How to Login to EPINET Portal

In order to access the E&P database login to EPINET portal (recommended browser is Google chrome).

Login to the portal based on the approved user authentication.

If user account not available, in order to create new login account, download the user account creation from the EPINET Home page and submit the form duly approved to the regional epinet center or mail the same to epinet mailing address

User Account creation format

Now from the EPINET home page user can access the various modules as per their requirement

Data Loader: To load data into EPINET

Data Viewer: To view Data well wise or based on list of wells, download Data, generate map for viewing and printing and data transfer module.

GTO: To generate, view and download Geo Technical Order

CEGDIS: viewing and downloading geo scientific reports generated across ONGC
e-Core Library : Database of physical core library and issue requisition for core sample studies
Utilities: Software tools related to wells, logs and seismic
Helpdesk: module for raising queries related to EPINET software and data.

Data Viewer

Well Data

Searching for a well
Searching for a well data sub-class

Checking Data Availability
Downloading Report

Lease Data

Listing and finding data in Lease

Log Data

Downloading and Viewing

Select Well Option and Select or give UWI of the desired well

E.g. E-BRHL-37

displayed page will show Well Header details for confirmation.

Select Data Type as 'Well Data' and sub-type as 'Log Curves Composite' for downloading Composite Logs.

Similarly, can select other type of Logs viz. Conditioned/Processed/Raw if required for down loading.

Following displayed page will show curve details:

To select the desired curves 'tick' the check boxes.
To select all the curves 'tick' Select Page.
In case output in required in TVD, select Option in the list as TVD by default it is MD.

Gives two output options:

- Download LAS File – Select 'Right click to download'
- View Curve – Select 'Click to view curve'

LAS output File:

Processed Logs and Conditioned Logs can be downloaded in similar manner. In case of Raw Logs, since DLIS or LIS files are large in size, are down loaded to ftp server. From ftp server can be transferred to other machine/workstation through ftp or FileZilla

LAS Viewer

Las file being viewed using LAS HTML Viewer

Seismic Data

Searching and Downloading

3D Survey details

Download and View options

3D SEGY Viewer

Preview of a 3D Inlines – Cross Lines

GTO

1. Login to EPINET Portal **https://epinetddn.ongc.co.in**
2. Go to **GTO** Node
3. Click on **Set Current Well** and select the Well from the dropdown list
4. The Well name will be displayed under the **Selected Well** along with its message in the Message Box
5. GTO Data Entry for this well is **Frozen:**
6. This indicates that the GTO for this well has been approved. If this message does not appear in the message area indicates that the GTO for the selected is under process and is not finalized.
7. To Generate GTO, click on **Generate GTO** button and then click on **Go** to display the GTO on screen. It takes few seconds to generate and display. Have patience and wait for some time.
8. The Displayed GTO can now be downloaded either as pdf or jpg format file for further use.
9. The above sequence can be followed to display and download GTO of other wells.
10. Click on Exit once done.

Advanced Data Viewing Tools

Reports & Charts

Reports is a simple, intuitive interface which provides advanced download options in a single-window. You can download *all* well data classes for *multiple* wells in a single interface. Download of documents, Raw and Composite logs are also possible. Reports is also connected with DV Maps through which all data can be visualised and downloaded.

The interface has a 3-section layout with each layout buttons having specific functionality as shown below:

1. Search & Select **2. Save & Share** **3. View & Export**

1. Search & Select

The select area allows you to search and browse the following data

- Wells
- Lease Data
- 2D Survey & Navigation data
- 3D Survey and Boundary data
- Custom polygon and point data

The selection area also gives you multiple search options to filter wells or lease or seismic surveys according to your criteria. The following search options are available:

Basic quick-search

This is the basic search option available. This searches all well name columns (Release Name, Field Name and Proposed name) and quickly lists all results.

Multi-item Search

Often, there is a need to search for multiple items. The multi-search option can be used for the same. It can search for multiple strings in multiple fields.

Common well filters

For filtering wells based on some commonly queried condition, 3 filters are given: Field, Formation and Well Log.

