PPDM Association

PPDM Lite

Version 1.1

January, 2007

Copyright 2007, PPDM Association, All Rights Reserved

1. Table of Contents

1. Table of Contents ____ *2*

2. PPDM Public Petroleum Data Model Association Terms and Conditions ____ *4*

3. The PPDM Association ____ *7*

3.1. Who We Are ____ **7**

3.2. PPDM Standards ____ **7**

4. Introduction to PPDM Lite 1.0 ____ *8*

5. Before You Start ____ *8*

5.1. Download Restrictions ____ **8**

5.2. About the PPDM Lite 1.1 Data Store ____ **9**

5.3. About Spatially Enabling PPDM Lite 1.1 ____ **9**

5.4. About the Scripts and Procedures ____ **10**

6. Change Management Process ____ *10*

7. PPDM Lite 1.1 Data Diagrams ____ *10*

7.1. Legend ____ **10**

7.2. Applications and Areas ____ **11**

7.3. Business Associates ____ **12**

7.4. Contracts ____ **13**

7.5. Entitlements ____ **14**

7.6. Facilities ____ **15**

7.7. Fields and Pools ____ **16**

7.8. Financial ____ **17**

7.9. Interest Sets ____ **18**

7.10. Land ____ **19**

7.11. Licenses ____ **20**

7.12. Meta Model ____ **21**

7.13. Production ____ **22**

7.14. Projects ____ **23**

7.15. Project components ____ **24**

7.16. Records Management ____ **25**

Copyright 2007, PPDM Association, All Rights Reserved

7.17. Reserves 26
7.18. Seismic Sets 27
7.19. Spatial Components 28
7.20. Spatial Descriptions 29
7.21. Support Facilities 30
7.22. Wells 31

Copyright 2007, PPDM Association, All Rights Reserved

2. PPDM Public Petroleum Data Model Association ("PPDM™") Terms and Conditions

The PPDM™'s supply of products and/or services to the user (the "User") are subject to the following Terms and Conditions which are deemed to be accepted by the User upon the User making any use of, or receiving any benefit from, the PPDM™'s products and/or services, which may include, without limiting the nature and kind of products and/or services to be provided: the establishment of standards through the use of models, schema, spatial enabling and reference values; products in the form of guides, sample data and technical specifications; the right to use the trademarks of the PPDM™; and services in the nature of publication, education, compliance and certification.

The following Terms and Conditions shall apply to the User:

1. Any rights and limitation set out in any licence agreement entered into between the User and the PPDM™ in connection with the products and/or services shall be in addition to these Terms and Conditions.

2. Any right granted to the User by the PPDM™ to use any trademark of the PPDM™ is subject to the direct control and rules of use provided by the PPDM™ from time to time which right shall cease no later than the date upon which notification is provided by the PPDM™ to the User advising that the right has ceased, or the date the User ceases to be a member of the PPDM™.

3. The User acknowledges that all at all times, all products and/or services and their accompanying supporting material, are, and remain, the intellectual property of the PPDM™ with all rights reserved for the benefit of the PPDM ™.

4. EXCEPT AS SPECIFICALLY PROVIDED IN THESE TERMS AND CONDITIONS, ANY PRODUCTS AND/OR SERVICES PROVIDED BY THE PPDM™ ARE PROVIDED "AS IS", AND THE PPDM™ DISCLAIMS ANY REPRESENTATIONS, WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING THOSE OF PERFORMANCE OR MECHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR THOSE ARISING OUT OF A COURSE OF DEALING OR USAGE OF TRADE, WITH RESPECT TO ITS PRODUCTS AND/OR SERVICES, AND DO NOT WARRANT THAT THE FUNCTIONS OR THE OPERATION OR THE CONTENT OF ITS PRODUCTS AND/OR SERVICES WILL BE:
   a. UNINTERRUPTED OR ERROR FREE;
   b. ACCESSIBILE;
   c. FREE FROM CONTENT WHICH MAY BE DEEMED TO BE PRIVATE UNDER THE LAWS OF THE PROVINCE OF ALBERTA OR THE COUNTRY OF CANADA;

Copyright 2007, PPDM Association, All Rights Reserved

d. COMPLETE;
e. CURRENT.

5. THE PPDM™ SHALL NOT BE RESPONSIBLE OR LIABLE FOR ANY AND ALL ITEMS, STATEMENTS OR CONTENT TRANSMITTED, POSTED OR RECEIVED ON ITS SYSTEMS OR ANY OTHER SYSTEMS, OR FOR MONITORING THE SAME. THE PPDM™'S ENTIRE LIABILITY, REGARDLESS OF THE NUMBER OF CLAIMS, IN CONTRACT, TORT OR OTHER THEORY OF LAW, INCLUDING WITHOUT LIMITATION, NEGLIGENCE OR OTHERWISE, AND THE USER'S EXCLUSIVE REMEDY SHALL BE, AT THE OPTION OF THE PPDM™:
   a. TO EITHER REFUND THE LESSER OF THE AMOUNT THE USER PAID TO THE PPDM™ UNDER THE LATEST MEMBERSHIP APPLICATION OR THE FEES PAID BY THE USER FOR THE PARTICULAR PRODUCT AND/OR SERVICE PROVIDED; OR,
   b. TO PROVIDE THE USER WITH CORRECTED ITEMS

   PROVIDED THAT THE PPDM™ IS NOTIFIED OF ANY CLAIM WITHIN NINETY (90) DAYS FROM THE DATE ON WHICH THE CLAIM ARISES.

6. IN NO EVENT WILL THE PPDM™ BE LIABLE TO THE USER FOR ANY INDIRECT CONSEQUENTIAL, PUNITIVE OR SPECIAL DAMAGES OF THE USER OR OF ANY THIRD PARTY CLAIMED AGAINST THE USER, HOWSOEVER CAUSED, INCLUDING BUT NOT LIMITED TO, ANY LOST PROFITS, LOST REVENUE, LOST SAVINGS, LOSS OF USE OR LACK OF AVAILABILITY OF FACILITIES INCLUDING COMPUTER RESOURCES, ROUTERS AND STORED DATA, SPECIAL, INCIDENTAL, PUNITIVE, EXEMPLARY, AGGRAVATED, ECONOMIC OR CONSEQUENTIAL DAMAGES, CONTRIBUTION OR INDEMNITY ARISING OUT OF THE USE, OR INABILITY TO USE THE PRODUCTS AND/OR SERVICES OR DELIVERABLES, IF ANY, PROVIDED UNDER THESE TERMS AND CONDITIONS, OR FOR CLAIM BY ANY OTHER PERSON EVEN IF THE PPDM™ OR ANY OF ITS LAWFUL CONTRACTORS, OR EMPLOYEES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR CLAIM.

7. IN NO EVENT WILL THE PPDM™ BE LIABLE TO THE USER FOR DAMAGES OR LOSSES ARISING FROM ANY THIRD PARTY, OR FOR DAMAGES OR LOSSES CAUSED BY THE USER, OR THEIR RESPECTIVE EMPLOYEES, CONTRACTORS OR SUBCONTRACTORS, OR FOR OTHER EVENTS BEYOND THE REASONABLE CONTROL OF THE PPDM™.

8. THESE TERMS AND CONDITIONS SHALL SURVIVE THE TERMINATION AND/OR EXPIRY OF THE USER'S MEMBERSHIP IN THE PPDM™.

9. FOR PURPOSES OF PARAGRAPHS 4, 5, 6 AND 7 OF THESE TERMS AND CONDITIONS, THE TERM "USER" MAY INCLUDE, AS THE CASE MAY BE, ANY OR ALL OF THE USER, ITS DIRECTORS, OFFICERS, EMPLOYEES, AGENTS, AFFILIATED OR SUBSIDIRY BUSINESSES OR ANY THIRD-PARTIES TO WHOM THE USER HAS GIVEN ACCESS TO THE PRODUCTS AND SERVICES OF THE PPDM™.

Copyright 2007, PPDM Association, All Rights Reserved

10. FOR PURPOSES OF PARAGRAPHS 4, 5, 6 AND 7 OF THESE TERMS AND CONDITIONS, PPDM™ SHALL INCLUDE ANY OR ALL OF ITS DIRECTORS, OFFICERS, EMPLOYEES, AGENTS, CONTRACTORS OR OTHER INDIVIDUALS AFFILIATED WITH THE PPDM™, AS THE CASE MAY BE.

11. These Terms and Conditions are to be governed and interpreted under the laws of the Province of Alberta and the laws of Canada applicable therein, and any and all disputes arising out of these Terms and Conditions, their performance, breach, enforcement, existence or validity, any failure of the parties to reach agreement with respect to matters provided for in these Terms and Conditions and all matters of dispute relating to the rights and obligations of the parties, which cannot be amicably resolved, even if only one of the parties declares that there is a difference, will be referred to and finally settled by private and confidential binding arbitration held in Alberta and governed by Alberta law pursuant to the Alberta Arbitration Act if the User is a party created under the laws of Canada or any province or territory of Canada; or the Arbitration Rules of the United Nations Commission of International Trade Law (UNCITRAL) if the User is a party outside of Canada.

    The following arbitration procedures shall apply, notwithstanding whether the arbitration is governed by the Alberta Arbitration Act or UNCITRAL:

    (a) the place of arbitration shall be Calgary, Alberta;
    (b) the Arbitration tribunal shall consist of one (1) arbitrator;
    (c) the Courts of the Province of Alberta shall be the appointing authority in accordance with UNCITRAL Rules;
    (d) the language to be used in the arbitral proceedings shall be English;
    (e) the Arbitrator shall be a person who is legally trained and who has experience in the information technology field in Canada and is independent of either party; and,
    (f) the decision of the arbitration court shall be final and binding upon each of the parties.

12. Except as otherwise provided herein, all notices must be in writing to the PPDM™ at Bankers Hall, P.O. Box 22155, Calgary, Alberta, T2P 4J5 and to the User at the most recent address in the PPDM™'s records. Notices shall be deemed delivered three business days after posting in the Canadian postal system, or one business day if delivered via courier.

Copyright 2007, PPDM Association, All Rights Reserved

3. The PPDM Association

3.1. Who We Are

The PPDM Association (PPDM) is a not-for-profit organization that develops and maintains standards for the energy industry. With over 100 member companies comprised of petroleum businesses, data vendors, software vendors and service firms, the PPDM Association provides a roundtable process to bring experts together to build useful and business-driven standards.

By law, the PPDM Association is not permitted to make a profit; 100% of the funds provided to the PPDM Association by members and industry go towards the creation, development, publication and support of standards. The PPDM Association is funded by membership fees and industry contributions. Members who use PPDM standards find that they save many times their membership fees in the course of a single PPDM implementation.

You can find more information about the PPDM Association at www.ppdm.org or by contacting us at info@ppdm.org.

3.2. PPDM Standards

The PPDM Association works collaboratively with industry to develop standards in the following four key areas. Information about the products and services of the PPDM Association may be found at http://www.ppdm.org/products/index.html.

3.2.1. PPDM Data Models

The current PPDM relational model, version 3.7 and soon to be released version 3.8 are based on entry level SQL 92 standards. PPDM can be implemented in any fully SQL*92 database (Oracle, SQL*Server, POSTGRE and others). The 1238 tables in the latest version of PPDM cover 45 subject areas. Each subject area was developed internationally by business and technical experts from the energy industry. Diagrams and high level documentation are publicly available. Details are available to any member of the Association.

The PPDM light weight model, PPDM Lite 1.0 (and now subsequent version 1.1), is based on entry level SQL 92 requirements. This model contains 79 tables that summarize important Exploration and Production information for use in a GIS, dashboard application or warehouse. Many products related to PPDM Lite 1.0 are publicly available. Since the availability of PPDM Lite 1.0. Industry organize an additional work group to enhance and expand the capabilities as well as address some deficiencies. PPDM Lite 1.1 includes a greatly enhanced Well Table and many other technical issue were addressed. The next version (PPDM lite 2.0) will include several new subject areas and ideally meet the industries needs with repect to serving as a spatial repository.

3.2.2. PPDM Family of XML Schema

Copyright 2007, PPDM Association, All Rights Reserved

The PPDM family of schema is based on the W3C XSD specification of April 2001. These schema cover a wide range of subjects related to the energy industry. Schema, samples and technical documentation are publicly available on the PPDM web site.

3.2.3. Data Content or Reference Values

Standard reference values simplify the process of sharing data with various applications, organizations and agencies. The PPDM Association works with industry to identify or create useful sets of reference values that can be implemented to add value to any implementation. Most of these lists are publicly available from the PPDM Association web site.

3.2.4. Spatial Enabling

Techniques for spatially enabling complex databases such as PPDM have been developed and published on the PPDM Association web site. End-users who require a simplified managed replication of PPDM for the purposes of efficient GIS query may use PPDM Lite 1.0 that is also available from the PPDM web site.

4. Introduction to PPDM Lite 1.0

The PPDM 3.7 data model, released to the PPDM Membership in spring 2004, contains over 1,200 tables and 24,000 columns covering 45 subject areas in the energy sector. This robust and comprehensive data model is very effective for managing data and processes in transactional systems, or for use as a corporate master data store.

However, for some functions, such as management decision support systems, or GIS browsing applications it is more practical to present a warehouse style data summary to users. In 2004, the PPDM membership recommended that this kind of high level, rolled up version of PPDM 3.7 be designed.

The resulting light weight model, released publicly, is PPDM Lite 1.1. In some implementations, PPDM Lite 1.1 may be thought of as a simple warehouse or data mart model. If desired, PPDM Lite 1.1 may be spatially enabled using a GIS system. For most implementations, PPDM Lite 1.1 will be maintained through automated processes from PPDM 3.7. Synchronization procedures are provided to members of the PPDM Association.

The PPDM Association provides examples illustrating how to spatially enable PPDM Lite using ESRI, Oracle and Postgres, but the reader should be aware that there are other spatial applications that could be used effectively. The PPDM Association does not recommend any specific set of GIS tools; the examples are provided simply to illustrate possible implementation scenarios.

Every implementation of PPDM Lite 1.1, whether spatially enabled or not, should be designed to meet the needs of the user community within the company, the requirements of corporate data management recommendations and the existing technical environment.

5. Before You Start

5.1. Download Restrictions

Copyright 2007, PPDM Association, All Rights Reserved

PPDM Lite 1.1 is freely available anyone who wants it, as are the reference guides and sample data. The reference guides will give you some guidance about how to implement PPDM Lite in your corporate environment, including methods for managing replicated data and for spatially enabling the data model itself.

Many of the Data Management procedures were created to illustrate how to manage PPDM Lite as a replicated version of PPDM 3.7. Since only members of the PPDM Association are able to access and use PPDM 3.7, downloads of these products is restricted to members of the PPDM Association only. For information on how to become a member of the Association, visit the web site at www.ppdm.org or contact us at info@ppdm.org.

5.2. About the PPDM Lite 1.1 Data Store

Many organizations will use PPDM Lite 1.1 to create a high level summary data store that is replicated from existing master data stores. In practice, it's likely that data from many master data stores (land, wells, production etc) will be used to populate PPDM Lite 1.1.

The PPDM Association and its work groups recommend, in the strongest possible terms, that data replication be managed. This means that the data replication should be automated to the fullest extent possible and never conducted manually (if data in the master data store is updated, PPDM Lite 1.1 should be updated automatically).

Our recommendation is that PPDM Lite 1.1 should not be considered to be a transactional system, but treated only as a reporting system. Data corrections or additions should be made to the master data store and then replicated into PPDM Lite 1.1 through automated processes. These replication processes may run in real time (as they occur) or periodically (nightly or hourly).

Before you begin this process, develop a complete data management plan that will clarify how these replication processes will be managed.

5.3. About Spatially Enabling PPDM Lite 1.1

When you spatially enable PPDM Lite 1.0, you will have many decisions to make. Among the most important is the decision about how to create spatial layers or features.

PPDM Lite generalizes the storage of geodetic location according to geometry type. If you spatially enable a well, for example, and choose to spatially enable the well as a linear reference system using the directional survey, the locations for the well will be in L_SP_LINE_POINT. If you choose the spatially enable wells using only the surface or base hole location, the locations will be stored in L_SP_POINT.

Decide what geometry type(s) you would like to capture for each business object type. There are a variety of reasonable business requirements that might encourage you to create more than one type of geometry for a business object. Each geometry type for a business object type should be defined as a new spatial layer in your GIS system.

While it is possible to create a single spatial layer for each geometry type, it will probably not be practical to do this. Each business object type typically has different behavior and descriptive attributes. Combining more than one type of information in a single layer can cause user confusion, frustration and dissatisfaction. We

Copyright 2007, PPDM Association, All Rights Reserved

recommend that each type of business object be defined as a separate feature, and different geometries for the same business object be created as separate features.

5.4. About the Scripts and Procedures

The procedures provided in the sample scripts are mostly written for Oracle databases; they should be considered to be sample scripts or examples of what each step will do. You will need to convert the syntax of each process to work with whichever database and application suite you are using.

Please do not treat these procedures as if they were vendor provided software. They should be considered guidelines or samples only. We expect your implementation team to review and modify the scripts to suit your needs.

Note that the PPDM Association provides very limited advice and guidance for technical implementation issues. Problems and questions should be directed to the PPDM discussion lists (spatial-l@ppdm.org); we urge industry to collaborate and cooperate with implementation issues.

Please note that procedures that contain procedures to synchronize PPDM Lite 1.1 with PPDM 3.7 are available to members of the PPDM Association only.

6. Change Management Process

Requests for modifications or enhancements should be submitted to the PPDM Association Change Management Forum with a summary of the request made, a detailed description of the business requirement (why you want the change made) and a suggested field type, length and description for each attribute requested.

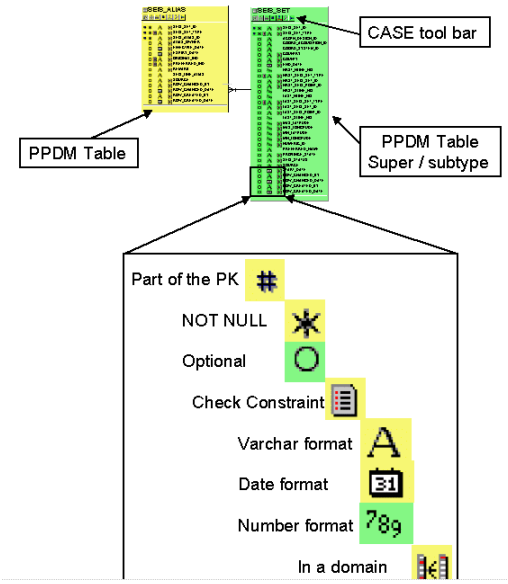
Most requests for change are discussed electronically with a designated review group before implementation. If you wish to participate in a review group, contact PPDM at info@ppdm.org.

7. PPDM Lite 1.1 Data Diagrams

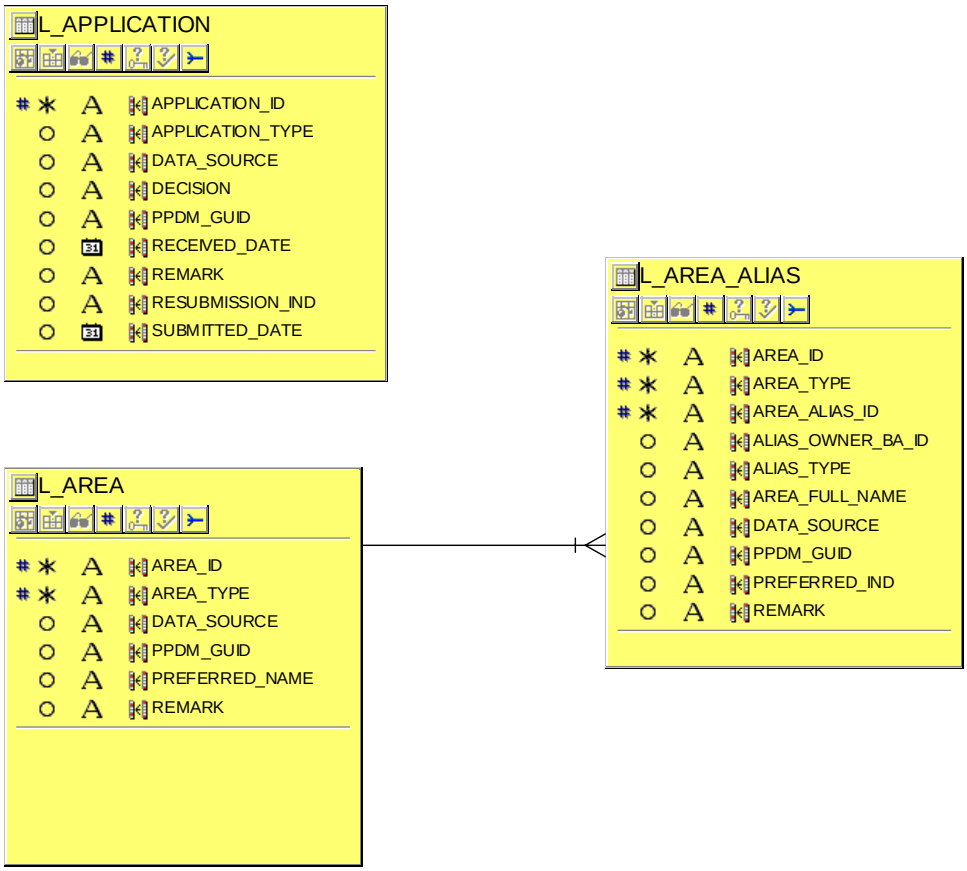
Data diagrams for PPDM Lite 1.1 are included in this document for your convenience. If you want to print a set of reasonably high quality diagrams, we recommend that you use the PowerPoint diagrams that are on the PPDM Web site (www.ppdm.org).

7.1. Legend

Copyright 2007, PPDM Association, All Rights Reserved

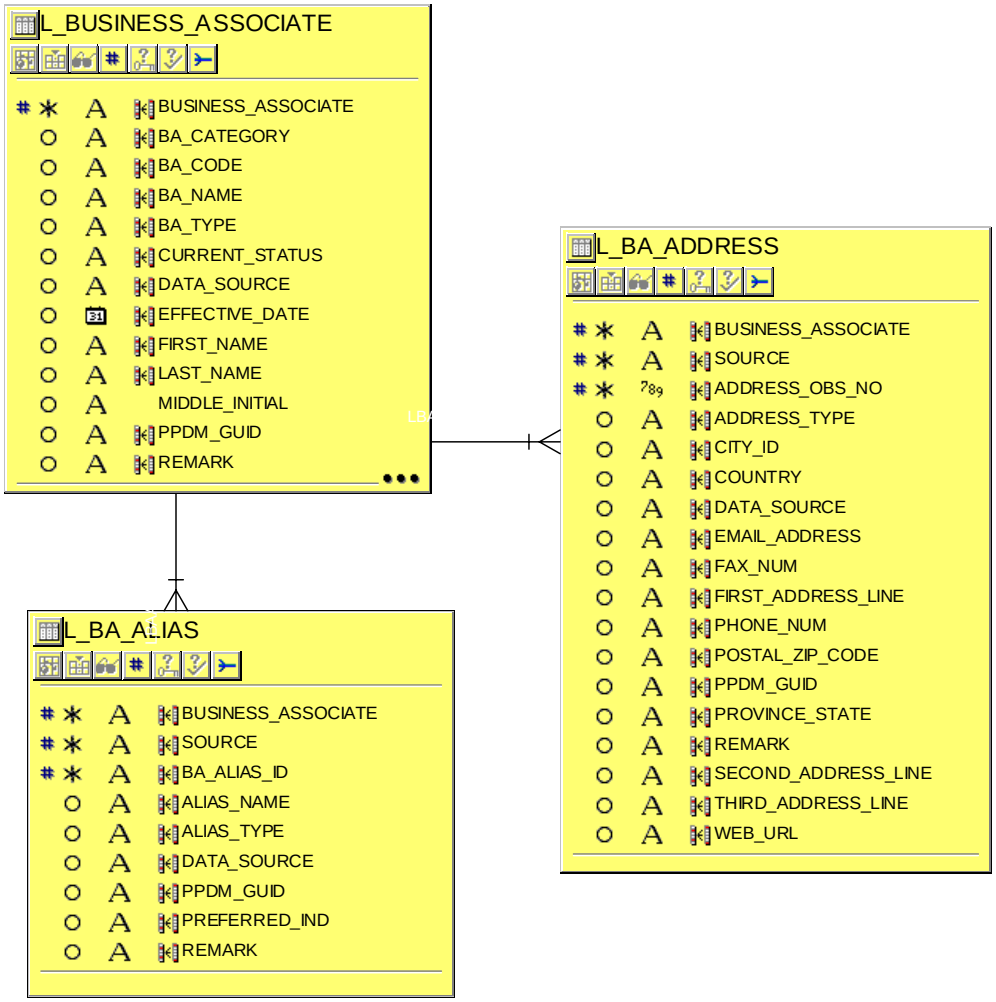


7.2. Applications and Areas



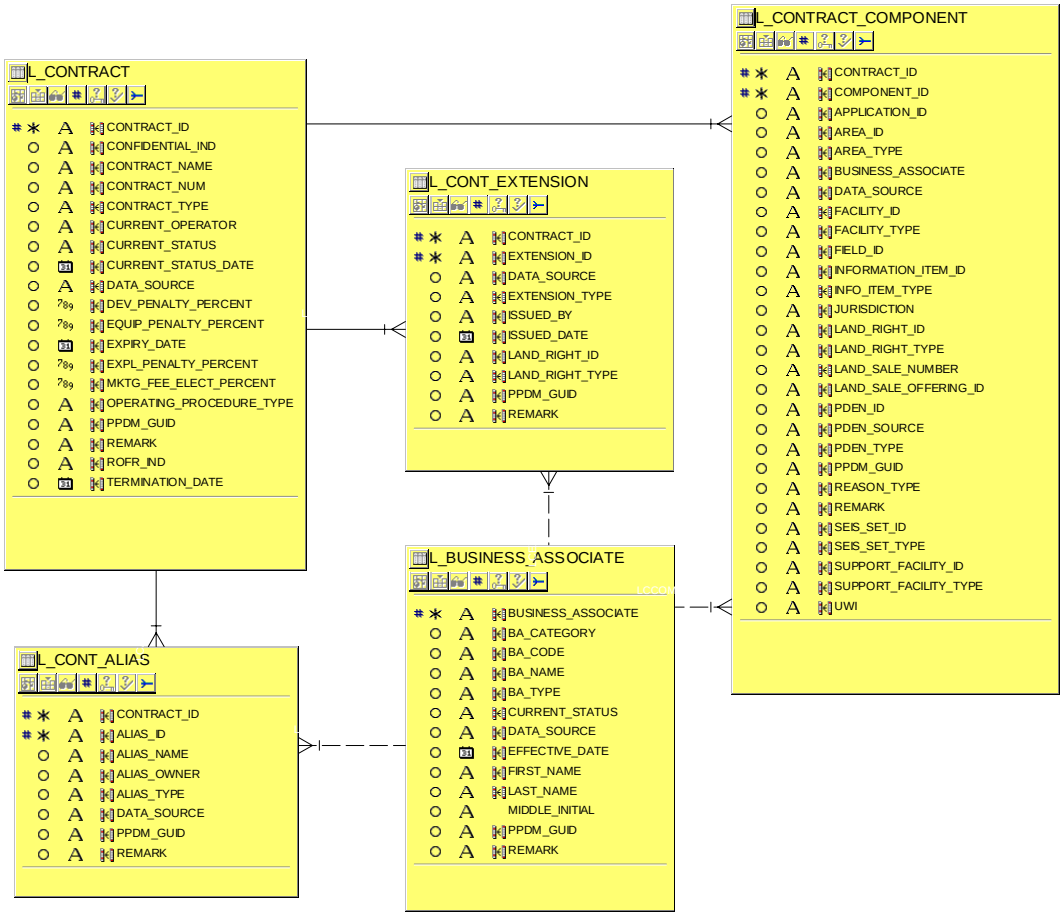
Copyright 2007, PPDM Association, All Rights Reserved

