

NGDA Dataset Report

Official NGDA Title: Outer Continental Shelf Oil and Natural Gas Wells - Pacific OCS Region NAD 83

Metadata Record Title: Outer Continental Shelf Oil and Natural Gas Wells - Pacific OCS Region NAD 83

A-16 NGDA Theme: Geology

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Metadata:

Registration Status: Complete

Registered on 4/2/2015

GeoPlatform Link*: <https://www.geoplatform.gov/node/243/0e3c557b-21f8-4263-8bbf-72ccb2ab300b>

Data.gov Metadata Link*: <http://catalog.data.gov/harvest/object/62cb90df-0d24-46ec-9506-97d7a3fb8ad7/html>

*If the metadata has been updated and reharvested after publication of this report, the link may no longer be valid. The dataset may be searched for manually in Data.gov or GeoPlatform.gov.

NGDA Lifecycle Maturity Assessment (LMA) Report

Time Frame:

1963 to 2015

LMA Submission:

Status: Complete

Date: 10/28/2015

Extension Requested: Yes

LMA Reviewer(s):

Supervisor: Did not review

Theme Lead: Kumkum Ray

Executive Champion: Did not review

SAOGI*: Did not review

Other: Did not review

LMA Verifier:

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Attachments:

To get access to any attachments referenced in the report, email the LMA Help Desk at NGDA_LMA_help@fgdc.gov. Please use the subject "Dataset Report Attachment(s)" and indicate the associated official NGDA title.

*Senior Agency Official for Geospatial Information (SAOGI)

Lifecycle Maturity Assessment (LMA) Summary

Overall Maturity:

Mature; Consistent

General Questions: 90%

Optimized; Established

Stage 4 - Access: 100%

Optimized; Established

Stage 1 - Define/Plan: 100%

Optimized; Established

Stage 5 - Maintain: 100%

Optimized; Established

Stage 2 - Inventory/Evaluate: 100%

Optimized; Established

Stage 6 - Use/Evaluate: 77%

Mature; Consistent

Stage 3 - Obtain: 100%

Optimized; Established

Stage 7 - Archive: 0%

No Activity

NGDA Dataset Maturity Definitions:

How To Calculate Maturity: https://www.geoplatform.gov/sites/default/files/How_to_Calculate_Maturity.pdf

Maturity	Maturity Characteristics for All Lifecycle Stages
Optimized; Established Rank = 5	Dataset meets virtually all business needs of all users. The dataset is considered authoritative by owners and secondary users. It is curated across all stages of the approved lifecycle. Future needs are defined on a regular basis and resources for addressing both current and future business requirements are available.
Mature; Consistent Rank = 4	Dataset meets all the business needs of the primary owner and most of the secondary users. The dataset is curated and used as authoritative by the primary owner. Dataset is used widely by secondary users actively engaged in sustaining the dataset. Future needs are identified and steps are planned to address these. All stages are supported and reviewed on a recurring basis. The dataset is well managed in relation to the approved lifecycle.
Managed; Predictable Rank = 3	Dataset meets a significant number of the business needs of the primary owner and is widely used as an authoritative resource by secondary users. Benchmark activities are occurring in at least four of the approved lifecycle stages. Management practices in relation to the approved lifecycle is moderate but consistent. Dataset is integrating changing business requirements in lifecycle stages impacting overall maturity.
Transition; Transformation Rank = 2	Dataset meets business needs of the primary owner and has moderate use by secondary users. Benchmark activities are occurring in at least three stages. Efforts to integrate funding, include partners, and obtain data are not supported in a sustained manner. Management practices in relation to the stages of the approved lifecycle is limited.
Planned; Initial Development Rank = 1	Dataset limited in meeting business needs of the primary owner. Benchmark activities in the approved lifecycle are just starting to consider secondary uses, partnerships are forming to support additional dataset uses. Dataset development is in a very early stage. Minimal or limited management against the benchmarks in the approved lifecycle.
No Activity Rank = no activity	Dataset meets project or local business needs of the primary owner, secondary or additional uses or users were not considered, not recognized as an authoritative data or is part of a similar dataset. Not managed to any of the benchmarks in the approved lifecycle.

General Questions for All Stages

1) Is there a recurring process to obtain funding for all lifecycle stages of this dataset?

Answer: Funding support is part of agency budget on a recurring basis, funding is consistent and tied to business processes, and supports all lifecycle stages.

Justification Comment:

Attachment(s): 0

Regional geographer is tasked with obtaining dataset from bureau-wide database. Bureau-wide database is updated regularly. This is all part of base funding.

2) Is there a process in place to ensure that open government and transparency guidelines are followed in all lifecycle stages for this dataset?

Answer: Process is published as appropriate with respect to sensitivity requirements, process is transparent, published appropriately.

Justification Comment:

Attachment(s): 0

The process of documenting and recording well locations is necessarily stringent and transparent. All potential wells must be approved through a site called eWell; their location is recorded in our bureau-wide, internal database called TIMS (Technical Information Management System).

eWell: <https://ewell.bsee.gov/ewell/>

3) Are there processes and tools in place so that staff are sufficiently knowledgeable to ensure a continuity of the dataset for all stages of the lifecycle, especially during staffing transitions?

Answer: Processes and tools to ensure dataset continuity are defined and beginning to be implemented.

Justification Comment:

Attachment(s): 0

We have a well-documented process for putting well locations into our database.

