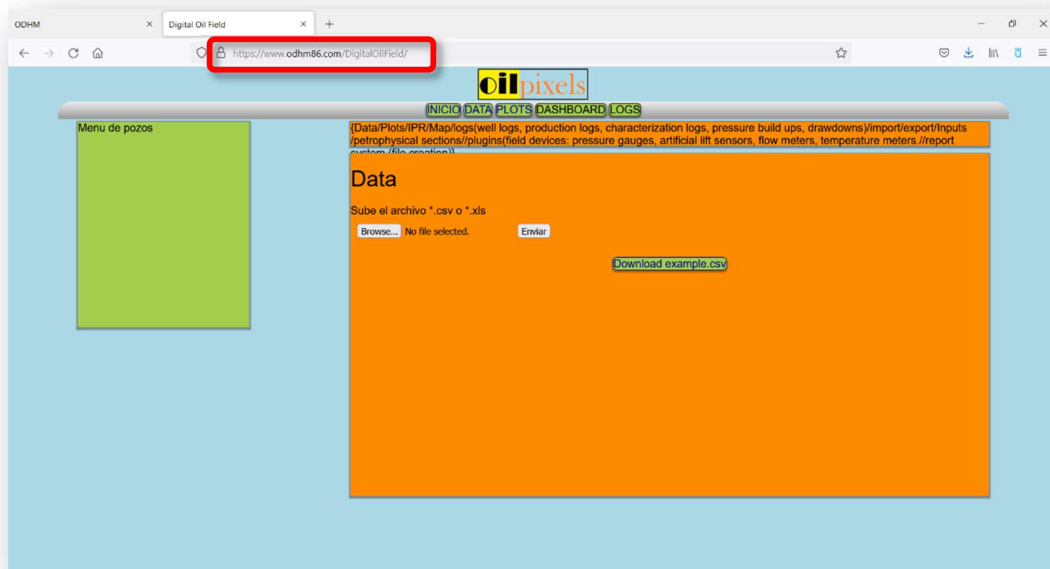




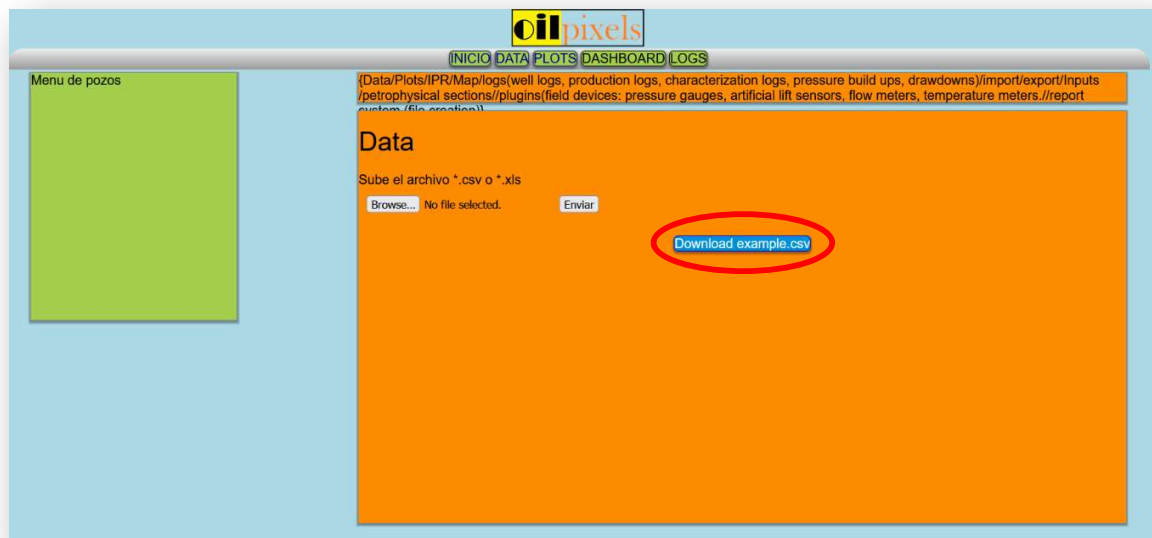
TUTORIAL

This tutorial, explains how to use the first basic version of Oil Pixels cloud app prototype.