7.3. Business Associates



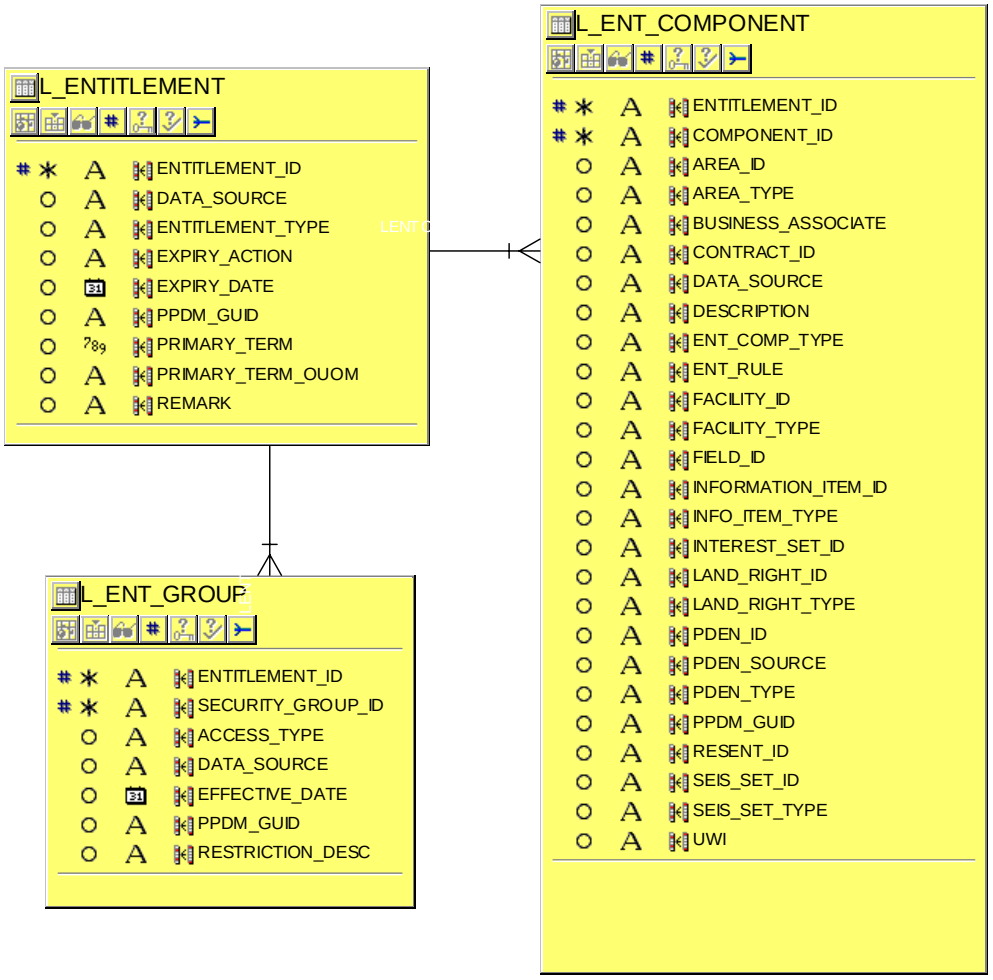
Copyright 2007, PPDM Association, All Rights Reserved

7.4. Contracts



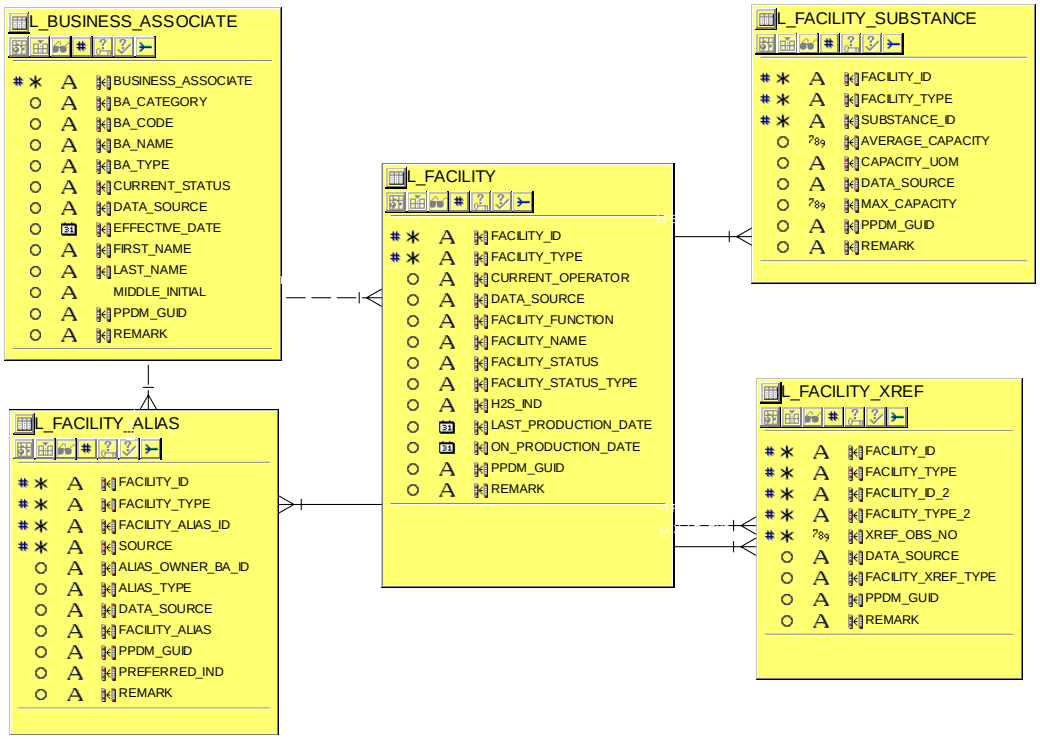
Copyright 2007, PPDM Association, All Rights Reserved

7.5. Entitlements



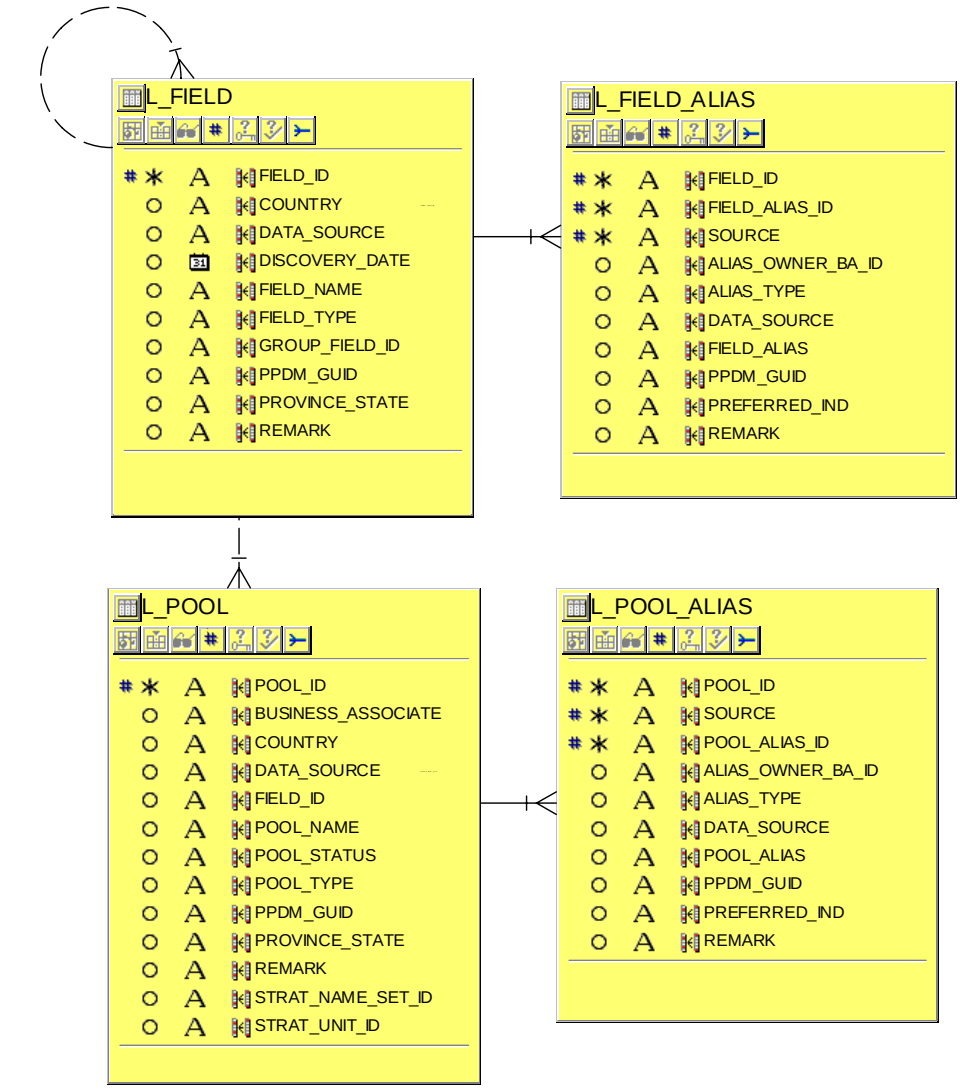
Copyright 2007, PPDM Association, All Rights Reserved

7.6. Facilities



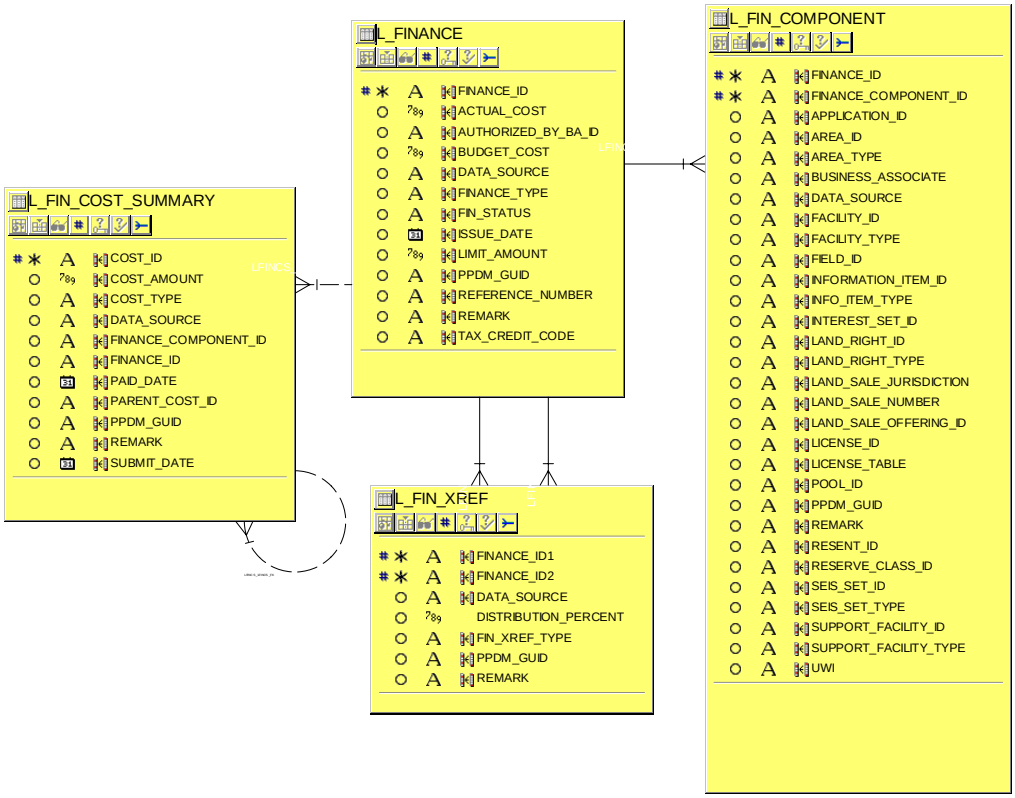
Copyright 2007, PPDM Association, All Rights Reserved

7.7. Fields and Pools



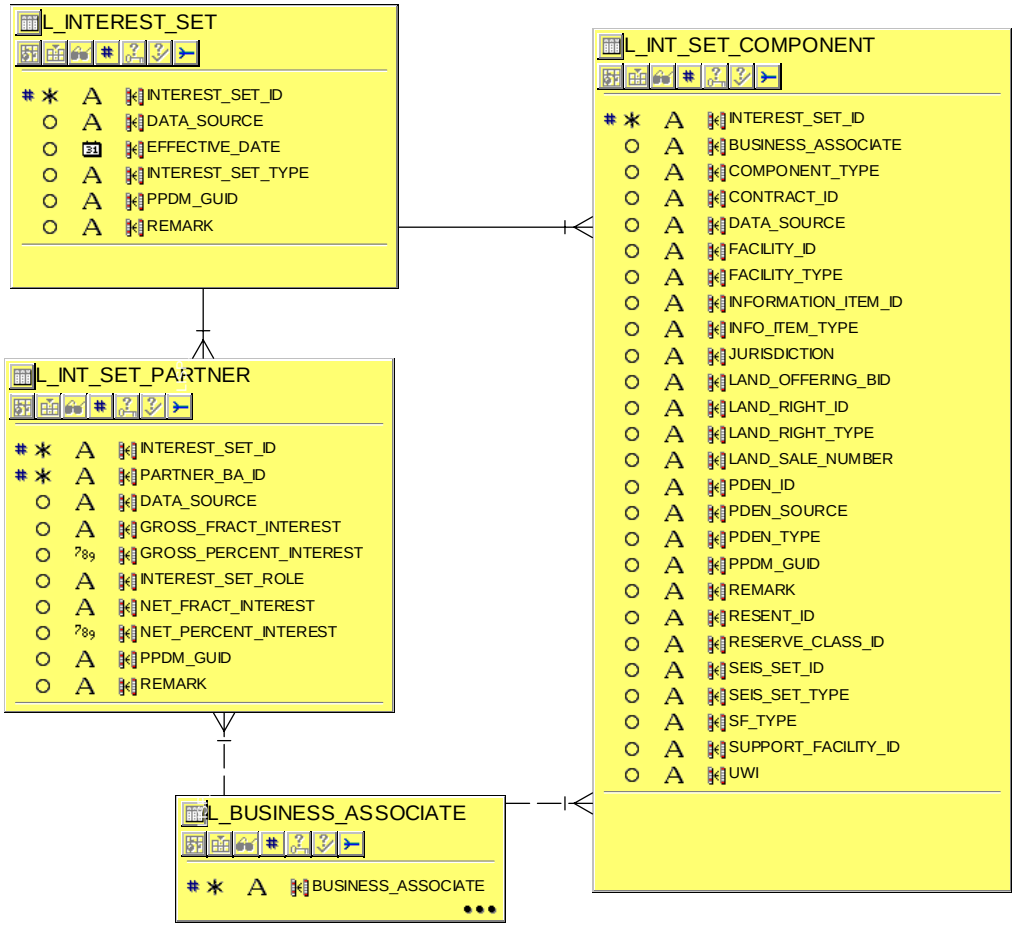
Copyright 2007, PPDM Association, All Rights Reserved

7.8. Financial



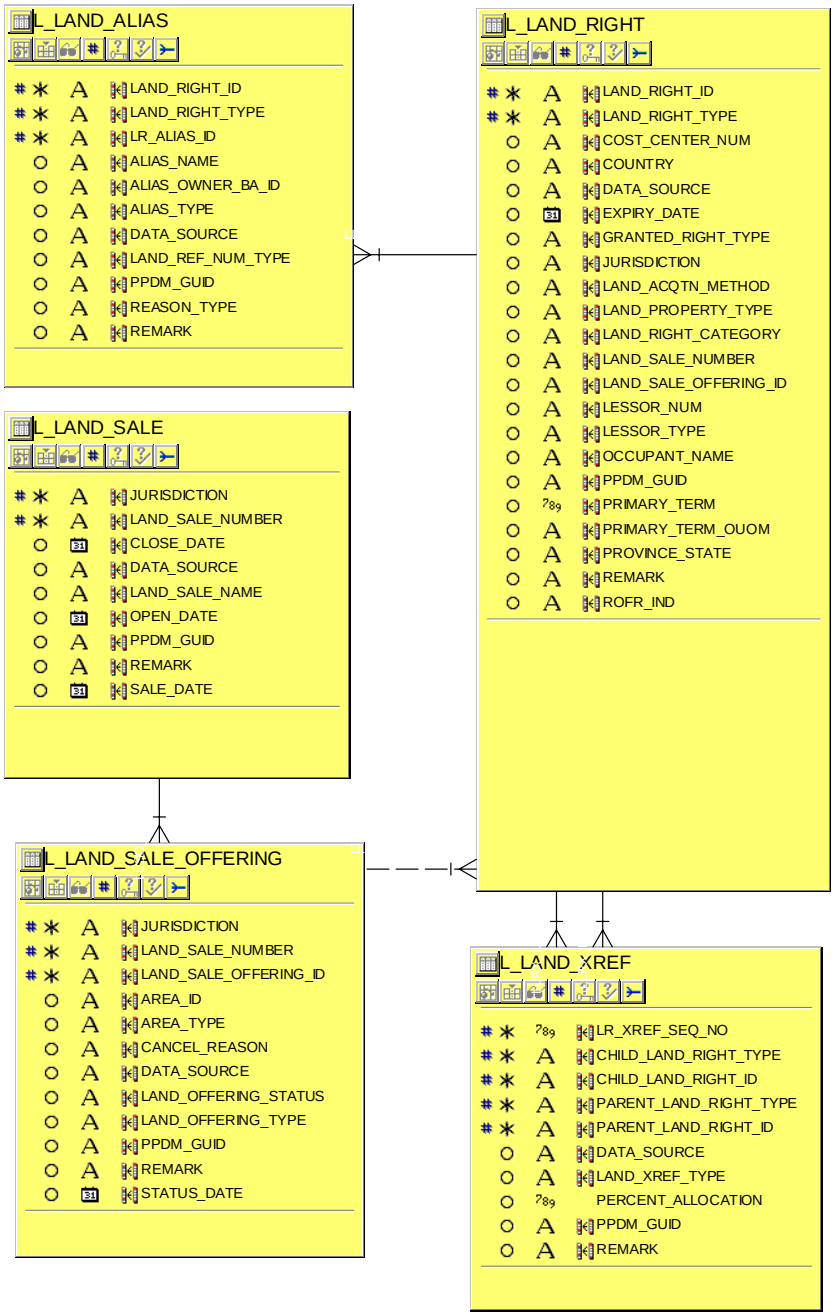
Copyright 2007, PPDM Association, All Rights Reserved

7.9. Interest Sets



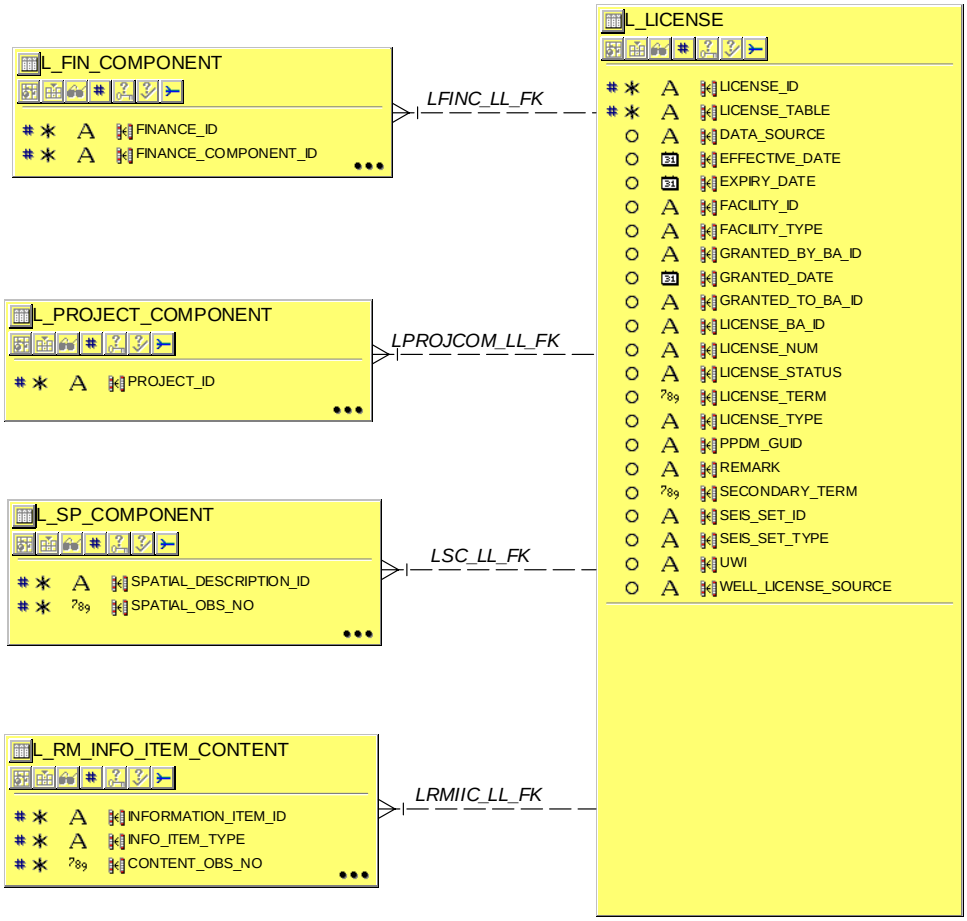
Copyright 2007, PPDM Association, All Rights Reserved

7.10. Land



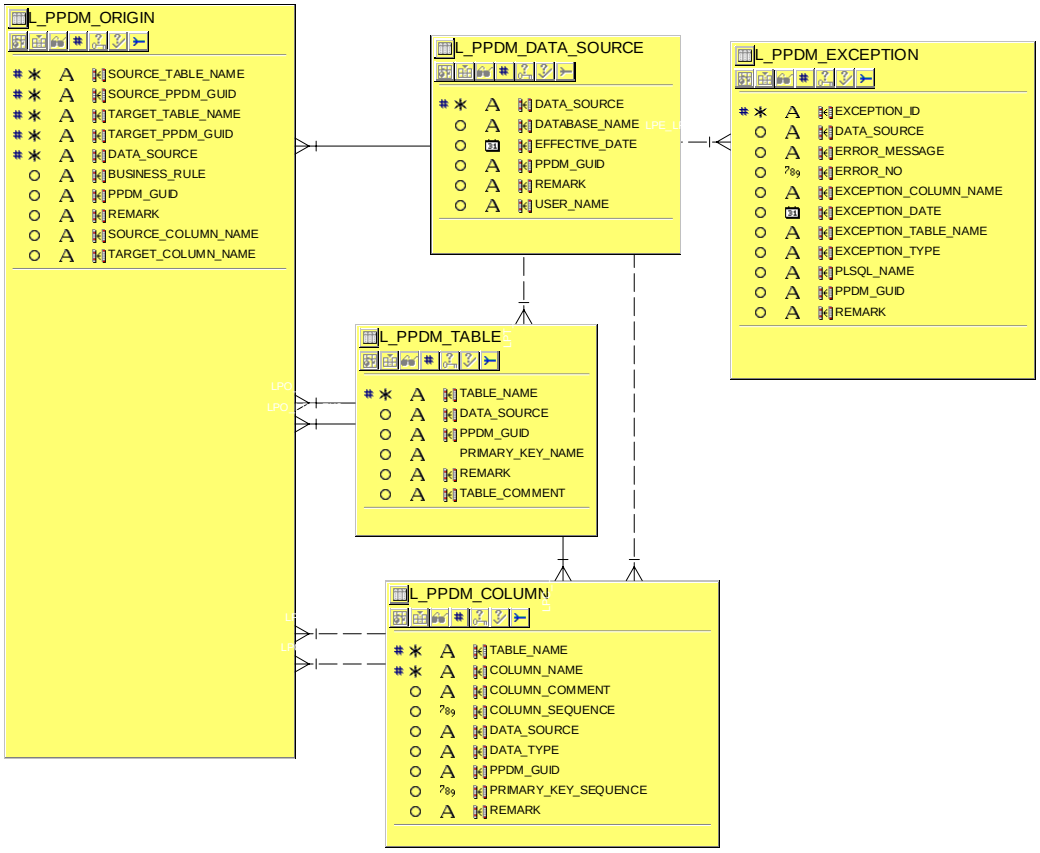
Copyright 2007, PPDM Association, All Rights Reserved

7.11. Licenses



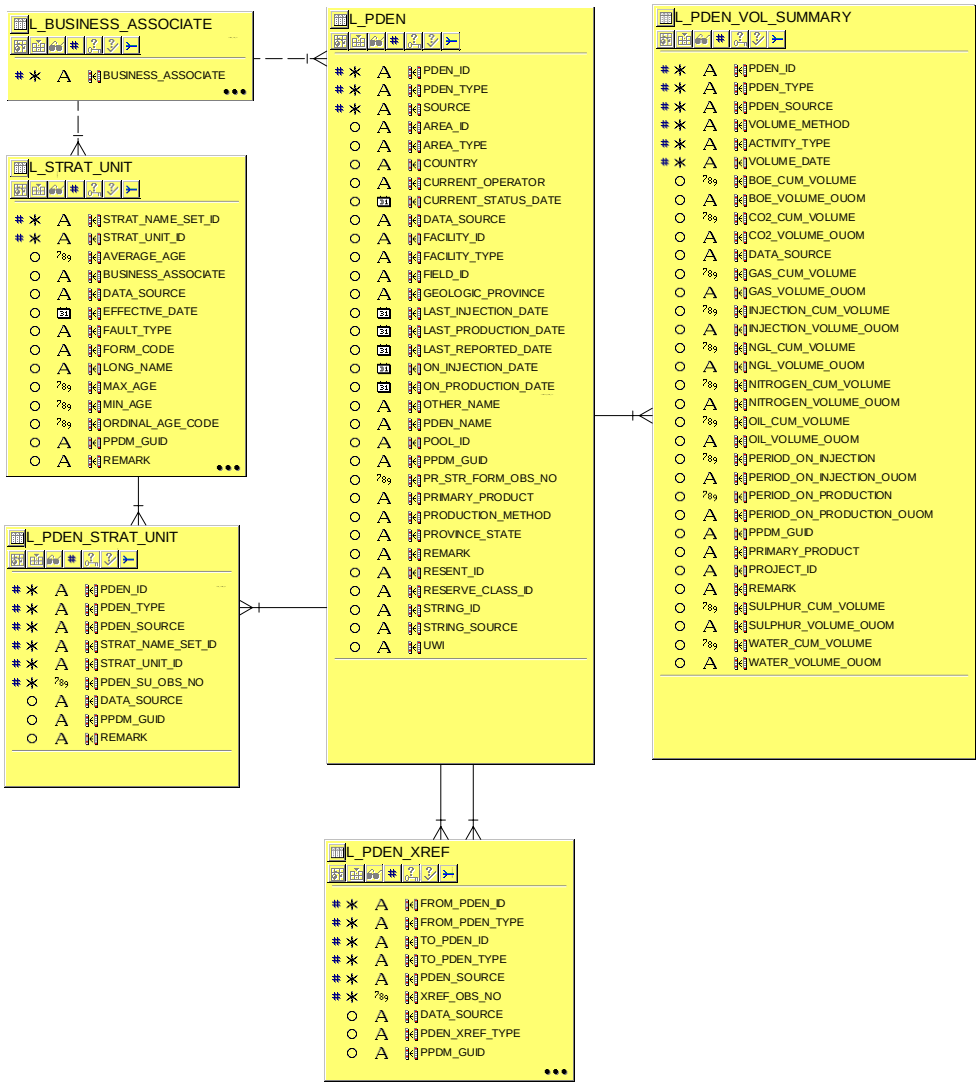
Copyright 2007, PPDM Association, All Rights Reserved

7.12. Meta Model



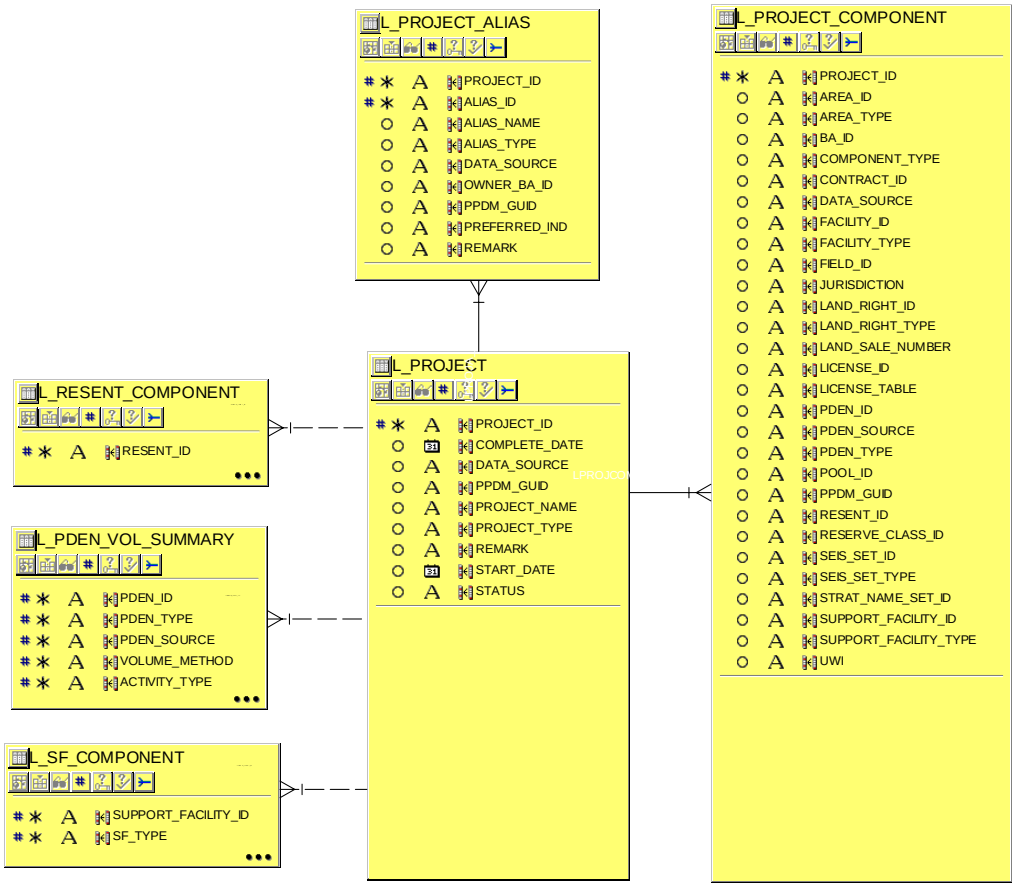
Copyright 2007, PPDM Association, All Rights Reserved

7.13. Production



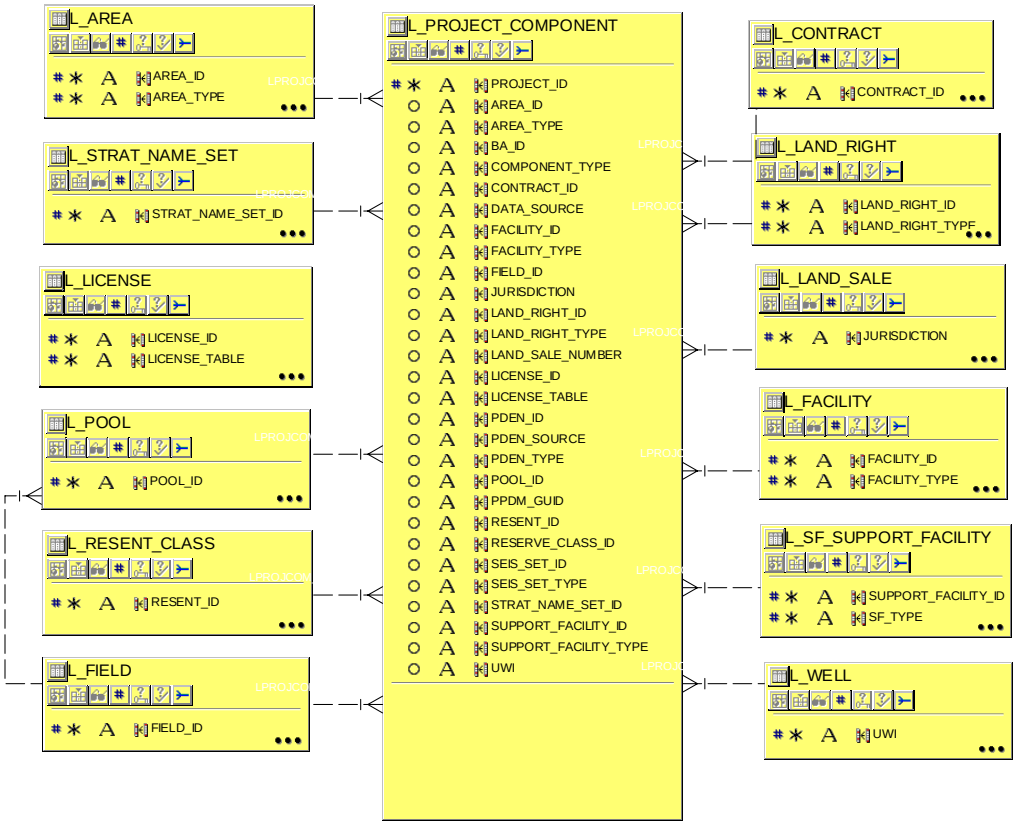
Copyright 2007, PPDM Association, All Rights Reserved

7.14. Projects



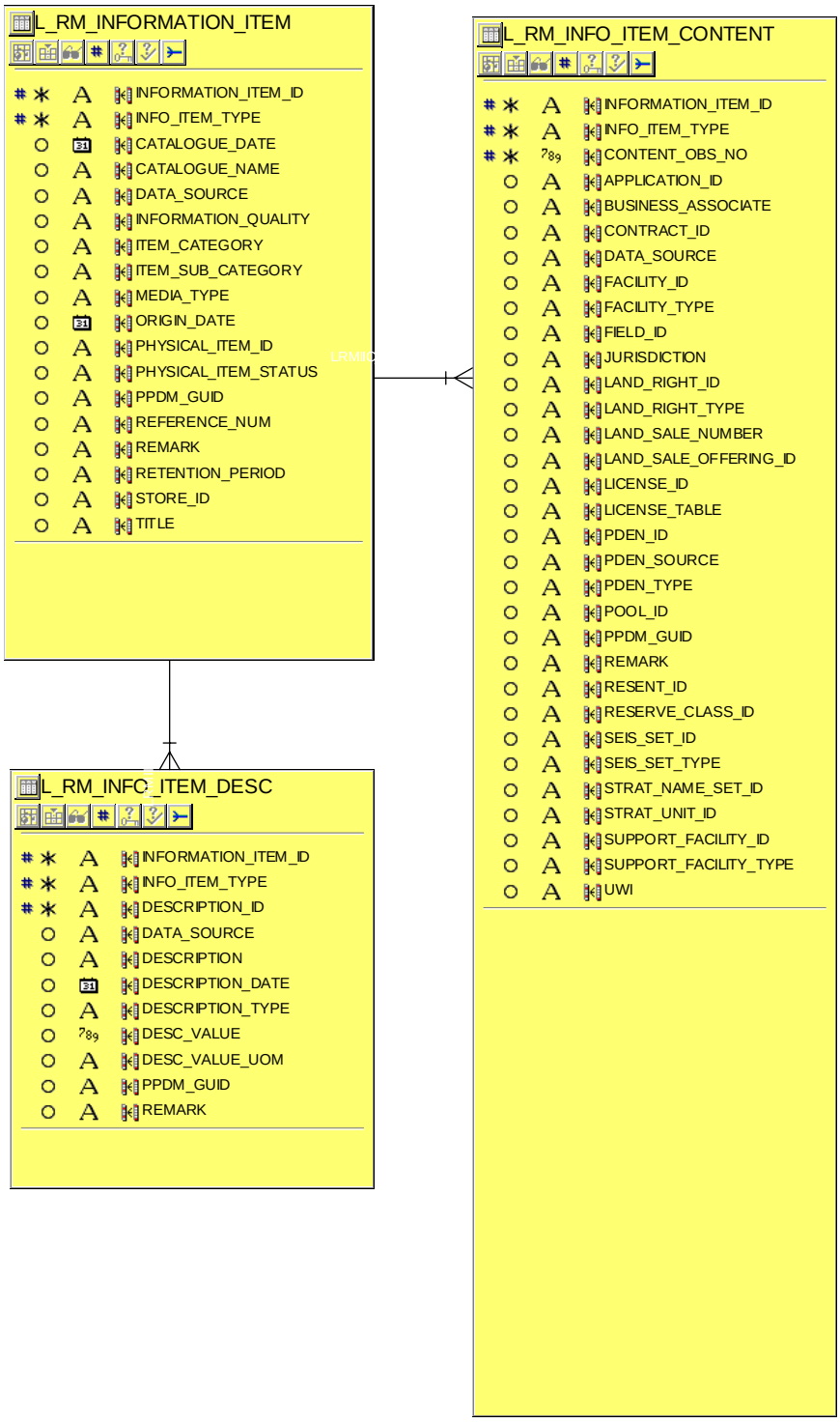
Copyright 2007, PPDM Association, All Rights Reserved

7.15. Project components



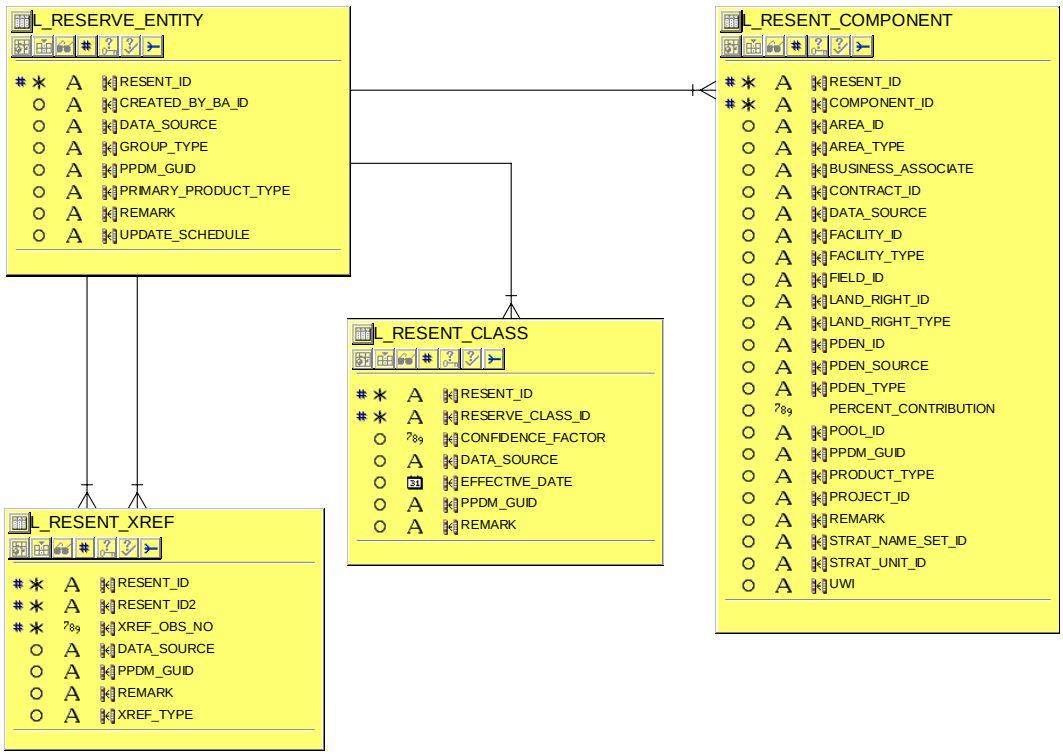
Copyright 2007, PPDM Association, All Rights Reserved

7.16. Records Management



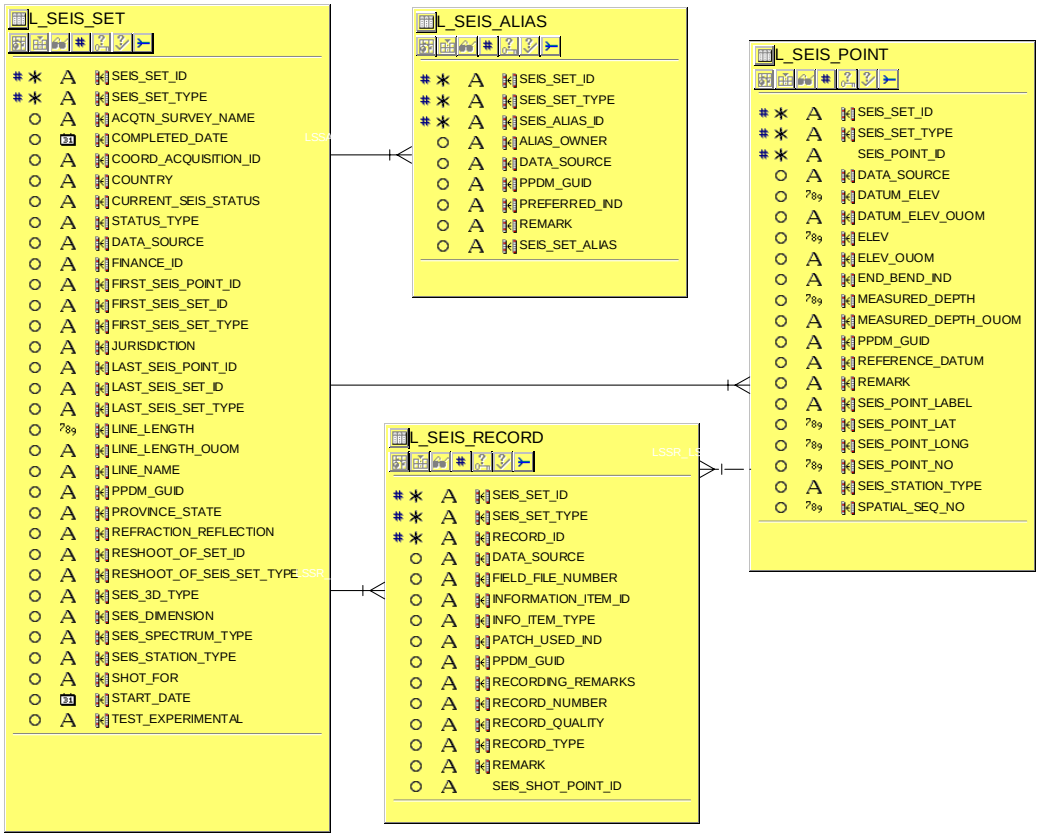
Copyright 2007, PPDM Association, All Rights Reserved

7.17. Reserves



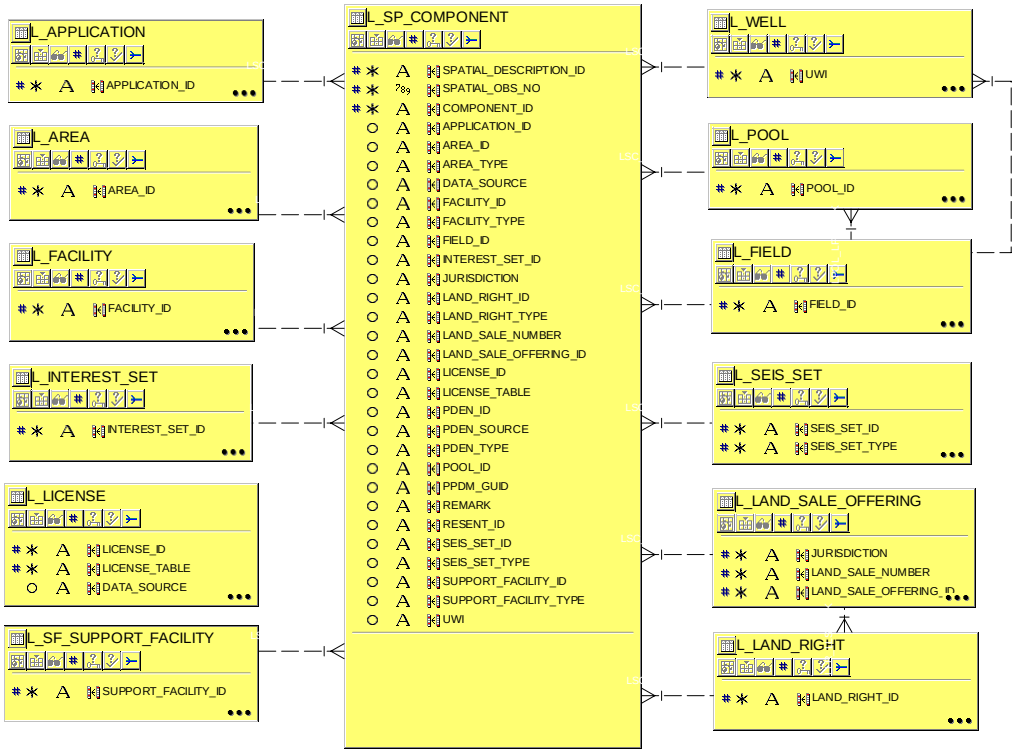
Copyright 2007, PPDM Association, All Rights Reserved

7.18. Seismic Sets



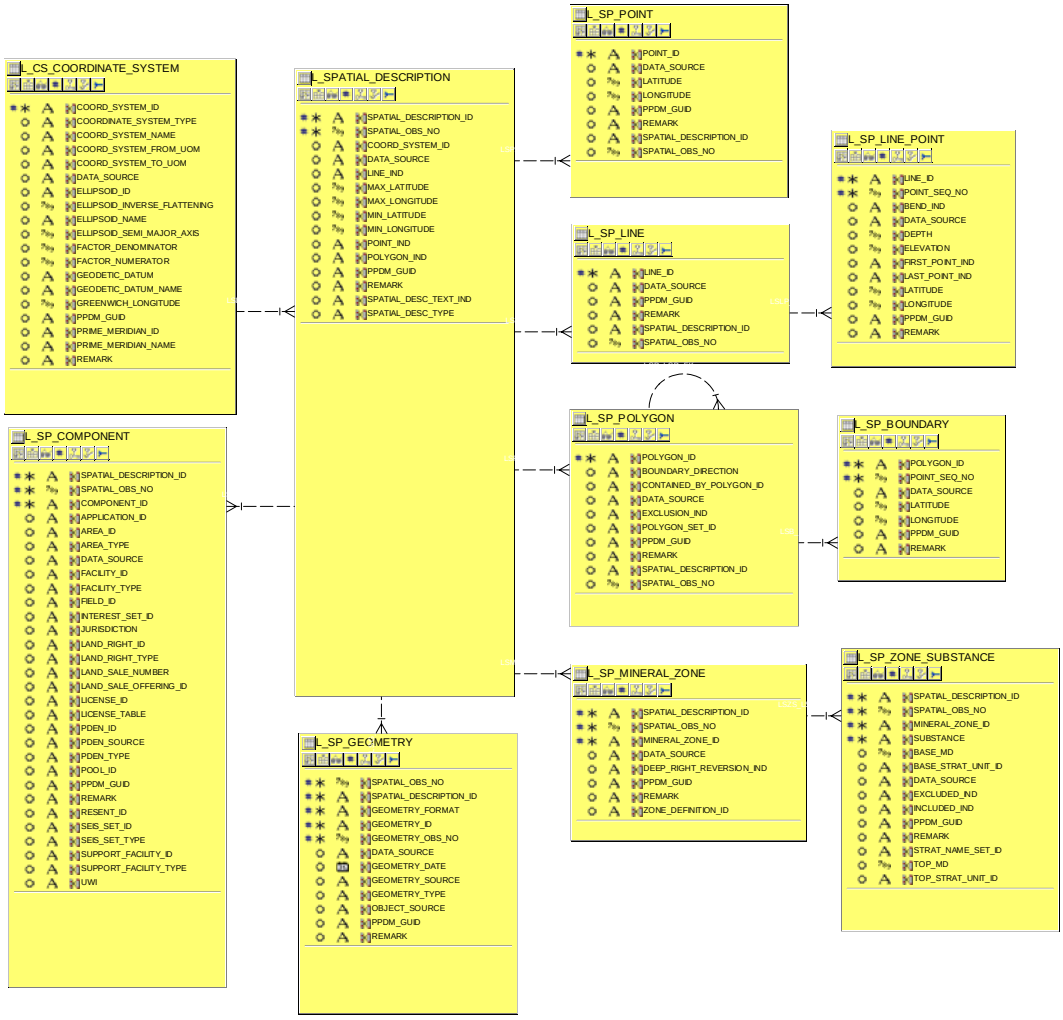
Copyright 2007, PPDM Association, All Rights Reserved

7.19. Spatial Components



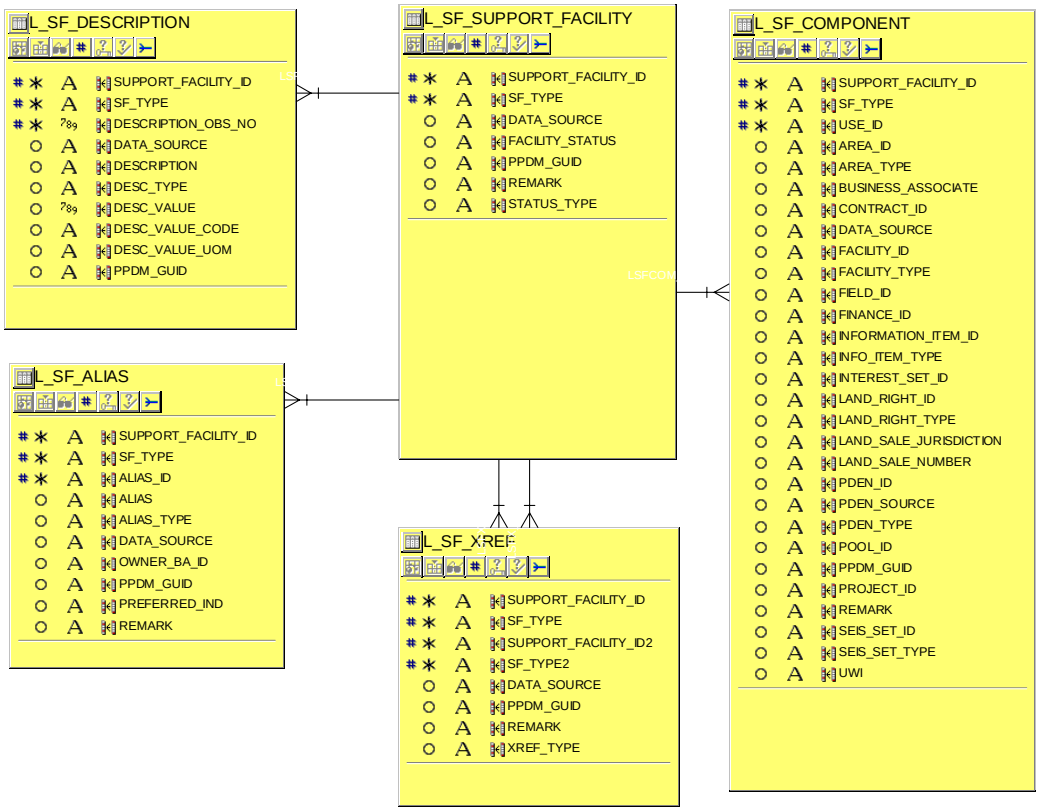
Copyright 2007, PPDM Association, All Rights Reserved

7.20. Spatial Descriptions



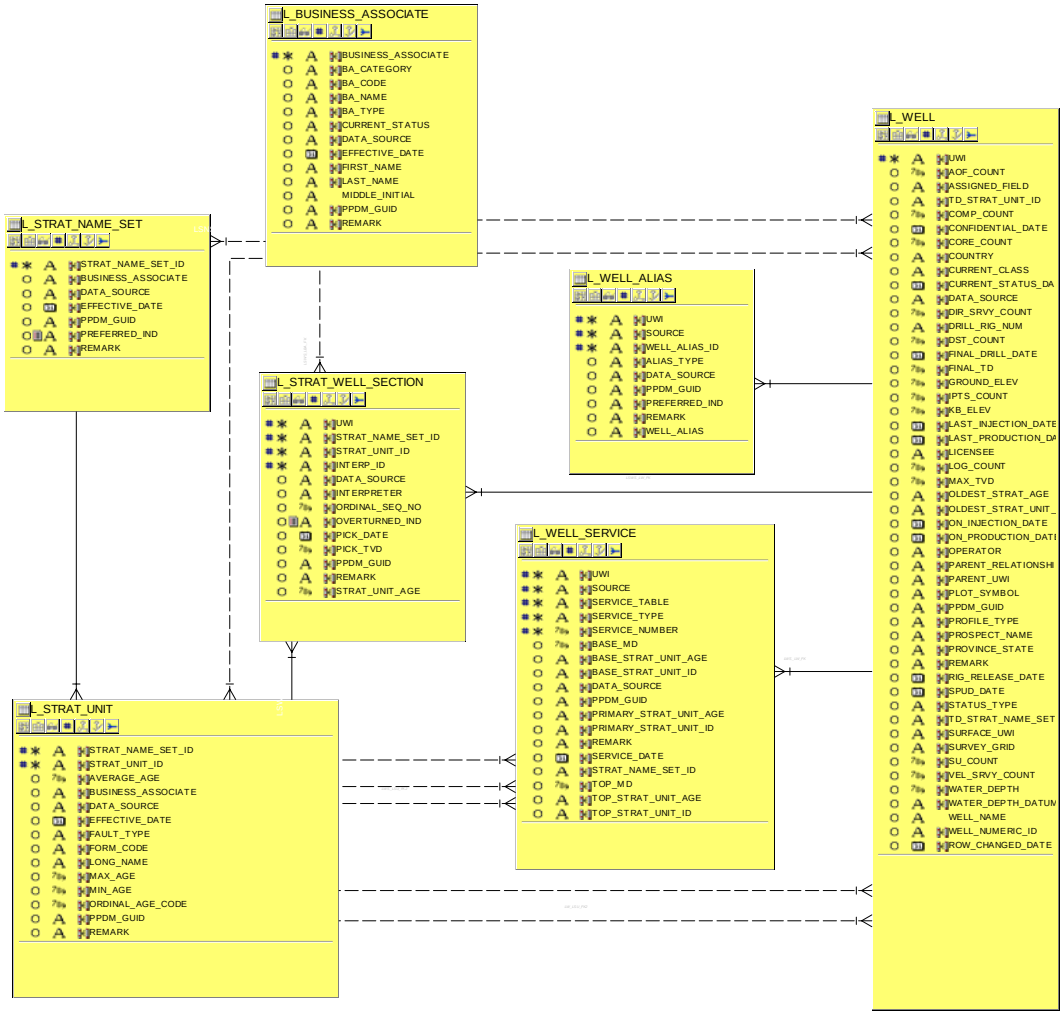
Copyright 2007, PPDM Association, All Rights Reserved

7.21. Support Facilities



Copyright 2007, PPDM Association, All Rights Reserved

7.22. Wells



Copyright 2007, PPDM Association, All Rights Reserved

Table Name: L_APPLICATION

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
APPLICATION_ID	Not Null	VARCHAR2	20	P		APPLICATION ID: Unique identifier for applications you make for continuations, licenses etc. to the government.
APPLICATION_TYPE		VARCHAR2	20			APPLICATION TYPE: continuation, groupings, license validations, offset notice appeal, selections, grouping, continuation, significant discovery area, significant discovery license, expiry notification, commercial discovery area, production license. The type of application being made, such as application to drill, application to extend a land right, application to conduct geophysical operations etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DECISION		VARCHAR2	20			APPLICATION DECISION: The decision on the applicaiton,such as approved, denied etc.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
RECEIVED_DATE		DATE	7			RECEIVED DATE: The date that this application was received.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
RESUBMISSION_IND		VARCHAR2	1			RESUBMISSION IND: Indicates that the application was resubmitted, and this row describes the resubmission of a previous row.
SUBMITTED_DATE		DATE	7			SUBMITTED DATE: The date this application was submitted.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_AREA