After selecting a filter, you can select the values based on which you want to filter wells and then click on ***Filter wells*** to see the filtered result

Advanced well filtering

Advanced filters allow you to search for wells using customized conditions. Queries like the following are possible:

- Wells passing through basement formation
- Wells with depth between 3000 and 4000
- Wells containing specific Lab data

Now, filter window opens at the left pane

Following are the options:

- Click + to specify condition and add it to filter. For e.g.
- Finally, click ***Apply Filter*** to see results:

Multiple conditions can also be added. Match value has two options (when multiple conditions are added)

- Any - Lists a well if any of the conditions are fulfilled
- All - Lists a well only if all the listed conditions are fulfilled (This is the default filter option)

2. Save & Share

- Once you select data of interest, you can click on the ***Add to List*** icon to move your selection to a ***DataList***. A ***DataList*** in reports is similar to a shopping cart where you can keep adding all the data you are interested in.

- A DataList can contain any type of data that you can select – Well, Seismic or Lease or Polygon.

- After adding to ***DataList***, you can save it for later use. You can save a *public* or a *private* DataList. **Public data-lists** are visible to all users whereas private data-lists are available only for your use.

- To retrieve a saved data-list, you can click on My Lists and Load a list

3. View & Export

Once you have added items to data-list, you can use the icons in ***View & Export*** area to retrieve data in various formats as per your need. Export options give you the following functionality:

i. Export Well Data to Excel file (Reports)
ii. Create KML file for viewing in Google Earth
iii. Visualize Data online
iv. Export Documents and reports (WCR, FER, Core Reports, Lab reports, etc.)
v. Export Log – Raw, Composite, Conditioned and Processed
vi. Generate Charts
vii. View list items in Map (for exporting Seismic, Shape or any other data through DTM Maps)

Export Well Data to Excel

You can select multiple data classes for download by clicking on reports option and all selected data classes are downloaded.

Create KML file for viewing in Google Earth

In the same window, after adding wells to data-list, you can generate KML file to see data in Google Earth

Visualize Data online

The Visualize data option can also be used to see selected data online and plot columns

Export Documents and reports

1. Clicking on Documents would retrieve all documents available in EPINET related to the wells in the data-list. Then you can choose to download all files or only selected files (Total is limited to 50 files at a time)The files are then copied to the EPINET fileserver from where you can retrieve using FileZilla or any other FTP client. To get access details of fileserver, you need to contact respective EPINET site.
2. You can see the status of download job and the path of downloaded files using View download Jobs option.
3. Download Job list and status of download job

Export Log data

The steps for downloading log data is similar to downloading documents. You need to click on ***Log Data*** button instead of ***Documents*** and follow the rest of the steps to download files via fileserver

Generate Charts

After adding wells to data list, you can click on Charts in the export area to generate charts online

View in map

After saving data-list, if you click on "***View List items in Map button***", it sends the items in data-list to the DV Maps interface.

Now, all the functionality of DV Maps is available for your dataset:

Data Visualization & Charts

For example: CBM De-Watering and Gas Production data management and generation of Graphs in EPINET

Well Data Loader

Dataloader is an excel-like interface for loading tabular data into EPINET Database. Most of the data classes present in EPINET are loaded using this Dataloader. The steps for loading and managing data using the dataloader interface applies to the following data Classes:

- Well Data – Basic well header info
- Geology Data
- Geology Lab data
- Chemistry Lab data
- Petrophysical Lab data
- PVT Lab Data
- CBM Data
- Drilling Data
- Reservoir Data
- EOR Data

Overview

DataLoader can be accessed from the EPINET homepage

Layout

Initially, when DataLoader is opened, no form is selected. You need to click on tree items at the left (as shown above) and then select a form to see the DataLoader interface.

The following areas can be identified in the dataloader when a data class form is selected:

1. Toolbar

Toolbar shows all operations available to user (as per permission). Hover mouse over each icon to show details

2.Status Bar and Status Header

At any point of time, status header and status bar show the current status of grid. Error messages and operational steps are shown in status bar. If you're not sure what to do next or which button to click, the status bar will be able to guide you.

3.Data Class Tree

The Data class tree allows you to browse for a data class to find the data you need to load. You can click to expand categories or sub-categories (shown in bold font) and click on forms (Normal font) to see the data (as per permission available to you). You can use the search bar on top to search for a data class as shown in the screenshot at the right.

4.Data Display area

Data is displayed in the main display grid area. Columns in RED colour are mandatory columns while loading data. Columns in BLACK are normal columns and entry is optional. GREY columns are auto-filled by the system and user cannot enter data into those fields.

5.Data Count

By default 500 most recently loaded data are fetched for display. The right end of the toolbar displays the fetched data count and the total data count.

To load more data into view, click on Fetch More Data

Data Management – Loading, Editing and Deleting data

Loading new data

1. Click on Upload New Data

2. Now you can start entering data in grid area as in an excel sheet. You can also copy-paste data from excel or use the load from Excel file option to select an excel file and bring data into the grid

3. You can click on “Save” icon after you’re done.

Errors during loading (if any) are shown in the status bar

If there are no errors in your data, the status bar shows a message asking you to commit changes to the database. Please note: If you do not click on “*Confirm Load”*, your data will NOT be saved and all changes will be lost.

4. After committing, the loader switches to view mode and shows you the latest data that was loaded:

Editing Data

1. Click on “Edit Data” Icon. Grid enters *Edit Mode* now. Double-click on a cell to edit its value.

Only columns in bold text can be edited. Columns that are greyed cannot be edited

2. Click on *Save* and then *Commit* to write changes to database.

Errors during editing (if any) are displayed in red. Click on the cell to see the error message and correct the value.

Deleting Data

Deletion is intentionally designed to be a three-step operation to avoid accidental deletion of records

1. First, you need to enter *Delete Mode* by clicking on delete icon

2. Then, mark records for deletion by right clicking on records

You can mark/unmark multiple records also

3. Finally, click on *Delete* and then *Confirm* to write changes to database.

Errors while attempting to delete (if any) are displayed in red

Other operations

Apart from basic data *load*, *edit* and *delete* operations, other features are also available in the loader:

1. Save / Load Draft
2. Load Data from Excel
3. Visualize data
4. Search data
5. Template download
6. Data Download
7. Browse Related Information
8. View Spatial Data in Map

Save / Load draft

If you are in the midst of a loading task and have to leave for another work or if all data is not available, you can save a temporary working draft and log out without losing your work. Later, you can retrieve the draft and continue loading data. To save a working draft, click on *Save Draft* and specify a name for the draft dataset.

Later, you can click on *Load Draft* to load the saved draft and continue working.

Load Data from Excel

To load data from excel file directly, click on the Load from Excel icon after entering load mode.

A popup opens. You can click and choose an Excel file or drag-drop one into the selection area.

After selecting the excel file, the interface allows you to reorder, insert or remove columns to match the loader column interface.

When you click Finish, the reordered data is copied to loader form for loading into database

Visualize Data

With any data in view, click on Visualize option to open the plot interface

In the interface, you can plot any column against another column.

Any data class in EPINET can be plotted with this plot tool directly accessible from DataLoader at the click of a button. Below is a screenshot showing VSP data that has been plotted. This can be used to do a quick Quality Check (QC) of any data that has been loaded.

Search data

Clicking on search button in toolbar opens up the search tool which gives you all the options you need to search for data.

Template download

Clicking on *Download Excel Template* gives you an excel file containing the loader form columns. This file can be used to arrange, format and prepare data in MS-excel before bringing to DataLoader interface.

Data Download

The DataLoader also allows you to download EPINET data in Excel format. You can also search for a subset of data using search option and download only the result set

Browse related information

This feature allows user to lookup child data from a parent table/form. To browse for related data, right click on grid after selecting records for which you need to see related information

This opens a new form showing all related data classes available for the selected data. Pick one and click on Fetch data to see related data in a new form.

Visualize Spatial Data in Map

This is available for tables containing shape information such as Wells, Lease, Seismic Surveys, etc. Whenever map viewing options are available, Orange coloured icons appear in the toolbar. Selecting items in the grid and click in the view icon would open the Map view and display the selected records.

Special view options are also available for Deviation Data, Lease Data and Custom Polygon data (to view in map as well as to view shape and points) and for Seismic surveys.

Log Data Loader

Open Regional Homepage of EPINET. Select Data Loader Module. To launch Logging Loader
Click on 'Log Data Loader' under Logs Node. Perquisite: Java 7

Enter your credentials: *UserID* and *Password* to login to Log Loader Page

Users must have Java 1.7 running on their Desktops.

