE SW PO BOX 2844, CALGARY AB T2P 3E3"
"DR", "D00093", "ABWI100083002310W400", "1960", "ZONECODE", 1780.00, 1790.00, "DIFGR
, "WLLOGTYP", "F", "Metes and Bounds Text"
"RC", "2010/06/15 14:49:38", "2010/05/01 00:00:00", "2010/06/15 00:00:00", 1000

WA.HDR

Crown Mineral Activity header information

*** Crown Mineral Activity was formally known as Well Authorization.**

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WA	2
Crown Mineral Activity ID	265
Record Type	30
Crown Mineral Activity Type Code	255
Code Table Name	30
Crown Mineral Activity Status Code	255
Status Code Table	30
Crown Mineral Activity Approval Date	19
Crown Mineral Activity Expiry Date	19
Last Update Date	19
Approval Area	11
Cancellation Date	19
Cancellation Type	255
Code Table Name	30
Workflow Stream Code	255
Workflow Code Table	30
Record Status	1

Workflow Stream Code: Will be blank for complete extracts, since they will be used for partial updates only.

Sample:

```
"WA", "WAG 00080236", "HDR", "WAG", "AGRTYPE", "7", "ENSTATS", "2002/03/27
00:00:00", "2002/09/27 00:00:00", "2008/06/08 00:53:12", 256.0000, "2002/09/27
00:00:00", "33", "AGRCANCL", "", "WORKFLOWSTREAM", "A"
```

WA.DREP

Designated Representative on Crown Mineral Activity

*** Crown Mineral Activity was formally known as Well Authorization.**

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WA	2
Crown Mineral Activity ID	265
Record Type	30
Client ID	7
Address ID	3

Sample:

"WA", "WRE 00080236", "DREP", "8053772", "001"

WA.PAR (Multiple Occurrences are possible)

Crown Mineral Activity Participants

*** Crown Mineral Activity was formally known as Well Authorization.**

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WA	2
Crown Mineral Activity ID	265
Record Type	30
Client ID	7
Participation Percentage	11

Sample:

"WA", "WRE 00080236", "PAR", "0000751", 50.000000

WA.TERM

Crown Mineral Activity Term Information

*** Crown Mineral Activity was formally known as Well Authorization.**

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WA	2
Crown Mineral Activity ID	265
Record Type	30
Term Years	4
Term Months	2
Term Days	2

Sample:

"WA", "WRE 00080236", "TERM", 0, 03, 00

WA.RELAGR (Multiple Occurrences are possible)

Crown Mineral Activity Related Agreements

*** Crown Mineral Activity was formally known as Well Authorization.**

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WA	2
Crown Mineral Activity ID	265
Record Type	30
Agreement Type Code	255
Code Table Name	30
Agreement ID	265
Agreement Status Code	255
Code Table Name	30
Agreement Current Area	12
Agreement Term Date	19
Agreement Original Expiry Date	19
Agreement Continued-To Date or Current Expiry Date	19

Sample:

```
"WA", "WRE 00080236", "RELAGR", "001", "AGRTYPE", "001
1066", "5", "ENSTATS", 256.0000, "2001/04/13 00:00:00", "2009/04/13
00:00:00", "2010/04/13 00:00:00"
```

WA.WELLEVT

Well Events linked to the Crown Mineral Activity

*** Crown Mineral Activity was formally known as Well Authorization.**

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WA	2
Crown Mineral Activity ID	265
Record Type	30
Well Event ID	20
Delimiter Code	255
Code Table Name	30
Well Event Status-Fluid	2
Code Table Name	30
Well Event Status-Mode	2
Code Table Name	30
Well Event Status-Type	2
Code Table Name	30
Well Event Status-Structure	2
Code Table Name	30

Sample:

```
"WA", " WRE
00080236", "WELLEVT", "ABWI100020211706W600", "0", "WLDELMTR", "20", "WLFLUID", "00"
, "WLMODE", "04", "WLTYPE", "00", "WLSTRUCT"
```

WA.WALND (Multiple Occurrences are possible)

Land for the Crown Mineral Activity

*** Crown Mineral Activity was formally known as Well Authorization.**

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WA	2
Crown Mineral Activity ID	265
Record Type	30
Tract Number	2
Land Key	50
Land Qualifier Code	6
Code Table name	30
Portion Flag	1
Portion Modifier Code	255
Code Table Name	30
Land Metes and Bounds	4000
Current Area in Hectares	12

Sample:

"WA", "WRE 00080236", "WALND", "00", "4-25-038:10L12-NW", "RI", "RDALLOWTX", "P", "TBE", "PMDTX", "PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY.", 59.8000

WA.WARGTS (Multiple Occurrences are possible)

Rights for the Crown Mineral Activity

*** Crown Mineral Activity was formally known as Well Authorization.**

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WA	2
Crown Mineral Activity ID	265
Record Type	30
Tract Number	2
Excepting Flag	1
Substance Code	255
Code Table Name	30
From Qualifier Code	255
Code Table Name	30
From Zone Code	255
Code Table Name	30
From DRRZD/ZD ID	11
To Qualifier Code	255
Code Table Name	30
To Zone Code	255
Code Table Name	30
To DRRZD/ZD ID	11

Sample:

```
"WA", "WRE
00080236", "WARGTS", "00", "N", "43", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE"
, "00004", "04", "ZONEQUAL", "1650", "ZONECODE", "00096"
```

WA.WARN (Multiple Occurrences are possible)

Warnings on Crown Mineral Activity, if any

*** Crown Mineral Activity was formally known as Well Authorization.**

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WA	2
Crown Mineral Activity ID	265
Record Type	30
Warning Text	255

Sample:

"WA", "WRE 00080236", "WARN", "DEFAULT NOTICE DATE NOT > RENTAL PAID DATE"

WA.RMK (Multiple Occurrences are possible)

Remarks on Crown Mineral Activity

*** Crown Mineral Activity was formally known as Well Authorization.**

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WA	2
Crown Mineral Activity ID	265
Record Type	30
Remark Code	255
Code Table Name	30
Remark Text	4000

Sample:

"WA", "WRE 00080236", "RMK", "002", "RMKTYPES", "Remark Text"

CR: Related Client Records (Multiple Occurrences are possible)

Related Mineral Clients, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
CR	2
Client ID	7
Name	150
Corporate Status	12
Corporate Status Effective Date/Time	19
Address ID	3
Address Purpose Code	255
Address	262

Sample:

"CR", "1001181", "CONOCOPHILLIPS CANADA RESOURCES CORP.", "ACTIVE", "2010/01/05 00:00:00", "002", "LANDT", "401 9 AVE SW PO BOX 130 STN M, CALGARY, AB T2P 2C7"

DR: Related DRRZD/ZD Records (Multiple Occurrences are possible)

Related DRRZD/ZD's, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
DR	2
DRRZD/ZD ID	11
Key Well ID	20
Zone Code	255
Code Table Name	30
From Interval	9
To Interval	9
Log Type Code	255
Code Table Name	30
Measure	255
Metes and Bounds	4000

Sample:

"DR", "D00093", "ABWI100083002310W400", "1960", "ZONECODE", 1780.00, 1790.00, "DIFGR", "WLLOGTYP", "F", "Metes and Bounds Text"

RC: Record Control

Description:

Record control will provide overall record count; along with the break down information for each type of record that was updated, that is included in this extract, along with the extract creation date, start date, and end date.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RC	2
Creation Date/Time	19
Start Date/Time	19
End Date/Time	19
Total Record Count (excluding DC)	9
HDR Record Count	9
CR Record Count	9

Sample:

"RC", "2002/03/22 00:00:00", "2002/01/01 00:00:00", "2002/03/01 00:00:00", 100, 5, 2

Alberta Mineral Information (AMI) - Unit Agreement Data File

AMI will create Complete and Partial Mineral Data Files. The Complete Data File will contain all the records in AMI, whereas the Partial Data File will contain the records that were created or updated in AMI, for a given time period (typically one day).

Unit Agreement Data File contains the records for the following entities.

- Unit Agreement (**UN**)

DC: Disclaimer

Description:

Standard disclaimer, required for any reports and extract for external clients.

Mapping:

RC, Text

Sample:

"DC", "NOTICE AND DISCLAIMER"
"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling of the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."

UN: Unit Agreements Records

Description:

Any record which starts with UN, will be related to the Unit Agreements Records. The second tag will define more information regarding that record.

Record Type	Description
DC: Disclaimer	Standard disclaimer, required for all reports and extract for external clients.
UN.HDR	Header information for the Unit Agreement
UN.OPR	Unit Agreement Operator
UN.PAR	Unit Agreement Participants
UN.KWEL	Unit Agreement Key Well
UN.UNPE	Production Entity linked to the Unit Agreement
UN.UNPELND	Production Entity Land along with attributes
UN.UNPERHTS	Production Entity Rights for the given Tract
UN.LNKAGR	Linked Agreements, along with the Production Entity
UN.WELLEVT	Related Well Events
UN.UNLND	Land for the Unit Agreement – Partition Level.
UN.UNRGTS	Rights for the Unit Agreement – Partition Level.
UN.RMK	Remarks for the Unit Agreement
CR: Related Client Records	Related Mineral Clients, used on this extract.
DR: Related DRRZD/ZD Records	Related DRRZD/ZD's, used on this extract.
RC: Record Control	Record control will provide overall record count included in this extract, along with the extract creation date, start date and end date.

Sample Data:

```
"UN", "085      220", "HDR", "220", "UNITYTYPE", "PINCHER CREEK ROYALTY UNITIZATION
AGREEMENT", 52480.0000, "5", "ENSTATS", "1956/12/01 00:00:00", "1956/12/01
00:00:00", "9999/12/31 23:59:59", "2009/11/09 00:00:00", "", "WORKFLOWSTREAM", "A"
"UN", "085      220", "OPR", "8042022", "001"
"UN", "085      220", "PAR", "02173", "8081648", 100.0000000
"UN", "085
220", "KWEL", "ABWI100083002310W400", "1960", "ZONECODE", 1780.00, 1790.00, "DIFGR",
"WLLOGTYP", "F", "Metes and Bounds Text"
"UN", "085      220", "UNPE", "ABUN02496"
"UN", "086      689", "UNPELND", "ABUN00441", "00", "5-03-
47:16L04", "", "RDALLOWTX", "", "", "PMODTX", "", 16.0000
```

"UN", "086
689", "UNPERHTS", "ABUN00441", "00", "03", "SUBSTNCE", "06", "ZONEQUAL", "1260", "ZONE
CODE", "03", "ZONEQUAL", "1260", "ZONECODE"
"UN", "085 220", "LNKAGR", "001 31428", "ABUN02496"
"UN", "085
220", "WELLEVT", "ABWI100041202905W400", "02", "WLFLUID", "02", "WLMODE", "00", "WLTY
PE", "00", "WLSTRUCT"
"UN", "085 220", "UNLND", "00", "4-25-038:10L12-
NW", "RI", "RDALLOWTX", "P", "TBE", "PMDTX", "PORTION(S) LYING OUTSIDE THE RAILWAY
RIGHT OF WAY.", "59.8000
"UN", "085
220", "UNRGTS", "00", "N", "43", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE", "000
04", "04", "ZONEQUAL", "1650", "ZONECODE", "00096", "in top 1000 feet"
"UN", "085 220", "RMK", "002", "Remark Text"
"CR", "0000050", "I.XL INDUSTRIES LTD", "ACTIVE", "2010/03/22
00:00:00", "002", "LANDT", "150 6 AVE SW PO BOX 2844, CALGARY AB T2P 3E3"
"DR", "D00093", "ABWI100083002310W400", "1960", "ZONECODE", "1780.00,1790.00", "DIFGR
", "WLLOGTYP", "F", "Metes and Bounds Text"
"RC", "2010/06/15 14:49:38", "2010/05/01 00:00:00", "2010/06/15 00:00:00", "1000

UN.HDR

Header information for the Unit Agreement

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Unit Type Code	255
Code Table Name	30
Unit Name	255
Unit Area	11
Unit Status Code	255
Status Code Table	30
Unit Effective Date	19
Unit Execution Date	19
Unit Termination Date	19
Last Update Date	19
Workflow Stream Code	255
Workflow Code Table	30
Record Status	1

Workflow Stream Code: Will be blank for complete extracts, since they will be used for partial updates only.

Sample:

```
"UN", "085      220", "HDR", "220", "UNITTYPE", "PINCHER CREEK ROYALTY UNITIZATION
AGREEMENT", 52480.0000, "5", "ENSTATS", "1956/12/01 00:00:00", "1956/12/01
00:00:00", "9999/12/31 23:59:59", "2009/11/09 00:00:00", "", "WORKFLOWSTREAM", "A"
```

UN.OPR

Unit Agreement Operator

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Client ID	7
Address ID	3

Sample:

"UN" , "085" 220 " , "OPR" , "8042022" , "001 "

UN.PAR (Multiple Occurrences are possible)

Unit Agreement Participants (Working Interest Owners)

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Tract Participant ID	5
Client ID	7
Unit Participation	11

Sample:

"UN" , "085" 220 " , "PAR" , "02173" , "8081648" , 100.0000000

UN.KWEL (Multiple Occurrences are possible)

Unit Agreement Key Well

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Key Well ID	20
Zone Code	255
Code Table Name	30
From Interval	9
To Interval	9
Log Type Code	255
Code Table Name	30
Measure	255
Metes and Bounds	4000

Sample:

"UN" , "085
220" , "KWEL" , "ABWI100083002310W400" , "1960" , "ZONECODE" , 1780.00 , 1790.00 , "DIFGR" ,
"WLLOGTYP" , "F" , "Metes and Bounds Text"

UN.UNPE (Multiple Occurrences are possible)

Production Entity linked to the Unit Agreement

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Production Entity ID	20
Crown Percent	11
Freehold Percent	11

Sample:

"UN", "085 220", "UNPE", "ABUN02496", 100.00, 0.0

UN. UNPELND (Multiple Occurrences are possible)

Production Entity Land along with the attributes

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Production Entity ID	20
Partition Number	2
Land Key	50
Land Qualifier Code	6
Code Table Name	30
Portion Flag	1
Portion Modifier Code	255
Code Table Name	30
Land Metes and Bound	4000
Land Qualifier	11

Sample:

"UN", "085 177", "UNPELND", "ABUN26446", "00", "4-21-045:17L11", "", "RDALLOWTX", "", "", "PMDTX", "", "16.0000

UN. UNPERHTS (Multiple Occurrences are possible)

Production Entity Rights for given Tract

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Production Entity ID	20
Partition Number	2
Substance Code	255
Code Table Name	30
From Qualifier Code	255
Code Table Code	30
From Zone Code	255
Code Table Name	30
To Qualifier Code	255
Code Table Name	30
To Zone Code	255
Code Table Name	30

Sample:

"UN", "086
689", "UNPERHTS", "ABUN00441", "00", "03", "SUBSTNCE", "06", "ZONEQUAL", "1260", "ZONE
CODE", "03", "ZONEQUAL", "1260", "ZONECODE"

UN.LNKAGR (Multiple Occurrences are possible)

Linked Agreements, along with the Production Entity

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Agreement ID	265
Production Entity ID	20

Sample:

"UN", "085 220", "LNKAGR", "001 31428", "ABUN02496"

UN.WELLEVT (Multiple Occurrences are possible)

Related Well Events

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Well Event ID	20
Well Event Status-Fluid	2
Code Table Name	30
Well Event Status-Mode	2
Code Table Name	30
Well Event Status-Type	2
Code Table Name	30
Well Event Status-Structure	2
Code Table Name	30

Sample:

"UN", "085
220", "WELLEVT", "ABWI100113004901W400", "01", "WLFLUID", "11", "WLMODE", "00", "WLTY
PE", "00", "WLSTRUCT"

UN.UNLND (Multiple Occurrences are possible)

Land for the Unit Agreement – Partition Level.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Partition Number	2
Land Key	50
Land Qualifier Code	6
Code Table name	30
Portion Flag	1
Portion Modifier Code	255
Code Table Name	30
Land Metes and Bounds	4000
Deemed Area in Hectares	12

Sample:

"UN", "085 220", "UNLND", "00", "4-25-038:10L12-NW", "RI", "RDALLOWTX", "P", "TBE", "PMDTX", "PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY.", 59.8000

UN.UNRGTS (Multiple Occurrences are possible)

Rights for the Unit Agreement – Partition Level.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Partition Number	2
Excepting Flag	1
Substance Code	255
Code Table Name	30
From Qualifier Code	255
Code Table Name	30
From Zone Code	255
Code Table Name	30
From DRRZD/ZD ID	11
To Qualifier Code	255
Code Table Name	30
To Zone Code	255
Code Table Name	30
To DRRZD/ZD ID	11
Pool Specification	4000

Sample:

"UN", "085
220", "UNRGTS", "00", "N", "43", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE", "000
04", "04", "ZONEQUAL", "1650", "ZONECODE", "00096", "in top 1000 feet"

UN.RMK (Multiple Occurrences are possible)

Remarks for the Unit Agreement

Mapping:

Data Element	Maximum Length of Data Element (in characters)
UN	2
Unit Agreement ID	265
Record Type	30
Remark Code	255
Code Table Name	30
Remark Text	4000

Sample:

"UN", "085 220", "RMK", "002", "RMKTYPES", "Remark Text"

CR: Related Client Records (Multiple Occurrences are possible)

Related Unit Agreement Operators, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
CR	2
Client ID	7
Name	150
Corporate Status	12
Corporate Status Effective Date/Time	19
Address ID	3
Address Purpose Code	255
Address	262

Sample:

"CR", "1001181", "CONOCOPHILLIPS CANADA RESOURCES CORP.", "ACTIVE", "2010/01/05 00:00:00", "002", "LANDT", "401 9 AVE SW PO BOX 130 STN M, CALGARY, AB T2P 2C7"

DR: Related DRRZD/ZD Records (Multiple Occurrences are possible)

Related DRRZD/ZD's, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
DR	2
DRRZD/ZD ID	11
Key Well ID	20
Zone Code	255
Code Table Name	30
From Interval	9
To Interval	9
Log Type Code	255
Code Table Name	30
Measure	255
Metes and Bounds	4000

Sample:

"DR", "D00093", "ABWI100083002310W400", "1960", "ZONECODE", 1780.00, 1790.00, "DIFGR", "WLLOGTYP", "F", "Metes and Bounds Text"

RC: Record Control

Description:

Record control will provide overall record count; along with the break down information for each type of record that was updated, that is included in this extract, along with the extract creation date, start date, and end date.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RC	2
Creation Date/Time	19
Start Date/Time	19
End Date/Time	19
Total Record Count (excluding DC)	9
HDR Record Count	9
CR Record Count	9

Sample:

"RC", "2002/03/22 00:00:00", "2002/01/01 00:00:00", "2002/03/01 00:00:00", 100, 5, 2

Alberta Mineral Information (AMI) - DRRZD/ZD Data File

AMI will create Complete and Partial Mineral Data Files. The Complete Data File will contain all the records in AMI, whereas the Partial Data File will contain the records that were created or updated in AMI, for a given time period (typically one day).

DRRZD Data File contains the records for the following entities.

- DRRZD (**ZD**)

DC: Disclaimer

Description:

Standard disclaimer, required for any reports and extract for external clients.

Mapping:

RC, Text

Sample:

"DC", "NOTICE AND DISCLAIMER"

"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling of the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."

DZ: DRRZD/ZD's Records

Description:

Any record which starts with DZ, will be related to the DRRZD/ZD's Records. The second tag will define more information regarding that record.

Record Type	Description
DC: Disclaimer	Standard disclaimer, required for all reports and extract for external clients.
DZ.HDR	DRRZD/ZD header information
DZ.KWEL	DRRZD/ZD Key Well
DZ.ZDLND	Land for the DRRZD/ZD
DZ.RMK	DRRZD/ZD Remarks
RC: Record Control	Record control will provide overall record count included in this extract, along with the extract creation date, start date and end date.

Sample Data:

```
"ZD", "D00093", "HDR", "DRRZD", "5", "ENSTATS", "2010/04/13 00:00:00", "2010/04/13
00:00:00", "2010/04/13 00:00:00", "2010/04/13
00:00:00", "DRRZD_MODIFY", "WORKFLOWSTREAM", "A"
"ZD", "D00093", "KWEL", "ABWI100083002310W400", "1960", "ZONECODE", 1780.00, 1790.00
, "DIFGR", "WLLOGTYP", "F", "Metes and Bounds Text"
"ZD", "D00093", "ZDLND", "4-25-038:10L12-
NW", "RI", "RDALLOWTX", "P", "TBE", "PMDTX", "PORTION(S) LYING OUTSIDE THE RAILWAY
RIGHT OF WAY.", 59.8000
"ZD", "D00093", "RMK", "002", "Remark Text"
"CR", "8060000", "LSAS Support/Client Registry", "001", "9945 - 108 Street
Edmonton, Alberta T5K 2G6"
"DR", "D00093", "ABWI100083002310W400", "1960", "ZONECODE", 1780.00, 1790.00, "DIFGR
", "WLLOGTYP", "F", "Metes and Bounds Text"
"RC", "2010/06/15 14:49:38", "2010/05/01 00:00:00", "2010/06/15 00:00:00", 1000
```

DZ.HDR

DRRZD/ZD header information

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ZD	2
DRRZD/ZD ID	11
Record Type	30
DRRZD/ZD Type	5
DRRZD/ZD Status Code	255
Status Code Table	30
Effective Date	19
Amendment Date	19
Rescind Date	19
Last Update Date	19
Workflow Stream Code	255
Workflow Code Table	30
Record Status	1

Workflow Stream Code: Will be blank for complete extracts, since they will be used for partial updates only.

Sample:

```
"ZD", "D00093", "HDR", "DRRZD", "5", "ENSTATS", "2010/04/13 00:00:00", "2010/04/13
00:00:00", "2010/04/13 00:00:00", "2010/04/13
00:00:00", "DRRZD_MODIFY", "WORKFLOWSTREAM", "A"
```

DZ.KWEL (Multiple Occurrences are possible)

DRRZD/ZD Key Well

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ZD	2
DRRZD/ZD ID	11
Record Type	30
Key Well ID	20
Zone Code	255
Code Table Name	30
From Interval	9
To Interval	9
Log Type Code	255
Code Table Name	30
Measure	255
Metes and Bounds	4000

Sample:

"ZD", "D00093", "KWEL", "ABWI100083002310W400", "1960", "ZONECODE", 1780.00, 1790.00, "DIFGR", "WLLLOGTYP", "F", "Metes and Bounds Text"

DZ.ZDLND (Multiple Occurrences are possible)

Land for the DRRZD/ZD

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ZD	2
DRRZD/ZD ID	11
Record Type	30
Land Key	50
Land Qualifier Code	6
Code Table name	30
Portion Flag	1
Portion Modifier Code	255
Code Table Name	30
Land Metes and Bounds	4000
Deemed Area in Hectares	12

Sample:

"ZD", "D00093", "ZDLND", "4-25-038:10L12-NW", "RI", "RDALLOWTX", "P", "TBE", "PMDTX", "PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY.", 59.8000

DZ.RMK (Multiple Occurrences are possible)

DRRZD/ZD Remarks

Mapping:

Data Element	Maximum Length of Data Element (in characters)
ZD	2
DRRZD/ZD ID	11
Record Type	30
Remark Code	255
Code Table Name	30
Remark Text	4000

Sample:

"ZD", "D00093", "RMK", "002", "RMKTYPES", "Remark Text "

RC: Record Control

Description:

Record control will provide overall record count; along with the break down information for each type of record that was updated, that is included in this extract, along with the extract creation date, start date, and end date.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RC	2
Creation Date/Time	19
Start Date/Time	19
End Date/Time	19
Total Record Count (excluding DC)	9
HDR Record Count	9
DR Record Count	9

Sample:

"RC","2002/03/22 00:00:00","2002/01/01 00:00:00","2002/03/01 00:00:00",100,5,0

Alberta Mineral Information (AMI) – Mineral Restrictions Data File

AMI will create Complete and Partial Mineral Data Files. The Complete Data File will contain all the records in AMI, whereas the Partial Data File will contain the records that were created or updated in AMI, for a given time period (typically one day).

Mineral Restrictions Data File contains the records for the following entities.

- Mineral Restrictions (**RS**)

DC: Disclaimer

Description:

Standard disclaimer, required for all reports and extract for external clients.

Mapping:

RC, Text

Sample:

"DC", "NOTICE AND DISCLAIMER"

"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling or the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."

RS: Mineral Restrictions Records

Description:

Any record which starts with RS, will be related to the Mineral Restrictions Records. The second tag will define more information regarding that record.

Record Type	Description
DC: Disclaimer	Standard disclaimer, required for all reports and extract for external clients.
RS.HDR	Restriction Header Information
RS.DTL	Restriction Details, for the given Classification
RS.DTLTXT	Restriction Detail Text
RS.DTLCON	Restriction Detail Contact
RS.DTLND	Restriction Detail Land
RS.DTRGT	Restriction Detail Rights
RS.DTLRMK	Restriction Detail Remarks
RS.RMK	Restriction Classification Remarks
CR: Related Client Records	Related Mineral Clients, used on this extract.
DR: Related DRRZD/ZD Records	Related DRRZD/ZD's, used on this extract.
RC: Record Control	Record control will provide overall record count included in this extract, along with the extract creation date, start date and end date.

Sample data:

```
"RS", "ADM 0006", "HDR", "ADM", "RESTTYP", "5", "ENSTATS", "2009/04/13
00:00:00", "2009/04/13 00:00:00", "100235", "01117-B02-00", "BIG HORN INDIAN
RESERVE #144A", "", "WORKFLOWSTREAM", "1997/04/13 11:15:00"
"RS", "ADM 0006", "DTL", "ADM 0006 01", "5", "ENSTATS", "2009/04/13
00:00:00", "2009/04/13 00:00:00", "RESERVED FROM DISPOSITION", "PUBLIC
INFORMATION", "ALL MINERAL ACTIVITIES", 2944.00
"RS", "ADM 0006", "DTLTXT", "ADM 0006 01", "ENR 06", "IS/ARE WITHIN AN INDIAN
RESERVE. "
"RS", "ADM 0006", "DTLCON", "ADM 0006 01", "EN02", "8000322", "RAND SMITH", "780-427-
8957", "BRANCH HEAD"
"RS", "ADM 0006", "DTLND", "ADM 0006 01", "00", "4-03-004:05L04-SW-
SW", "RI", "RDALLOWTX", "P", "TBE", PMODTX, "PORTION(S) LYING OUTSIDE THE RAILWAY
RIGHT OF WAY.", 59.8000
"RS", "ADM 0006", "DTRGT", "ADM 0006
01", "00", "N", "43", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE", "00004", "04", "
ZONEQUAL", "1650", "ZONECODE", "00096"
"RS", "ADM 0006", "DTLRMK", "ADM 0006 01", "002", "Remark Text"
"RS", "ADM 0006", "RMK", "002", "Remark Text"
```

"CR","0000050","I.XL INDUSTRIES LTD","ACTIVE","2010/03/22
00:00:00","002","LANDT","150 6 AVE SW PO BOX 2844, CALGARY AB T2P 3E3"
"DR","D00093","ABWI100083002310W400","1960","ZONECODE",1780.00,1790.00,"DIFGR
","WLLOGTYP","F","Metes and Bounds Text"
"RC","2010/09/12 17:59:01","1753/01/01 00:00:00","9999/12/31
00:00:00",322227,2223,152,115

RS.HDR

Restriction Header Information

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RS	2
Restriction Classification ID	259
Record Type	30
Restriction Type Code	255
Code Table Name	30
Restriction Classification Status Code	255
Code Table Name	30
Effective Date	19
Expiry Date	19
Cancellation Date	19
Cancellation Type	255
Code Table Name	30
Other Reference ID	255
File Number	255
Restriction Classification Name	255
Workflow Stream Code (formerly known as Transaction Type)	255
Workflow Code Table	30
Last Update Date/Time	19

Workflow Stream Code: Will be blank for complete extracts, since they will be used for partial updates only.

Sample:

```
"RS", "ADM 0001", "HDR", "ADM", "RESTTYP", "5", "ENSTATS", "1992/11/03
00:00:00", "9999/12/31 23:59:59", "1992/11/03
00:00:00", "CONV", "RESCANCELTYPES", "", "01117-B02-00", "BIG HORN INDIAN RESERVE
#144A", "", "WORKFLOWSTREAM", "1997/03/17 11:15:22"
```

RS.DTL (Multiple Occurrences are possible)

Restriction Details, for the given Classification

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RS	2
Restriction Classification ID	259
Record Type	30
Restriction Detail ID	261
Restriction Detail Status Code	255
Code Table Name	30
Effective Date	19
Expiry Date	19
Cancellation Date	19
Cancellation Type	255
Code Table Name	17
Access Level	255
Code Table Name	30
Security Level	255
Code Table Name	30
Activity Type	255
Code Table Name	30
Total Area	12
Last Update Date/Time	19

Sample:

```
"RS", "ADM 0001", "DTL", "ADM 0001 01 ", "5", "ENSTATS", "1992/11/03
00:00:00", "9999/12/31 23:59:59", "1992/11/03
00:00:00", "CONV", "DETAILCANCELDCODE", "4", "RESTACCS", "P", "RESTSECR", "A", "RESAC
TV", 2944.0000, "1997/03/17 11:15:22"
```

RS.DTLTXT

Restriction Detail Text

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RS	2
Restriction Classification ID	259
Record Type	30
Restriction Detail ID	261
Agency Code	255
Code Table Name	30
Restriction Text ID	4
Restriction Text	4000
Last Update Date/Time	19

Sample:

"RS", "ADM 0001", "DTLTXT", "ADM 0001 01", "ENR", "RESTAGCY", "06", "IS/ARE WITHIN AN INDIAN RESERVE.", "1997/03/17 11:15:22"

RS.DTLCON

Restriction Detail Contact

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RS	2
Restriction Classification ID	259
Record Type	30
Restriction Detail ID	261
Restriction Contact ID	4
Client ID	7
Client Address ID	3
Contact Full Name	150
Contact Phone Number	14
Contact Title	255

Sample:

"RS", "ADM 0006", "DTLCON", "ADM 0006 01", "EN02", "8000322", "8", "RAND SMITH", "780-427-8957", "BRANCH HEAD"

RS.DTLND (Multiple Occurrences are possible)

Restriction Detail Land

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RS	2
Restriction Classification ID	259
Record Type	30
Restriction Detail ID	261
Land Key	50
Land Qualifier Code	6
Code Table name	30
Portion Flag	1
Portion Modifier Code	255
Code Table Name	30
Land Metes and Bounds	4000
Deemed Area in Hectares	12

Sample:

"RS", "ADM 0001", "DTLND", "ADM 0001 01", "4-03-004:05L04-SW-SW", "RI", "RDALLOWTX", "P", "TBE", "PMODTX", "PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY.", 64.0000

RS.DTRGT (Multiple Occurrences are possible)

Restriction Detail Rights

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RS	2
Restriction Classification ID	259
Record Type	30
Restriction Detail ID	261
Excepting Flag	1
Substance Code	255
Code Table Name	30
From Qualifier Code	255
Code Table Name	30
From Zone Code	255
Code Table Name	30
From DRRZD/ZD	11
To Qualifier Code	255
Code Table Name	30
To Zone Code	255
Code Table Name	30
To DRRZD/ZD	11

Sample:

"RS", "ADM 0006", "DTRGT", "ADM 0006
01", "N", "43", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE", "00004", "04", "ZONEQ
UAL", "1650", "ZONECODE", "00096"

RS.DTLRMK (Multiple Occurrences are possible)

Restriction Detail Remarks

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RS	2
Restriction Classification ID	259
Record Type	30
Restriction Detail ID	261
Remark Code	255
Code Table Name	30
Remark Text	4000

Sample:

"RS", "ADM 0018", "DTLRMK", "ADM 0018 01 ", "003", "RMKTYPES", "OIL SANDS AREA 3 - COLD LAKE - PETROLEUM IS DEEMED TO BE OIL SANDS IN THE MANNVILLE GROUP. "

RS.RMK (Multiple Occurrences are possible)

Restriction Classification Remarks

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RS	2
Restriction Classification ID	259
Record Type	30
Remark Code	255
Code Table Name	30
Remark Text	4000

Sample:

"RS", "ADM 0006", "RMK", "002", "RMKTYPES", "Remark Text "

CR: Related Client Records (Multiple Occurrences are possible)

Related Mineral Clients, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
CR	2
Client ID	7
Name	150
Corporate Status	12
Corporate Status Effective Date/Time	19
Address ID	3
Address Purpose Code	255
Address	262

Sample:

"CR", "1001181", "CONOCOPHILLIPS CANADA RESOURCES CORP.", "ACTIVE", "2010/01/05 00:00:00", "002", "LANDT", "401 9 AVE SW PO BOX 130 STN M, CALGARY, AB T2P 2C7"

DR: Related DRRZD/ZD Records (Multiple Occurrences are possible)

Related DRRZD/ZD's, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
DR	2
DRRZD/ZD ID	11
Key Well ID	20
Zone Code	255
Code Table Name	30
From Interval	9
To Interval	9
Log Type Code	255
Code Table Name	30
Measure	255
Metes and Bounds	4000

Sample:

"DR", "D00028", "ABWI100083001902W500", "6300", "ZONECODE", 5817.00, 6172.00, "GRN", "WLLOGTYP", "F", "AND: ALL OTHER STRATA WHICH WERE DEPOSITED IN LATERAL CONTINUITY WITH THE STRATA DESCRIBED IN THE ABOVE INTERVAL AND WHICH OCCUR IN WHOLE OR IN PART WITHIN ANY OTHER FAULT BLOCK."

RC: Record Control

Description:

Record control will provide overall record count; along with the break down information for each type of record that was updated, that is included in this extract, along with the extract creation date, start date, and end date.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RC	2
Creation Date/Time	19
Start Date/Time	19
End Date/Time	19
Total Record Count (excluding DC)	9
HDR Record Count	9
CR Record Count	9
DR Record Count	9

Sample:

"RC", "2010/09/12 17:59:01", "1753/01/01 00:00:00", "9999/12/31 00:00:00", 322227, 2223, 152, 115

Alberta Mineral Information (AMI) – Mineral Client Updates Data File

AMI will create Complete and Partial Mineral Data Files. The Complete Data File will contain all the records in AMI, whereas the Partial Data File will contain the records that were created or updated in AMI, for a given time period (typically one day).

Mineral Client Updates Data File contains the records for the following entities.

- Mineral Client Updates (**CL**)

DC: Disclaimer

Description:

Standard disclaimer, required for all reports and extract for external clients.

Mapping:

RC, Text

Sample:

"DC", "NOTICE AND DISCLAIMER"
"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling or the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."

CL: Client Update Records

Description:

Any record which starts with CL, will be related to the Mineral Client Updates Records. The second tag will define more information regarding that record.

All Updates for the Mineral Clients

Record Type	Description
DC: Disclaimer	Standard disclaimer, required for all reports and extract for external clients.
CL: Client Update Records	All Updates for the Mineral Clients.
CR: Related Client Records	Related Mineral Clients, used on this extract.
RC: Record Control	Record control will provide overall record count included in this extract, along with the extract creation date, start date and end date.

Sample Data:

```
"CL", "0000026", "2010/09/15 13:12:19", "2010/06/24
09:34:46", "AMI_BUSINESSASSOCIATE_BA_LEGALNAME_CHANGE"
"CL", "0000050", "2010/08/10 10:52:04", "2010/05/03
16:02:49", "AMI_BUSINESSASSOCIATE_BA_ADDRESS_CHANGE"
"CL", "0000050", "2010/08/10 10:52:48", "2010/05/03
09:47:02", "AMI_BUSINESSASSOCIATE_BA_ATTENTION_LINE_CHANGE"
"CL", "0000050", "2010/08/10 10:52:52", "2010/05/07
15:04:08", "AMI_BUSINESSASSOCIATE_BA_LEGALNAME_CHANGE"
"CL", "0000050", "2010/08/10 10:53:46", "2010/04/14
11:42:11", "AMI_BUSINESSASSOCIATE_BACLIENT_STATUS_CHANGE"
"CR", "0000026", "ALBERTA LIME CO. LTD.", "ACTIVE", "", "001", "LANDT", "10180 101
ST NW SUITE 3200, EDMONTON AB T5J 3W8"
"CR", "0000050", "I.XL INDUSTRIES LTD", "ACTIVE", "2010/03/22
00:00:00", "002", "LANDT", "150 6 AVE SW PO BOX 2844, CALGARY AB T2P 3E3"
"RC", "2010/09/16 13:58:45", "2010/08/16 00:00:00", "2010/08/16
00:00:00", 229, 150, 79
```

CL: Client Update Records (Multiple Occurrences are possible)

Mineral Client Updates Records.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
CL	2
Client ID	7
Processed Date/Time	19
Effective Date/Time	19
Business Associate Change Type	100

Sample:

"CL", "8062103", "2010/08/12 15:21:51", "2010/03/31 13:29:44", "AMI_BUSINESSASSOCIATE_BA_ADDRESS_CHANGE"
"CL", "8065550", "2010/09/15 11:13:05", "2010/08/18 11:42:45", "AMI_BUSINESSASSOCIATE_BA_LEGALNAME_CHANGE"
"CL", "8072066", "2010/08/10 10:52:52", "2010/03/22 15:26:41", "AMI_BUSINESSASSOCIATE_BUSINESSASSOCIATE_AMALGAMATE"

CR: Related Client Records (Multiple Occurrences are possible)

Related Mineral Clients, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
CR	2
Client ID	7
Name	150
Corporate Status	12
Corporate Status Effective Date/Time	19
Address ID	3
Address Purpose Code	255
Address	262

Sample:

"CR", "1001181", "CONOCOPHILLIPS CANADA RESOURCES CORP.", "ACTIVE", "2010/01/05 00:00:00", "002", "LANDT", "401 9 AVE SW PO BOX 130 STN M, CALGARY, AB T2P 2C7"

RC: Record Control

Description:

Record control will provide overall record count; along with the break down information for each type of record that was updated, that is included in this extract, along with the extract creation date, start date, and end date.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RC	2
Creation Date/Time	19
Start Date/Time	19
End Date/Time	19
Total Record Count(excluding DC)	9
CL Record Count	9
CR Record Count	9

Sample:

"RC", "2010/09/12 18:09:43", "1753/01/01 00:00:00", "9999/12/31 00:00:00", 8354, 0, 8354

Alberta Mineral Information (AMI) – Code Tables Data File

AMI will create Complete and Partial Mineral Data Files. The Complete Data File will contain all the records in AMI, whereas the Partial Data File will contain the records that were created or updated in AMI, for a given time period (typically one day).

Code Tables Data File contains the records for the following entities.

- Code Tables (*TA*)

DC: Disclaimer

Description:

Standard disclaimer, required for all reports and extract for external clients.

Mapping:

RC, Text

Sample:

"DC", "NOTICE AND DISCLAIMER"

"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling or the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."

TA: Code Tables Records

Description:

Codes Tables in AMI

Record Type	Description
DC: Disclaimer	Standard disclaimer, required for all reports and extract for external clients.
TA: Code Tables Records	Codes Tables in AMI
RC: Record Control	Record control will provide overall record count included in this extract, along with the extract creation date, start date and end date.

Sample:

"TA", "WORKFLOWSTREAM", "AMEND_004", "Amendment - Partial Surrender"
"RC", "2010/09/25 19:39:57", "2010/05/01 00:00:00", "2010/09/15
00:00:00", 12980, 12980

TA.CODETABLERECORDS (Multiple Occurrences are possible)

Code Table Records data

Mapping:

Data Element	Maximum Length of Data Element (in characters)
TA	2
Table Name	255
Code	255
Decode value	255

Sample:

"TA", "WORKFLOWSTREAM", "AMEND_004", "Amendment - Partial Surrender"

RC: Record Control

Description:

Record control will provide overall record count; along with the break down information for each type of record that was updated, that is included in this extract, along with the extract creation date, start date, and end date.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RC	2
Creation Date/Time	19
Start Date/Time	19
End Date/Time	19
Total Record Count(excluding DC)	9
TA Record Count	9

Sample:

"RC", "2010/09/12 18:10:27", "1753/01/01 00:00:00", "9999/12/31 00:00:00", 12980, 12980

Alberta Mineral Information (AMI) – Well Spacing Data File

AMI will create Complete and Partial Mineral Data Files. The Complete Data File will contain all the records in AMI, whereas the Partial Data File will contain the records that were created or updated in AMI, for a given time period (typically one day).

Mineral Well Spacing Data File contains the records for the following entities.

- Well Spacing (**WS**)

DC: Disclaimer

Description:

Standard disclaimer, required for all reports and extract for external clients.

Mapping:

RC, Text

Sample:

"DC", "NOTICE AND DISCLAIMER"
"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling or the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."

WS: Well Spacing Records

Description:

Any record which starts with WS, will be related to the Well Spacing Records. The second tag will define more information regarding that record.

Record Type	Description
DC: Disclaimer	Standard disclaimer, required for all reports and extract for external clients.
WS.HDR	Well Spacing Detail Header Information.
WS.WSAD	Well Spacing Amendments
WS.ADTX	Well Spacing Amendment History Text
WS.REFL	Well Spacing Related Field Data
WS.RESTX	Well Spacing Resolution Text
WS.WELDT	Well Spacing Well Exemptions Data
WS.APDIX	Well Spacing Appendix
WS.APLND	Well Spacing Appendix Land
WS.APRGTS	Well Spacing Appendix Rights
WS.APWELDT	Well Spacing Appendix Well Exemptions Data
WS.APUNIT	Well Spacing Appendix Unit Agreement Data
WS.APSP	Well Spacing Appendix Special Provision
WS.APRESTX	Well Spacing Appendix Resolution Text
WS.APTRDT	Well Spacing Appendix Target Data
WS.APWARN	Well Spacing Appendix Warnings
WS.APRMK	Well Spacing Appendix Remarks
WS.WARN	Well Spacing Warnings
WS.RMK	Well Spacing Remarks
CR: Related Client Records	Related Mineral Clients, used on this extract.
RC: Record Control	Record control will provide overall record count included in this extract, along with the extract creation date, start date and end date.