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
AREA_ID	Not Null	VARCHAR2	20	P		AREA ID: Unique identifier for any named area such as a country, province, project area, area of interest, offshore area, district etc.
AREA_TYPE	Not Null	VARCHAR2	20	P		AREA TYPE: Unique identifier for the type of area, such as country, state, AOI etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PREFERRED_NAME		VARCHAR2	60			PREFERRED NAME: The name by which the area is usually known.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_AREA_ALIAS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
AREA_ID	Not Null	VARCHAR2	20	P	L_AREA	AREA ID: Unique identifier for any named area such as a country, province, project area, area of interest, offshore area, district etc.
AREA_TYPE	Not Null	VARCHAR2	20	P	L_AREA	AREA TYPE ID: Unique identifier for the type of area, such as country, state, AOI etc.
AREA_ALIAS_ID	Not Null	VARCHAR2	20	P		AREA NAME ID: unique identifier for the version of the area name
ALIAS_OWNER_BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	ALIAS OWNER BUSINESS ASSOCIATE: unique identifier for the business associate who owns this alias.
ALIAS_TYPE		VARCHAR2	20			ALIAS TYPE: The type of alias, such as partner, historical, records etc.
AREA_FULL_NAME		VARCHAR2	60			AREA NAME: ALTERNATE (or full) NAME OF THE AREA
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PREFERRED_IND		VARCHAR2	1			PREFERRED INDICATOR: A yes / no flag indicating that this row is the preferred version, and should be used by default.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_BA_ADDRESS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
BUSINESS_ASSOCIATE	Not Null	VARCHAR2	20	P	L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
SOURCE	Not Null	VARCHAR2	30	P		SOURCE: The individual, company, agency, application or other source designated as the source of information for this row.
ADDRESS_OBS_NO	Not Null	NUMBER	8, 0	P		ADDRESS OBSERVATION NUMBER: A number used to uniquely identifying an address for a Business Associate.
ADDRESS_TYPE		VARCHAR2	20			ADDRESS TYPE: The unique identifier for the reference table.
CITY_ID		VARCHAR2	20			R CITY: the name of a city.
COUNTRY		VARCHAR2	20			REFERENCE COUNTRY: A reference table identifying a division of land, political nation or territory. For example Austria, Canada, United Kingdom, USA, Venezula.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EMAIL_ADDRESS		VARCHAR2	80			EMAIL ADDRESS: The email address of this business associate.
FAX_NUM		VARCHAR2	60			FAX NUMBER: The primary fax number for this business associate.
FIRST_ADDRESS_LINE		VARCHAR2	80			ADDRESS LINE 1: Description or text of the first line of the address for a business associate.
PHONE_NUM		VARCHAR2	60			PHONE NUMBER: The default phone number for this business associate.
POSTAL_ZIP_CODE		VARCHAR2	60			POSTAL ZIP CODE: Code number assigned by the postal service identifying a mail delivery zone.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PROVINCE_STATE		VARCHAR2	60			PROVINCE STATE: A reference table identifying valid states, provinces or other political subdivisions of countries. For example, Colorado, Texas in the US, Alberta in Canada
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SECOND_ADDRESS_LINE		VARCHAR2	80			ADDRESS LINE 2: Description or text of second line of address for a business associate.
THIRD_ADDRESS_LINE		VARCHAR2	80			ADDRESS LINE 3: Description or text of third line of address for a business associate.
WEB_URL		VARCHAR2	80			WEB UNIVERSAL RESOURCE LOCATOR: the primary web address for this business associate.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_BA_ALIAS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
BUSINESS_ASSOCIATE	Not Null	VARCHAR2	20	P	L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
SOURCE	Not Null	VARCHAR2	30	P		SOURCE: The individual, company, agency, application or other source designated as the source of information for this row.
BA_ALIAS_ID	Not Null	VARCHAR2	20	P		NAME ALIAS IDENTIFIER : ID for an alias name by which the business associate is known.
ALIAS_NAME		VARCHAR2	60			ALIAS NAME: A name assigned by another organization or application.
ALIAS_TYPE		VARCHAR2	20			ALIAS TYPE: The type of alias, such as partner, historical, records etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PREFERRED_IND		VARCHAR2	1			PREFERRED INDICATOR: A yes / no flag indicating that this row is the preferred version, and should be used by default.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_BUSINESS_ASSOCIATE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
BUSINESS_ASSOCIATE	Not Null	VARCHAR2	20	P		BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
BA_CATEGORY		VARCHAR2	20			BA CATEGORY: The category that the business associate is in. For a company, may be legal company, sole proprietership, corporation etc
BA_CODE		VARCHAR2	20			BA CODE: Special code assigned to the BA by a company for internal reference purposes
BA_NAME		VARCHAR2	240			BUSINESS ASSOCIATE LONG NAME: The legal name of a business associate. (that which has been registered with a corporate registry).
BA_TYPE		VARCHAR2	20			BUSINESS ASSOCIATE TYPE: This value is validated by check constraint to ensure the value is in COMPANY, CONSORTIUM, GOVERNMENT or PERSON. Indicates which of the valid sub-types of business associate is referenced.
CURRENT_STATUS		VARCHAR2	20			BUSINESS ASSOCIATE STATUS: The current status of the Business Associate, such as Active, In Receivership, Sold, Merged.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EFFECTIVE_DATE		DATE	7			EFFECTIVE DATE: Date on which the item became a viable entity.
FIRST_NAME		VARCHAR2	30			FIRST NAME: where the Business Associate is a person, the usual first name.
LAST_NAME		VARCHAR2	60			LAST NAME: where the Business Associate is a person, the last name in full.
MIDDLE_INITIAL		VARCHAR2	30			MIDDLE INITIAL: where the Business Associate is a person, the middle initial.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_CONT_ALIAS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
CONTRACT_ID	Not Null	VARCHAR2	20	P	L_CONTRACT	CONTRACT ID: Unique identifier for the contract table.
ALIAS_ID	Not Null	VARCHAR2	20	P		ALIAS IDENTIFIER: Unique identifier for the project alias.
ALIAS_NAME		VARCHAR2	60			ALIAS NAME: A name assigned by another organization or application.
ALIAS_OWNER		VARCHAR2	20		L_BUSINESS_ASSOCIATE	ALIAS OWNER: the business associate who is the owner of the alias or alternate identifier.
ALIAS_TYPE		VARCHAR2	20			ALIAS TYPE: The type of alias, such as partner, historical, records etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_CONT_EXTENSION

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
CONTRACT_ID	Not Null	VARCHAR2	20	P	L_CONTRACT	CONTRACT ID: Unique identifier for the contract table.
EXTENSION_ID	Not Null	VARCHAR2	20	P		CONTRACT EXTENSION IDENTIFIER: unique identifier for the contract extension.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EXTENSION_TYPE		VARCHAR2	20			CONTRACT EXTENSION TYPE: the type of extension that has been granted for the contract. May be based on production status, statute, contract conditions etc
ISSUED_BY		VARCHAR2	20		L_BUSINESS_ASSOCIATE	ISSUED BY: The business associate who issued the extension.
ISSUED_DATE		DATE	7			ISSUED DATE: The date that the extension was issued.
LAND_RIGHT_ID		VARCHAR2	20			LAND RIGHT ID: Unique Identifier for the land right.A land right is the rights you have to land, regardless of how obtained.It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE		VARCHAR2	30			LAND RIGHT TYPE: This column is used to enforce the relationshipbetween LAND RIGHT and its subtypes.The value must be equal to the name of one of the valid subtypes: LAND_AGREEMENT, LAND_AGREE_PART,LAND_LEASE, LAND_GRANTED_RIGHT, LAND_UNIT, LAND_UNIT_TRACT orLAND_TITLE.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_CONTRACT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
CONTRACT_ID	Not Null	VARCHAR2	20	P		CONTRACT ID: Unique identifier for the contract table.
CONFIDENTIAL_IND		VARCHAR2	1			CONFIDENTIAL INDICATOR: A yes/no flag indicating that the contract isconsidered confidential.
CONTRACT_NAME		VARCHAR2	100			CONTRACT NAME: The full name of the contract as it appears on the formal document.
CONTRACT_NUM		VARCHAR2	20			CONTRACT NUMBER: The primary or usually accessedfile number assigned to the contract. Alternate name and numbers reside in theCONT ALIAS table.
CONTRACT_TYPE		VARCHAR2	20			CONTRACT TYPE: List of valid types of contract, such as pooling agreement, joint venture, joint operating agreement, farm-out.
CURRENT_OPERATOR		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
CURRENT_STATUS		VARCHAR2	20			BUSINESS ASSOCIATE STATUS: The current status of the Business Associate, such as Active, In Receivership, Sold, Merged.
CURRENT_STATUS_DATE		DATE	7			CURRENT STATUS DATE: Date of the current status of the well.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DEV_PENALTY_PERCENT		NUMBER	15, 11			DEVELOPMENT PENALTY PERCENT: The percentage penalty for non-participation by one or more business associates for a development well. (i.e. the participants are allowed to recover 300% of development costs before non-participant can share in future revenue and expenses)
EQUIP_PENALTY_PERCENT		NUMBER	15, 11			EQUIPPING PENALTY PERCENT: The percentage penalty on equipping costs for an independent operation, development or exploratory well to be recovered by participants before non-participants share in revenue and expenses for the well. (CAPL 71,74,81 is 100% and CAPL 90 is 200%)
EXPIRY_DATE		DATE	7			EXPIRY DATE: Date on which the data in this row of data was no longer in effect.
EXPL_PENALTY_PERCENT		NUMBER	15, 11			EXPLORATORY WELL PENALTY: The percentage penalty for non-participation in an exploratory well by a business associate for the recovery of costs by participants before non-participant(s) are allowed to share in revenue and expenses of the well. (e.g. CAPL 71 is 400%)
MKTG_FEE_ELECT_PERCENT		NUMBER	15, 11			MARKETING FEE ELECTION PERCENT: The percent that is associated with this marketing fee election.
OPERATING_PROCEDURE_TYPE		VARCHAR2	20			OPERATING PROCEDURE CODE: the version of a standard operating procedure that you are using.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
ROFR_IND		VARCHAR2	1			RIGHT OF FIRST REFUSAL INDICATOR: a yes / no flag indicating that there is a right of first refusal (ROFR) associated with this agreement.
TERMINATION_DATE		DATE	7			TERMINATION DATE: The date on which the contract was terminated. (e.g.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_CONTRACT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
						occurs when all associated land rights have expired or when allobligations of a contract have been met and no further operations arerequired)

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_CONTRACT_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
CONTRACT_ID	Not Null	VARCHAR2	20	P	L_CONTRACT	CONTRACT ID: Unique identifier for the contract table.
COMPONENT_ID	Not Null	VARCHAR2	20	P		COMPONENT IDENTIFIER: Unique identifier for the component of the spatial description.
APPLICATION_ID		VARCHAR2	20		L_APPLICATION	APPLICATION ID: Unique identifier for applications you make for continuations, licenses etc. to the government.
AREA_ID		VARCHAR2	20		L_AREA	AREA ID: Unique identifier for any named area such as a country, province, project area, area of interest, offshore area, district etc.
AREA_TYPE		VARCHAR2	20		L_AREA	AREA TYPE ID: Unique identifier for the type of area, such as country, state, AOI etc.
BUSINESS_ASSOCIATE		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_ID		VARCHAR2	20		L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE		VARCHAR2	20		L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
FIELD_ID		VARCHAR2	20		L_FIELD	FIELD IDENTIFIER: Unique identifier for the field.
INFORMATION_ITEM_ID		VARCHAR2	20		L_RM_INFORMATION_ITEM	INFORMATION ITEM ID: The unique identifier for an information item
INFO_ITEM_TYPE		VARCHAR2	30		L_RM_INFORMATION_ITEM	INFORMATION ITEM TYPE: The type of information item. May be one of The valid types of Information item as defined by check constraints.
JURISDICTION		VARCHAR2	20		L_LAND_SALE_OFFERING	BUSINESS ASSOCIATE: Unique identifier for the jurisdiction that is managing the land sale or bidding round.
LAND_RIGHT_ID		VARCHAR2	20		L_LAND_RIGHT	LAND RIGHT ID: Unique Identifier for the land right. A land right is the rights you have to land, regardless of how obtained. It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE		VARCHAR2	30		L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationship between LAND RIGHT and its subtypes.
LAND_SALE_NUMBER		VARCHAR2	30		L_LAND_SALE_OFFERING	LAND SALE NUMBER: A unique identifier for the land sale
LAND_SALE_OFFERING_ID		VARCHAR2	20		L_LAND_SALE_OFFERING	LAND SALE OFFERING ID: Unique identifier for the land sale offering.
PDEN_ID		VARCHAR2	40		L_PDEN	PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
PDEN_SOURCE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
PDEN_TYPE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY TYPE: the type of production entity may be equal to one of the table names of the PDEN subtype tables, such as PDEN_WELL, PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_CONTRACT_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
REASON_TYPE		VARCHAR2	20			Alias Reason Type: The unique identifier for the reference table.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SEIS_SET_ID		VARCHAR2	20			SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE		VARCHAR2	30			SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data. Valid entries include SEIS_LINE, SEIS_SEGMENT, SEIS_SURVEY, SEIS_PLAN, SEIS_WELL, SEIS_PROC_SET, SEIS_INTERP_SET or SEIS_3D.
SUPPORT_FACILITY_ID		VARCHAR2	20		L_SF_SUPPORT_FACILITY	SUPPORT FACILITY IDENTIFIER: Unique identifier for the support facility. A support facility provides operational support for activities. These facilities may include roads, transmission towers, airstrips, vessels, docks and so on.
SUPPORT_FACILITY_TYPE		VARCHAR2	30		L_SF_SUPPORT_FACILITY	SUPPORT FACILITY TYPE: The type of support facility that is described by this row of data.These values are managed by check constraint, and may only be the name of a valid sub type of support facility.
UWI		VARCHAR2	20		L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_CS_COORDINATE_SYSTEM

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
COORD_SYSTEM_ID	Not Null	VARCHAR2	20	P		COORDINATE SYSTEM ID: unique identifier for the coordinate system.
COORDINATE_SYSTEM_TYPE		VARCHAR2	20			COORDINATE SYSTEM TYPE: The type of coordinate system. Will include Geographic coordinate system, local spatial coordinate system, Geocentric coordinate system, Map Grid coordinate system, and vertical coordinate system. Geocentric is typically not used and it is strongly recommended not to use vertical coordinate systems, as the model is not complete in this area.
COORD_SYSTEM_FROM_UOM		VARCHAR2	20			COORDINATE SYSTEM UNITS OF MEASURE: The unit of measure associatedwith this coordinate system (i.e. meters for UTM, decimal degrees for WGS 84)
COORD_SYSTEM_NAME		VARCHAR2	60			COORDINATE SYSTEM NAME: The name of the coordinate system.
COORD_SYSTEM_TO_UOM		VARCHAR2	20			COORDINATE SYSTEM TO UNITS OF MEASURE: The unit of measure associated with this coordinate system (i.e. meters for UTM, decimal degrees for WGS 84)
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
ELLIPSOID_ID		VARCHAR2	20			ELLIPSOID IDENTIFIER: Unique identifier for the ellipsoids of revolution.
ELLIPSOID_INVERSE_FLATTENING		NUMBER	15, 11			ELLIPSOID INVERSE FLATTENING: The degree of flattening of the ellipsoid from a spherical shape. The flattening value f=(a-b)/a where a is the semi-major axis and b is the semi-minor axis of the ellipsoid.
ELLIPSOID_NAME		VARCHAR2	60			ELLIPSOID NAME: Common name given to the ellipsoid.
ELLIPSOID_SEMI_MAJOR_AXIS		NUMBER	22, 9			ELLIPSOID SEMI MAJOR AXIS: The length (in meters) of the semi-major axis of the ellipsoid.
FACTOR_DENOMINATOR		NUMBER	8, 0			NUMERIC DENOMINATOR:: ((From_Unit_Name + Pre_Offset) * factor_Numerator/Factor_Denominator)) + Post_Offset == To_Unit_Name
FACTOR_NUMERATOR		NUMBER	8, 0			FACTOR NUMERATOR:: ((From_Unit_Name + Pre_Offset) * (Factor_Numerator/Factor_Denominator)) + Post_Offset == To_Unit_Name
GEODETIC_DATUM		VARCHAR2	20			GEODETIC DATUM IDENTIFIER: Unique identifier for the geodetic datum.
GEODETIC_DATUM_NAME		VARCHAR2	60			GEODETIC DATUM NAME: Common name given to the geodetic datum.
GREENWICH_LONGITUDE		NUMBER	12, 7			GREENWICH LONGITUDE: Longitude of the Prime Meridian as reckoned from the Greenwich meridian. East longitude are positive, West longitude are negative.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PRIME_MERIDIAN_ID		VARCHAR2	20			PRIME MERIDIAN IDENTIFER: Unique identifier for the Prime Meridian.
PRIME_MERIDIAN_NAME		VARCHAR2	60			PRIME MERIDIAN NAME: Common name for the Prime Meridian.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_ENT_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
ENTITLEMENT_ID	Not Null	VARCHAR2	20	P	L_ENTITLEMENT	ENTITLEMENT IDENTIFIER: Unique identifier for the row in the entitlement table.
COMPONENT_ID	Not Null	VARCHAR2	20	P		COMPONENT IDENTIFIER: Unique identifier for the component of the spatial description.
AREA_ID		VARCHAR2	20		L_AREA	AREA ID: Unique identifier for any named area such as a country, province, project area, area of interest, offshore area, district etc.
AREA_TYPE		VARCHAR2	20		L_AREA	AREA TYPE ID: Unique identifier for the type of area, such as country, state, AOI etc.
BUSINESS_ASSOCIATE		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
CONTRACT_ID		VARCHAR2	20		L_CONTRACT	CONTRACT ID: Unique identifier for the contract table.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DESCRIPTION		VARCHAR2	2000			DESCRIPTION: Short textual description for the item.
ENT_COMP_TYPE		VARCHAR2	20			ENTITLEMENT COMPONENT TYPE: The type of entitlement component, or the reason why a business object is associated with this entitlement. For example, a contract may be associated because it governs the conditions of the entitlement, or a seismic set may be associated because access toits acquisition products are controled by the entitlement.
ENT_RULE		VARCHAR2	2000			ENTITLEMENT RULE: Business or logical rule that the data must adhere to for the entitlement to be enforced. Can be a SQL select statement, a procedure call or a description.
FACILITY_ID		VARCHAR2	20		L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE		VARCHAR2	20		L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
FIELD_ID		VARCHAR2	20		L_FIELD	FIELD IDENTIFIER: Unique identifier for the field.
INFORMATION_ITEM_ID		VARCHAR2	20		L_RM_INFORMATION_ITEM	INFORMATION ITEM ID: The unique identifier for an information item
INFO_ITEM_TYPE		VARCHAR2	30		L_RM_INFORMATION_ITEM	INFORMATION ITEM TYPE: The type of information item. May be one of The valid types of Information item as defined by check constraints.
INTEREST_SET_ID		VARCHAR2	20		L_INTEREST_SET	INTEREST SET IDENTIFIER: unique identifier for the interest set.
LAND_RIGHT_ID		VARCHAR2	20		L_LAND_RIGHT	LAND RIGHT ID: Unique Identifier for the land right.A land right is the rights you have to land, regardless of how obtained.It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE		VARCHAR2	30		L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationshipbetween LAND RIGHT and its subtypes.The value must be equal to the name of one of the valid subtypes: LAND_AGREEMENT, LAND_AGREE_PART,LAND_LEASE, LAND_GRANTED_RIGHT, LAND_UNIT, LAND_UNIT_TRACT orLAND_TITLE.
PDEN_ID		VARCHAR2	40		L_PDEN	PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_ENT_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
						specific production entity source and type.
PDEN_SOURCE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
PDEN_TYPE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY TYPE: the type of production entity may be equal to one of the table names of the PDEN subtype tables, such as PDEN_WELL,
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
RESENT_ID		VARCHAR2	20		L_RESERVE_ENTITY	RESERVE ENTITY IDENTIFIER: Unique identifier for the reserves entity.
SEIS_SET_ID		VARCHAR2	20		L_SEIS_SET	SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE		VARCHAR2	30		L_SEIS_SET	SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data. Valid entries include SEIS_LINE, SEIS_SEGMENT, SEIS_SURVEY, SEIS_PLAN, SEIS_WELL, SEIS_PROC_SET, SEIS_INTERP_SET or SEIS_3D.
UWI		VARCHAR2	20		L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_ENT_GROUP

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
ENTITLEMENT_ID	Not Null	VARCHAR2	20	P	L_ENTITLEMENT	ENTITLEMENT IDENTIFIER: Unique identifier for the row in the entitlement table.
SECURITY_GROUP_ID	Not Null	VARCHAR2	20	P		SECURITY GROUP ID: Unique identifier for the security group. A security group identifies a set of users (or companies or organizations) who have a defined set of access attributes based on a business function or activity.
ACCESS_TYPE		VARCHAR2	20			ACCESS TYPE: The type of access that has been granted to this group for the entitlement.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EFFECTIVE_DATE		DATE	7			EFFECTIVE DATE: Date on which the item became a viable entity.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
RESTRICTION_DESC		VARCHAR2	240			RESTRICTION DESCRIPTION: description of the restrictions that are applied to this group's entitlement.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_ENTITLEMENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
ENTITLEMENT_ID	Not Null	VARCHAR2	20	P		ENTITLEMENT IDENTIFIER: Unique identifier for the row in the entitlement table.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
ENTITLEMENT_TYPE		VARCHAR2	20			ENTITLEMENT TYPE: the type of entitlement that is described in the row, such as a seismic lease data entitlement, a security based entitlement etc.
EXPIRY_ACTION		VARCHAR2	20			EXPIRY ACTION: The action that must be undertaken when the entitlement expires. This may involve destruction or return of materials.
EXPIRY_DATE		DATE	7			EXPIRY DATE: Date on which the data in this row of data was no longer in effect.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PRIMARY_TERM		NUMBER	5, 0			PRIMARY TERM DURATION: Length of primary term for the agreement
PRIMARY_TERM_UOM		VARCHAR2	20			PRIMARY TERM DURATION OUOM: Original units of whether the term ofthe agreement is years or months
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_FACILITY

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
FACILITY_ID	Not Null	VARCHAR2	20	P		FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE	Not Null	VARCHAR2	20	P		FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
CURRENT_OPERATOR		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_FUNCTION		VARCHAR2	20			FACILITY FUNCTION: A list of valid functions that are satisifed by a facility, such as measurement, transportation, processing, storage, seperation etc.
FACILITY_NAME		VARCHAR2	60			FACILITY NAME: Name assigned to the facility. This may be the legal or registered name as it appears on a permit or a given name assigned by the operator.
FACILITY_STATUS		VARCHAR2	20			FACILITY STATUS: The status of the facility, such as ACTIVE, PENDING, DECOMMISSIONED etc. Defined in terms of a type of status.
FACILITY_STATUS_TYPE		VARCHAR2	20			FACILITY STATUS TYPE: A list of the types of status that may be tracked for a facility, such as construction, production, reclamation, operational, flaring etc. Used to track the situation where multiple types of statuses are to be tracked.
H2S_IND		VARCHAR2	1			H2S INDICATOR: A Y/N flag indicating whether this flag is able to handle products containing H2S.
LAST_PRODUCTION_DATE		DATE	7			LAST PRODUCTION DATE: The date that production was last reported for this entity.
ON_PRODUCTION_DATE		DATE	7			ON PRODUCTION DATE: The date that production was first reported for this entity.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_FACILITY_ALIAS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
FACILITY_ID	Not Null	VARCHAR2	20	P	L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE	Not Null	VARCHAR2	20	P	L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
FACILITY_ALIAS_ID	Not Null	VARCHAR2	20	P		FACILITY ALIAS IDENTIFIER: unique ID for a Code identifying any other name the facility is known by.
SOURCE	Not Null	VARCHAR2	30	P		SOURCE: The individual, company, agency, application or other source designated as the source of information for this row.
ALIAS_OWNER_BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	ALIAS OWNER BUSINESS ASSOCIATE: unique identifier for the business associate who owns this alias.
ALIAS_TYPE		VARCHAR2	20			ALIAS TYPE: The type of alias, such as partner, historical, records etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_ALIAS		VARCHAR2	60			FACILITY ALIAS: Code identifying any other name the facility is known by.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PREFERRED_IND		VARCHAR2	1			PREFERRED INDICATOR: A yes / no flag indicating that this row is the preferred version, and should be used by default.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_FACILITY_SUBSTANCE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
FACILITY_ID	Not Null	VARCHAR2	20	P	L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE	Not Null	VARCHAR2	20	P	L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
SUBSTANCE_ID	Not Null	VARCHAR2	20	P		SUBSTANCE: scientifically refers to chemical element or compound occurring naturally as a product of inorganic processes found beneath the earths surface and possessing some commercial value.
AVERAGE_CAPACITY		NUMBER	14, 4			AVERAGE VOLUME CAPACITY: the average volume or rate for the substance that can be handled by the facility.
CAPACITY_UOM		VARCHAR2	20			CAPACITY UNITS OF MEASURE: the unit of measure that the substance is measured in. Added explicitly because the UOM depends on the substance measured.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
MAX_CAPACITY		NUMBER	14, 4			MAXIMUM CAPACITY: the maximum capacity of the substance that the facility can manage.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_FACILITY_XREF

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
FACILITY_ID	Not Null	VARCHAR2	20	P	L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE	Not Null	VARCHAR2	20	P	L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
FACILITY_ID_2	Not Null	VARCHAR2	20	P	L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE_2	Not Null	VARCHAR2	20	P	L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
XREF_OBS_NO	Not Null	NUMBER	8, 0	P		CROSS REFERENCE OBSERVATION NUMBER: a unique component added to allow relationships between facilities to span time or tooccur for more than one reason.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_XREF_TYPE		VARCHAR2	20			FACILITY CROSS REFERENCE TYPE: the type of relationship between facilities, such as a component facility comprising part of a larger facility, a facility attached to another facility etc.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_FIELD

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
FIELD_ID	Not Null	VARCHAR2	20	P		FIELD IDENTIFIER: Unique identifier for the field.
COUNTRY		VARCHAR2	20			REFERENCE COUNTRY: A reference table identifying a division of land, political nation or territory. For example Austria, Canada, United Kingdom, USA, Venezula.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DISCOVERY_DATE		DATE	7			DISCOVERY DATE: The date that the field was discovered. This may be different than effective date.
FIELD_NAME		VARCHAR2	60			FIELD NAME: Legal or common given name of the field.
FIELD_TYPE		VARCHAR2	20			FIELD TYPE: Identifies the type of field. For example regulatory or locally assigned.
GROUP_FIELD_ID		VARCHAR2	20		L_FIELD	GROUP FIELD IDENTIFIERl: Used in cases where a field crosses jurisdictional boundaries, and different codes are assigned to each portion. The group code relates to the entire field and is independant of the jurisdicational segmentation.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PROVINCE_STATE		VARCHAR2	20			PROVINCE STATE: A reference table identifying valid states, provinces or other political subdivisions of countries. For example, Colorado, Texas in the US, Alberta in Canada
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_FIELD_ALIAS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
FIELD_ID	Not Null	VARCHAR2	20	P	L_FIELD	FIELD IDENTIFIER: Unique identifier for the field.
FIELD_ALIAS_ID	Not Null	VARCHAR2	20	P		FIELD NAME ALIAS IDENTIFIER: Code identifying any other name the field is known by.
SOURCE	Not Null	VARCHAR2	30	P		SOURCE: The individual, company, agency, application or other source designated as the source of information for this row.
ALIAS_OWNER_BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	ALIAS OWNER BUSINESS ASSOCIATE: unique identifier for the business associate who owns this alias.
ALIAS_TYPE		VARCHAR2	20			ALIAS TYPE: The type of alias, such as partner, historical, records etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FIELD_ALIAS		VARCHAR2	60			FIELD NAME ALIAS IDENTIFIER: Code identifying any other name the field is known by.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PREFERRED_IND		VARCHAR2	1			PREFERRED INDICATOR: A yes / no flag indicating that this row is the preferred version, and should be used by default.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_FIN_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
FINANCE_ID	Not Null	VARCHAR2	20	P	L_FINANCE	FINANCE ID: Summary information about a financial reference, such as an AFEfor an activity, such as seismic acquisition or processing.Could be a cost center or any other reference number.
FINANCE_COMPONENT_ID	Not Null	VARCHAR2	20	P		FINANCIAL COMPONENT ID: Unique identifier for the Financial Component. Each business object that is associated with this AFE should have its own component ID.
APPLICATION_ID		VARCHAR2	20		L_APPLICATION	APPLICATION ID: Unique identifier for applications you make for continuations, licenses etc. to the government.
AREA_ID		VARCHAR2	20		L_AREA	AREA ID: Unique identifier for any named area such as a country, province, project area, area of interest, offshore area, district etc.
AREA_TYPE		VARCHAR2	20		L_AREA	AREA TYPE ID: Unique identifier for the type of area, such as country, state, AOI etc.
BUSINESS_ASSOCIATE		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
DATA_SOURCE		VARCHAR2	30			DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_ID		VARCHAR2	20		L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE		VARCHAR2	20		L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
FIELD_ID		VARCHAR2	20		L_FIELD	FIELD IDENTIFIER: Unique identifier for the field.
INFORMATION_ITEM_ID		VARCHAR2	20		L_RM_INFORMATION_ITEM	INFORMATION ITEM ID: The unique identifier for an information item
INFO_ITEM_TYPE		VARCHAR2	30		L_RM_INFORMATION_ITEM	INFORMATION ITEM TYPE: The type of information item. May be one of The valid types of Information item as defined by check constraints.
INTEREST_SET_ID		VARCHAR2	20		L_INTEREST_SET	INTEREST SET IDENTIFIER: unique identifier for the interest set.
LAND_RIGHT_ID		VARCHAR2	20		L_LAND_RIGHT	LAND RIGHT ID: Unique Identifier for the land right.A land right is the rights you have to land, regardless of how obtained.It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE		VARCHAR2	30		L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationship between LAND RIGHT and its subtypes. The value must be equal to the name of one of the valid subtypes: LAND_AGREEMENT, LAND_AGREE_PART,LAND_LEASE, LAND_GRANTED_RIGHT, LAND_UNIT, LAND_UNIT_TRACT orLAND_TITLE.
LAND_SALE_JURISDICTION		VARCHAR2	20		L_LAND_SALE_OFFERING	LAND SALE BUSINESS ASSOCIATE: Unique identifier for the jurisdiction that is managing the land sale or bidding round.
LAND_SALE_NUMBER		VARCHAR2	30		L_LAND_SALE_OFFERING	LAND SALE NUMBER: A unique identifier for the land sale
LAND_SALE_OFFERING_ID		VARCHAR2	20		L_LAND_SALE_OFFERING	LAND SALE OFFERING ID: Unique identifier for the land sale offering.
LICENSE_ID		VARCHAR2	20		L_LICENSE	LICENSE IDENTIFIER: Unique identifier for the approval granted to conduct activities or operations.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_FIN_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
LICENSE_TABLE		VARCHAR2	30		L_LICENSE	LICENSE TABLE: The name of the PPDM 3.7 table that the license originated from. This is to help with the denormalization of data into PPDM Lite as this table is a roll-up table.
POOL_ID		VARCHAR2	20		L_POOL	POOL IDENTIFIER: Number or code uniquely identifying the pool.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
RESENT_ID		VARCHAR2	20			RESERVE ENTITY IDENTIFIER: Unique identifier for the reserves entity.
RESERVE_CLASS_ID		VARCHAR2	20			RESERVE CLASS IDENTIFIER: The reserve classed for identifying the confidence level and producing status of the reserve volumes.
SEIS_SET_ID		VARCHAR2	20		L_SEIS_SET	SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE		VARCHAR2	30		L_SEIS_SET	SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data. Valid entries include SEIS_LINE, SEIS_SEGMENT, SEIS_SURVEY, SEIS_PLAN, SEIS_WELL, SEIS_PROC_SET, SEIS_INTERP_SET or SEIS_3D.
SUPPORT_FACILITY_ID		VARCHAR2	20		L_SF_SUPPORT_FACILITY	SUPPORT FACILITY IDENTIFIER: Unique identifier for the support facility. A support facility provides operational support for activities. These facilities may include roads, transmission towers, airstrips, vessels, docks and so on.
SUPPORT_FACILITY_TYPE		VARCHAR2	30		L_SF_SUPPORT_FACILITY	SUPPORT FACILITY IDENTIFIER: Unique identifier for the support facility. A support facility provides operational support for activities. These facilities may include roads, transmission towers, airstrips, vessels, docks and so on.
UWI		VARCHAR2	20		L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_FIN_COST_SUMMARY

