

# OBO DATA GATHERING – BAKKEN & OKHLHOMA

## User Manual Automation Script

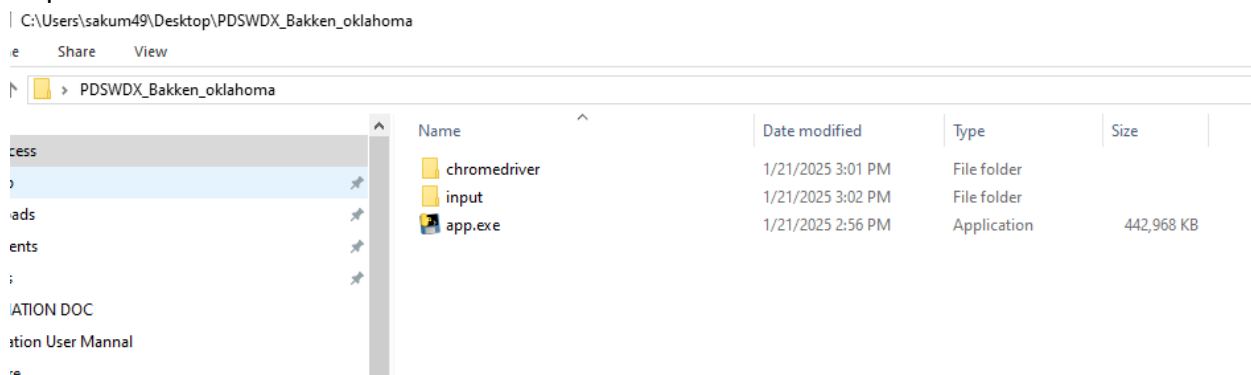
### 1. Introduction :-

This document provide step by step instructions for using the Python Selenium script that automates the OBO Data Gathering process in the PDS WELL DATA EXCHANGE System.

This is weekly Request we have to raise request on first working day of week and complete it on last working day of the week, eventually we have to send Acknowledgment and Completion mails.

### 2. Script folder structure :-

I the below image there is folder structure of Automated Script of Bundled of python file in EXE file as a Executable to run in any windows system with install any Python Dependencies.

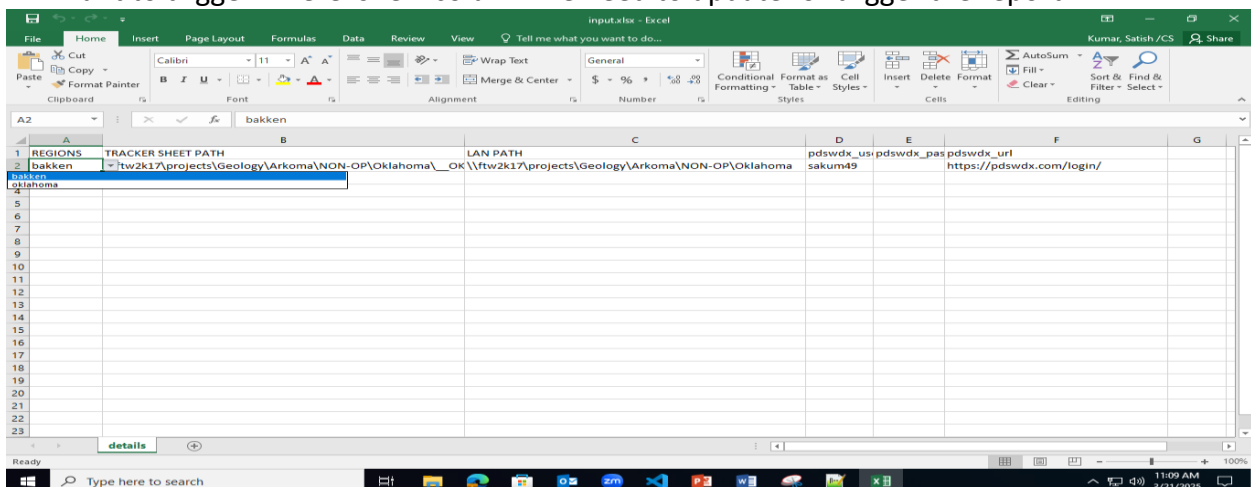


A. First you have to copy the Script folder from LAN PATH:

“K:\global\SSDM\USER\_FOLDER\Automation\PDSWDX\_Bakken\_oklahoma” in VDI or local system where you able to access the <https://www.pdswdx.com/login>

B. Once Copy the Script on Local System or VDI open the input folder and click on input.xlsx file to update the Details of LAN folder path tracker sheet path and PSDWDX login Details.