Sample Data:

```
"WS", "1347662", "HDR", "5", "ENSTATS", "2008/03/20 00:00:00", "N", "2008/06/05
10:22:22", "", "WORKFLOWSTREAM", "A"
"WS", "1347662", "REFL", "0685", "5", "ENSTATS", "03", "FIELDTYP", "PEMBINA"
"WS", "1347662", "APDIX", "A1", "01", "2", "WSAPPTYP", "2008/06/05
00:00:00", "2008/03/20 00:00:00", "8065460", "001", "", "N", "
", "WSUNITCD", "300", "37", "WSDENSTY", "0
"WS", "1347662", "APLND", "A1", "01", "2", "4-13-062:26L03-SW-
SW", "", "RDALLOWTX", "", "", "PMDTX", "", "256.0000
```

```
"WS", "1347662", "APRGTS", "A1", "01", "02", "SUBSTNCE", "06", "ZONEQUAL", "1188", "FOR
MNCD", "03", "ZONEQUAL", "1188", "FORMNCD", "
", ""
"WS", "1347662", "APRMK", "A1", "01", "092", "RMKTYPES", "PRODUCTION SOURCE: SAND"
"WS", "1347662", "APDIX", "A1", "02", "2", "WSAPPTYP", "2008/06/05
00:00:00", "2008/03/20
00:00:00", "8065460", "", "N", "", "WSUNITCD", 300, "37", "WSDENSTY", 0
"WS", "1347662", "APLND", "A1", "02", "4-05-062:26L03-SW-
SW", "", "RDALLOWTX", "", "", "PMDTX", "", 256.0000
"WS", "1347662
", "APRGTS", "A1", "02", "02", "SUBSTNCE", "06", "ZONEQUAL", "1079", "FORMNCD", "03", "Z
ONEQUAL", "1079", "FORMNCD", "", ""
"WS", "1347662", "APRMK", "A1", "02", "092", "RMKTYPES", "PRODUCTION SOURCE: SAND"
"WS", "1347662", "RMK", "095", "RMKTYPES", "APPLICATION TYPE: SPACING GAS"
"CR", "0000026", "ALBERTA LIME CO. LTD.", "ACTIVE", "", "001", "LANDT", "10180 101
ST NW SUITE 3200, EDMONTON AB T5J 3W8"
"RC", "2010/09/29 11:08:01", "2010/01/01 00:00:00", "2010/09/28
00:00:00", 237231, 3905, 566
```

WS.HDR

Well Spacing Detail Header Information

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Status Code	255
Code Table Name	30
Effective Date/Time	19
Land Update Flag	1
Last Update Date/Time	19
Workflow Stream Code	255
Workflow Code Table	30
Record Status	1

Sample:

```
"WS", "1451819", "HDR", "5", "ENSTATS", "2010/04/13 00:00:00", "N", "2010/04/13
00:00:00", "WELLSPACING_UPDATE", "WORKFLOWSTREAM", "A"
```

WS.WSAD (Multiple Occurrences are possible)

Well Spacing Amendments

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Amended/Previous SU ID	10
History Type Code	255
Code Table Name	30
Amendment/Rescinded Date/Time	19
Comment Flag	1

Sample:

"WS", "1451819", "WSAD", "12356", "R", "WSHISTRY", "2010/04/13 00:00:00", "N"

WS.ADTX (Multiple Occurrences are possible)

Well Spacing Amendment History Text

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Amendment Text	4000

Sample:

"WS", "1451819", "ADTX", "Amendment Text"

WS.REFL (Multiple Occurrences are possible)

Well Spacing Related Field Data

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Field ID	10
Status Code	255
Code Table Name	30
Field Type Code	50
Code Table Name	30
Field Name	255

Sample:

"WS", "1451819", "REFL", "0685", "5", "ENSTATS", "03", "FIELDTYP", "PEMBINA"

WS.RESTX

Well Spacing Resolution Text

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Resolution Text	4000

Sample:

"WS", "1451819", "RESTX", "Resolution Text"

WS.WELDT (Multiple Occurrences are possible)

Well Spacing Well Exemptions Data

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Well Event ID	20
Fluid Code	2
Code Table Name	30
Well Mode Code	2
Code Table Name	30
Well Type Code	2
Code Table Name	30
Well Structure Code	2
Code Table Name	30
Substance Type Code	255
Code Table Name	30
Zone Code	255
Code Table Name	30
Well Exemption Code	255
Code Table Name	30

Sample:

"WS", "1451819", "WELDT", "ABWI102063002310W400", "02", "WLFLUID", "12", "WLMODE", "06", "WLTYPE", "05", "WLSTRUCT", "06", "SUBSTNCE", "1540", "ZONECODE", "N", "WSEXEMPT"

WS.APDIX (Multiple Occurrences are possible)

Well Spacing Appendix

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Appendix ID	2
Reference ID	4
Appendix Type Code	255
Code Table Name	30
Creation Date/Time	19
Amendment Date/Time	19
Rescind Date/Time	19
Last Update Date/Time	19
Appendix Status Code	255
Code Table Name	30
Effective Date/Time	19
Client ID	7
Address ID	3
Reference Well Event ID	20
Resolution Required	1
Well Spacing Code	255
Code Table Name	30
Buffer	4
Well Density Code	255
Code Table Name	30
Inter Well Distance	9

Sample:

"WS", "1447580", "APDIX", "A1", "01", "1", "WSAPPTYP", "2007/12/14
00:00:00", "2007/11/26 00:00:00", "2010/12/18 23:59:59", "2010/12/19
10:11:03", "7", "ENSTATS", "2010/12/19 10:11:44", "8062103", "001", "", "N", "
", "WSUNITCD", "300", "32", "WSDENSTY", "500

WS.APLND (Multiple Occurrences are possible)

Well Spacing Appendix Land

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Appendix ID	2
Reference ID	4
Land Key	50
Land Qualifier Code	6
Code Table name	30
Portion Flag	1
Portion Modifier Code	255
Code Table Name	30
Land Metes and Bounds	4000
Deemed Area in Hectares	12

Sample:

"WS", "1451819", "APLND", "A1", "01", "4-13-062:26L03-SW-SW", "RI", "RDALLOWTX", "P", "TBE", "PMDTX", "PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY.", 59.8000

WS.APRGTS (Multiple Occurrences are possible)

Well Spacing Appendix Rights

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Appendix ID	2
Reference ID	4
Substance Code	255
Code Table Name	30
From Qualifier Code	255
Code Table Name	30
From Formation Code	255
Code Table Name	30
To Qualifier Code	255
Code Table Name	30
To Formation Code	255
Code Table Name	30
Pool Code	7
Pool Description	255

Sample:

"WS", "1451819", "APRGTS", "A1", "01", "44", "SUBSTNCE", "02", "ZONEQUAL", "1640", "FOR
MNCD", "04", "ZONEQUAL", "1750", "FORMNCD", "123", "Pool Description"

WS.APWELDT (Multiple Occurrences are possible)

Well Spacing Appendix Well Exemptions Data

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Appendix ID	2
Reference ID	4
Well Event ID	20
Fluid Code	2
Code Table Name	30
Well Mode Code	2
Code Table Name	30
Well Type Code	2
Code Table Name	30
Well Structure Code	2
Code Table Name	30
Substance Type Code	255
Code Table Name	30
Zone Code	255
Code Table Name	30
Well Exemption Code	255
Code Table Name	30

Sample:

"WS", "1451819", "APWELDT", "A1", "02", "ABWI102063002310W400", "02", "WLFLUID", "12",
"WLMODE", "06", "WLTYPE", "05", "WLSTRUCT", "06", "SUBSTNCE", "1540", "ZONECODE", "01",
"WSEXEMPT"

WS.APUNIT

Well Spacing Appendix Unit Agreement Data

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Appendix ID	2
Reference ID	4
Unit Type Code	255
Code Table Name	30
Unit Number	10
Unit Name	255

Sample:

"WS", "1451819", "APUNIT", "A1", "02", "OIL", "UNITTYPE", "02496", "PE NAME"

WS.APSP

Well Spacing Appendix Special Provision

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Appendix ID	2
Reference ID	4
Special Provision	4000

Sample:

"WS", "1451819", "APSP", "A1", "02", "Appendix Special Provision Text"

WS.APRESTX

Well Spacing Appendix Resolution Text

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Appendix ID	2
Reference ID	4
Resolution Text	4000

Sample:

"WS", "1451819", "APRESTX", "A1", "02", "Appendix Resolution Text"

WS. APTRDT

Well Spacing Appendix Target Data

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Appendix ID	2
Reference ID	4
Target Area Code	255
Code Table Name	30
Description	500

Sample:

"WS", "1451819", "APTRDT", "A1", "02", "SPC", "WSTARGET", "TARGET AREA: 300 M FROM THE SOUTH AND WEST SIDES OF THE BOUNDARIES"

WS.APWARN (Multiple Occurrences are possible)

Well Spacing Appendix Warnings (if any)

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Appendix ID	2
Reference ID	4
Warning Text	255

Sample:

"WS", "1451819", "APWARN", "A1", "02", "Appendix Warning Text"

WS.APRMK (Multiple Occurrences are possible)

Well Spacing Appendix Remarks

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Appendix ID	2
Reference ID	4
Remark Code	255
Code Table Name	30
Remarks Text	4000

Sample:

"WS", "1451819", "APRMK", "A1", "02", "002", "RMKTYPES", "Appendix Remarks Text"

WS.WARN (Multiple Occurrences are possible)

Well Spacing Detail Warnings (if any)

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Warning Text	255

Sample:

"WS", "1451819", "WARN", "Warning Text"

WS.RMK (Multiple Occurrences are possible)

Well Spacing Detail Remarks

Mapping:

Data Element	Maximum Length of Data Element (in characters)
WS	2
Well Spacing ID	8
Record Type	30
Remark Code	255
Code Table Name	30
Remarks Text	4000

Sample:

"WS", "1451819", "RMK", "002", "RMKTYPES", "Remarks Text"

CR: Related Client Records (Multiple Occurrences are possible)

Related Mineral Clients, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
CR	2
Client ID	7
Name	150
Corporate Status	12
Corporate Status Effective Date/Time	19
Address ID	3
Address Purpose Code	255
Address	262

Sample:

"CR", "1001181", "CONOCOPHILLIPS CANADA RESOURCES CORP.", "ACTIVE", "2010/01/05 00:00:00", "002", "LANDT", "401 9 AVE SW PO BOX 130 STN M, CALGARY, AB T2P 2C7"

RC: Record Control

Description:

Record control will provide overall record count; along with the break down information for each type of record that was updated, that is included in this extract, along with the extract creation date, start date, and end date.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RC	2
Creation Date/Time	19
Start Date/Time	19
End Date/Time	19
Total Record Count (excluding DC)	9
HDR Record Count	9
CR Record Count	9

Sample:

"RC", "2010/09/25 17:59:01", "2010/05/01 00:00:00", "2010/09/15 00:00:00", 322227, 2223, 152

Alberta Mineral Information (AMI) – Crown Mineral Ownership Data File

AMI will create Complete and Partial Mineral Data Files. The Complete Data File will contain all the records in AMI, whereas the Partial Data File will contain the records that were created or updated in AMI, for a given time period (typically one day).

Crown Mineral Ownership Data File contains the records for the following entities.

- Crown Mineral Ownership (**CM**)

DC: Disclaimer

Description:

Standard disclaimer, required for all reports and extract for external clients.

Mapping:

RC, Text

Sample:

"DC", "NOTICE AND DISCLAIMER"

"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling of the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."

Crown Mineral Ownership Records

Description:

Any record which starts with CM, will be related to the Crown Mineral Ownership Records. The second tag will define more information regarding that record

Record Type	Description
DC: Disclaimer	Standard disclaimer, required for all reports and extract for external clients.
CM.Crown Mineral Ownership	Crown Mineral Ownership
RC: Record Control	Record control will provide overall record count included in this extract, along with the extract creation date, start date and end date.

Sample data:

```
"CM", "4-09-121:21-SE", "30", "CMOSUBCO", "NM", "CMOWNSHP", "IR", "CMOWNSHP", "_EJERE  
K ELNI KUE", "IR196I"  
"CM", "4-09-121:21-SE", "30", "CMOSUBCO", "NM", "CMOWNSHP", "NP", "CMOWNSHP", "WOOD  
BUFFALO (ALBERTA PORTION)", ""  
"RC", "2010/09/25 18:28:14", "2010/05/01 00:00:00", "2010/09/15  
00:00", 1046499, 1046499
```

CM (Multiple Occurrences are possible)

Crown Mineral Ownership information.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
CM	2
Land Key at Quarter Section	50
Substance Type Code	2
Code Table Name	30
Ownership Code	2
Code Table Name	30
Park/Reservation Code (NP/IR)	2
Code Table Name	30
Park/Reservation Name	75
Indian Reservation Number	10

Sample:

"CM", "4-09-121:21-SE", "30", "CMOSUBCO", "NM", "CMOWNSHP", "IR", "CMOWNSHP", "_EJERE
K ELNI KUE", "IR196I"
"CM", "4-09-121:21-SE", "30", "CMOSUBCO", "NM", "CMOWNSHP", "NP", "CMOWNSHP", "WOOD
BUFFALO (ALBERTA PORTION)", ""

RC: Record Control

Description:

Record control will provide overall record count; along with the break down information for each type of record that was updated, that is included in this extract, along with the extract creation date, start date, and end date.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RC	2
Creation Date/Time	19
Start Date/Time	19
End Date/Time	19
Total Record Count (excluding DC)	9
CM Record Count	9

Sample:

"RC", "2010/09/25 18:28:14", "2010/05/01 00:00:00", "2010/09/15 00:00", 1046499, 1046499

Alberta Mineral Information (AMI) – Mineral Encumbrance Data File

AMI will create Complete and Partial Mineral Data Files. The Complete Data File will contain all the records in AMI, whereas the Partial Data File will contain the records that were created or updated in AMI, for a given time period (typically one day).

Mineral Encumbrance Data File contains the records for the following entities.

- Mineral Encumbrance Ownership (*EN*)

DC: Disclaimer

Description:

Standard disclaimer, required for all reports and extract for external clients.

Mapping:

RC, Text

Sample:

"DC", "NOTICE AND DISCLAIMER"

"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling of the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information; is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."

Mineral Encumbrance Records

Description:

Any record which starts with EN, will be related to the Mineral Encumbrance. The second tag will define more information regarding that record

Record Type	Description
DC: Disclaimer	Standard disclaimer, required for all reports and extract for external clients.
EN.HDR	Encumbrance Header Information.
EN.SERADD	Encumbrance Service Address
EN.SECPAR	Encumbrance Secure Party
EN.SECNAM	Encumbrance Security Notice Interest of Name
EN.LISPEN	Encumbrance Lis-Pendens
EN.ENAGLND	Encumbrance Agreement Land
EN.ENAGRGT	Encumbrance Agreement Rights
EN.RELREG	Encumbrance Related Registration
EN.DISREG	Encumbrance Discharge Registration
EN.RMK	Encumbrance Remarks
CR: Related Client Records	Related Mineral Clients, used on this extract.
DR: Related DRRZD/ZD Records	Related DRRZD/ZD's, used on this extract.
RC: Record Control	Record control will provide overall record count included in this extract, along with the extract creation date, start date and end date.