1. Set the URL of Oil Pixels at the browser tool bar:
<https://www.odhm86.com/DigitalOilField/>

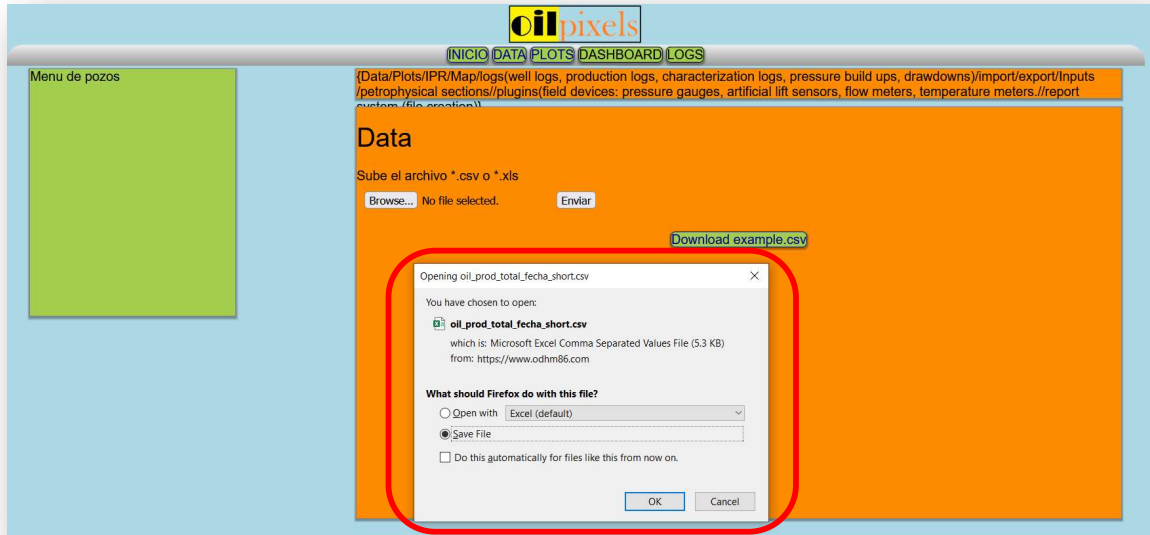


2. Click on "Download example .csvs":

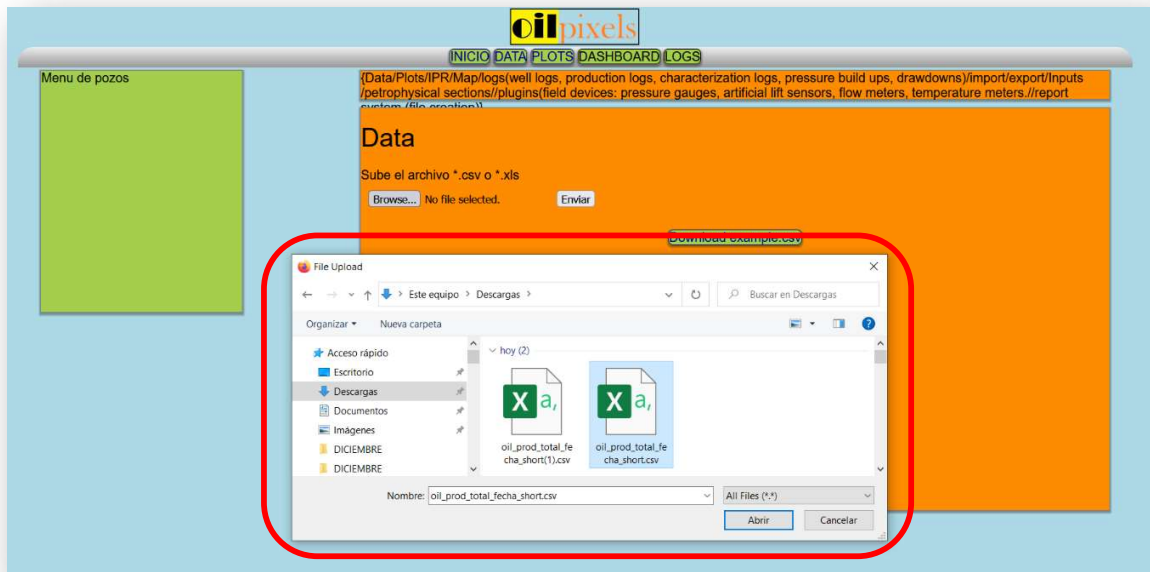




3. Save the example “oil_prod_fecha_short.csv” which is a oil production data set from total oil production at Mexico since 1930 to 2020, as reported at CNIH:

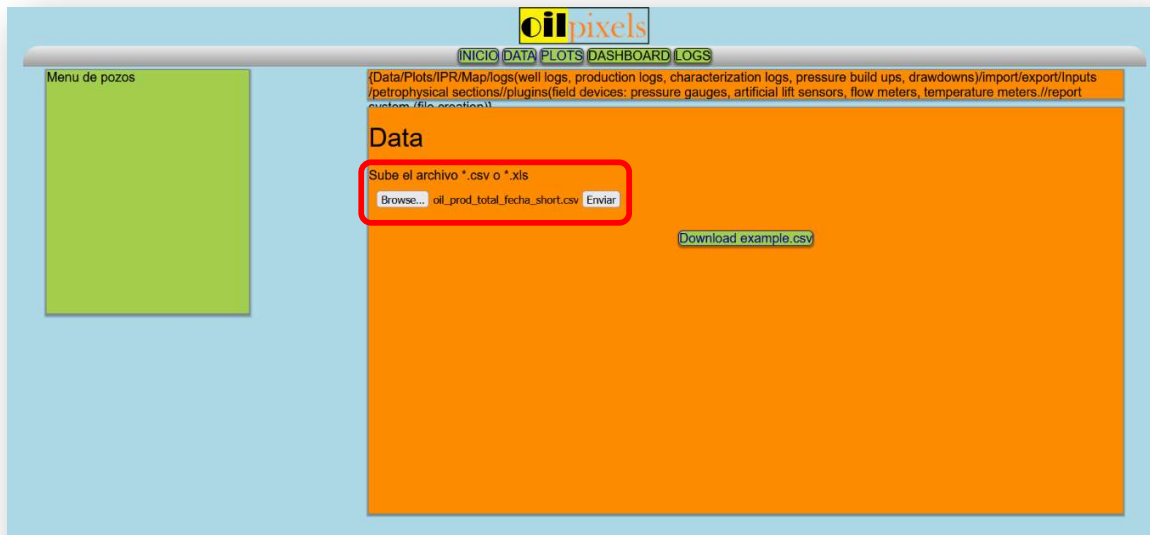


4. Set the name of the file at downloads path:





5. Then click on browse button and choose the file just downloaded, and then click “Send”:



6. The cloud app displays the name file and file size, then click “Ok” button:





7. The app loads the data set from the *.csv file and converts it into a table with its headers:

oilpixels

INICIO DATA PLOTS DASHBOARD LOGS

Menu de pozos

(Data/Plots/IPR/Map/logs(well logs, production logs, characterization logs, pressure build ups, drawdowns)/import/export/Inputs/physical sections/plugins(field devices, pressure gauges, artificial lift sensors, flow meters, temperature meters./report/custom./file.operation/)

Data

Sube el archivo *.csv o *.xls

Browse... No file selected. Enviar

Download example.csv

Nombre de archivo:oil_prod_total_fecha_short.csv
Resultado:No hubo error
Flag:1

Fecha	Petróleo_(Mbd)	Agua_(Mbd)	Condensado_(Mbd)
01-01-1931	0.020694999999999998	0.0	0.0
01-01-1932	0.046463	0.0	0.0
01-01-1933	1.2711489999999999	0.0	0.0
01-01-1934	3.9877330000000004	0.0	0.0
01-01-1935	11.761926	0.03429	0.0
01-01-1936	22.982116999999995	0.061072	0.0
01-01-1937	37.786075000000004	0.084812	0.0
01-01-1938	29.34354	0.07709999999999999	0.0
01-01-1939	31.124365	0.064317	0.0
01-01-1940	40.30301	0.09455000000000001	0.0

8. Scroll down the browser until reaching the bottom of the table, and click the “Plot” button:

oilpixels

INICIO DATA PLOTS DASHBOARD LOGS

Menu de pozos

(Data/Plots/IPR/Map/logs(well logs, production logs, characterization logs, pressure build ups, drawdowns)/import/export/Inputs/physical sections/plugins(field devices, pressure gauges, artificial lift sensors, flow meters, temperature meters./report/custom./file.operation/)