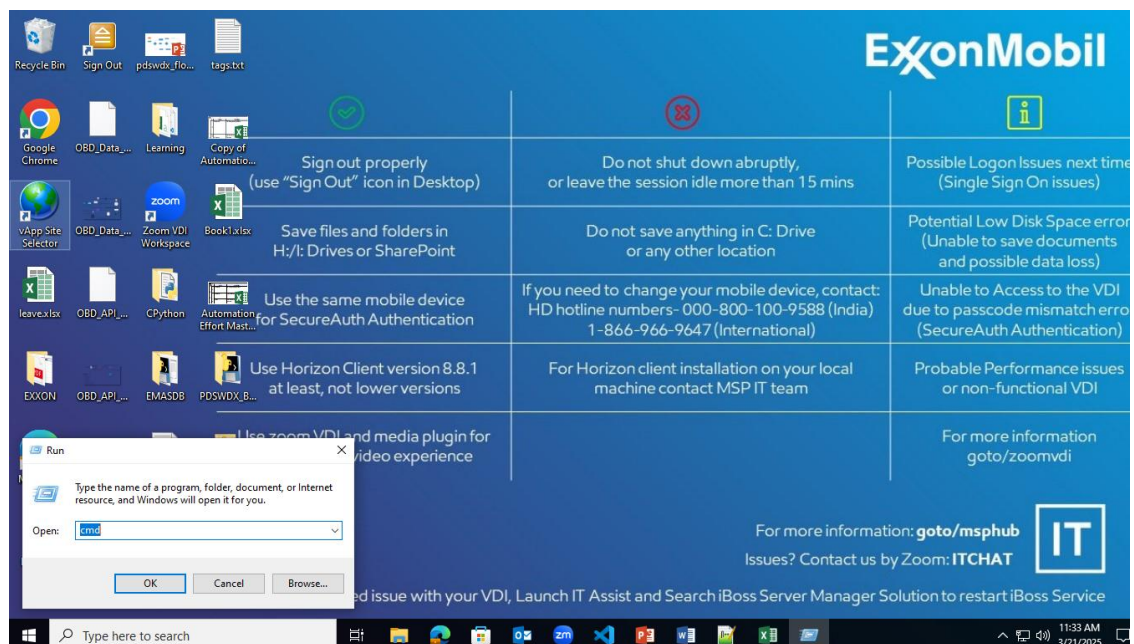
C. Once you open the input file there is dropdown list for which region Report you want to trigger. There is few column we need to update for trigger the report .



- a. **REGIONS** : This column is a drop down list there is two regions , BAKKEN & OKHLHOMA .  
If we want to complete the weekly report of Bakken than we have to select the Bakken otherwise you to complete the report of OKHLHOMA select Oklahoma.  
Based on the REGIONS you have to select the LAN PATH Column and Tracker sheet column dropdown list of path.
- b. There is PDSWDX login User name and Password Column you have to update the pdswdx\_username and pdswdx\_password save the file and close.

### 3. **Trigger the app.exe file:** For trigger app.exe file we need to open the Command Prompt.

- a. Press CTRL + R than press Enter Button to open CMD prompt.



Once open the CMD prompt track you folder path of Script.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19045.5487]
(c) Microsoft Corporation. All rights reserved.

C:\Users\sakum49>cd C:\Users\sakum49\Desktop\EXXON\PDSWDX_Bakken_oklahoma

C:\Users\sakum49\Desktop\EXXON\PDSWDX_Bakken_oklahoma>dir
Volume in drive C is OSDisk
Volume Serial Number is 1662-3908

Directory of C:\Users\sakum49\Desktop\EXXON\PDSWDX_Bakken_oklahoma

03/21/2025  10:57 AM  <DIR>          .
03/21/2025  10:57 AM  <DIR>          ..
02/18/2025  03:30 PM          453,599,630 app.exe
01/23/2025  12:31 PM          1,181 app.py
12/12/2024  01:59 PM  <DIR>          chromedriver
03/21/2025  10:30 AM  <DIR>          DOCS
03/21/2025  10:54 AM  <DIR>          input
02/28/2025  04:18 PM  <DIR>          lib
                2 File(s)      453,600,811 bytes
                6 Dir(s)      20,985,962,496 bytes free