Sample Data:

"DC", "NOTICE AND DISCLAIMER"

"DC", "Each and every person (herein called "Person") reading, using or relying on the Data or other information contained or provided in this data base, tape, medium, screen, hard copy printout or other presentment, is hereby notified, and acknowledges and agrees, that any and all Data and other information provided as shown herein is provided on the condition that: (a) Her Majesty the Queen in right of Alberta, her officers, employees, servants and agents shall have no liability or responsibility of any kind, for any loss or damage of any kind incurred or suffered by the Person or any of the Person's contacts, nor for any other reason, including but not limited to whether or not the loss or damage was occasioned by or as a result of any negligence, gross negligence or errors or omissions of any kind in the Data or information or in the assembly, preparation, delivery, presentation or other dealing with or handling or the Data or information; and (b) no representations, warranties or undertakings of any kind in respect of (i) any information or data contained in or omitted from the Data or information; or (ii) the condition, accuracy, form or content of such Data or information;

is made, nor shall hereafter be considered as having been made, by Her Majesty, her officers, employees, servants or agents."
"EN", "201032968", "HDR", "BL", "MENCTYPE", "5", "ENSTATS", "2010/04/13 00:00:00", "2010/04/13 00:00:00", "ENCUMBRANCE_UPDATE", "WORKFLOWSTREAM", "EX", "ENCCANCL", "2010/04/13 00:00:00", "A"
"EN", "201032968", "SERADD", "", "8060000", "001"
"EN", "201032968", "SECPAR", "", "8060000"
"EN", "201032968", "SECNAM", "", "8060000"
"EN", "201032968", "LISPEN", "0005176", "2010/04/13 00:00:00", "", "8060000"
"EN", "201032968", "ENAGLND", "5305010830", "A", "MENCLDIN", "5-20-047:25L10-NW", "RI", "RDALLOWTX", "P", "TBE", "PMODTX", "PORTION(S) LYING OUTSIDE THE RAILWAY RIGHT OF WAY."
"EN", "201032968", "ENAGRGT", "5305010830", "N", "44", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE", "00021", "04", "ZONEQUAL", "1750", "ZONECODE", "00093"
"EN", "201032968", "DISREG", "0306082", "2000/03/14 00:00:00", "DBL", "MENCTYPE"
"EN", "201032968", "RMK", "002", "RMKTYPES", "Remark Text"
"CR", "0000026", "ALBERTA LIME CO. LTD.", "ACTIVE", "", "001", "LANDT", "10180 101 ST NW SUITE 3200, EDMONTON AB T5J 3W8"
"RC", "2002/03/22 00:00:00", 1

EN.HDR

Encumbrance Header Information.

Mapping:

Data Element	Length of Data Element (in characters)
EN	2
Registration Number	264
Record Type	30
Encumbrance Type Code	255
Code Table Name	30
Status Code	255
Status Code Table	30
Last Update Date	19
Date of Registration	19
Workflow Stream Code	255
Workflow Table Code	30
Cancellation Code	255
Code Table Name	30
Cancellation Date	19
Record Status	1
Partial Discharge Type	255
Partial Discharge Code	30

Sample:

"EN", "201032968", "HDR", "BL", "MENCTYPE", "5", "ENSTATS", "2010/04/13
00:00:00", "2010/04/13
00:00:00", "ENCUMBRANCE_UPDATE", "WORKFLOWSTREAM", "EX", "ENCCANCL", "2010/04/13
00:00:00", "A", "", "MENDISCHARGETYPE",

EN.SERADD

Encumbrance Service Address

Mapping:

Data Element	Length of Data Element (in characters)
EN	2
Registration Number	264
Record Type	30
Client Name	600
Client ID	7
Address ID	3

Sample:

"EN", "201032968", "SERADD", "", "8060000", "001"

EN.SECPAR (Multiple Occurrences are possible)

Encumbrance Secure Party/LienHolder

Mapping:

Data Element	Length of Data Element (in characters)
EN	2
Registration Number	264
Record Type	30
Encumbrance Secure Party/Lien holder	600
Client ID	7

Sample:

"EN", "201032968", "SECPAR", "", "8060000"

EN.SECNAM (Multiple Occurrences are possible)

Encumbrance Security Notice Interest of Name

Mapping:

Data Element	Length of Data Element (in characters)
EN	2
Registration Number	264
Record Type	30
Security Notice Interest of Name	600
Client ID	7

Sample:

"EN", "201032968", "SECNAM", "", "8060000"

EN.LISPEN

Encumbrance Lis-Pendens

Mapping:

Data Element	Length of Data Element (in characters)
EN	2
Registration Number	264
Record Type	30
Lis-Pending Document Number	9
Lis-Pending Registration Date	19

Sample:

"EN", "BL0000064", "LISPEN", "0005504", "2000/06/29 00:00:00"

EN.ENAGLND (Multiple Occurrences are possible)

Encumbrance Agreement Land

Mapping:

Data Element	Length of Data Element (in characters)
EN	2
Registration Number	264
Record Type	30
Agreement ID	265
Land Indicator Code	255
Code Table Name	30
Land Key	50
Land Qualifier Code	6
Code Table name	30
Portion Flag	1
Portion Modifier Code	255
Code Table Name	30
Land Metes and Bounds	4000
Deemed Area in Hectares	12

Sample:

"EN", "BL0000072", "ENAGLND", "0040498010049", "", "MENCLDIN", "4-08-030:36", "", "RDALLOWTX", "", "", "PMDTX", ""

EN.ENAGRGT (Multiple Occurrences are possible)

Encumbrance Agreement Rights

Mapping:

Data Element	Length of Data Element (in characters)
EN	2
Registration Number	264
Record Type	30
Agreement ID	265
Excepting Flag	1
Substance Code	255
Code Table Name	30
From Qualifier Code	255
Code Table Name	30
From Zone Code	255
Code Table Name	30
From DRRZD/ZD	11
To Qualifier Code	255
Code Table Name	30
To Zone Code	255
Code Table Name	30
To DRRZD	11

Sample:

"EN", "201032968", "ENAGRGT", "5305010830", "N", "44", "SUBSTNCE", "02", "ZONEQUAL", "1640", "ZONECODE", "00021", "04", "ZONEQUAL", "1750", "ZONECODE", "00093"

EN.RELREG (Multiple Occurrences are possible)

Encumbrance Related Registration

Mapping:

Data Element	Length of Data Element (in characters)
EN	2
Registration Number	264
Record Type	30
Old Registration Number	264
Amendment Type	255

Sample:

"EN", "LP000327LP ", "RELREG", "BL000317BL ", "LIS PENDENS"

EN.DISREG (Multiple Occurrences are possible)

Encumbrance Discharge Registration

Mapping:

Data Element	Length of Data Element (in characters)
EN	2
Registration Number	264
Record Type	30
Discharge Registration Number	9
Discharge Date	19
Discharge Type	255
Code Table Name	30

Sample:

"EN", "201032968", "DISREG", "0306082 ", "2000/03/14 00:00:00", "DBL", "MENCTYPE"

EN.RMK (Multiple Occurrences are possible)

Encumbrance Remarks

Mapping:

Data Element	Length of Data Element (in characters)
EN	2
Registration Number	264
Record Type	30
Remark Code	255
Code Table Name	30
Remark Text	4000

Sample:

"EN", "201032968", "RMK", "002", "RMKTYPES", "Remark Text"

CR: Related Client Records (Multiple Occurrences are possible)

Related Mineral Clients, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
CR	2
Client ID	7
Name	150
Corporate Status	12
Corporate Status Effective Date/Time	19
Address ID	3
Address Purpose Code	255
Address	262

Sample:

"CR", "1001181", "CONOCOPHILLIPS CANADA RESOURCES CORP.", "ACTIVE", "2010/01/05 00:00:00", "002", "LANDT", "401 9 AVE SW PO BOX 130 STN M, CALGARY, AB T2P 2C7"

DR: Related DRRZD/ZD Records (Multiple Occurrences are possible)

Related DRRZD/ZD's, used on this extract.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
DR	2
DRRZD/ZD ID	11
Key Well ID	20
Zone Code	255
Code Table Name	30
From Interval	9
To Interval	9
Log Type Code	255
Code Table Name	30
Measure	255
Metes and Bounds	4000

Sample:

"DR", "D00028", "ABWI100083001902W500", "6300", "ZONECODE", 5817.00, 6172.00, "GRN", "WLLOGTYP", "F", "AND: ALL OTHER STRATA WHICH WERE DEPOSITED IN LATERAL CONTINUITY WITH THE STRATA DESCRIBED IN THE ABOVE INTERVAL AND WHICH OCCUR IN WHOLE OR IN PART WITHIN ANY OTHER FAULT BLOCK."

RC: Record Control

Description:

Record control will provide overall record count; along with the break down information for each type of record that was updated, that is included in this extract, along with the extract creation date, start date, and end date.

Mapping:

Data Element	Maximum Length of Data Element (in characters)
RC	2
Creation Date/Time	19
Start Date/Time	19
End Date/Time	19
Total Record Count (excluding DC)	9
HDR Record Count	9
CR Record Count	9
DR Record Count	9

Sample:

"RC", "2010/09/25 17:59:01", "2010/05/01 00:00:00", "2010/09/15 00:00:00", 32827, 2673, 152, 115

Alberta Mineral Information (AMI) -Data File Name Convention

<subjectArea>. DataExtract.{COMPLETE || DAILY}.<creation date as yyyy-MM-dd>.csv

Sample:

Agreements.DataExtract.COMPLETE.2010-11-30.00-00-00.csv

Agreements.DataExtract.DAILY.2010-12-01.00-00-00.csv