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
COST_ID	Not Null	VARCHAR2	20	P		COST ID: unique identifier for each cost.
COST_AMOUNT		NUMBER	12, 2			COST AMOUNT: The gross cost.
COST_TYPE		VARCHAR2	20			FINANCE CENTER COST TYPE: The type of cost associated with the AFE or cost center.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FINANCE_COMPONENT_ID		VARCHAR2	20			AFE COMPONENT IDENTIFIER: Unique identifier for the AFE Component. Each business object that is associated with this AFE should have its own component ID.
FINANCE_ID		VARCHAR2	20		L_FINANCE	FINANCE ID: Summary information about a financial reference, such as an AFEfor an activity, such as seismic acquisition or processing.Could be a cost center or any other reference number.
PAID_DATE		DATE	7			PAID DATE: The date that this cost was paid.For details on fulfillment, use the obligation module.
PARENT_COST_ID		VARCHAR2	20		L_FIN_COST_SUMMARY	PARENT COST IDENTIFIER: unique identifier for the cost that is the parent of this reported cost. Used in the case where cost breakdowns and summaries are reported.Use the REPORT COST IND flag to ensure that costs are not reported or added more than once in summaries.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SUBMIT_DATE		DATE	7			SUBMIT DATE: The date that this cost was submitted.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_FIN_XREF

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
FINANCE_ID1	Not Null	VARCHAR2	20	P	L_FINANCE	FINANCE ID: Summary information about a financial reference, such as an AFEfor an activity, such as seismic acquisition or processing.Could be a cost center or any other reference number.
FINANCE_ID2	Not Null	VARCHAR2	20	P	L_FINANCE	FINANCE ID: Summary information about a financial reference, such as an AFEfor an activity, such as seismic acquisition or processing.Could be a cost center or any other reference number.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DISTRIBUTION_PERCENT		NUMBER	15, 12			DISTRIBUTION PERCENT: The percent of the total original or parent AFE or cost center that is allocated to the new one, in the case where costs are distributed.Note that not all relationships will require this information.
FIN_XREF_TYPE		VARCHAR2	20			FINANCE CROSS REFERENCE TYPE: The type of relationship between cost center numbers or AFE's. Could be subordinate, replacement or a detail AFE for example.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_FINANCE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
FINANCE_ID	Not Null	VARCHAR2	20	P		FINANCE ID: Summary information about a financial reference, such as an AFEfor an activity, such as seismic acquisition or processing.Could be a cost center or any other reference number.
ACTUAL_COST		NUMBER	12, 2			ACTUAL COST: the actual cost attributed to the AFE
AUTHORIZED_BY_BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	AUTHORIZED BY BUSINESS ASSOCIATE IDENTIFIER; Unique identifier for the business associate who authorized this AFE or cost center.
BUDGET_COST		NUMBER	12, 2			BUDGET COST: the funds originally allocated to the AFE.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FINANCE_TYPE		VARCHAR2	20			FINANCE TYPE: The type of financial information this is, such as AFE, Cost Center, Chart of Accounts reference etc.
FIN_STATUS		VARCHAR2	20			REFERENCE FINANCE STATUS: The current status ofthe financial reference, such as waiting for approval, closed out, active etc.
ISSUE_DATE		DATE	7			ISSUED DATE: the date that this AFE or cost center number was issued.
LIMIT_AMOUNT		NUMBER	12, 2			LIMIT AMOUNT: The maximum that can be charged to this cost center or AFE.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REFERENCE_NUMBER		VARCHAR2	40			REFERENCENUMBER: The number of the financial reference. Where natural Identifiers areused, may be the same as the ID.If surrogate ID is used, the actualnumber goes in this field.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
TAX_CREDIT_CODE		VARCHAR2	20			TAX CREDIT CODE: Code indicating the well qualifies for a tax credit. "C" = credit for the well being permitted for coalbed methane gas.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_INT_SET_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
INTEREST_SET_ID	Not Null	VARCHAR2	20	P	L_INTEREST_SET	INTEREST SET IDENTIFIER: unique identifier for the interest set.
BUSINESS_ASSOCIATE		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
COMPONENT_TYPE		VARCHAR2	20			COMPONENT TYPE: the reason the component is associated with the project, such as created for, contract that governs, used during etc.
CONTRACT_ID		VARCHAR2	20		L_CONTRACT	CONTRACT ID: Unique identifier for the contract table.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_ID		VARCHAR2	20		L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE		VARCHAR2	20		L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
INFORMATION_ITEM_ID		VARCHAR2	20		L_RM_INFORMATION_ITEM	INFORMATION ITEM ID: The unique identifier for an information item
INFO_ITEM_TYPE		VARCHAR2	30		L_RM_INFORMATION_ITEM	INFORMATION ITEM TYPE: The type of information item. May be one of The valid types of Information item as defined by check constraints.
JURISDICTION		VARCHAR2	20		L_LAND_SALE_OFFERING	BUSINESS ASSOCIATE: Unique identifier for the jurisdiction that is managing the land sale or bidding round.
LAND_OFFERING_BID		VARCHAR2	20		L_LAND_SALE_OFFERING	LAND OFFERING BID: Unique identifier for a bid. Within the bid, individual components may be sequenced using PRIORITY ORDER. This enables grouped, contingent, sliding and other types of grouped bids to be tracked.
LAND_RIGHT_ID		VARCHAR2	20		L_LAND_RIGHT	LAND RIGHT ID: Unique Identifier for the land right.A land right is the rights you have to land, regardless of how obtained.It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE		VARCHAR2	30		L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationshipbetween LAND RIGHT and its subtypes.The value must be equal to the name of one of the valid subtypes: LAND_AGREEMENT, LAND_AGREE_PART,LAND_LEASE, LAND_GRANTED_RIGHT, LAND_UNIT, LAND_UNIT_TRACT orLAND_TITLE.
LAND_SALE_NUMBER		VARCHAR2	30		L_LAND_SALE_OFFERING	LAND SALE NUMBER: A unique identifier for the land sale
PDEN_ID		VARCHAR2	40		L_PDEN	PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
PDEN_SOURCE		VARCHAR2	30		L_PDEN	SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
PDEN_TYPE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY TYPE: the type of production entity may be equal to one of the table names of the PDEN subtype tables, such as PDEN_WELL, PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_INT_SET_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
RESENT_ID		VARCHAR2	20		L_RESENT_CLASS	RESERVE ENTITY IDENTIFIER: Unique identifier for the reserves entity.
RESERVE_CLASS_ID		VARCHAR2	20		L_RESENT_CLASS	RESERVE CLASS IDENTIFIER: The reserve classed for identifying the confidence level and producing status of the reserve volumes.
SEIS_SET_ID		VARCHAR2	20			SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE		VARCHAR2	30			SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data. Valid entries include SEIS_LINE, SEIS_SEGMENT, SEIS_SURVEY, SEIS_PLAN, SEIS_WELL, SEIS_PROC_SET, SEIS_INTERP_SET or SEIS_3D.
SF_TYPE		VARCHAR2	30			SUPPORT FACILITY TYPE: The type of support facility that is described by this row of data. These values are managed by check constraint, and may only be the name of a valid sub type of support facility.
SUPPORT_FACILITY_ID		VARCHAR2	20			SUPPORT FACILITY IDENTIFIER: Unique identifier for the support facility. A support facility provides operational support for activities. These facilities may include roads, transmission towers, airstrips, vessels, docks and so on.
UWI		VARCHAR2	20		L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_INT_SET_PARTNER

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
INTEREST_SET_ID	Not Null	VARCHAR2	20	P	L_INTEREST_SET	INTEREST SET IDENTIFIER: unique identifier for the interest set.
PARTNER_BA_ID	Not Null	VARCHAR2	20	P	L_BUSINESS_ASSOCIATE	PARTNER BUSINESS ASSOCIATE IDENTIFIER: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium. Unique identifier for the business associate who is a partner in an interest set.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
GROSS_FRACT_INTEREST		VARCHAR2	100			GROSS FRACTIONAL INTEREST: the gross interest the partner has in this interest set, described as a fractional, such as 1/2 of 1/8.
GROSS_PERCENT_INTEREST		NUMBER	15, 12			GROSS PERCENT INTEREST: the percent interest the partner has in the interest set, described as a percent, derived from the fractional interest.
INTEREST_SET_ROLE		VARCHAR2	20			INTEREST SET ROLE: the role played by a partner in the interest set. such as operator. When the role changes, a new Interest Set SEQ NO must be initiated for the entire set, as by definition, this changes the partnership.
NET_FRACT_INTEREST		VARCHAR2	100			NET FRACTIONAL INTEREST: the interest result expressed as a fraction calculated as the gross fractional interest minus any encumbrance burden (also expressed as a fraction) (e.g. gross partner interest is 100/100 minus a gorr encumbrance of 15/100 = net interest of 85/100)
NET_PERCENT_INTEREST		NUMBER	15, 12			NET PERCENT INTEREST: the interest result expressed as a percent calculated as the gross percentage interest minus any encumbrance burden (also expressed as a percent) (e.g. gross partner interest is 100% minus a gorr encumbrance of 15% = net interest of 85%)
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_INTEREST_SET

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
INTEREST_SET_ID	Not Null	VARCHAR2	20	P		INTEREST SET IDENTIFIER: unique identifier for the interest set.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EFFECTIVE_DATE		DATE	7			EFFECTIVE DATE: Date on which the item became a viable entity.
INTEREST_SET_TYPE		VARCHAR2	20			INTEREST SET TYPE: the type of interest set, such as working, royalty etc.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_LAND_ALIAS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
LAND_RIGHT_ID	Not Null	VARCHAR2	20	P	L_LAND_RIGHT	LAND RIGHT ID: Unique Identifier for the land right.A land right is the rights you have to land, regardless of how obtained.It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE	Not Null	VARCHAR2	30	P	L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationshipbetween LAND RIGHT and its subtypes.The value must be equal to the name of one of the valid subtypes: LAND_AGREEMENT, LAND_AGREE_PART,LAND_LEASE, LAND_GRANTED_RIGHT, LAND_UNIT, LAND_UNIT_TRACT orLAND_TITLE.
LR_ALIAS_ID	Not Null	VARCHAR2	20	P		LR ALIAS ID: Unique identifier for the land right alias
ALIAS_NAME		VARCHAR2	60			ALIAS NAME: A name assigned by another organization or application.
ALIAS_OWNER_BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	ALIAS OWNER BUSINESS ASSOCIATE: unique identifier for the business associate who owns this alias.
ALIAS_TYPE		VARCHAR2	20			ALIAS TYPE: The type of alias, such as partner, historical, records etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
LAND_REF_NUM_TYPE		VARCHAR2	20			R LAND REF NUM TYPE: The type of reference number, such as previous title number, government number etc.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REASON_TYPE		VARCHAR2	20			Alias Reason Type: The unique identifier for the reference table.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_LAND_RIGHT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
LAND_RIGHT_ID	Not Null	VARCHAR2	20	P		LAND RIGHT ID: Unique Identifier for the land right.A land right is the rights you have to land, regardless of how obtained.It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE	Not Null	VARCHAR2	30	P		LAND RIGHT TYPE: This column is used to enforce the relationshipbetween LAND RIGHT and its subtypes.The value must be equal to the name of one of the valid subtypes: LAND_AGREEMENT, LAND_AGREE_PART,LAND_LEASE, LAND_GRANTED_RIGHT, LAND_UNIT, LAND_UNIT_TRACT orLAND_TITLE.
COST_CENTER_NUM		VARCHAR2	30			COST CENTER NUM: A code linking the land right to a cost center system. May be an AFE number, property code, or whatever is used to connect to the source of funding.
COUNTRY		VARCHAR2	20			REFERENCE COUNTRY: A reference table identifying a division of land, political nation or territory. For example Austria, Canada, United Kingdom, USA, Venezula.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EXPIRY_DATE		DATE	7			EXPIRY DATE: Date on which the data in this row of data was no longer in effect.
GRANTED_RIGHT_TYPE		VARCHAR2	20			GRANTED RIGHT TYPE: The type of right granted to the holder.May include title, lease, P and NG lease, license, Permit P and NG, SDL, SDA, Exploration license, production license, drilling license, JOA, Pooling agreement etc.Called Document type by some systems.
JURISDICTION		VARCHAR2	20		L_LAND_SALE_OFFERING	BUSINESS ASSOCIATE: Unique identifier for the jurisdiction that is managing the land sale or bidding round.
LAND_ACQTN_METHOD		VARCHAR2	20			LAND ACQUISITION MEHOD: The method used to acquire the rights to this land right. May be purchase, lease, license, partnership, farmin, farmout, rental etc.
LAND_PROPERTY_TYPE		VARCHAR2	20			R LAND PROPERTY TYPE: The property designation for reporting acreages, such as core, non core, core developed, core non developed etc.
LAND_RIGHT_CATEGORY		VARCHAR2	20			LAND RIGHT CATEGORY: The category of land right.May be Mineral or Surface or both Mineral and surface.
LAND_SALE_NUMBER		VARCHAR2	30		L_LAND_SALE_OFFERING	LAND SALE NUMBER: A unique identifier for the land sale
LAND_SALE_OFFERING_ID		VARCHAR2	20		L_LAND_SALE_OFFERING	LAND SALE OFFERING ID: Unique identifier for the land sale offering.
LESSOR_NUM		VARCHAR2	30			LESSOR NUM: The reference number assigned by the lessor by which the agreement is known.
LESSOR_TYPE		VARCHAR2	20			R LAND LESSOR TYPE: the type of lessor, such as federal, indian, public, BIA, Aboriginal
OCCUPANT_NAME		VARCHAR2	30			OCCUPANT NAME: the unvalidated name of the occupant on this land right.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PRIMARY_TERM		NUMBER	5, 0			PRIMARY TERM DURATION: Length of primary term for the agreement
PRIMARY_TERM_UOM		VARCHAR2	20			PRIMARY TERM DURATION OUOM: Original units of whether the term ofthe

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_LAND_RIGHT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
						agreement is years or months
PROVINCE_STATE		VARCHAR2	20			PROVINCE STATE: A reference table identifying valid states, provinces or other political subdivisions of countries. For example, Colorado, Texas in the US, Alberta in Canada
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
ROFR_IND		VARCHAR2	1			RIGHT OF FIRST REFUSAL INDICATOR: a yes / no flag indicating that there is a right of first refusal (ROFR) associated with this agreement.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_LAND_SALE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
JURISDICTION	Not Null	VARCHAR2	20	P	L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for the jurisdiction that is managing the land sale or bidding round.
LAND_SALE_NUMBER	Not Null	VARCHAR2	30	P		LAND SALE NUMBER: A unique identifier for the land sale
CLOSE_DATE		DATE	7			CLOSE DATE: The end date for postings to be submitted for the land sales
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
LAND_SALE_NAME		VARCHAR2	240			LAND SALE NAME: Name assigned to the land sale, bidding round, concession offering etc.
OPEN_DATE		DATE	7			OPEN DATE: The start datefor submissions to be submitted for posting requests on a particular land sale.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SALE_DATE		DATE	7			SALE DATE: The date the actual sale occurs

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_LAND_SALE_OFFERING

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
JURISDICTION	Not Null	VARCHAR2	20	P	L_LAND_SALE	BUSINESS ASSOCIATE: Unique identifier for the jurisdiction that is managing the land sale or bidding round.
LAND_SALE_NUMBER	Not Null	VARCHAR2	30	P	L_LAND_SALE	LAND SALE NUMBER: A unique identifier for the land sale
LAND_SALE_OFFERING_ID	Not Null	VARCHAR2	20	P		LAND SALE OFFERING ID: Unique identifier for the land sale offering.
AREA_ID		VARCHAR2	20			AREA ID: Unique identifier for any named area such as a country, province, project area, area of interest, offshore area, district etc.
AREA_TYPE		VARCHAR2	20			AREA TYPE ID: Unique identifier for the type of area, such as country, state, AOI etc.
CANCEL_REASON		VARCHAR2	20			LAND OFFER CANCEL REASON: reason why the land sale offering was removed from the land sale, such as withdrawn,no bids,no acceptable bids.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
LAND_OFFERING_STATUS		VARCHAR2	20			R LAND OFFRING STATUS: The status of this offerning, such as postponed, cancelled, withdrawn, active, sold,not sold.
LAND_OFFERING_TYPE		VARCHAR2	20			LAND OFFERING TYPE: State, indian, federal, BLM, first nations, provincial, OCS, crown
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
STATUS_DATE		DATE	7			STATUS DATE: Date the status was reported.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_LAND_XREF

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
LR_XREF_SEQ_NO	Not Null	NUMBER	8, 0	P		LR XREF SEQ NO: Sequence number added to allow historical informationaboutcross references to be retained.
CHILD_LAND_RIGHT_TYPE	Not Null	VARCHAR2	30	P	L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationship between LAND RIGHT and its subtypes.The value must be equal to thename of one of the valid subtypes: LAND_AGREEMENT, LAND_AGREE_PART,LAND_LEASE, LAND_GRANTED_RIGHT, LAND_UNIT, LAND_UNIT_TRACT or LAND_TITLE.
CHILD_LAND_RIGHT_ID	Not Null	VARCHAR2	20	P	L_LAND_RIGHT	LAND RIGHT ID: UNIQUE IDENTIFIER FOR THE LAND RIGHT
PARENT_LAND_RIGHT_TYPE	Not Null	VARCHAR2	30	P	L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationshipbetween LAND RIGHT and its subtypes.The value must be equal to thename of one of the valid subtypes: LAND_AGREEMENT, LAND_AGREE_PART,LAND_LEASE, LAND_GRANTED_RIGHT, LAND_UNIT, LAND_UNIT_TRACT orLAND_TITLE.
PARENT_LAND_RIGHT_ID	Not Null	VARCHAR2	20	P	L_LAND_RIGHT	LAND RIGHT ID: UNIQUE IDENTIFIER FOR THE LAND RIGHT
ALLOCATION_PERCENT		NUMBER	15, 12			PERCENT ALLOCATION: The percent of the parent land right that is to be allocated to the child land right, especially for distribution of costs.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
LAND_XREF_TYPE		VARCHAR2	20			R LR XREF TYPE: may be history , overlap, chain of title, mineral toC of T, lease to license etc.Can associate surface and mineral rights.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_LICENSE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
LICENSE_ID	Not Null	VARCHAR2	20	P		LICENSE IDENTIFIER: Unique identifier for the approval granted to conduct activities or operations.
LICENSE_TABLE	Not Null	VARCHAR2	30	P		LICENSE TABLE: The name of the PPDM 3.7 table that the license originated from. This is to help with the denormalization of data into PPDM Lite as this table is a roll-up table.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EFFECTIVE_DATE		DATE	7			EFFECTIVE DATE: Date on which the item became a viable entity.
EXPIRY_DATE		DATE	7			EXPIRY DATE: Date on which the data in this row of data was no longer in effect.
FACILITY_ID		VARCHAR2	20		L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE		VARCHAR2	20		L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
GRANTED_BY_BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	GRANTED BY BUSINESS ASSOCIATE IDENTIFIER: the unique identifier for the business associate, usually a regulatory agency, that grants this type of license.
GRANTED_DATE		DATE	7			GRANTED DATE: the date that this license was granted.
GRANTED_TO_BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	GRANTED TO BA ID: the business associate that this license was granted to.
LICENSE_BA_ID		VARCHAR2	20			LICENSEE BUSINESS ASSOCIATE IDENTIFIER: Unique identifier for the business associate to whom this license has been granted.
LICENSE_NUM		VARCHAR2	30			LICENSE NUMBER: The number assigned to this license by the granting agency, usually a regulatory authority.
LICENSE_STATUS		VARCHAR2	20			LICENSE STATUS: the status of the license, such as pending, approved, terminated, cancelled by operator, denied, extended etc.
LICENSE_TERM		NUMBER	8, 0			LICENSE TERM: The term for which this license will be in effect.
LICENSE_TYPE		VARCHAR2	20			LICENSE TYPE: The type of license that has been granted, such as an activity licenes to produce, flare etc. In some jurisdicitons a single license may be granted to cover all operations, in others seperate licenses are granted based on the type of operation.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SECONDARY_TERM		NUMBER	8, 0			SECONDARY TERM: the secondary or extended term granted for this license.
SEIS_SET_ID		VARCHAR2	20		L_SEIS_SET	SEISMIC SET: A seismic set is a super type of various types of seismic collections. Valid types of seismic sets include SEIS_LINE, SEIS_3D, SEIS_SEGMENT and SEIS_SURVEY.
SEIS_SET_TYPE		VARCHAR2	30		L_SEIS_SET	SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data. Valid entries include SEIS_LINE, SEIS_SEGMENT, SEIS_SURVEY, SEIS_PLAN, SEIS_WELL, SEIS_PROC_SET, SEIS_INTERP_SET or SEIS_3D.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_LICENSE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
UWI		VARCHAR2	20		L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.
WELL_LICENSE_SOURCE		VARCHAR2	30			SOURCE: The individual, company, state, or government agency designated as the source of information for this row.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PDEN

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
PDEN_ID	Not Null	VARCHAR2	40	P		PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
PDEN_TYPE	Not Null	VARCHAR2	30	P		PRODUCTION ENTITY TYPE: the type of production entity may be equal to one of the table names of the PDEN subtype tables, such as PDEN_WELL, PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
SOURCE	Not Null	VARCHAR2	30	P		PRODUCTION ENTITY SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
AREA_ID		VARCHAR2	20		L_AREA	AREA ID: Unique identifier for any named area such as a country, province, project area, area of interest, offshore area, district etc.
AREA_TYPE		VARCHAR2	20		L_AREA	AREA TYPE: Unique identifier for the type of area, such as country, state, AOI etc.
COUNTRY		VARCHAR2	20			COUNTRY: Identifies a division of land, political nation or territory. For example Austria, Canada, United Kingdom, USA.
CURRENT_OPERATOR		VARCHAR2	20		L_BUSINESS_ASSOCIATE	CURRENT OPERATOR: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
CURRENT_STATUS_DATE		DATE	7			CURRENT STATUS DATE: Date of the current status for the production entity.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA_SOURCE: The name of the transactional system where the data came from.
FACILITY_ID		VARCHAR2	20		L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE		VARCHAR2	20		L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
FIELD_ID		VARCHAR2	20		L_FIELD	FIELD IDENTIFIER: Unique identifier for the field.
GEOLOGIC_PROVINCE		VARCHAR2	20			GEOLOGIC PROVINCE: The unique identifier for the reference table.
LAST_INJECTION_DATE		DATE	7			LAST INJECTION DATE: The date that injection volumes were last reported for this entity.
LAST_PRODUCTION_DATE		DATE	7			LAST PRODUCTION DATE: The date that production was last reported for this entity.
LAST_REPORTED_DATE		DATE	7			LAST REPORTED DATE: The date that a production report was last submitted for this entity.
ON_INJECTION_DATE		DATE	7			ON INJECTION DATE: The date that injection was first reported for this entity.
ON_PRODUCTION_DATE		DATE	7			ON PRODUCTION DATE: The date that production was first reported for this entity.
OTHER_NAME		VARCHAR2	60			OTHER_NAME: Alternate name provided for the PDEN_NAME.
PDEN_NAME		VARCHAR2	60			PDEN NAME: Name assigned to the production entity. This may be the legal or registered name as it appears on a permit or a given name assigned by the operator.
POOL_ID		VARCHAR2	20		L_POOL	POOL IDENTIFIER: Number or code uniquely identifying the pool.
PPDM_GUID		VARCHAR2	38			PPDM_GUID: This value was provided to use a global unique identifier for this row of data. If used, then NOT NULL constraints should be considered to be used as well as an auto-population (via triggers).