Enter Select button to choose Log files LAS/DLIS/LIS to be loaded in-house Log Loader Page

Select the file(s) from relevant folder from your desktop computer
We are choosing one merged log file of well named DMOH-4
In case of raw logs normally we can choose multiple files of same well to be loaded simultaneously.
Selected file will be visible in the list.

In case you want to attach some other file(s) as attachment with Log data file, Press 'Manage Attachment' button.

Press ADD button to add the attachment file.
Select the file to be attached.
You can view the attached file in the'Attached File' column
Press the 'Preview' button to view the log file before loading
Preview of Log file to be loaded.
Select Main file and Press 'Edit' Button to edit the log file.
Select the relevant UBHI from the 'Select UBHI' LOV
Select relevant Contractor name from the 'Contractor' LOV
Select relevant Project from 'Target Project' LOV.
Select 'RAW' option for original Logs and 'EDITED' for Merged and all kinds of edited logs.
Finally select relevant 'Curve Status' LOV carefully and Press OK.
From Main Loader Page, confirm the file(s) to be loaded.
In case you want to delete any file. Select the file and Press 'Delete' Button.
In case of many files, you can select 'Set All' option to pass same values to the selected files which were set for the main file.
Once all the parameters are set Press 'Check Parameters' button to review the basic parameters.
Press 'Validate' button to validate the log data of the file.
Press 'Load' button to load the Log data file(s) into the EPINET system.
To confirm successful loading and QC of log, launch EPINET Data Viewer module and view log curves of the well whose data has been loaded as shown below.
Select the curves loaded and press 'Click to view Curve' to view the curves to check the quality of data.
EPINET LAS Viewer confirms loading of validated log data.

2D Seismic Data Loader

*This Module is aimed for the users to enable them to e*dit 2D/3D Seismic Data, Load Seismic data, Navigation data and after QC of

files keep them for repository in EPINET

- Step1: Editing of Seismic segy files
- Step2: QC of SegY and navigation files.
- Step3: Loading of seismic data at EPINET

You can open Seismic loader by logging on to the fileserver:
Data loader launch by
1.clicking MobaXterm
2.Double click on 10.205.10.191
3.Write command ./launch_loader_new.csh

Or you can open Seismic loader from windows through the portal by following the steps listed below:
Login data loader window ,click on 'data loader' pop-up or log in to data loader open.Enter Username,Password and region name as EPINET data Grid window will open.

By clicking on 'seismic' a number of options will open
1.click on seismic data loader
2.click on keep
3.click on launch

3D Seismic Data Loader

This Module is aimed for the users to enable them to:

- Edit 3D Seismic data after QC
- Load the Seismic data for repository in EPINET
- View the navigation and all segy files at EPINET

After opening Seismic Loader, click on ***Files***

Document Loader

There are 2 document loaders.

- Web-based (For small files)
- Java-based (For large files)

The web based loader is for files up to 4 MB. For larger files, the Java based loader can be used (Minimum Java version 7 required)

Document Loader - Web Based

In DataLoader,

Open ***Document Summary*** under ***Document***

A new search functionality is also added so that you may directly search for a form
(Press Ctrl + F5 to clear and reload if not displaying properly).In loader form, Choose
Load Documents

In next page, first choose files to upload

And click on **Upload Files**

NOW, FILES ARE UPLOADED TO THE LOCATION SPECIFIED IN THE BASIC.JSON FILE
This happens in two stages (code is in epinet/loaderDocument.aspx):

1. File is loaded to EPINETPortal/uploads folder in webserver
2. Using PSCP, file is copied to target location on server
3. Now, comes the linking (File Association)

Click on each file to enter details

The file can be associated with a well or lease block or 2d or 3d
Multiple selection is possible,Click on save after updating,Repeat the process for each file in queue (2 files in this case)
Finally, Click on **Save all files**

Other Loaders

Loading Polygon Data

Polygon data loading is applicable for 2 forms: ***Lease Data*** and ***Custom Polygon***.