C:\Users\sakum49\Desktop\EXXON\PDSWDX_Bakken_oklahoma>
```

- Now trigger the app.exe file of the list of dir folder.

For trigger the report first we have to decide from which date range we want to complete the report.

Example: if you want to complete the report of March Second week report to you have to select the Date Range: 3/17/2025 to 3/21/2025.

Date format should be: m/d/Y if date day or month in Single number like day = 1, to 9 than put only 3/21/2025 do not put 03/21/2025 or 3/05/2025.

- Run the Script :** put the command on cmd like : app.exe start\_date(m/d/Y) (end\_date) m/d/y)

Follow the below screenshot for command.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19045.5487]
(c) Microsoft Corporation. All rights reserved.

C:\Users\sakum49>cd C:\Users\sakum49\Desktop\EXXON\PDSDWX_Bakken_oklahoma

C:\Users\sakum49\Desktop\EXXON\PDSDWX_Bakken_oklahoma>dir
Volume in drive C is OSDisk
Volume Serial Number is 1662-3908

Directory of C:\Users\sakum49\Desktop\EXXON\PDSDWX_Bakken_oklahoma

03/21/2025 10:57 AM <DIR> .
03/21/2025 10:57 AM <DIR> ..
02/18/2025 03:30 PM 453,599,630 app.exe
01/23/2025 12:31 PM 1,181 app.py
12/12/2024 01:59 PM <DIR> chromedriver
03/21/2025 10:30 AM <DIR> DOCs
03/21/2025 10:54 AM <DIR> input
02/28/2025 04:18 PM <DIR> lib
                2 File(s)      453,600,811 bytes
                6 Dir(s)      20,985,962,496 bytes free

C:\Users\sakum49\Desktop\EXXON\PDSDWX_Bakken_oklahoma>app.exe 3/17/2025 3/21/2025
##### OBO Data Gathering #####
*****OBO Data Gathering Started Between Date Range 3/17/2025 to 3/21/2025 for Region oklahoma*****

DevTools listening on ws://127.0.0.1:65196/devtools/browser/8dabc3aa-fb2c-48a9-96a1-fd9a20655538
Created TensorFlow Lite XNNPACK delegate for CPU.
Attempting to use a delegate that only supports static-sized tensors with a graph that has dynamic-sized tensors (tensor#-1 is a dynamic-sized tensor).
Clicked On My Well Data.
Waiting for Load All Well Data.....
My Well Data Exported Successfully : C:\Users\sakum49\Desktop\EXXON\PDSDWX_Bakken_oklahoma\download\My Well Data - 03212025.csv
##### Filtered Well Data for the Date Range 3/17/2025 to 3/21/2025 and for the Completion Region oklahoma #####
#####
WellID      Well Name      API      Asset      Operator      Status      Rig Name      State      Latest File (Count)
2750  745581  BIRCH 36 25 24-15N-12W 2HXX 35011243700000 XTO-OBO-MIDCON DEVON ENERGY PRODUCTION CO LP ACTIVE NaN OKLAHOMA 2025-03-21
2751  742891  BIRCH 36 25 24-15N-12W 3HXX 35011243710000 XTO-OBO-MIDCON DEVON ENERGY PRODUCTION CO LP ACTIVE NaN OKLAHOMA 2025-03-21
2752  741774  BIRCH 36 25 24-15N-12W 4HXX 35011243720000 XTO-OBO-MIDCON DEVON ENERGY PRODUCTION CO LP ACTIVE NaN OKLAHOMA 2025-03-21
6822  817829  CLOUDWATER 0303 30 2WH 35049254830000 XTO-OBO-MIDCON 89 ENERGY ACTIVE NaN OKLAHOMA 2025-03-21
6823  817722  CLOUDWATER 0303 30 3WH 35049254840000 XTO-OBO-MIDCON 89 ENERGY ACTIVE NaN OKLAHOMA 2025-03-18
8134  760224  COYOTE HILLS 0305 20-17 1WHX 35051251630000 XTO-OBO-MIDCON WARWICK ENERGY GROUP ACTIVE NaN OKLAHOMA 2025-03-20
8135  759796  COYOTE HILLS 0305 20-17 2WHX 35051251500000 XTO-OBO-MIDCON WARWICK ENERGY GROUP ACTIVE NaN OKLAHOMA 2025-03-20
13973  817238  FORT 22-27-1H 35093253370000 XTO-OBO-MIDCON COMANCHE EXPLORATION ACTIVE NaN OKLAHOMA 2025-03-20
29563  780723  MOOREWOOD 30/19 PA 1H 35039226440000 XTO-OBO-MIDCON MEWBOURNE OIL CO. ACTIVE NaN OKLAHOMA 2025-03-21
29718  769607  MOSELEY EAST 0203-25-36 1WHX 35049254000000 XTO-OBO-MIDCON WARWICK ENERGY GROUP ACTIVE NaN OKLAHOMA 2025-03-20
```

- Once script started automatically PDSDWX website will open and do the all process to export the Well Name and search well copy the well on lan folder and update the tracker sheet.
- Once script successfully done open tracker sheet and filter based on date range and shared the completion email.

#### 8. **Contact and Support**

For technical support, contact

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