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PDEN

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
PRIMARY_PRODUCT		VARCHAR2	20			PRODUCT TYPE: A reference table identifying the type of product (fluid) such as GAS, OIL, WATER, NGL, etc. Includes the less common products like STEAM, METHANE, BUTANE, HELIUM, etc.
PRODUCTION_METHOD		VARCHAR2	20			PRODUCTION METHOD: The method of production. For example swabbing, flowing, pumping or gas lift.
PROVINCE_STATE		VARCHAR2	20			PROVINCE STATE: A reference table identifying valid states, provinces or other political subdivisions of countries. For example, Colorado, Texas in the US, Alberta in Canada
PR_STR_FORM_OBS_NO		NUMBER	8, 0			WELL STRING FORMATION OBSERVATION NUMBER: A sequential observation number used to uniquely identify each completed (perforated) formation (layer) that is contributing production to a well string
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
RESENT_ID		VARCHAR2	20		L_RESENT_CLASS	RESERVE ENTITY IDENTIFIER: Unique identifier for the reserves entity.
RESERVE_CLASS_ID		VARCHAR2	20		L_RESENT_CLASS	RESERVE CLASS IDENTIFIER: The reserve classed for identifying the confidence level and producing status of the reserve volumes.
STRING_ID		VARCHAR2	20			STRING IDENTIFIER: Number or code uniquely identifying a production string within a well.
STRING_SOURCE		VARCHAR2	30			WELL STRING FORMATION OBSERVATION NUMBER: A sequential observation number used to uniquely identify each completed (perforated) formation (layer) that is contributing production to a well string.
UWI		VARCHAR2	20		L_WELL	UWI (Unique Well Identifier): A unique name or sequential number or code that is used as the primary identifier for this well.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PDEN_STRAT_UNIT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
PDEN_ID	Not Null	VARCHAR2	40	P	L_PDEN	PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
PDEN_TYPE	Not Null	VARCHAR2	30	P	L_PDEN	PRODUCTION ENTITY TYPE: the type of production entity may be equal to one of the table names of the PDEN subtype tables, such as PDEN_WELL, PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
PDEN_SOURCE	Not Null	VARCHAR2	30	P	L_PDEN	SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
STRAT_NAME_SET_ID	Not Null	VARCHAR2	20	P	L_STRAT_UNIT	STRAT NAME SET IDENTIFIER: Unique identifier for the stratigraphic name set. A stratigraphic name set is an unordered collection of stratigraphic units, that may be in use for a Lexicon, a geographic area, a project, a company etc.
STRAT_UNIT_ID	Not Null	VARCHAR2	20	P	L_STRAT_UNIT	STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit.
PDEN_SU_OBS_NO	Not Null	NUMBER	8, 0	P		PRODUCTION ENTITY STRATIGRAPHIC UNIT OBSERVATION NUMBER: unique identifier for this occurence of the stratigraphic unit within the Production Entity.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PDEN_VOL_SUMMARY

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
PDEN_ID	Not Null	VARCHAR2	40	P	L_PDEN	PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
PDEN_TYPE	Not Null	VARCHAR2	30	P	L_PDEN	PRODUCTION ENTITY TYPE: the type of production entity may be equal to one of the table names of the PDEN subtype tables, such as PDEN_WELL, PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
PDEN_SOURCE	Not Null	VARCHAR2	30	P	L_PDEN	PRODUCTION ENTITY SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
VOLUME_METHOD	Not Null	VARCHAR2	20	P		VOLUME METHOD: The type of method used to determine the volume of fluids moved. Examples would be measured, prorated, engineering study, etc.
ACTIVITY_TYPE	Not Null	VARCHAR2	20	P		ACTIVITY TYPE: The type of activity that caused the movement of fluids to occur such as production, injection, flaring, sales, etc.
VOLUME_DATE	Not Null	VARCHAR2	12	P		VOLUME DATE: The effective or reporting date of this volume summary.
BOE_CUM_VOLUME		NUMBER	16, 4			BOE CUMULATIVE VOLUME: The cumulative volume for a production entity expressed as Barrels of Oil Equivalent (BOE).
BOE_VOLUME_UOM		VARCHAR2	20			BOE VOLUME OUOM: Barrels of oil equivalent original unit of measure.
CO2_CUM_VOLUME		NUMBER	16, 4			CO2 CUMULATIVE VOLUME: The cumulative volume of CO2 for a production entity.
CO2_VOLUME_UOM		VARCHAR2	20			CO2 VOLUME OUOM: CO2 volume original unit of measure.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA_SOURCE: The name of the transactional system where the data came from.
GAS_CUM_VOLUME		NUMBER	16, 4			GAS CUMULATIVE VOLUME: The cumulative volume of gas for a production entity.
GAS_VOLUME_UOM		VARCHAR2	20			GAS VOLUME OUOM: Gas volume original unit of measure.
INJECTION_CUM_VOLUME		NUMBER	16, 4			INJECTION CUMULATIVE VOLUME: The cumulative injectioned volume for a production entity.
INJECTION_VOLUME_UOM		VARCHAR2	20			INJECTION VOLUME OUOM: Injection volume original unit of measure.
NGL_CUM_VOLUME		NUMBER	16, 4			NATURAL GAS LIQUIDS CUMULATIVE VOLUME: The cumulative volume of NGL for a production entity.
NGL_VOLUME_UOM		VARCHAR2	20			NGL VOLUME OUOM: NGL volume original unit of measure.
NITROGEN_CUM_VOLUME		NUMBER	16, 4			NITROGEN CUMULATIVE VOLUME: The cumulative volume of nitrogen for a production entity.
NITROGEN_VOLUME_UOM		VARCHAR2	20			NITROGEN VOLUME OUOM: Nitrogen volume original unit of measure.
OIL_CUM_VOLUME		NUMBER	16, 4			OIL CUMULATIVE VOLUME: The cumulative volume of oil for a production entity.
OIL_VOLUME_UOM		VARCHAR2	20			OIL VOLUME OUOM: Oil volume original unit of measure.
PERIOD_ON_INJECTION		NUMBER	38, 0			PERIOD ON INJECTION: The period/time that fluids were injected during the current reporting period.
PERIOD_ON_INJECTION_UOM		VARCHAR2	20			PERIOD ON INJECTION ORIGINAL UNITS OF MEASURE

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PDEN_VOL_SUMMARY

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
PERIOD_ON_PRODUCTION		NUMBER	38, 0			PERIOD ON PRODUCTION: The period/ time that fluids were produced during the current reporting period.
PERIOD_ON_PRODUCTION_UOM		VARCHAR2	20			PERIOD ON PRODUCTION ORIGINAL UNITS OF MEASURE
PPDM_GUID		VARCHAR2	38			PPDM_GUID: This value was provided to use a global unique identifier for this row of data. If used, then NOT NULL constraints should be considered to be used as well as an auto-population (via triggers).
PRIMARY_PRODUCT		VARCHAR2	20			PRIMARY PRODUCT: Indicates the type of product (fluid) such as GAS, OIL, WATER, NGL, etc. Includes the less common products like STEAM, METHANE , BUTANE, HELIUM, etc.
PROJECT_ID		VARCHAR2	20		L_PROJECT	PROJECT IDENTIFIER: unique identifier for a project that resulted in the creation of these volumes, as in volume estimates created during a reserves projection analysis that must be associated with the evaluation study that are their source.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SULPHUR_CUM_VOLUME		NUMBER	16, 4			SULPHUR CUMULATIVE VOLUME: The cumulative sulphur volume of for a production entity.
SULPHUR_VOLUME_UOM		VARCHAR2	20			SULPHUR VOLUME OUOM: Sulphur volume original unit of measure.
WATER_CUM_VOLUME		NUMBER	16, 4			WATER CUMULATIVE VOLUME: The cumulative volume of water for a production entity.
WATER_VOLUME_UOM		VARCHAR2	20			WATER VOLUME OUOM: Water volume original unit of measure.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PDEN_XREF

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
FROM_PDEN_ID	Not Null	VARCHAR2	40	P	L_PDEN	FROM PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
FROM_PDEN_TYPE	Not Null	VARCHAR2	30	P	L_PDEN	FROM PRODUCTION ENTITY TYPE: the type of production entity may be equal to one of the table names of the PDEN subtype tables, such as PDEN_WELL, PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
TO_PDEN_ID	Not Null	VARCHAR2	40	P	L_PDEN	TO PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
TO_PDEN_TYPE	Not Null	VARCHAR2	30	P	L_PDEN	TO PRODUCTION ENTITY TYPE: the type of production entity may be equal to one of the table names of the PDEN subtype tables, such as PDEN_WELL, PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
PDEN_SOURCE	Not Null	VARCHAR2	30	P	L_PDEN L_PDEN	PRODUCTION ENTITY SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
XREF_OBS_NO	Not Null	NUMBER	8, 0	P		PRODUCTION ENTITY CROSS REFERENCE OBSERVATION NUMBER: unique identifier for this occurence of the relationship between production entities.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA_SOURCE: The name of the transactional system where the data came from.
PDEN_XREF_TYPE		VARCHAR2	20			PRODUCTION REPORTING ENTITY CROSS REFERENCE TYPE: The type of cross reference. Used in situations where you may want two different XREF networks (ownership and physical connections like pipelines, for instance).
PPDM_GUID		VARCHAR2	38			PPDM_GUID: This value was provided to use a global unique identifier for this row of data. If used, then NOT NULL constraints should be considered to be used as well as an auto-population (via triggers).
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_POOL

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
POOL_ID	Not Null	VARCHAR2	20	P		POOL IDENTIFIER: Number or code uniquely identifying the pool.
BUSINESS_ASSOCIATE		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
COUNTRY		VARCHAR2	20			REFERENCE COUNTRY: A reference table identifying a division of land, political nation or territory. For example Austria, Canada, United Kingdom, USA, Venezula.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FIELD_ID		VARCHAR2	20		L_FIELD	FIELD IDENTIFIER: Unique identifier for the field.
POOL_NAME		VARCHAR2	60			POOL NAME: The name of the pool.
POOL_STATUS		VARCHAR2	20			POOL STATUS: The operational or legal status of the pool.
POOL_TYPE		VARCHAR2	20			POOL TYPE: The type of hydrocarbon pool described, such as conventional or oil sands deposit.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PROVINCE_STATE		VARCHAR2	20			PROVINCE STATE: A reference table identifying valid states, provinces or other political subdivisions of countries. For example, Colorado, Texas in the US, Alberta in Canada
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
STRAT_NAME_SET_ID		VARCHAR2	20		L_STRAT_UNIT	STRAT NAME SET IDENTIFIER: Unique identifier for the stratigraphic name set. A stratigraphic name set is an unordered collection of stratigraphic units, that may be in use for a Lexicon, a geographic area, a project, a company etc.
STRAT_UNIT_ID		VARCHAR2	20		L_STRAT_UNIT	STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_POOL_ALIAS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
POOL_ID	Not Null	VARCHAR2	20	P	L_POOL	POOL IDENTIFIER: Number or code uniquely identifying the pool.
SOURCE	Not Null	VARCHAR2	30	P		SOURCE: The individual, company, agency, application or other source designated as the source of information for this row.
POOL_ALIAS_ID	Not Null	VARCHAR2	20	P		POOL ALIAS ID: identifier for the name or code identifying any other name the pool is known by.
ALIAS_OWNER_BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	ALIAS OWNER BUSINESS ASSOCIATE: unique identifier for the business associate who owns this alias.
ALIAS_TYPE		VARCHAR2	20			ALIAS TYPE: The type of alias, such as partner, historical, records etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
POOL_ALIAS		VARCHAR2	60			POOL ALIAS: the value of the pool identification alias.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PREFERRED_IND		VARCHAR2	1			PREFERRED INDICATOR: A yes / no flag indicating that this row is the preferred version, and should be used by default.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PPDM_COLUMN

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
TABLE_NAME	Not Null	VARCHAR2	30	P	L_PPDM_TABLE	TABLE NAME: The name of the table within the PPDM schema.
COLUMN_NAME	Not Null	VARCHAR2	30	P		COLUMN NAME: Name of the column within a specific table found in the PPDM schema
COLUMN_COMMENT		VARCHAR2	2000			COLUMN COMMENT: The DDL comments for the comments as provided by designers.
COLUMN_SEQUENCE		NUMBER	8, 0			COLUMN SEQUENCE: A number indicating the position of this column relative to other columns in the table. The primary key components should be listed first in the sequence, with the most generallized key first, followed by increasingly specific columns. The remainder of the columns can be sorted as desired by the implementor.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DATA_TYPE		VARCHAR2	30			DATATYPE: The database "type" for the column. Oracle uses DATE, NUMBER, VARCHAR2, LONG and so on.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PRIMARY_KEY_SEQUENCE		NUMBER	8, 0			PRMARY KEY SEQUENCE: a number which permits ordering of components of the Primary Key, particularly when multiple components are required.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PPDM_DATA_SOURCE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
DATA_SOURCE	Not Null	VARCHAR2	30	P		DATA SOURCE: Identifies what transaction based system the row of data originated from.
DATABASE_NAME		VARCHAR2	20			DATABASE_NAME: The name of the database that contains the transactional PPDM 3.7 system. If the transactional system is based in Oracle, then this should be the Oracle SID.
EFFECTIVE_DATE		DATE	7			EFFECTIVE DATE: Date on which the item became a viable entity.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
USER_NAME		VARCHAR2	30			USER_NAME: The name of the schema where the transactional data is held.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PPDM_EXCEPTION

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
EXCEPTION_ID	Not Null	VARCHAR2	20	P		EXCEPTION ID: unique identifier for the PPDM Exception table, where rejected data is inserted.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
ERROR_MESSAGE		VARCHAR2	2000			ERROR MESSAGE: This can store the RDBMS error message that was issued with the failed record DML.
ERROR_NO		NUMBER	5, 0			ERROR NO: This is the error number generated by the RDBMS that was issued with the failed record DML.
EXCEPTION_COLUMN_NAME		VARCHAR2	30		L_PPDM_COLUMN	EXCEPTION COLUMN NAME: The name of the column that generated the exception.
EXCEPTION_DATE		DATE	7			EXCEPTION DATE: The date that the exception was generated on.
EXCEPTION_TABLE_NAME		VARCHAR2	30		L_PPDM_COLUMN L_PPDM_TABLE	EXCEPTION TABLE NAME: The name of the table that generated the RDBMS exception.
EXCEPTION_TYPE		VARCHAR2	20			EXCEPTION TYPE: The type of exception that was generated. This is RDBMS dependent.
PLSQL_NAME		VARCHAR2	30			PLSQL NAME: The name of the PL/SQL block that generated the exception, if applicable.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PPDM_ORIGIN

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SOURCE_TABLE_NAME	Not Null	VARCHAR2	30	P	L_PPDM_COLUMN L_PPDM_TABLE	SOURCE TABLE NAME: The name of the PPDM 3.7 table that the data was sourced from.
SOURCE_PPDM_GUID	Not Null	VARCHAR2	38	P		SOURCE PPDM GUID: The GUID of the row where the data came from in the transactional PPDM 3.7 system.
TARGET_TABLE_NAME	Not Null	VARCHAR2	30	P	L_PPDM_COLUMN L_PPDM_TABLE	TARGET TABLE NAME: The name of the PPDM Lite table that the data is going to.
TARGET_PPDM_GUID	Not Null	VARCHAR2	38	P		TARGET PPDM GUID: The GUID of the row where the data is going to in PPDM Lite.
DATA_SOURCE	Not Null	VARCHAR2	30	P	L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
BUSINESS_RULE		VARCHAR2	2000			BUSINESS RULE: The business rule that helps describe the allocation factor calculation or description.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SOURCE_COLUMN_NAME		VARCHAR2	30		L_PPDM_COLUMN	SOURCE COLUMN NAME: The name of the PPDM 3.7 column that the data comes from.
TARGET_COLUMN_NAME		VARCHAR2	30		L_PPDM_COLUMN	TARGET COLUMN NAME: The name of the PPDM Lite column that the data is going to.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PPDM_TABLE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
TABLE_NAME	Not Null	VARCHAR2	30	P		TABLE NAME: The name of the table within the PPDM schema.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PRIMARY_KEY_NAME		VARCHAR2	60			PRIMARY KEY NAME: The name of the primary key used in the CREATE PRIMARY KEY statement.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
TABLE_COMMENT		VARCHAR2	2000			TABLE COMMENT: the table comments as provided in the DDL.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PROJECT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
PROJECT_ID	Not Null	VARCHAR2	20	P		PROJECT IDENTIFIER: unique identifier for the project.
COMPLETE_DATE		DATE	7			COMPLETION DATE: the date that the project was completed.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PROJECT_NAME		VARCHAR2	60			PROJECT NAME: the name assigned to the project.
PROJECT_TYPE		VARCHAR2	20			PROJECT TYPE: the type of project, such as seismic, geological, exploitation etc.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
START_DATE		DATE	7			START DATE: the date that work on the project commenced.
STATUS		VARCHAR2	20			PROJECT or PROJECT STEP STATUS: the status of a project or a step in a project. May include underway, on hold, completed, cancelled.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PROJECT_ALIAS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
PROJECT_ID	Not Null	VARCHAR2	20	P	L_PROJECT	PROJECT IDENTIFIER: unique identifier for the project.
ALIAS_ID	Not Null	VARCHAR2	20	P		ALIAS IDENTIFIER: Unique identifier for the project alias.
ALIAS_NAME		VARCHAR2	60			ALIAS NAME: A name assigned by another organization or application.
ALIAS_TYPE		VARCHAR2	20			ALIAS TYPE: The type of alias, such as partner, historical, records etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
OWNER_BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PREFERRED_IND		VARCHAR2	1			PREFERRED INDICATOR: A yes / no flag indicating that this row is the preferred version, and should be used by default.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PROJECT_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
PROJECT_ID	Not Null	VARCHAR2	20	P	L_PROJECT	PROJECT IDENTIFIER: unique identifier for the project.
AREA_ID		VARCHAR2	20		L_AREA	AREA ID: Unique identifier for any named area such as a country, province, project area, area of interest, offshore area, district etc.
AREA_TYPE		VARCHAR2	20		L_AREA	AREA TYPE ID: Unique identifier for the type of area, such as country, state, AOI etc.
BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE LICENSEE BUSINESS ASSOCIATE: Unique identifier for the business associate who has been granted a license or approval to conduct general operations.
COMPONENT_TYPE		VARCHAR2	20			PROJECT COMPONENT TYPE: the reason the component is associated with the project, such as created for, contract that governs, used during etc.
CONTRACT_ID		VARCHAR2	20		L_CONTRACT	CONTRACT ID: Unique identifier for the contract table.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_ID		VARCHAR2	20		L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE		VARCHAR2	20		L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
FIELD_ID		VARCHAR2	20		L_FIELD	FIELD IDENTIFIER: Unique identifier for the field.
JURISDICTION		VARCHAR2	20		L_LAND_SALE	BUSINESS ASSOCIATE: Unique identifier for the jurisdiction that is managing the land sale or bidding round.
LAND_RIGHT_ID		VARCHAR2	20		L_LAND_RIGHT	LAND RIGHT ID: Unique Identifier for the land right.A land right is the rights you have to land, regardless of how obtained.It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE		VARCHAR2	30		L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationshipbetween LAND RIGHT and its subtypes.The value must be equal to the name of one of the valid subtypes: LAND_AGREEMENT, LAND_AGREE_PART,LAND_LEASE, LAND_GRANTED_RIGHT, LAND_UNIT, LAND_UNIT_TRACT orLAND_TITLE.
LAND_SALE_NUMBER		VARCHAR2	30		L_LAND_SALE	LAND SALE NUMBER: A unique identifier for the land sale
LICENSE_ID		VARCHAR2	20		L_LICENSE	LICENSE IDENTIFIER: Unique identifier for the approval granted to conduct activities or operations.
LICENSE_TABLE		VARCHAR2	30		L_LICENSE	LICENSE TABLE: The name of the PPDM 3.X table that the license originated from. This is to help with the denormalization of data into PPDM Lite as this table is a roll-up table.
PDEN_ID		VARCHAR2	40		L_PDEN	PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
PDEN_SOURCE		VARCHAR2	30		L_PDEN	SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
PDEN_TYPE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY TYPE: the type of production entity may be equal to one of the table names of the PDEN subtype tables, such as PDEN_WELL,

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_PROJECT_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
						PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
POOL_ID		VARCHAR2	20		L_POOL	POOL IDENTIFIER: Number or code uniquely identifying the pool.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
RESENT_ID		VARCHAR2	20		L_RESENT_CLASS	RESERVE ENTITY IDENTIFIER: Unique identifier for the reserves entity.
RESERVE_CLASS_ID		VARCHAR2	20		L_RESENT_CLASS	RESERVE CLASS IDENTIFIER: The reserve classed for identifying the confidence level and producing status of the reserve volumes.
SEIS_SET_ID		VARCHAR2	20		L_SEIS_SET	SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE		VARCHAR2	30		L_SEIS_SET	SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data. Valid entries include SEIS_LINE, SEIS_SEGMENT, SEIS_SURVEY, SEIS_PLAN, SEIS_WELL, SEIS_PROC_SET, SEIS_INTERP_SET or SEIS_3D.
STRAT_NAME_SET_ID		VARCHAR2	20		L_STRAT_NAME_SET	STRAT NAME SET IDENTIFIER: Unique identifier for the stratigraphic name set. A stratigraphic name set is an unordered collection of stratigraphic units, that may be in use for a Lexicon, a geographic area, a project, a company etc.
SUPPORT_FACILITY_ID		VARCHAR2	20		L_SF_SUPPORT_FACILITY	SUPPORT FACILITY IDENTIFIER: Unique identifier for the support facility. A support facility provides operational support for activities. These facilities may include roads, transmission towers, airstrips, vessels, docks and so on.
SUPPORT_FACILITY_TYPE		VARCHAR2	30		L_SF_SUPPORT_FACILITY	SUPPORT FACILITY TYPE: The type of support facility that is described by this row of data.These values are managed by check constraint, and may only be the name of a valid sub type of support facility.
UWI		VARCHAR2	20		L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_RESENT_CLASS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
RESENT_ID	Not Null	VARCHAR2	20	P	L_RESERVE_ENTITY	RESERVE ENTITY IDENTIFIER: Unique identifier for the reserves entity.
RESERVE_CLASS_ID	Not Null	VARCHAR2	20	P		RESERVE CLASS IDENTIFIER: The reserve classed for identifying the confidence level and producing status of the reserve volumes.
CONFIDENCE_FACTOR		NUMBER	10, 5			CONFIDENCE FACTOR: A number value indicating the level of confidence associated with this reserve class for this specific reserves entity. This column should be used for probabilisitc reserves reporting only.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EFFECTIVE_DATE		DATE	7			EFFECTIVE DATE: Date on which the item became a viable entity.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_RESENT_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
RESENT_ID	Not Null	VARCHAR2	20	P	L_RESERVE_ENTITY	RESERVE ENTITY IDENTIFIER: Unique identifier for the reserves entity.
COMPONENT_ID	Not Null	VARCHAR2	20	P		COMPONENT IDENTIFIER: Unique identifier for the component of the spatial description.
AREA_ID		VARCHAR2	20		L_AREA	AREA ID: Unique identifier for any named area such as a country, province, project area, area of interest, offshore area, district etc.
AREA_TYPE		VARCHAR2	20		L_AREA	AREA TYPE ID: Unique identifier for the type of area, such as country, state, AOI etc.
BUSINESS_ASSOCIATE		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
CONTRACT_ID		VARCHAR2	20			CONTRACT ID: Unique identifier for the contract table.
CONTRIBUTION_PERCENT		NUMBER	15, 12			PERCENT CONTRIBUTION: The percent of the total for the reserves entity that this component contributes.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_ID		VARCHAR2	20		L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE		VARCHAR2	20		L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
FIELD_ID		VARCHAR2	20		L_FIELD	FIELD IDENTIFIER: Unique identifier for the field.
LAND_RIGHT_ID		VARCHAR2	20		L_LAND_RIGHT	LAND RIGHT ID: Unique Identifier for the land right.A land right is the rights you have to land, regardless of how obtained.It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE		VARCHAR2	30		L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationshipbetween LAND RIGHT and its subtypes.The value must be equal to the name of one of the valid subtypes: LAND_AGREEMENT, LAND_AGREE_PART,LAND_LEASE, LAND_GRANTED_RIGHT, LAND_UNIT, LAND_UNIT_TRACT orLAND_TITLE.
PDEN_ID		VARCHAR2	40		L_PDEN	PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
PDEN_SOURCE		VARCHAR2	30		L_PDEN	SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
PDEN_TYPE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY TYPE: the type of production entity may be equal to one of the table names of the PDEN subtype tables, such as PDEN_WELL, PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
POOL_ID		VARCHAR2	20		L_POOL	POOL IDENTIFIER: Number or code uniquely identifying the pool.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PRODUCT_TYPE		VARCHAR2	20			PRODUCT TYPE: The product that contributes to this reserve entity, in the case where only one product from a specific land right, well etc contributes to the reserve entity.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_RESENT_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
PROJECT_ID		VARCHAR2	20		L_PROJECT	PROJECT IDENTIFIER: unique identifier for the project.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
STRAT_NAME_SET_ID		VARCHAR2	20		L_STRAT_UNIT	STRAT NAME SET IDENTIFIER: Unique identifier for the stratigraphic name set. A stratigraphic name set is an unordered collection of stratigraphic units, that may be in use for a Lexicon, a geographic area, a project, a company etc.
STRAT_UNIT_ID		VARCHAR2	20		L_STRAT_UNIT	STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit.
UWI		VARCHAR2	20		L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_RESENT_XREF

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
RESENT_ID	Not Null	VARCHAR2	20	P	L_RESERVE_ENTITY	RESERVE ENTITY IDENTIFIER: Unique identifier for the reserves entity.
RESENT_ID2	Not Null	VARCHAR2	20	P	L_RESERVE_ENTITY	RESERVES ENTITY IDENTIFIER 2: Unique identifier for a second reserves entity.
XREF_OBS_NO	Not Null	NUMBER	8, 0	P		CROSS REFERENCE OBSERVATION NUMBER: a unique component added to allow relationships between facilities to span time or tooccur for more than one reason.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
XREF_TYPE		VARCHAR2	20			CROSS REFERENCE TYPE: The type of relationships that exists between two entities. Examples are contains, replaces, adjacent etc.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_RESERVE_ENTITY

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
RESENT_ID	Not Null	VARCHAR2	20	P		RESERVE ENTITY IDENTIFIER: Unique identifier for the reserves entity.
CREATED_BY_BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	CREATED BY BUSINESS ASSOC ID: The business associate who created this reserve entity.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
GROUP_TYPE		VARCHAR2	20			PPDM GROUP TYPE: the type of group that is being described. Could be an application group, query group, function group, module type etc.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PRIMARY_PRODUCT_TYPE		VARCHAR2	20			PRIMARY PRODUCT TYPE: The major product for which reserves are booked, usually oil or gas.Other products will usuallybe calculated as by products of the major product.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
UPDATE_SCHEDULE		VARCHAR2	20			UPDATE SCHEDULED PERIOD: Indicates a period of time.Possible values are DAY, MONTH, YEAR.The schedule for updating this reseve entity.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_RM_INFO_ITEM_CONTENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
INFORMATION_ITEM_ID	Not Null	VARCHAR2	20	P	L_RM_INFORMATION_ITEM	INFORMATION ITEM ID: The unique identifier for an information item
INFO_ITEM_TYPE	Not Null	VARCHAR2	30	P	L_RM_INFORMATION_ITEM	INFORMATION ITEM TYPE: The type of information item. May be one of The valid types of Information item as defined by check constraints.
CONTENT_OBS_NO	Not Null	NUMBER	8, 0	P		CONTENT OBSERVATION NUMBER: unique number for the description of content associated with the information item.
APPLICATION_ID		VARCHAR2	20			APPLICATION ID: Unique identifier for applications you make for continuations, licenses etc. to the government.
BUSINESS_ASSOCIATE		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
CONTRACT_ID		VARCHAR2	20		L_CONTRACT	CONTRACT ID: Unique identifier for the contract table.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_ID		VARCHAR2	20		L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE		VARCHAR2	20		L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
FIELD_ID		VARCHAR2	20		L_FIELD	FIELD IDENTIFIER: Unique identifier for the field.
JURISDICTION		VARCHAR2	20		L_LAND_SALE_OFFERING	BUSINESS ASSOCIATE: Unique identifier for the jurisdiction that is managing the land sale or bidding round.
LAND_RIGHT_ID		VARCHAR2	20		L_LAND_RIGHT	LAND RIGHT ID: Unique Identifier for the land right. A land right is the rights you have to land, regardless of how obtained. It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE		VARCHAR2	30		L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationshipbetween LAND RIGHT and its subtypes.The value must be equal to the name of one of the valid subtypes: LAND_AGREEMENT, LAND_AGREE_PART,LAND_LEASE, LAND_GRANTED_RIGHT, LAND_UNIT, LAND_UNIT_TRACT orLAND_TITLE.
LAND_SALE_NUMBER		VARCHAR2	30		L_LAND_SALE_OFFERING	LAND SALE NUMBER: A unique identifier for the land sale
LAND_SALE_OFFERING_ID		VARCHAR2	20		L_LAND_SALE_OFFERING	LAND SALE OFFERING ID: Unique identifier for the land sale offering.
LICENSE_ID		VARCHAR2	20		L_LICENSE	LICENSE IDENTIFIER: Unique identifier for the approval granted to conduct activities or operations.
LICENSE_TABLE		VARCHAR2	30		L_LICENSE	LICENSE TABLE: The name of the PPDM 3.7 table that the license originated from. This is to help with the denormalization of data into PPDM Lite as this table is a roll-up table.
PDEN_ID		VARCHAR2	40		L_PDEN	PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
PDEN_SOURCE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
PDEN_TYPE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY TYPE: the type of production entity may be equal to one

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_RM_INFO_ITEM_CONTENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
						of the table names of the PDEN subtype tables, such as PDEN_WELL, PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
POOL_ID		VARCHAR2	20			POOL IDENTIFIER: Number or code uniquely identifying the pool.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
RESENT_ID		VARCHAR2	20		L_RESENT_CLASS	RESERVE ENTITY IDENTIFIER: Unique identifier for the reserves entity.
RESERVE_CLASS_ID		VARCHAR2	20		L_RESENT_CLASS	RESERVE CLASS IDENTIFIER: The reserve classed for identifying the confidence level and producing status of the reserve volumes.
SEIS_SET_ID		VARCHAR2	20		L_SEIS_SET	SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE		VARCHAR2	30		L_SEIS_SET	SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data. Valid entries include SEIS_LINE, SEIS_SEGMENT, SEIS_SURVEY, SEIS_PLAN, SEIS_WELL, SEIS_PROC_SET, SEIS_INTERP_SET or SEIS_3D.
STRAT_NAME_SET_ID		VARCHAR2	20		L_STRAT_UNIT	STRAT NAME SET IDENTIFIER: Unique identifier for the stratigraphic name set. A stratigraphic name set is an unordered collection of stratigraphic units, that may be in use for a Lexicon, a geographic area, a project, a company etc.
STRAT_UNIT_ID		VARCHAR2	20		L_STRAT_UNIT	STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit.
SUPPORT_FACILITY_ID		VARCHAR2	20		L_SF_SUPPORT_FACILITY	SUPPORT FACILITY IDENTIFIER: Unique identifier for the support facility. A support facility provides operational support for activities. These facilities may include roads, transmission towers, airstrips, vessels, docks and so on. Sub tyes are used to maintain integration with the rest of the model.
SUPPORT_FACILITY_TYPE		VARCHAR2	30		L_SF_SUPPORT_FACILITY	SUPPORT FACILITY TYPE: The type of support facility that is described by this row of data.These values are managed by check constraint, and may only be the name of a valid sub type of support facility.
UWI		VARCHAR2	20		L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_RM_INFO_ITEM_DESC

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
INFORMATION_ITEM_ID	Not Null	VARCHAR2	20	P	L_RM_INFORMATION_ITEM	INFORMATION ITEM ID: The unique identifier for an information item
INFO_ITEM_TYPE	Not Null	VARCHAR2	30	P	L_RM_INFORMATION_ITEM	INFORMATION ITEM TYPE: The type of information item. May be one of The valid types of Information item as defined by check constraints.
DESCRIPTION_ID	Not Null	VARCHAR2	20	P		DESCRIPTION ID: Unique identifier for the description for the application. A list of the descriptive details about an application.For anapplication for a license, could describe details about the proposed operations.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DESCRIPTION		VARCHAR2	2000			DESCRIPTION: Short textual description for the item.
DESCRIPTION_DATE		DATE	7			DESCRIPTION DATE: Date relative to the description.
DESCRIPTION_TYPE		VARCHAR2	20			DESCRIPTION TYPE: The type of description for the information item. Could be a scale reference, type of report, classification, size or anything needed.
DESC_VALUE		NUMBER	10, 5			DESCRIPTION VALUE: A numeric value associated with the application description, such as production rates, distances, costs etc.
DESC_VALUE_UOM		VARCHAR2	20			UNIT OF MEASURE
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_RM_INFORMATION_ITEM

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
INFORMATION_ITEM_ID	Not Null	VARCHAR2	20	P		INFORMATION ITEM ID: The unique identifier for an information item
INFO_ITEM_TYPE	Not Null	VARCHAR2	30	P		INFORMATION ITEM TYPE: The type of information item. May be one of The valid types of Information item as defined by check constraints.
CATALOGUE_DATE		DATE	7			CATALOGUE DATE: Date when the physical item was catalogued or indexed
CATALOGUE_NAME		VARCHAR2	60		L_BUSINESS_ASSOCIATE	CATALOGUED NAME: The name of the physical item that was catalogued or indexed.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
INFORMATION_QUALITY		VARCHAR2	20			INFORMATION QUALITY: The quality of the information, such as good, fair, poor. Information quality may be affected by the method of acquisition or how a product is handled.
ITEM_CATEGORY		VARCHAR2	20			INFORMATION ITEM CATEGORY: the category of information item, such asMay beAcquisition supportproducts, trace products etc.
ITEM_SUB_CATEGORY		VARCHAR2	20			ITEM SUB CATEGORY: The sub-category of an information or physical item. It may be acquisition, support, data, etc.
MEDIA_TYPE		VARCHAR2	20			MEDIA TYPE ID: Unique identifier for the type of media
ORIGIN_DATE		DATE	7			ORIGIN DATE: Date on which the item was originated (created)
PHYSICAL_ITEM_ID		VARCHAR2	20			PHYSICAL ITEM ID: The unique identifier for the physical item.
PHYSICAL_ITEM_STATUS		VARCHAR2	20			STATUS: may be available, lost, destroyed, unknown etc
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REFERENCE_NUM		VARCHAR2	240			REFERENCE NUMBER: A reference number by which this item may be known by, such as a file number assigned by a department or agency.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
RETENTION_PERIOD		VARCHAR2	30			RETENTION PERIOD: The period that the physical item is scheduled tobe retained.
STORE_ID		VARCHAR2	20			STORE ID: Unique identifier for the data store location.Note that this column is denormalized from RM PHYS ITEM STORE for query convenience only.If used, should be popuated procedurally.
TITLE		VARCHAR2	240			TITLE: The title of the item

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SEIS_ALIAS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SEIS_SET_ID	Not Null	VARCHAR2	20	P	L_SEIS_SET	SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE	Not Null	VARCHAR2	30	P	L_SEIS_SET	SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data. Valid entries include SEIS_LINE, SEIS_SEGMENT, SEIS_SURVEY, SEIS_PLAN, SEIS_WELL, SEIS_PROC_SET, SEIS_INTERP_SET or SEIS_3D.
SEIS_ALIAS_ID	Not Null	VARCHAR2	20	P		SEISMIC LINE ALIAS ID: Unique identifier for the seismic line alias.
ALIAS_OWNER		VARCHAR2	20		L_BUSINESS_ASSOCIATE	ALIAS OWNER: the business associate who is the owner of the alias or alternate identifier.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PREFERRED_IND		VARCHAR2	1			PREFERRED INDICATOR: A yes / no flag indicating that this row is the preferred version, and should be used by default.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SEIS_SET_ALIAS		VARCHAR2	20			SEISMIC LINE ALIAS: an alternative name by which the seismic line or navigation may be known.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SEIS_POINT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SEIS_SET_ID	Not Null	VARCHAR2	20	P	L_SEIS_SET	SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE	Not Null	VARCHAR2	24	P	L_SEIS_SET	SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data.
SEIS_POINT_ID	Not Null	VARCHAR2	20	P		SEISMIC POINT ID: Unique identifier for each seismic point
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DATUM_ELEV		NUMBER	10, 5			DATUM ELEVATION: The elevation of the vertical datum used to measure the position of downhole geophones.
DATUM_ELEV_UOM		VARCHAR2	20			ORIGINAL UNITS OF MEASURE
ELEV		NUMBER	10, 5			ELEVATION: The elevation of the point relative to the survey system or the TVD (vertial depth) of a pont that is in the subsurface. Most commonly, this will be used for well related seismic, where source or receiver points may be located in the bore hole.
ELEV_OUOM		VARCHAR2	20			ELEVATION ORIGINAL UNITS OF MEASURE: The units of measure that the elelvation was originally obtained in (such as feet or meters).
END_BEND_IND		VARCHAR2	1			END BEND INDICATOR: indicates if point is at end or bend of a line
MEASURED_DEPTH		NUMBER	10, 5			MEASURED DEPTH: the Measured Depth of the shot or receiver placement, below ground or sea level.
MEASURED_DEPTH_UOM		VARCHAR2	20			ORIGINAL UNIT OF MEASURE:
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REFERENCE_DATUM		VARCHAR2	20			REFERNCE DATUM: the datum to which the elevations or depths have been referenced, such as Mean Sea Level.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SEIS_POINT_LABEL		VARCHAR2	20			SEISMIC POINT LABEL: the label or name commonly assigned to the point
SEIS_POINT_LAT		NUMBER	12, 7			POINT_LATITUDE: The latitude of the seismic point
SEIS_POINT_LONG		NUMBER	12, 7			POINT LONGITUDE: The longitude of the seismic point
SEIS_POINT_NO		NUMBER	10, 5			SEISMIC POINT NUMBER: the numeric value of the seismic point number assigned to a seismic point. Used by processors.
SEIS_STATION_TYPE		VARCHAR2	20			SEISMIC STATION TYPE: seismic station type such as CDP, source, receiver etc
SPATIAL_SEQ_NO		NUMBER	8, 0			SPATIAL SEQUENCE NUMBER: Unique spatial sequence number used to order the points on the line spatially. Used for mapping and distance calculations.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SEIS_RECORD

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SEIS_SET_ID	Not Null	VARCHAR2	20	P	L_SEIS_POINT L_SEIS_SET	SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE	Not Null	VARCHAR2	30	P	L_SEIS_POINT L_SEIS_SET	SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data.
RECORD_ID	Not Null	VARCHAR2	20	P		RECORD_ID: Unique identifier for the seismic record that was created during acquisition.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FIELD_FILE_NUMBER		VARCHAR2	20			FIELD FILE NUMBER: The file number assigned to the shot in the field. This may not correspond to the file number on a tape that is copied from the original.
INFORMATION_ITEM_ID		VARCHAR2	20		L_RM_INFORMATION_ITEM	INFORMATION ITEM ID: The unique identifier for an information item
INFO_ITEM_TYPE		VARCHAR2	30		L_RM_INFORMATION_ITEM	INFORMATION ITEM TYPE: The type of information item. May be one of The valid types of Information item as defined by check constraints.
PATCH_USED_IND		VARCHAR2	1			PATCH USED INDICATOR: A Y/N flag indicating whether a seismic patch was used during acquisition.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
RECORDING_REMARKS		VARCHAR2	2000			RECORDING REMARKS: remarks made by the observer during recording for this record. Usually found on the observers logs.
RECORD_NUMBER		VARCHAR2	20			RECORD NUMBER: the number of the record on the tape.
RECORD_QUALITY		VARCHAR2	20			RECORD QUALITY: The quality of the record created during recording, including good, fair, poor.
RECORD_TYPE		VARCHAR2	20			RECORD TYPE: the type of seismic record, such as good record, bad data, test record etc.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SEIS_SHOT_POINT_ID		VARCHAR2	16		L_SEIS_POINT	SEISMIC SHOT POINT IDENTIFIER: unique identifier for the seismic point that was used as shot point to generate this record.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SEIS_SET

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SEIS_SET_ID	Not Null	VARCHAR2	20	P		SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE	Not Null	VARCHAR2	30	P		SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data.
ACQTN_SURVEY_NAME		VARCHAR2	40			ACQUISITION SET NAME: Name by which the acquisition set is known
COMPLETED_DATE		DATE	7			COMPLETED DATE: DATE format field for the date on which acquisition of the survey was completed. A flexible varchar field is also provided.
COORD_ACQUISITION_ID		VARCHAR2	20			COORDINATE ACQUISITION ID: Identifies the coordinate acquisition, including the method used, level of accuracy and quality of the data.
COUNTRY		VARCHAR2	20			REFERENCE COUNTRY: A reference table identifying a division of land, political nation or territory. For example Austria, Canada, United Kingdom, USA, Venezula.
CURRENT_SEIS_STATUS		VARCHAR2	20			CURRENT SEISMIC STATUS: current, most important status for the seismic set. Often, this will be the current ownership status of the seismc set. Denormalized from SEIS SET STATUS
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FINANCE_ID		VARCHAR2	20		L_FINANCE	FINANCE ID: Summary information about a financial reference, such as an AFEfor an activity, such as seismic acquisition or processing.Could be a cost center or any other reference number.
FIRST_SEIS_POINT_ID		VARCHAR2	20			FIRST SEISMIC POINT ID: part of a reciprocating foreign key from SEIS POINT. This column indicates the first point on a seismic set and is used to identify the seismic set. Populate this procedurally after SEIS POINT has been loaded.
FIRST_SEIS_SET_ID		VARCHAR2	20			SEISMIC SET: A seismic set is a super type of various types of seismic collections.
FIRST_SEIS_SET_TYPE		VARCHAR2	30			SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data.
JURISDICTION		VARCHAR2	20		L_BUSINESS_ASSOCIATE	JURISDICTION: Unique identifier for the jurisdiction that is managing the land sale or bidding round.
LAST_SEIS_POINT_ID		VARCHAR2	20			LAST SEISMIC POINT ID: part of a reciprocating foreign key from SEIS POINT. This column indicates the last point on a seismic set and is used to identify the seismic set. Populate this procedurally after SEIS POINT has been loaded.
LAST_SEIS_SET_ID		VARCHAR2	20			SEISMIC SET: A seismic set is a super type of various types of seismic collections.
LAST_SEIS_SET_TYPE		VARCHAR2	30			SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data.
LINE_LENGTH		NUMBER	10, 3			LINE LENGTH: Length of the line from first to last actual shot positi on
LINE_LENGTH_UOM		VARCHAR2	20			LINE LENGTH ORIGINAL UNIT OF MEASURE: original unit of measure used for line length. May be miles, kilometers.
LINE_NAME		VARCHAR2	50			SEISMIC NAVIGATION NAME: authorized or preferred version of the line name

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SEIS_SET

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
						to be used for reporting and mapping.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PROVINCE_STATE		VARCHAR2	20			PROVINCE STATE: A reference table identifying valid states, provinces or other political subdivisions of countries. For example, Colorado, Texas in the US, Alberta in Canada
REFRACTION_REFLECTION		VARCHAR2	20			REFLECTION REFRACTION INDICATOR: Indicates whether the navigation includes reflection, refraction or both types of recording.
RESHOOT_OF_SEIS_SET_TYPE		VARCHAR2	24			SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data. Valid entries include SEIS_LINE, SEIS_SEGMENT, SEIS_SURVEY, SEIS_PLAN, SEIS_WELL, SEIS_PROC_SET, SEIS_INTERP_SET or SEIS_3D.
RESHOOT_OF_SET_ID		VARCHAR2	20			SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_3D_TYPE		VARCHAR2	20			SEISMIC THREE DIMENSION TYPE: The type of 3D data set represented by this data. May include original field data, processed, partnership, interpreted, sold etc.
SEIS_DIMENSION		VARCHAR2	60			DIMENSION: The dimension or geometry of the seismic data. Mmay be 1D, 2D, 3D, swath, 3D water bottom
SEIS_SPECTRUM_TYPE		VARCHAR2	20			SPECTRUM: Indicates additional types of measurements taken. May be magnetic, electromagnetic, gravity, shearwave...
SEIS_STATION_TYPE		VARCHAR2	20			SEISMIC STATION TYPE: seismic station type such as CDP, source, receiver etc
SHOT_FOR		VARCHAR2	20			BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
START_DATE		DATE	7			ACQUISITION START DATE: A DATE format field for the start date of acquisition.
STATUS_TYPE		VARCHAR2	20			STATUS TYPE: The type of status reported for the seismic set. Can include construction status, operating status, producing status, abandonment status etc.
TEST_EXPERIMENTAL		VARCHAR2	20			TEST OR EXPERIMENTAL: indicates whether the seismic was test or experimental.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SF_ALIAS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SUPPORT_FACILITY_ID	Not Null	VARCHAR2	20	P	L_SF_SUPPORT_FACILITY	SUPPORT FACILITY IDENTIFIER: Unique identifier for the support facility. A support facility provides operational support for activities. These facilities may include roads, transmission towers, airstrips, vessels, docks and so on. Sub tyes are used to maintain integration with the rest of the model.
SF_TYPE	Not Null	VARCHAR2	30	P	L_SF_SUPPORT_FACILITY	SUPPORT FACILITY TYPE: The type of support facility that is described by this row of data. These values are managed by check constraint, and may only be the name of a valid sub type of support facility.
ALIAS_ID	Not Null	VARCHAR2	20	P		ALIAS IDENTIFIER: Unique identifier for the project alias.
ALIAS		VARCHAR2	60			ALIAS: The name, code or reference number assigned to a work order.
ALIAS_TYPE		VARCHAR2	20			ALIAS TYPE: The type of alias, such as partner, historical, records etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
OWNER_BA_ID		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PREFERRED_IND		VARCHAR2	1			PREFERRED INDICATOR: A yes / no flag indicating that this row is the preferred version, and should be used by default.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SF_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SUPPORT_FACILITY_ID	Not Null	VARCHAR2	20	P	L_SF_SUPPORT_FACILITY	SUPPORT FACILITY IDENTIFIER: Unique identifier for the support facility. A support facility provides operational support for activities. These facilities may include roads, transmission towers, airstrips, vessels, docks and so on.
SF_TYPE	Not Null	VARCHAR2	30	P	L_SF_SUPPORT_FACILITY	SUPPORT FACILITY TYPE: The type of support facility that is described by this row of data. These values are managed by check constraint, and may only be the name of a valid sub type of support facility.
USE_ID	Not Null	VARCHAR2	20	P		USE IDENTIFIER: Use this primary key component to connect all the components that are associated with a single use scenario. For example, if a road is used to access 5 wells on one surface lease and one rate schedule applies, all these components will have the same USE ID.
AREA_ID		VARCHAR2	20		L_AREA	AREA ID: Unique identifier for any named area such as a country, province, project area, area of interest, offshore area, district etc.
AREA_TYPE		VARCHAR2	20		L_AREA	AREA TYPE ID: Unique identifier for the type of area, such as country, state, AOI etc.
BUSINESS_ASSOCIATE		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
CONTRACT_ID		VARCHAR2	20		L_CONTRACT	CONTRACT ID: Unique identifier for the contract table.
DATA_SOURCE		VARCHAR2	30			DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_ID		VARCHAR2	20		L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE		VARCHAR2	20		L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
FIELD_ID		VARCHAR2	20		L_FIELD	FIELD IDENTIFIER: Unique identifier for the field.
FINANCE_ID		VARCHAR2	20		L_FINANCE	FINANCE ID: Summary information about a financial reference, such as an AFEfor an activity, such as seismic acquisition or processing.Could be a cost center or any other reference number.
INFORMATION_ITEM_ID		VARCHAR2	20			INFORMATION ITEM ID: The unique identifier for an information item
INFO_ITEM_TYPE		VARCHAR2	30			INFORMATION ITEM TYPE: The type of information item. May be one of The valid types of Information item as defined by check constraints.
INTEREST_SET_ID		VARCHAR2	20		L_INTEREST_SET	INTEREST SET IDENTIFIER: unique identifier for the interest set.
LAND_RIGHT_ID		VARCHAR2	20		L_LAND_RIGHT	LAND RIGHT ID: Unique Identifier for the land right.A land right is the rights you have to land, regardless of how obtained.It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE		VARCHAR2	30		L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationshipbetween LAND RIGHT and its subtypes.
LAND_SALE_JURISDICTION		VARCHAR2	20		L_LAND_SALE	LAND SALE BUSINESS ASSOCIATE: Unique identifier for the jurisdiction that is managing the land sale or bidding round.
LAND_SALE_NUMBER		VARCHAR2	30		L_LAND_SALE	LAND SALE NUMBER: A unique identifier for the land sale

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SF_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
PDEN_ID		VARCHAR2	40		L_PDEN	PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
PDEN_SOURCE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
PDEN_TYPE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY TYPE: the type of production entity may be equal to one of the table names of the PDEN subtype tables, such as PDEN_WELL, PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
POOL_ID		VARCHAR2	20		L_POOL	POOL IDENTIFIER: Number or code uniquely identifying the pool.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PROJECT_ID		VARCHAR2	20		L_PROJECT	PROJECT IDENTIFIER: unique identifier for the project.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SEIS_SET_ID		VARCHAR2	20		L_SEIS_SET	SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE		VARCHAR2	30		L_SEIS_SET	SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data.
UWI		VARCHAR2	20		L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SF_DESCRIPTION

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SUPPORT_FACILITY_ID	Not Null	VARCHAR2	20	P	L_SF_SUPPORT_FACILITY	SUPPORT FACILITY IDENTIFIER: Unique identifier for the support facility. A support facility provides operational support for activities. These facilities may include roads, transmission towers, airstrips, vessels, docks and so on.
SF_TYPE	Not Null	VARCHAR2	30	P	L_SF_SUPPORT_FACILITY	SUPPORT FACILITY TYPE: The type of support facility that is described by this row of data. These values are managed by check constraint, and may only be the name of a valid sub type of support facility.
DESCRIPTION_OBS_NO	Not Null	NUMBER	8, 0	P		DESCRIPTION OBSERVATION NUMBER: A number identifying the description.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DESCRIPTION		VARCHAR2	240			DESCRIPTION: Short textual description for the item.
DESC_TYPE		VARCHAR2	20			SUPPORT FACILITY DESCRIPTION TYPE: The type of description for a support facility, such as color, construction material etc.
DESC_VALUE		NUMBER	10, 5			DESCRIPTION VALUE: A numeric value associated with the application description, such as production rates, distances, costs etc.
DESC_VALUE_CODE		VARCHAR2	20			VALUE CODE: descriptive code associated with a support facility in the case where the description is codified.
DESC_VALUE_UOM		VARCHAR2	20			DESCRIPTION VALUE UOM: Unit of Measure
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SF_SUPPORT_FACILITY

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SUPPORT_FACILITY_ID	Not Null	VARCHAR2	20	P		SUPPORT FACILITY IDENTIFIER: Unique identifier for the support facility. A support facility provides operational support for activities. These facilities may include roads, transmission towers, airstrips, vessels, docks and so on.
SF_TYPE	Not Null	VARCHAR2	30	P		SUPPORT FACILITY TYPE: The type of support facility that is described by this row of data. These values are managed by check constraint, and may only be the name of a valid sub type of support facility.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_STATUS		VARCHAR2	20			FACILITY STATUS: The status of the facility, such as ACTIVE, PENDING, DECOMMISSIONED etc. Defined in terms of a type of status.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
STATUS_TYPE		VARCHAR2	20			STATUS TYPE: The type of status reported for the facility. Can include construction status, operating status, producing status, abandonment status etc.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SF_XREF

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SUPPORT_FACILITY_ID	Not Null	VARCHAR2	20	P	L_SF_SUPPORT_FACILITY	SUPPORT FACILITY ID: Unique identifier for the support facility. A support facility provides operationalsupport for activities.These facilities may include roads, transmission towers, airstrips, vessels, docks and so on.
SF_TYPE	Not Null	VARCHAR2	30	P	L_SF_SUPPORT_FACILITY	SUPPORT FACILITY TYPE: The type of support facility that is described by this row of data. These values are managed by check constraint, and may only be the name of a valid sub type of support facility.
SUPPORT_FACILITY_ID2	Not Null	VARCHAR2	20	P	L_SF_SUPPORT_FACILITY	SUPPORT FACILITY ID: Unique identifier for the support facility. A support facility provides operationalsupport for activities.These facilities may include roads, transmission towers, airstrips, vessels, docks and so on.
SF_TYPE2	Not Null	VARCHAR2	30	P	L_SF_SUPPORT_FACILITY	SUPPORT FACILITY TYPE: Check constraint value that is used to maintain the relationship between SUPPORT FACILITY and its various sub-types.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
XREF_TYPE		VARCHAR2	20			CROSS REFERENCE TYPE: The type of relationships that exists between two entities. Examples are contains, replaces, adjacent etc.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SP_BOUNDARY

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
POLYGON_ID	Not Null	VARCHAR2	20	P	L_SP_POLYGON	POLYGON ID: Unique identifier to track multiple polygons
POINT_SEQ_NO	Not Null	NUMBER	8, 0	P		POINT SEQ NO: Unique identifier for the points, ordered spatially.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
LATITUDE		NUMBER	12, 7			LATITUDE: Latitude of the point
LONGITUDE		NUMBER	12, 7			LONGITUDE: Longitude of the point
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SP_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SPATIAL_DESCRIPTION_ID	Not Null	VARCHAR2	20	P	L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION: The surface and sub-surface description of any object that occupies an area, such as a land right, field, facility or area of interest.
SPATIAL_OBS_NO	Not Null	NUMBER	8, 0	P	L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION OBSERVATION NUMBER: a unique series number for the spatial description, allowing the spatial description to be versioned over time.
COMPONENT_ID	Not Null	VARCHAR2	20	P		COMPONENT IDENTIFIER: Unique identifier for the component of the spatial description.
APPLICATION_ID		VARCHAR2	20		L_APPLICATION	APPLICATION ID: Unique identifier for applications you make for continuations, licenses etc. to the government.
AREA_ID		VARCHAR2	20		L_AREA	AREA ID: Unique identifier for any named area such as a country, province, project area, area of interest, offshore area, district etc.
AREA_TYPE		VARCHAR2	20		L_AREA	AREA TYPE ID: Unique identifier for the type of area, such as country, state, AOI etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
FACILITY_ID		VARCHAR2	20		L_FACILITY	FACILITY ID: Number or code uniquely identifying the Facility.
FACILITY_TYPE		VARCHAR2	20		L_FACILITY	FACILITY TYPE: The type of facility that is described in this row of data, such as pipeline, tank, battery etc.
FIELD_ID		VARCHAR2	20		L_FIELD	FIELD IDENTIFIER: Unique identifier for the field.
INTEREST_SET_ID		VARCHAR2	20		L_INTEREST_SET	INTEREST SET IDENTIFIER: unique identifier for the interest set.
JURISDICTION		VARCHAR2	20		L_LAND_SALE_OFFERING	BUSINESS ASSOCIATE: Unique identifier for the jurisdiction that is managing the land sale or bidding round.
LAND_RIGHT_ID		VARCHAR2	20		L_LAND_RIGHT	LAND RIGHT ID: Unique Identifier for the land right.A land right is the rights you have to land, regardless of how obtained.It may be owned outright, rented, aquired by agreement or contract.
LAND_RIGHT_TYPE		VARCHAR2	30		L_LAND_RIGHT	LAND RIGHT TYPE: This column is used to enforce the relationship between LAND RIGHT and its subtypes.
LAND_SALE_NUMBER		VARCHAR2	30		L_LAND_SALE_OFFERING	LAND SALE NUMBER: A unique identifier for the land sale
LAND_SALE_OFFERING_ID		VARCHAR2	20		L_LAND_SALE_OFFERING	LAND SALE OFFERING ID: Unique identifier for the land sale offering.
LICENSE_ID		VARCHAR2	20		L_LICENSE	LICENSE IDENTIFIER: Unique identifier for the approval granted to conduct activities or operations.
LICENSE_TABLE		VARCHAR2	30		L_LICENSE	LICENSE TABLE: The name of the PPDM 3.7 table that the license originated from. This is to help with the denormalization of data into PPDM Lite as this table is a roll-up table.
PDEN_ID		VARCHAR2	40		L_PDEN	PRODUCTION ENTITY IDENTIFIER: An identifier that is unique within a specific production entity source and type.
PDEN_SOURCE		VARCHAR2	30		L_PDEN	SOURCE: The individual, company, state, or government agency designated as the source of information for this row.
PDEN_TYPE		VARCHAR2	30		L_PDEN	PRODUCTION ENTITY TYPE: the type of production entity may be equal to one

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SP_COMPONENT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
						of the table names of the PDEN subtype tables, such as PDEN_WELL, PDEN_COUNTY or PDEN_FIELD. Validated by check constraint.
POOL_ID		VARCHAR2	20		L_POOL	POOL IDENTIFIER: Number or code uniquely identifying the pool.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
RESENT_ID		VARCHAR2	20		L_RESERVE_ENTITY	RESERVE ENTITY IDENTIFIER: Unique identifier for the reserves entity.
SEIS_SET_ID		VARCHAR2	20		L_SEIS_SET	SEISMIC SET: A seismic set is a super type of various types of seismic collections.
SEIS_SET_TYPE		VARCHAR2	30		L_SEIS_SET	SEISMIC SET TYPE: The seismic set type column is used to enforce a relationship between the SEIS SET supertype and its valid sub types. Values for this column must be the name of the table that is the valid sub type for this row of data.
SUPPORT_FACILITY_ID		VARCHAR2	20		L_SF_SUPPORT_FACILITY	SUPPORT FACILITY IDENTIFIER: Unique identifier for the support facility. A support facility provides operational support for activities. These facilities may include roads, transmission towers, airstrips, vessels, docks and so on. Sub tyes are used to maintain integration with the rest of the model.
SUPPORT_FACILITY_TYPE		VARCHAR2	30		L_SF_SUPPORT_FACILITY	SUPPORT FACILITY TYPE: The type of support facility that is described by this row of data. These values are managed by check constraint, and may only be the name of a valid sub type of support facility.
UWI		VARCHAR2	20		L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SP_GEOMETRY