Loading polygon (for lease or custom polygon) involves 2 steps:

1. Creating header
2. Adding points

1. Creating Header

Open Lease Header or Polygon Data to enter details header

2. Adding points

Select the ID corresponding to the Header entry and start adding points

IMPORTANT: Points must be added in clockwise order

Once saved, the shape is automatically created in Database

The polygon can be viewed in Map or separate viewer

The orange icons in the form show the options

Deviation Data Loader

Add New Survey Header

Now, select the Survey and Click on "**Add Survey Points**"

Deviation Data Loader opens. Data can be copy-pasted from excel into the grid
Then, Click on "Load Raw Data" to load raw data into Database

Remote Sensing Data Loader

Accessing the Loader

Accessible at *EPINETPortal* under **Data Loader**

Open **Remote Sensing Data**

Adding new data

Click Upload Icon to enter metadata

Click **Save** after entering metadata

The fields are checked and errors if any are displayed.
If everything is correct, **Confirm** icon appears. Click to complete the data entry

The page reloads to show new entry

Loading shape files

After loading metadata, click **Attach Related Data** to attach shape files
Click on **Open File Loader** and choose files to upload and click **Upload** in next screen
Once complete, list of uploaded files are displayed Loadingisnotyet fully complete
Click Continue to complete loading

Click the link in the end to return to list of files

Select an item in list and click **Preview** to see the loaded shape file

Location Map - EPIMAPS

EPIMAPS is a java based application that can be used to draw shapes of data objects like wells, lines, leases, etc. from EPINET Database on a map which can later be used to generate plots as per scale. Although there are a lot of map-based applications (ArcGIS, etc.) available in the industry, it is cumbersome to import our customized data objects to view-based maps. EPIMAPS employs a layer-based, project centric approach focussing mainly on reusability (minor tweaks in older maps to generate newer ones by using data list), flexibility (import/export map - .pdf/.png) and customizations (custom-built maps depending on user) while maintaining data integrity (data is always fetched on-the-fly from database for display)

Site Requirements

As EPINET caters to users from both ends of upstream sector (exploration as well as production), EPIMAPS has been developed using java and can be launched from both UNIX (workstation based systems) and WINDOWS systems. The application can be launched from any desktop which supports java 1.6 or above. Please make sure that adequate plot application like PDF Creator, PDF Complete, etc. are installed to generate plots in PDF.

Also, launching of EPIMAPS does not require any additional role to be assigned, if you have access to view data in Dataviewer; you are automatically granted role to create maps using EPIMAPS

Installation

Required java programs are hosted in regional EPINET portal. It is advised to always use JNLP link to launch latest version from the portal directly.

Usage

a) Launching the application

1. Click on EPIMAPS icon
2. “Keep” the .jnlp file
3. Click on launch.jnlp
4. Ignore warnings & Click on run
5. Click on login button and enter credentials
6. Create a new Project
7. Only after addition of a project, we can add different layers like wells, lines, 3D surveys or polygons. Below gives you a walkthrough of the EPIMAPS.

b) Setting frame for map

1. Right click on Project and click on Define Frame Boundary

which opens a dialog box

1. *The "Lower-left" and "Upper-right" rows specify the latitude and longitude values of diagonal corners of the Map to be plotted. By default, they are set to display the entire map of India; user must set them according to their need.*

2. *A proper Coordinate Reference System (CRS) need to be chosen to plot the map. If user need to examine the parameters used by the Spheroid and Projection*

System used in the CRS, they can do the same by clicking the information button "i".

3. *After specifying proper lat-long values and selecting a proper CRS, click on Set Frame to display on Map View Area of EPIMAPS.*

Note: EPINET Site - DB Admins should take care that appropriate CRS values are available in Database as per user requirement.

b) *Adding grid / graticule to Map*

1. *Click on **Add Grid** icon from map tool bar to show grid-lines / --------- graticule (+) on map.*
2. *Choose an appropriate Unit – Degree/Minute/Second.*
3. *Specify interval in which grid need to occur on map.*
4. *Click ok to display the grid on map view. To change the grid, repeat the procedure.*

c) *Adding objects / layers to Map*

1. *Choose an icon from map tool bar or Right click on project in project view and click on **Insert >** to add objects like wells, 2D lines, 3D surveys and leases*
2. *Customized polygons, points and lines can also be added to by selecting the following icon. The procedure for the same will be*  *discussed in detail in the next section.*

3. *In the dialog box that appears in EPIMAPS, specify the following:*
   Layer name in "Save selection as" text field
   Object Type in "Select object"
   CRS and
   Color of layer using "Choose color" button

4. The objects can be filtered using following four methods:

a. Select based on database search list: Here, the user need to choose his/her already saved data list from EPINET.

