



RBDMS

10/29/2020

AOR GENERATION TOOL AND EDD APPLICATION

Agenda

- AOR Feature Overview
- AOR Technical Overview
- EDD Configuration
- EDD Application Enhancement Overview
- Use in other States
- Demo
 - Michigan AOR
 - Security Application Integration
 - Enhancements

AOR Feature Overview

- Submit AOR information
- Tools to generate AOR
- Operator log-in
- Agency log-in
- Agency review w/permissions-based actions

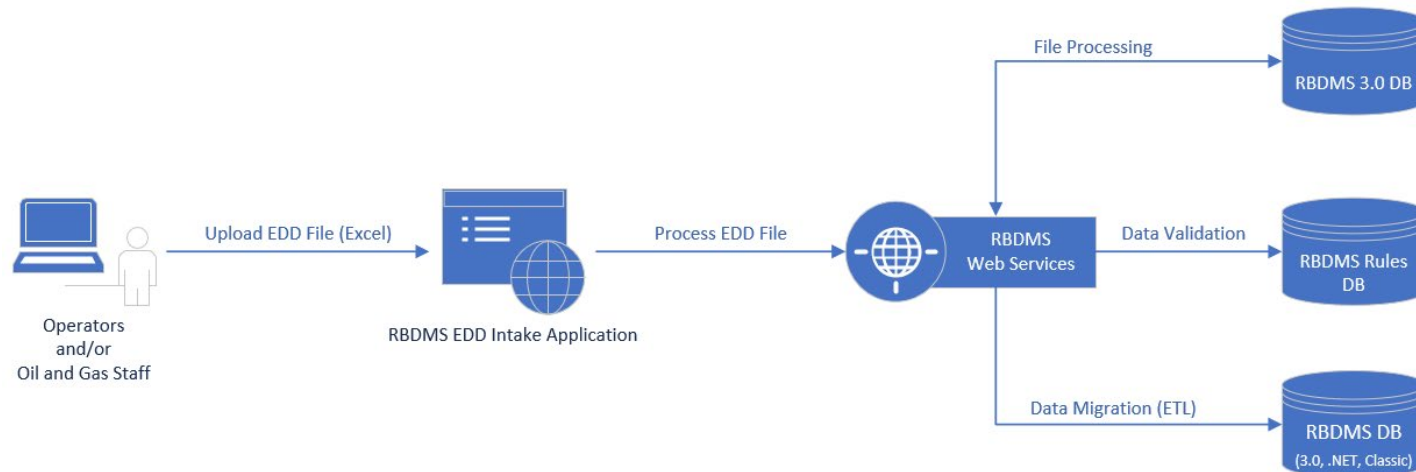
Security Integration

Security Roles		Permissions	System Override	User Management	EDD Pre-Submit	EDD Submit	EDD Post Submit / Review	EDD Approve / Accept	EDD Migrate	Post EDD Migrate
					EDDUpload	EDDUploadSubmit	EDDUploadReview	EDDUploadReview	EDDUploadMigrate	
Internal	Internal Admin		-	CRUD	CRUD	Y	CRUD	CRUD	Y	R
	Internal Reviewer		-	R	CRU	Y	RU	RU	Y	R
	System Admin		CRUD	CRUD	CRUD	Y	CRUD	CRUD	Y	CRUD
External	Organization Submitter		-	-	CRUD	Y	R	R	N	R
Public	Public		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

EDD Application Enhancement Overview

- Template validation
- Background validation & refresh
- Provides individuals record or bulk review configurations
- CSV support
- Upload by-pass
- Application updated to handle data types
- User Interface updates to make it easier to use

AOR Technical Overview



- Based on RBDMS 3.0 architecture
 - Focus on configuring EDD's in JSON
 - Supports 3.0 rules and SQL validation

EDD Configuration

- EDDs are configurable through a JSON config file
 - Field customizations
 - Masks, dropdowns, multi-selects, dates, look-up values from RBDMS RefCodes, text areas
 - Validation type and rules
 - Review requirement and review fields

```
40     "ReviewRequired": true,  
41     "ReviewElements": [  
42     {  
43         "DataRecordType": "FileHeader",  
44         "Label": "Agency Review",  
45         "DisplayType": "ReviewStatus",  
46         "CSSClass": "col-md-2"  
47     },  
48     {  
49         "DataRecordType": "FileHeader",  
50         "Label": "Agency Comments",  
51         "DisplayType": "TextArea",  
52         "CSSClass": "col-md-4"  
53     },  
54     {  
55         "DataRecordType": "FileHeader",  
56         "Label": "Reviewed By (Full Name)",  
57         "DisplayType": "TextInput",  
58         "CSSClass": "col-md-3"  
59     }  
60 ],  
61     "FieldCustomizations": [  
62     {  
63         "FieldName": "API Number",  
64         "FieldType": "Masked",  
65         "Mask": "00-000-00000-0000"  
66     },  
67     {  
68         "FieldName": "Surface Township Direction",  
69         "FieldType": "Dropdown",  
70         "DataSource": "JSON",  
71         "DropdownValues": [ "N", "S" ]  
72     },  
73     {  
74         "FieldName": "Surface Range Direction",  
75         "FieldType": "Dropdown",  
76         "DataSource": "JSON",  
77         "DropdownValues": [ "E", "W" ]  
78     }  
79 ],  
80 }
```

Use in other States

- Base system is built and ready to use
- Implementation cost drivers
 - Configuration vs. customization
 - Number of fields in EDD
 - Number and complexity of validation rules
 - Customization of user interface (standard vs. advanced view)
 - Migration patterns (use product base tables or map to State specific backend database)
 - Custom security configuration

Demo

Generate Area of Review

API Number

-- OR --

Latitude: 44.91187881301998

Longitude: -84.80106353759766

Click on Map

Buffer Distance (ft): 1320

Reset Calculate

Map Layers

Legend

RBDMS EDD Upload

Operator Submitter, Test Oil and Gas

Area of Review Well List

API Number (14 digit)	Well Name	Operator Name	Well Type	Max MD	Max TVD	
21137312290000	BREWER ET AL STATE HAYES 1-16	SWEPI LP	Dry Hole	6485		Remove
21137393990000	NORTH MICHIGAN LAND & OIL CO AS 3-16	ENERVEST OPERATING LLC	Natural Gas Well	1580		Remove
21137401900000	NORTH MICHIGAN LAND & OIL CORP. AS 6-16	ENERVEST OPERATING LLC	Natural Gas Well	1590		Remove

1 - 9 of 9 items

Export AOR EDD

https://edd.rbdms.line-45.net/Generator/Generate_AOR

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Questions?