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SPATIAL_OBS_NO	Not Null	NUMBER	8, 0	P	L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION OBSERVATION NUMBER: a unique series number for the spatial description, allowing the spatial description to be versioned over time.
SPATIAL_DESCRIPTION_ID	Not Null	VARCHAR2	20	P	L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION: The surface and sub-surface description of any object that occupies an area, such as a land right, field, facility or area of interest.
GEOMETRY_FORMAT	Not Null	VARCHAR2	20	P		GEOMETRY FORMAT: the format that has been used to spatially enable this data. May be SDE, SDO or some other system.
GEOMETRY_ID	Not Null	VARCHAR2	20	P		GEOMETRY ID: unique identifier for the geometry.
GEOMETRY_OBS_NO	Not Null	NUMBER	8, 0	P		GEOMETRY OBSERVATION NUMBER: a sequencer added to allow each geometry to be versioned over time etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
GEOMETRY_DATE		DATE	7			GEOMETRY DATE; The date that the geometry was defined.
GEOMETRY_SOURCE		VARCHAR2	30			SOURCE: The individual, company, state, or government agency designated as the source of information for this geometry definition
GEOMETRY_TYPE		VARCHAR2	20			GEOMETRY TYPE: The type of geometry, such a point, line, polyline, polygon, complex polygon.
OBJECT_SOURCE		VARCHAR2	30			SOURCE: The individual, company, state, or government agency designated as the source of information for this business object.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SP_LINE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
LINE_ID	Not Null	VARCHAR2	20	P		LINE IDENTIFIER: Unique identifier for a line that describes the spatial extent of a linear object such as a seismic line, pipeline, road etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SPATIAL_DESCRIPTION_ID		VARCHAR2	20		L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION: The surface and sub-surface description of any object that occupies an area, such as a land right, field, facility or area of interest.
SPATIAL_OBS_NO		NUMBER	8, 0		L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION OBSERVATION NUMBER: a unique series number for the spatial description, allowing the spatial description to be versioned over time.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SP_LINE_POINT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
LINE_ID	Not Null	VARCHAR2	20	P	L_SP_LINE	LINE IDENTIFIER: Unique identifier for a line that describes the spatial extent of a linear object such as a seismic line, pipeline, road etc.
POINT_SEQ_NO	Not Null	NUMBER	8, 0	P		POINT SEQ NO: Unique identifier for the points, ordered spatially.
BEND_IND		VARCHAR2	1			BEND INDICATOR: A Y/N flag indicating that this point represents a bend in the line exceeding a tolerance defined by the implementation (such as 10 degrees).
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DEPTH		NUMBER	10, 5			DEPTH: The depth of this point where the point is located below the ground or sea level.
ELEVATION		NUMBER	10, 5			ELEVATION: The elevation of this point.
FIRST_POINT_IND		VARCHAR2	1			FIRST POINT INDICATOR: a Y/N flag indicating that the point is the first point on the line.
LAST_POINT_IND		VARCHAR2	1			LAST POINT INDICATOR: a Y/N flag indicating that the point is the last point on the line.
LATITUDE		NUMBER	12, 7			LATITUDE: Latitude of the point
LONGITUDE		NUMBER	12, 7			LONGITUDE: Longitude of the point
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SP_MINERAL_ZONE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SPATIAL_DESCRIPTION_ID	Not Null	VARCHAR2	20	P	L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION: The surface and sub-surface description of any object that occupies an area, such as a land right, field, facility or area of interest.
SPATIAL_OBS_NO	Not Null	NUMBER	8, 0	P	L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION OBSERVATION NUMBER: a unique series number for the spatial description, allowing the spatial description to be versioned over time.
MINERAL_ZONE_ID	Not Null	VARCHAR2	20	P		MINERAL ZONE ID: unique identifier for the mineral zone
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DEEP_RIGHT_REVERSION_IND		VARCHAR2	1			DEEP RIGHTS REVERSION INDICATOR: a yes / no flag that indicates that this zone definition is for deeper rights reversion designation (for the Crown of Alberta)
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
ZONE_DEFINITION_ID		VARCHAR2	20			ZONE DEFINITION IDENTIFIER: unique identifier for a mineral zone definition that is created and maintained by a regulatory or other agency as one of a set of standards. May also be an ad hoc definition for the land zone that is created by an owner or administrator.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SP_POINT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
POINT_ID	Not Null	VARCHAR2	20	P		POINT IDENTIFIER: A unique identifier for a spatial description point.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
LATITUDE		NUMBER	12, 7			LATITUDE: Latitude of the point
LONGITUDE		NUMBER	12, 7			LONGITUDE: Longitude of the point
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SPATIAL_DESCRIPTION_ID		VARCHAR2	20		L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION: The surface and sub-surface description of any object that occupies an area, such as a land right, field, facility or area of interest.
SPATIAL_OBS_NO		NUMBER	8, 0		L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION OBSERVATION NUMBER: a unique series number for the spatial description, allowing the spatial description to be versioned over time.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SP_POLYGON

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
POLYGON_ID	Not Null	VARCHAR2	20	P		POLYGON ID: Unique identifier to track multiple polygons
BOUNDARY_DIRECTION		VARCHAR2	20			BOUNDARY DIRECTION: Direction from starting point to connect boundary points in polygon. May be clockwise or counter clockwise.
CONTAINED_BY_POLYGON_ID		VARCHAR2	20		L_SP_POLYGON	CONTAINED BY POLYGON IDENTIFIER: the unique identifier of a polygon that contains this one. Usually used in the case where the inner polygon represents an area of exclusion to the outer polygon. The outer polygon may contain one or more such exclusions.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EXCLUSION_IND		VARCHAR2	1			EXCLUSION IND: Indicates whether the polygon is an area of exclusion (Y= the area is an exclusion)
POLYGON_SET_ID		VARCHAR2	20			POLYGON SET IDENTIFIER: Use this column when a spatial description requires multiple polygons and more than one set of the polygons may be stored for use (such as at different scales). Each set is grouped by the SET ID.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SPATIAL_DESCRIPTION_ID		VARCHAR2	20		L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION: The surface and sub-surface description of any object that occupies an area, such as a land right, field, facility or area of interest.
SPATIAL_OBS_NO		NUMBER	8, 0		L_SPATIAL_DESCRIPTION	SPATIAL DESCRIPTION OBSERVATION NUMBER: a unique series number for the spatial description, allowing the spatial description to be versioned over time.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SP_ZONE_SUBSTANCE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SPATIAL_DESCRIPTION_ID	Not Null	VARCHAR2	20	P	L_SP_MINERAL_ZONE	SPATIAL DESCRIPTION: The surface and sub-surface description of any object that occupies an area, such as a land right, field, facility or area of interest.
SPATIAL_OBS_NO	Not Null	NUMBER	8, 0	P	L_SP_MINERAL_ZONE	SPATIAL DESCRIPTION OBSERVATION NUMBER: a unique series number for the spatial description, allowing the spatial description to be versioned over time.
MINERAL_ZONE_ID	Not Null	VARCHAR2	20	P	L_SP_MINERAL_ZONE	MINERAL ZONE ID: unique identifier for the mineral zone
SUBSTANCE	Not Null	VARCHAR2	20	P		SUBSTANCE: scientifically refers to chemical element or compound occurring naturally as a product of inorganic processes found beneath the earths surface and possessing some commercial value.
BASE_MD		NUMBER	10, 5			BASE MEASURED DEPTH: Measured depth from the surface to the base of the zone interval.
BASE_STRAT_UNIT_ID		VARCHAR2	20			BASE STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit that is at the base of the land zone.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EXCLUDED_IND		VARCHAR2	1			SUBSTANCE EXCLUDED INDICATOR: a yes / no flag indicating that this substance is not included in the land mineral rights. This information is generally not provided by the agreement, but may be added to facilitate queries as needed.
INCLUDED_IND		VARCHAR2	1			SUBSTANCE INCLUDED INDICATOR: a yes / no flag indicating that this substance is explicitly included in the land mineral rights.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
STRAT_NAME_SET_ID		VARCHAR2	20			STRAT NAME SET IDENTIFIER: Unique identifier for the stratigraphic name set. A stratigraphic name set is an unordered collection of stratigraphic units, that may be in use for a Lexicon, a geographic area, a project, a company etc.
TOP_MD		NUMBER	10, 5			TOP MEASURED DEPTH: Measured depth from the surface to the top of the zone interval.
TOP_STRAT_UNIT_ID		VARCHAR2	20			TOP STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit that is at the top of the land zone.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_SPATIAL_DESCRIPTION

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
SPATIAL_DESCRIPTION_ID	Not Null	VARCHAR2	20	P		SPATIAL DESCRIPTION: The surface and sub-surface description of any object that occupies an area, such as a land right, field, facility or area of interest.
SPATIAL_OBS_NO	Not Null	NUMBER	8, 0	P		SPATIAL DESCRIPTION OBSERVATION NUMBER: a unique series number for the spatial description, allowing the spatial description to be versioned over time.
COORD_SYSTEM_ID		VARCHAR2	20		L_CS_COORDINATE_SYSTEM	COORDINATE SYSTEM ID: unique identifier for the coordinate system.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
LINE_IND		VARCHAR2	1			LINE INDICATOR: a Y/N flag indicating that this spatial description contains a linear description in the table SP_LINE.
MAX_LATITUDE		NUMBER	12, 7			MAXIMUM LATITUDE: Maximum latitude of the Bounding box for the spatial description
MAX_LONGITUDE		NUMBER	12, 7			MAXIMUM LONGITUDE: Maximum longitude of the Bounding box for the spatial description
MIN_LATITUDE		NUMBER	12, 7			MINIMUM LATITIDE: Minimum latitude of the Bounding box for the spatial description
MIN_LONGITUDE		NUMBER	12, 7			MINIMUM LONGITUDE Minimum longitude of the Bounding box for the spatial description
POINT_IND		VARCHAR2	1			POINT INDICATOR: A Y/N flag indicating whether this spatial description is supported with locations that are point geometries.
POLYGON_IND		VARCHAR2	1			POLYGON INDICATOR: Indicates that this land legal description is described by one or more polygons.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SPATIAL_DESC_TEXT_IND		VARCHAR2	1			SPATIAL TEXT DESCRIPTION INDICATOR: indicates that the land legal description is described by a textual description, such as metes and bounds.
SPATIAL_DESC_TYPE		VARCHAR2	20			SPATIAL DESCRIPTION TYPE: The type of description. May be for a land right, surface restriction, pool, field, spacing unit etc.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_STRAT_NAME_SET

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
STRAT_NAME_SET_ID	Not Null	VARCHAR2	20	P		STRAT NAME SET IDENTIFIER: Unique identifier for the stratigraphic name set. A stratigraphic name set is an unordered collection of stratigraphic units, that may be in use for a Lexicon, a geographic area, a project, a company etc.
BUSINESS_ASSOCIATE		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EFFECTIVE_DATE		DATE	7			EFFECTIVE DATE: Date on which the item became a viable entity.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PREFERRED_IND		VARCHAR2	1			PREFERRED INDICATOR: A yes / no flag indicating that this row is the preferred version, and should be used by default.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_STRAT_UNIT

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
STRAT_NAME_SET_ID	Not Null	VARCHAR2	20	P	L_STRAT_NAME_SET	STRAT NAME SET IDENTIFIER: Unique identifier for the stratigraphic name set. A stratigraphic name set is an unordered collection of stratigraphic units, that may be in use for a Lexicon, a geographic area, a project, a company etc.
STRAT_UNIT_ID	Not Null	VARCHAR2	20	P		STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit.
AVERAGE_AGE		NUMBER	15, 5			AVERAGE AGE CODE: A number that indicates the age of a stratigraphic unit relative to others in the same strat name set. Higher numbers are older than lower numbers.
BUSINESS_ASSOCIATE		VARCHAR2	20		L_BUSINESS_ASSOCIATE	BUSINESS ASSOCIATE: Unique identifier for a business associate, such as a person, company, regulatory agency, government or consortium.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
EFFECTIVE_DATE		DATE	7			EFFECTIVE DATE: Date on which the item became a viable entity.
FAULT_TYPE		VARCHAR2	20			FAULT TYPE: Usage of this column will be evaluated by future work groups to determine how it should be used (or deprecated) in the model.
FORM_CODE		VARCHAR2	20			FORMATION CODE: code given to the formation name.
LONG_NAME		VARCHAR2	60			LONG NAME: Common long name given to reference type or code.
MAX_AGE		NUMBER	15, 5			MAX AGE CODE: A number that indicates the age of a stratigraphic unit relative to others in the same strat name set. Higher numbers are older than lower numbers.
MIN_AGE		NUMBER	15, 5			MIN AGE CODE: A number that indicates the age of a stratigraphic unit relative to others in the same strat name set. Higher numbers are older than lower numbers.
ORDINAL_AGE_CODE		NUMBER	15, 5			ORDINAL AGE CODE: A number that indicates the age of a stratigraphic unit relative to others in the same strat name set. Higher numbers are older than lower numbers. This column may be used to assist in locating all stratigraphic units older or younger than a specified unit.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_STRAT_WELL_SECTION

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
UWI	Not Null	VARCHAR2	20	P	L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.
STRAT_NAME_SET_ID	Not Null	VARCHAR2	20	P	L_STRAT_UNIT	STRAT NAME SET IDENTIFIER: Unique identifier for the stratigraphic name set. A stratigraphic name set is an unordered collection of stratigraphic units, that may be in use for a Lexicon, a geographic area, a project, a company etc.
STRAT_UNIT_ID	Not Null	VARCHAR2	20	P	L_STRAT_UNIT	STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit.
INTERP_ID	Not Null	VARCHAR2	20	P		INTERPRETATION IDENTIFIER: a unique number added to enable a single strat unit to be identified more than once as part of a stratigraphic column. Multiple occurances may occur for many reasons, including folding, faulting or a non-vertical interpretation of the strat column.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
INTERPRETER		VARCHAR2	20		L_BUSINESS_ASSOCIATE	INTERPRETER: The business associate who interpreted this well section.
ORDINAL_SEQ_NO		NUMBER	8, 0			ORDINAL SEQUENCE NUMBER: sequence in which this unit occurs in the column, from surface to base
OVERTURNED_IND		VARCHAR2	1			OVERTURNED INDICATOR: a yes / no flag indicating that the strat unit is part of an overturned section and that the normal sequnce of occurrence is reversed.
PICK_DATE		DATE	7			PICK DATE: the date that the pick was made.
PICK_TVD		NUMBER	10, 5			PICK TRUE VERTICAL DEPTH: True vertical depth from the surface datum to the pick of the formation top.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
STRAT_UNIT_AGE		NUMBER	15, 5			STRAT UNIT AGE: The age in years of the stratigraphic unit.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_WELL

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
UWI	Not Null	VARCHAR2	20	P		UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.
ALT_WELL_NAME		VARCHAR2	60			ALT_WELL_NAME: Name or code assigned to a well by a partner, agency or application.
AOF_COUNT		NUMBER	5, 0			AOF_COUNT: The number of Absolute Open Flow's that were done on this well.
ASSIGNED_FIELD		VARCHAR2	20		L_FIELD	ASSIGNED FIELD: The field that this well is assigned to for production purposes.
BASIN		VARCHAR2	60			BASIN: Common name give to reference type.
BOTTOM_HOLE_LATITUDE		NUMBER	12, 7			BH_LATITUDE: Latitude of bottom hole point projected to surface.
BOTTOM_HOLE_LOC_QUALITY		VARCHAR2	240			BH_QUALITY: Description of the accuracy of the BH_LONGITUDE and BH_LATITUDE
BOTTOM_HOLE_LONGITUDE		NUMBER	12, 7			BH_LONGITUDE: Longitude of bottom hole point projected to surface.
COMPLETION_DATE		DATE	7			COMPLETION_DATE: The date on the official filing or completion report indicating the well is established as ready to produce, inject or abandon.
COMP_COUNT		NUMBER	5, 0			COMP_COUNT: The number of completions that were done on the well.
CONFIDENTIAL_DATE		DATE	7			CONFIDENTIAL DATE: Date confidential information can be released to the general public.
CORE_COUNT		NUMBER	5, 0			CORE_COUNT: The number of cores cut in this well.
COUNTRY		VARCHAR2	20			REFERENCE COUNTRY: A reference table identifying a division of land, political nation or territory. For example Austria, Canada, United Kingdom, USA, Venezula.
CURRENT_CLASS		VARCHAR2	20			WELL CLASS: REFERENCE WELL CLASSIFICATION: A reference table identifying the classification of a well commonly based on the Lahee system. For example New Field Wildcat, Deeper Pool Test, Outpost or Development
CURRENT_STATUS		VARCHAR2	60			CURRENT_STATUS: Description of the actual status of the well on a specific date.
CURRENT_STATUS_DATE		DATE	7			CURRENT STATUS DATE: Date of the current status of the well.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
DATUM		VARCHAR2	60			DATUM: The name of the datum associated to the SH_LATITUDE and SH_LONGITUDE attributes
DIR_SRVY_COUNT		NUMBER	5, 0			DIR_SRVY_COUNT: The number of directional survey's that were run on this well.
DRILL_RIG_NUM		VARCHAR2	30			DRILL RIG NUMBER: The number of the drill rig used to drill the well.
DRILL_TD		NUMBER	10, 5			DRILL_TD: Total or maximum depth of the well as reported by the operator / driller.
DST_COUNT		NUMBER	5, 0			DST_COUNT: The number of Drill Stem Tests that were run in this well.
FINAL_DRILL_DATE		DATE	7			FINAL DRILL DATE: Date the drilling operations for the well were finalized.
FINAL_TD		NUMBER	10, 5			FINAL TOTAL DEPTH: The actual measurement along the well path from the reference datum to the bottom of the well.
GROUND_ELEV		NUMBER	10, 5			GROUND ELEVEVATION: The elevation of the ground at the well site.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_WELL

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
IPTS_COUNT		NUMBER	5, 0			IPTS_COUNT: The number of presssure tests that were run in this well.
KB_ELEV		NUMBER	10, 5			KELLY BUSHING ELEVATION: The elevation of the kelly bushing (generally measured from sea level)
LAST_INJECTION_DATE		DATE	7			LAST INJECTION DATE: The date that injection volumes were last reported for this entity.
LAST_PRODUCTION_DATE		DATE	7			LAST PRODUCTION DATE: The date that production was last reported for this entity.
LEASE		VARCHAR2	60			LEASE: Name assigned to the lease by the regulatory agency with jurisdiction over the minerals in the area where the lease is located.
LICENSEE		VARCHAR2	20		L_BUSINESS_ASSOCIATE	LICENSEE: The Business Associate representing the licensee of the well.
LICENSE_DATE		DATE	7			LICENSE_DATE: Date the well was issued.
LICENSE_NUMBER		VARCHAR2	60			LICENSE_NUMBER: License number for the permit to drill.
LOG_COUNT		NUMBER	5, 0			LOG_COUNT: The number of logs that were run on this well.
MAX_TVD		NUMBER	10, 5			MAXIMUM TRUE VERTICAL DEPTH: The maximum true vertical depth from the surface datum reference to the final total depth or deepest point, measured on a straight line.
OLDEST_STRAT_AGE		NUMBER	15, 5			OLDEST STRAT AGE: The age in years of the stratigraphic unit.
OLDEST_STRAT_UNIT_ID		VARCHAR2	20		L_STRAT_UNIT	STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit.
ON_INJECTION_DATE		DATE	7			ON INJECTION DATE: The date that injection was first reported for this entity.
ON_PRODUCTION_DATE		DATE	7			ON PRODUCTION DATE: The date that production was first reported for this entity.
OPERATOR		VARCHAR2	20		L_BUSINESS_ASSOCIATE	OPERATOR: The Business Associate representing the owners of the well, responsible for the operations of drilling and producing the well and for reporting these activities to the partners and regulatory agencies.
OPERATOR_ABBREVIATION		VARCHAR2	20			OPERATOR_ABBREVIATION: Common short name used for OPERATOR.
PARENT_RELATIONSHIP_TYPE		VARCHAR2	20			PARENT RELATIONSHIP TYPE: Indicates the type of relationship between well and well bore, such as side track, reentry etc.
PARENT_UWI		VARCHAR2	20			UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.
PLOT_SYMBOL		VARCHAR2	20			PLOT_SYMBOL: The identifier for the type of symbol to plot on a map.
POOL		VARCHAR2	60			POOL: The name of the pool.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PRODUCING_HORIZON		VARCHAR2	60			PRODUCING_HORIZON: The name of the formation from which the well is producing.
PRODUCING_STATUS		VARCHAR2	60			PRODUCING_STATUS: The result of the well (i.e. currently producing, abandoned, shut-in, completed).
PRODUCING_STRAT_AGE		NUMBER	15, 5			PRODUCING_STRAT_AGE: The age of the formation from which the well is producing.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_WELL

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
PROFILE_TYPE		VARCHAR2	20			WELLBORE SHAPE: A reference table describing a type of wellbore shape. For example vertical, horizontal, directional or s-shaped.
PROSPECT_NAME		VARCHAR2	60			PROSPECT NAME: The name of the prospect that this well as drilled as/into.
PROVINCE_STATE		VARCHAR2	20			PROVINCE STATE: A reference table identifying valid states, provinces or other political subdivisions of countries. For example, Colorado, Texas in the US, Alberta in Canada
REGION		VARCHAR2	60			REGION: Name of the geographic region the well is situated in.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
RIG_RELEASE_DATE		DATE	7			RIG RELEASE DATE: Date the drilling rig can be released from operations and moved from the well site as specified in the contract.
SITUATION		VARCHAR2	60			SITUATION: Description of the accuracy of the SH_LONGITUDE and SH_LATITUDE.
SPUD_DATE		DATE	7			SPUD DATE: Date the drilling operations commenced on the well. The first day hole is made.
STATUS_TYPE		VARCHAR2	20			STATUS TYPE: The type of status reported for the well. Can include construction status, operating status, producing status, abandonment status etc.
SURFACE_LATITUDE		NUMBER	12, 7			SH_LATITUDE: Angular distance in decimal degrees, north or south of the equator. A positive value represents a north latitude.
SURFACE_LOC_QUALITY		VARCHAR2	60			SH_QUALITY: Description of the accuracy of the SH_LONGITUDE and SH_LATITUDE.
SURFACE_LONGITUDE		NUMBER	12, 7			SH_LONGITUDE: Angular distance in decimal degrees, east or west of the equator. A negative value represents a west longitude.
SURFACE_UWI		VARCHAR2	20			SURFACE_UWI: The surface location or UWI for the well.
SURVEY_GRID		VARCHAR2	30			SURVEY_GRID: A collection of polygon features used to represent a survey grid.
SU_COUNT		NUMBER	5, 0			SU_COUNT: The number of stratigraphic units picked in this well.
TD_FORMATION		VARCHAR2	60			TD_FORMATION: The name of the formation at the bottom hole location.
TD_STRAT_AGE		NUMBER	15, 5			TD_STRAT_AGE: The age of the formation at the bottom hole location.
TD_STRAT_NAME_SET_ID		VARCHAR2	20		L_STRAT_UNIT L_STRAT_UNIT	STRAT NAME SET IDENTIFIER: Unique identifier for the stratigraphic name set. A stratigraphic name set is an unordered collection of stratigraphic units, that may be in use for a Lexicon, a geographic area, a project, a company etc.
TD_STRAT_UNIT_ID		VARCHAR2	20		L_STRAT_UNIT	STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit.
VEL_SRVY_COUNT		NUMBER	5, 0			VEL SRVY COUNT: The count of the velocity surveys done in this well.
WATER_DEPTH		NUMBER	10, 5			WATER DEPTH: Depth of the water at a well (measured from the water level to the mud line).
WATER_DEPTH_DATUM		VARCHAR2	20			WATER DATUM: Reference datum to which the water depth is referenced, such as mean sea level.
WELL_NAME		VARCHAR2	60			WELL NAME: Name assigned to the well. This may be the legal or registered name as it appears on a permit or a given name assigned by the operator.
WELL_NUMBER		VARCHAR2	30			WELL_NUMBER: Number or alphanumeric name assigned to each well by the

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_WELL

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
						operator. For example J21 or 10-26.
WELL_NUMERIC_ID		VARCHAR2	20			WELL NUMERIC IDENTIFIER: A unique numeric identifier that is used to enhance performance of spatial queries using the intersection table WELL_GEOMETRY. Although this column is defined as OPTIONAL, if used at all, procedures should ensure that no duplicates are permitted (including NULLs).
WELL_TYPE		VARCHAR2	20			WELL_TYPE: A generic grouping for the type of well (i.e Oil, Gas, Water, Injection).
ROW_CHANGED_DATE		DATE	7			ROW CHANGED DATE: System date of the last time the row was changed.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_WELL_ALIAS

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
UWI	Not Null	VARCHAR2	20	P	L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.
SOURCE	Not Null	VARCHAR2	30	P		SOURCE: The individual, company, agency, application or other source designated as the source of information for this row.
WELL_ALIAS_ID	Not Null	VARCHAR2	20	P		WELL ALIAS: Alternate or previous name/identifier assigned to the well.
ALIAS_TYPE		VARCHAR2	20			ALIAS TYPE: The type of alias, such as partner, historical, records etc.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PREFERRED_IND		VARCHAR2	1			PREFERRED INDICATOR: A yes / no flag indicating that this row is the preferred version, and should be used by default.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
WELL_ALIAS		VARCHAR2	60			WELL ALIAS: Full alias name or code assigned to a well by a partner, agency or application.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum

Table Name: L_WELL_SERVICE

Column Name	Nullable	Data-Type	Length	Key	Referenced Table(s)	Column Comment
UWI	Not Null	VARCHAR2	20	P	L_WELL	UNIQUE WELL IDENTIFIER: A unique name, code or number designated as the primary key for this row.
SOURCE	Not Null	VARCHAR2	30	P		SOURCE: The individual, company, agency, application or other source designated as the source of information for this row.
SERVICE_TABLE	Not Null	VARCHAR2	30	P		SERVICE_TABLE: The name of the PPDM 3.7 table where the data for the row has come from.
SERVICE_TYPE	Not Null	VARCHAR2	20	P		SERVICE_TYPE: Most the the PPDM 3.7 tables store the type of work that was done, such as a core or cement job, a DST run, etc.
SERVICE_NUMBER	Not Null	NUMBER	5, 0	P		SERVICE_NUMBER: The number of the run within the SERVICE_TYPE.
BASE_MD		NUMBER	10, 5			BASE MEASURED DEPTH: Measured depth from the surface to the base of the zone interval.
BASE_STRAT_UNIT_AGE		NUMBER	15, 5			BASE STRAT UNIT AGE: The age, in years of the stratigraphic unit.
BASE_STRAT_UNIT_ID		VARCHAR2	20		L_STRAT_UNIT	BASE STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit that is at the base of the land zone.
DATA_SOURCE		VARCHAR2	30		L_PPDM_DATA_SOURCE	DATA SOURCE: Identifies what transaction based system the row of data originated from.
PPDM_GUID		VARCHAR2	38			PPDM GUID: This value may be used to provide a global unique identifier for this row of data. If used, optional PPDM NOT NULL constraints should be created.
PRIMARY_STRAT_UNIT_AGE		NUMBER	15, 5			PRIMARY STRAT UNIT AGE: The age, in years of the stratigraphic unit.
PRIMARY_STRAT_UNIT_ID		VARCHAR2	20		L_STRAT_UNIT	STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the Primary, Top or Base stratigraphic unit.
REMARK		VARCHAR2	2000			REMARK: General remarks about this row of data
SERVICE_DATE		DATE	7			SERVICE DATE: the date that the service provided was completed.
STRAT_NAME_SET_ID		VARCHAR2	20		L_STRAT_UNIT L_STRAT_UNIT L_STRAT_UNIT	STRAT NAME SET IDENTIFIER: Unique identifier for the stratigraphic name set. A stratigraphic name set is an unordered collection of stratigraphic units, that may be in use for a Lexicon, a geographic area, a project, a company etc.
TOP_MD		NUMBER	10, 5			TOP MEASURED DEPTH: Measured depth from the surface to the top of the zone interval.
TOP_STRAT_UNIT_AGE		NUMBER	15, 5			TOP STRAT UNIT AGE: The age, in years of the stratigraphic unit.
TOP_STRAT_UNIT_ID		VARCHAR2	20		L_STRAT_UNIT	TOP STRATIGRAPHIC UNIT IDENTIFIER: unique identifier for the stratigraphic unit that is at the top of the land zone.

©Copyright 1998-2007, PPDM Association. All rights reserved

Forward questions and comments to the Change Management Forum