- Click on "Load from List" after selecting a data list
- A dialog box with values from the selected list is shown
- Choose required list and click on save selection

b. **Select based on polygon:** If a customized polygon is already defined in the map, select the polygon and click on “Give Values” to get a list of objects that fall within the polygon.

c. **Select based on attributes:** Every object is identified by different attributes. For eg. Wells can be categorized on basis of name, field they belong to, their current status, etc. Hence each object has different attributes, and through EPIMAPS; you
can filter data objects based on these attributes. After selecting a particular attribute, click on “Give Values”. The figure shown alongside shows selection of leases of NELP category.

d. **Select based on query:** In this selection, user can build customized queries as per requirement. If user does not know values in EPINET, click on attribute and then “Get Unique Values” and build a query in the query window. A little knowledge of ORACLE-SQL will assist user in better query-building.

5. After selection of objects, click on “Display on
Map” button to show the objects in Map View. A prompt to save this layer as data list will appear. This data list can be reused in Data viewer DTM module and Report & Charts module. After providing choice of data list saving, another dialog box informs about number of actual objects to be displayed on map view. Click OK. The layer will appear in project view under project name and those
objects will be shown in Map view. Each object in a layer can be formatted by using the “Format <object>” option.

d) Add custom shapes to Map

1. Click on this icon from map toolbar
OR
Right Click on Project and click on “Custom Polygon…”
2. In the dialog box, choose the shape – POLYGON / POINT / LINE.

3. In the Custom Shape window, give a suitable polygon name which will be also the layer name (reflected in layer view). Select appropriate CRS, Input Type (whether coordinates are in order of Lat-Lon / Lon-Lat / X-Y / Y-X) and Format (Degree Decimal / Deg Min Sec / Meters)

4. You can draw the shape directly on map view, the coordinates are automatically populated in the shape window.

5. Otherwise if coordinates of shape is available, the same can be copied and pasted to the Vertices table in Custom Shape window. The Column Values must be tab – delimited to
enable direct copy-paste of values from excel/notepad to Vertices Table. A sample format is given below:
For E.g.: Select “Input Type” as Latitude-Longitude and “Format” is “Deg Min Sec”, then content that can be copied and pasted should be in following format. Click on “Add Row” button and click on first column and paste the text. Now click on Draw – the shape will appear on Map, if found OK, click OK to draw the shape on Map.
6. After the shape is drawn in Map view, the layer name appears in project view. User can modify or insert further layers of Wells, Lines, surveys and leases inside the shape.

e) Selecting objects from map-view and tree-view

1. User can select and highlight objects in map for further detailed study. On clicking of any object in project view, the same will be highlighted in Map view.

2. If you need to identify certain object from Map view, you have to enter to Select Mode, where

cursor type changes to the crosshair cursor (┼). To enter into Select Mode, click on following icon in Map
View.

f) Other map functions

1. Common map functions like zoom in, zoom out, back to normal state, pan, etc, has been added to map toolbar
2. Also file operations such as create new, open old project and deletion of layer has been added to file toolbar

g) Plotting map

1. User can plot the map to PDF / Plotter / Printer using the print icon.
2. On clicking the print icon, a window to set various features of map like thickness of coast, symbol-size of wells, color of label, symbols, etc. and other such features.
3. Specify the name by which you want save these parameters in the “Title” text box.
4. Provide an appropriate scale in the 1 : Box, estimated height and width of the plot is shown in inches. The actual height and width may vary as extra header and footer is added during actual plot, so user must consider while setting the scale.

   After everything has been selected and set according to user requirement, click on SAVE and then click on Plot. The Print Dialog Window will open, choose a printer/ plotter / pdf – generator application to plot the map

GTO Generation

1. EPINET Home Page
2. Login
3. Default page
4. New Well Creation for GTO,Click on button “New Well”, then type name of the well and click on “Add” button.
5. Well header after new well creation
6. Well Header
7. Well header (continued)
8. Geological & Geophysical data

Click on button “Geol. & Geoph. Data”

9. Sample Geology & Geophysical data loading (Prognosed Age)

Select “Prognosed Age” from drop down list under “Geol. & Geoph. Data”

10. Sample Geology and Geophysical data loading (Prognosed Lithology),Select “Prognosed Lithology” from drop down list under “Geol. & Geoph. Data”
11. Mud Parameters data,Click on button “Mud Parameters Data”
12. Drilling Data,Click on button “Drilling Data”
13. Deviation Data loading

Click on button “Deviation Data”

14. Deviation Data processing,Click on button “save” under “Deviation Data”
15. General Remarks,Click on button “General Remarks”

16. Images upload

Click on button “Images. Data”. Then “Choose File”, select image and “Upload file”

17. Generate GTO

Click on button “Generate GTO”. Select Depth Tick and Depth Annotation Interval. Click on button “GTO”.

18. Generated GTO

19. Freeze GTO

After GTO data loading is complete, click on button “Freeze GTO” to freeze data loading/updating.

20. Modify/ Extend GTO

Click on button “Modified GTO/ Extended GTO” to modify or extend an existing GTO. These buttons are visible only when the original GTO data loading is freezed.

21. Data Copy

When data of one old well is to be used for creation of a new well then use option “Data Copy”. In this case “New Well” option is not required to be used for new well creation. “Data Copy” will create the new well as well as copy all the data (except deviation data, images & signatures) of old well to new well.

e- Core Library

Description

- e-Core Library Portal is an application to search and retrieve the location of sub-surface samples in the Core Libraries of Assets, Basins and Institutes, pan-ONGC.
- It is a web based application.
- The sub-surface samples' data are Core, SWC and Cuttings Data.
- The application can also be used to know the multiple locations of the cores of the same well in different core houses.
- The core indenting process is also mapped in this portal.
- The portal has been linked to EPINET Data Viewer.

EPINET Home Page

A user can have three privileges: Librarian privileges, Indenter privileges and Administrator privileges Right now the scree is logged in as Indentor.
If you login as Librarian, you'll be able to see only the core houses of his concerned region. The core repository information of the Institutes like KDMIPE, IRS, etc. will be available to all irrespective of the region of the librarian.

e-Core Library Home Page

In the site synopsis menu, a user can see the SOP and summary details of the RGLs and core houses of all the regions.
Search options are available against each column for ease of access. That is, we have the privilege of searching by well name, release name, block name, field name or state

Well Name = Release Name

To see the location of the core in the core library
The menu lists various regions Eastern Region, Northern Region, Mumbai Region, Western Region, Southern Region, Institutes, etc.

Details of the well whose cores are available in the core house is listed in the Well Details page
After clicking the submit button, the user will see list of new requests in the table By default, the request status is New Request and the core is Non-Returnable

Utilities

EPINET Portal has online and offline utilities. Online utilities can be used on the Portal directly without having to download or install anything (e.g. Shape file viewer, CRS conversion, etc.). Offline utilities can be downloaded and copied to workstations for file-based operations (e.g. Change CRS for multiple SEGY files, Edit SEGY headers, etc.)
Below is a gist of some utilities

General Utilities
Multi Point CRS Conversion Utility
Direction Survey Calculator
ESRI Shape File Parser and Viewer
ESRI Shape File Generator online
Log Utilities
LAS Viewer
Seismic Utilities

1. SEGY Header Validation Tool

2. Display Trace View EBCDIC Header

3. View Binary Header

4. SEGY Viewer

5. SEGY CRS Converter

6. Seismic Utility – 3D Seismic Data XY <-> In-line X-line Converter

HelpDesk

Home Screen after Login

Help Desk - Features

- IPMSG Based Alerts
- Direct Login and Integrated Login
- Search Feature for old problems

Helpdesk Escalation Matrix

Workflow

Full Message – Detailed view

Post New Issue

Add Comment

Full Message Detail –With Options for User to Accept or Reject Solution Provided

Filter / Search Past Posts based on Key Elements:

Search Past Posts based on some Text
IPMSG Based Alert

IP address needs to be specified in Profile Section by User