The Standard Operating Procedure (SOP) is a secure document, and is not to be distributed outside of the Bureau of Ocean Energy Management (BOEM) and the Bureau of Safety and Environmental Enforcement (BSEE).

There is some concern about the training of new staff to ensure data set consistency during staff transitions within the Pacific Region.

STAGE 1 - Define/Plan

4) Are user and business requirements defined and formalized?

Answer: A recurring process is in place, including defining new partner and stakeholder business needs as they arise, and is fully implemented.

Justification Comment:

Attachment(s): 0

The process happens frequently, so we have a process in place.

Potential producers must register and be approved through our eWell system. All wells are then applied for, approved, and all activities are reported through that system.

5) How are partners/stakeholders involved in the requirements collection process?

Answer: A recurring process is in place, including defining new partner and stakeholder business needs as they arise, and is fully implemented.

Justification Comment:

Attachment(s): 0

The data is entered into eWells by the oil and gas companies, thus they are intimately involved in

creating the data.

6) Is there a quality assurance process for the dataset?

Answer: Quality assurance published as appropriate with respect sensitivity requirements.

Justification Comment: Attachment(s): 1
The data is reviewed and commented upon before it is accepted and put into the database.

7) Is there a process to evaluate the sensitivity, privacy, and confidentiality of this dataset?

Answer: Sensitivity, privacy, and confidentiality evaluations fully implemented, reviewed and updated on a recurring basis.

Justification Comment: Attachment(s): 0
The data is public knowledge, therefore it is not necessary to evaluate privacy, etc.

8) Are defined data standards used in collecting, processing, and/or rendering the data?

Answer: Standards fully implemented documented and published as appropriate.

Justification Comment: Attachment(s): 0
The data is reviewed and commented upon before it is accepted and put into the database.

STAGE 2 - Inventory/Evaluate

9) Is there a process for determining if data necessary to meet requirements already exist from other sources (either within or outside the agency) before collecting or acquiring new data?

Answer: Process for determining appropriate data is being reused fully implemented, reviewed, and updated on a regular basis.

Justification Comment: Attachment(s): 0
We are the definitive source for this data; therefore, there is no way the data could come from other sources.

STAGE 3 - Obtain

10) Is there a process for obtaining data in relation to this dataset?

Answer: Process is fully implemented, reviewed and updated on a regular basis.

Justification Comment: Attachment(s): 0
The database is updated whenever a new well is created. Oil Platform Operators submit new wells in eWell, and it is uploaded to TIMs.

11) Is the metadata in a FGDC endorsed geospatial metadata standard?

Answer: Metadata is available in a format endorsed by the FGDC, it fully describes the dataset and provides all the information required to make the dataset discoverable, accessible, and usable.

Justification Comment: Attachment(s): 0
The metadata is in a format endorsed by the FGDC.

<http://catalog.data.gov/dataset/outer-continental-shelf-oil-and-natural-gas-wells-pacific-ocs-region-nad-83>

12) How complete is the geographic coverage as defined in the requirements for the dataset?

Part 1 Answer: Business requirements for cyclic updates identified and a process is in place.

Part 2 Answer: Dataset has presently attained the greatest geographic coverage as defined by the current requirements or roughly 100%.

Justification Comment: Attachment(s): 0

Every well that has been drilled within the Pacific OCS is included in the dataset.

STAGE 4 - Access

13) Do you have a process for providing users access to the data in an open digital machine readable format?

Answer: User access process is fully implemented, data is available, process is reviewed and updated on a recurring basis.

Justification Comment:

Attachment(s): 0

The data is made available on our website.

<http://www.boem.gov/Oil-and-Gas-Energy-Program/Mapping-and-Data/Pacific.aspx>

STAGE 5 - Maintain

14) Is there a maintenance process for updating and storing the dataset?

Answer: Dataset maintenance process is fully implemented and processes are reviewed and periodically updated.

Justification Comment:

Attachment(s): 1

The data is updated regularly as well operators enter the data into eWells. We update our data in house intermittently as staff require updated information. There is not an SOP for this process.

15) Is there an error correction process as part of dataset maintenance?

Answer: Error correction process includes user notification, process reviewed on a recurring basis.

Justification Comment:

Attachment(s): 1

Often times errors might not be caught. When an error is caught it is updated eWell by Bureau of Safety and Environmental Enforcement. There is presently a process to verify the accuracy of the entire dataset. This process will likely take several years.

STAGE 6 - Use/Evaluate

16) Is there a process to determine if the dataset meets user needs?

Answer: Process is fully implemented and repeated on a recurring basis.

Justification Comment:

Attachment(s): 0

We are the main user. Our datasets are reviewed to insure they are correct and meet our needs.

17) Is there a process to provide users information on how to access and properly use the dataset?

Answer: Process is fully implemented supporting access and proper use, process is reviewed on a recurring basis.

Justification Comment:

Attachment(s): 0

The dataset is fully available on our website.

<http://www.boem.gov/Oil-and-Gas-Energy-Program/Mapping-and-Data/Pacific.aspx>

18) Are the business processes and management practices assessed to meet changing technology?

Answer: Assessment process is being developed to take advantage of changing technology.

Justification Comment:

Attachment(s): 0

There is discussion of updating our bureau-wide database.

STAGE 7 - Archive

19) Is there an archiving process for the dataset?

Answer: No archival or disposition process.

Justification Comment:

Not that I am aware of.

Attachment(s): 0