Data

Sube el archivo *.csv o *.xls

Browse... No file selected. Enviar

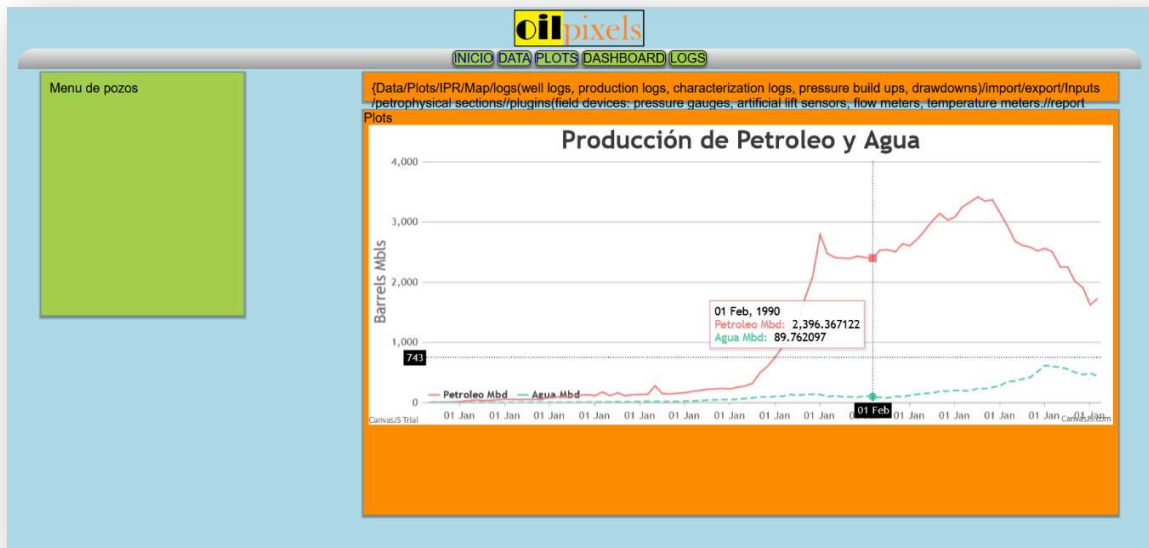
Download example.csv

Nombre de archivo:oil_prod_total_fecha_short.csv
Resultado:No hubo error
Flag:1

01-01-2001	3085.060968000002	197.26576299999974	5.115886
01-01-2002	3250.4570809999977	193.62652200000002	7.131275999999995
01-01-2003	3327.2625739999985	191.49669799999967	8.462578
01-01-2004	3415.261801000002	231.53626899999999	9.629960999999993
01-01-2005	3345.432390000001	226.14787899999953	12.109002999999996
01-01-2006	3367.268556000001	246.79110899999992	11.752833999999972
01-01-2007	3138.4078500000064	280.93540800000005	7.989366999999991
01-01-2008	2921.8505190000014	347.92864700000115	11.670118999999998
01-01-2009	2680.2639110000096	353.3079589999993	9.834780999999996
01-01-2010	2611.620821000006	384.3433600000003	17.983104000000026
01-01-2011	2578.552252000011	415.17418	14.713780999999999
01-01-2012	2518.0665229999972	511.73641000000003	13.926660000000014
01-01-2013	2559.4880230000035	613.1061909999999	12.342920999999993
01-01-2014	2503.8168589999946	595.6165569999997	8.979472999999999
01-01-2015	2250.357308999997	584.337024000001	20.316867999999995
01-01-2016	2251.2546580545854	550.6088496327292	8.635082688537173
01-01-2017	2014.262715501608	499.1168458109201	5.187223147034653
01-01-2018	1905.291981012277	460.9489767004505	23.07801403804551
01-01-2019	1619.908762978736	480.6996103062979	21.029826837963615
01-01-2020	1724.2331086689003	437.96798205156614	36.43384624299479

Plot

9. The app converts the table into a plot of oil production qo in barrels (Mbls) vs Time (Years):



10. Set the pointer on the point of the plot where you want to obtain the specific date and production:

