

Benchmarking & WoW Estimator

This tool is used for benchmarking against other wells and estimating waiting on weather percentages for time estimates.

Step1:

Define offset wells and choose criteria from the various dropdown menus on the "Well Selection" page.

- Here average figures used for high level time and cost estimates.

Use the "Reset fields" button in the bottom left hand corner to reset all the dropdown menus.

Step 2:

Navigate to "Well Summary & Benchmarking" to review the wells you have selected and the quality of the data.

Here you are also provided with a benchmarking summary from three scenarios.

- Meters per day.
- Meters per day excluding coring & logging.
- Meters per day excluding coring.

If any of the wells selected are not required, navigate back to the "Well selection" page and remove them.

Step 3

Navigate to the "WoW Breakdown page where you will find information for mooring and de-mooring waiting on weather historical information based on **days only**.

There is also a operational WoW breakdown per month. You can apply filters for the spud date on the "Well Summary" tab to find seasonal WoW data.

Note:

NPT information not included but will be added at a later date.

Note, it is not possible to search by coordinates but this may be added at a later date.

Note, information is not available for all the wells.

Benchmarking & WoW Estimator



Well Name

15/12

15/12-12.

15/12-13 A

15/12-13 B

15/12-13.

15/12-15.

Location

Block Number

Search

1/3

1/5

1/9

10/4.1

11/5

Field / Basin / Area

Search

Aasta Hansteen

Afrodite

Alve

Rig Type

Multiple selections

Rig

Dual Activity

All

Water Depth (m)

51

1721

Well

Total Number of Casings

All

High Temperature

All

High Pressure

All

Well Classification

All

Spud Month

Month

Search

January

February

March

April

May

June

July

August

September

October

November

December

Output

8.847K

723.220

Average of Drv Hole Cost / metre (USD)

Average of Dry Hole Cost / Day (k USD)

118.469

128.699

Average of Metres per Dry Hole Day

Average of Metres per Day Excl Core & Log

18.114

3.279

Average of NPT as % of Dry Hole Days

Average of WOW as % of Dry Hole Days

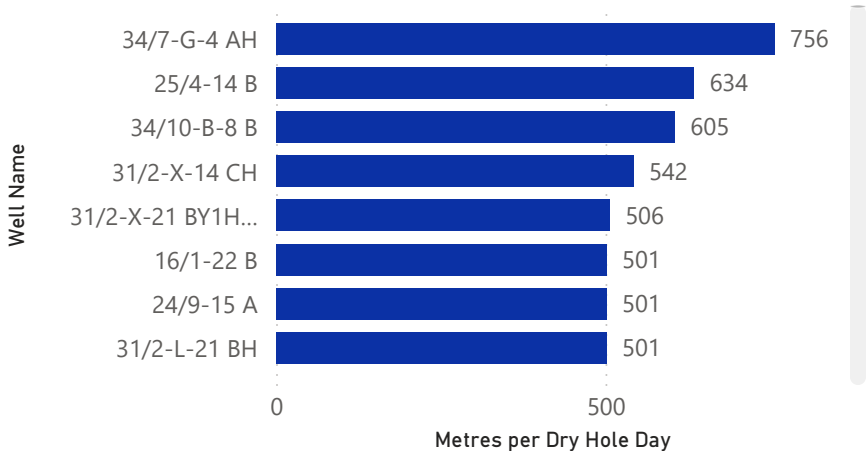
Reset Fields



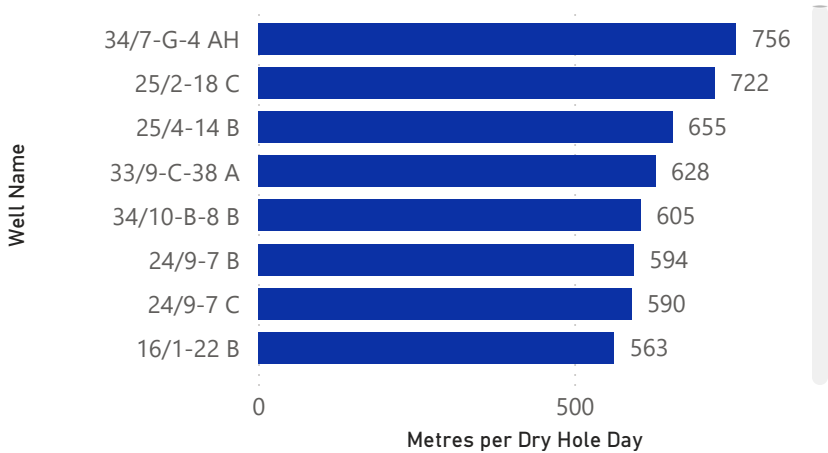
Well Summary & Benchmarking

Well Name	Block Number	Year	Well Classification	Total Number of Casings	Water Depth (m)	Rig Type	Rig Name	Dual Activity	Max Angle	High Pressure	High Temperature	Metres per Day Excl Core	Metres per Dry Hole Day	Metres per Day Excl Core
1/3-10A	1/3	2007	Appraisal	4	72	Jack-up	Maersk Guardian	No	54	No	No	46	45	
1/3-11.	1/3	2008	Exploration	3	72	Jack-up	Maersk Guardian	No	12	No	No	91	91	
1/3-11S	1/3	2008	Exploration	4	72	Jack-up	Maersk Guardian	No	20	No	No	90	71	
1/3-12 S	1/3	2009	Exploration	4	70	Jack-up	Rowan Gorilla VI	No	18	Yes	Yes	35	31	
1/3-13	1/3	2021	Exploration	3	71	Jack-up	Maersk Integrator	No	5	No	No	253	253	
1/3-A-1 H	1/3	2011	Development	4	73	Jack-up	Maersk Giant	No	90	No	No	98	98	
1/3-A-2 H	1/3	2011	Development	4	73	Jack-up	Maersk Giant	No	92	No	No	71	71	
1/3-A-3 HT2	1/3	2011	Development	4	73	Jack-up	Maersk Giant	No	90	No	No	73	73	
1/3-K-2 B	1/3	2021	Development	4	67	Jack-up over platform	Maersk Integrator	No	90	No	Yes	175	175	
1/3-K-2A	1/3	2017	Development	3	68	Jack-up	Maersk Interceptor	No	93	No	Yes	190	190	
1/3-K-3	1/3	2001	Development	3	68	Jack-up		No	35	No	Yes	104	104	
1/3-K-4 T2	1/3	2017	Development	3	68	Jack-up	Maersk Interceptor	No	60	No	Yes	157	157	
1/3-K-5 A	1/3	2007	Development	3	67	Jack-up over platform	Maersk Guardian	No	93	No	Yes	53	53	
1/3-K-6	1/3	2001	Development	3	68	Jack-up		No	90	No	Yes	80	80	
1/5-5	1/5	2016	Exploration	4	70	Jack-up	Maersk Gallant	No	4	Yes	Yes	35	35	

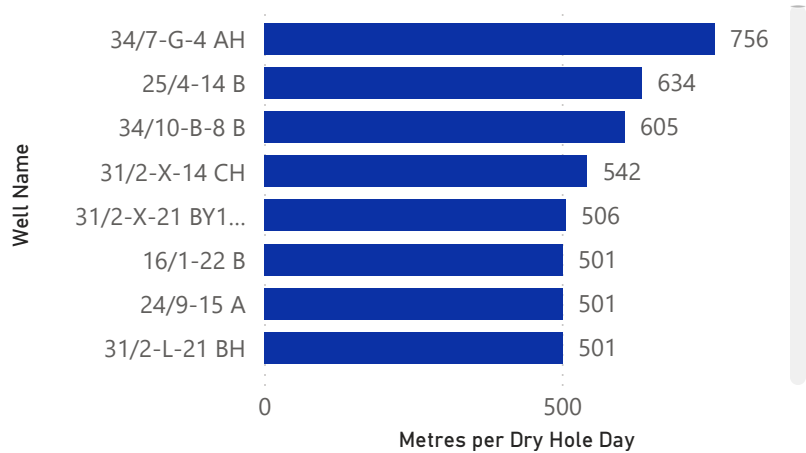
Benchmarking: Metres per Day only



Benchmarking: Metres per Day Excluding Coring & Logging



Benchmarking: Metres per Day Excluding Coring



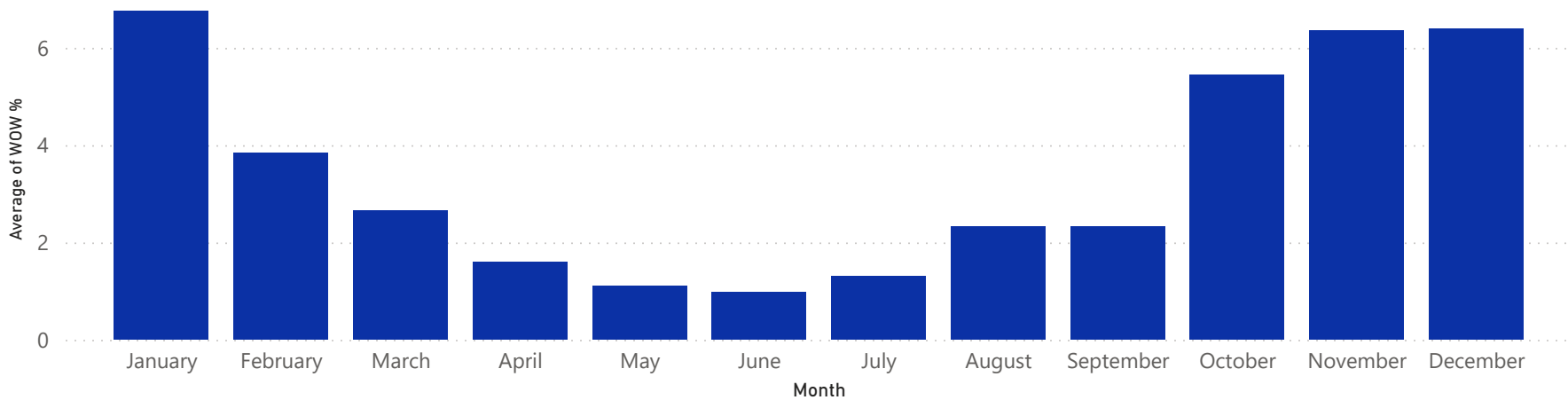


Waiting on Weather

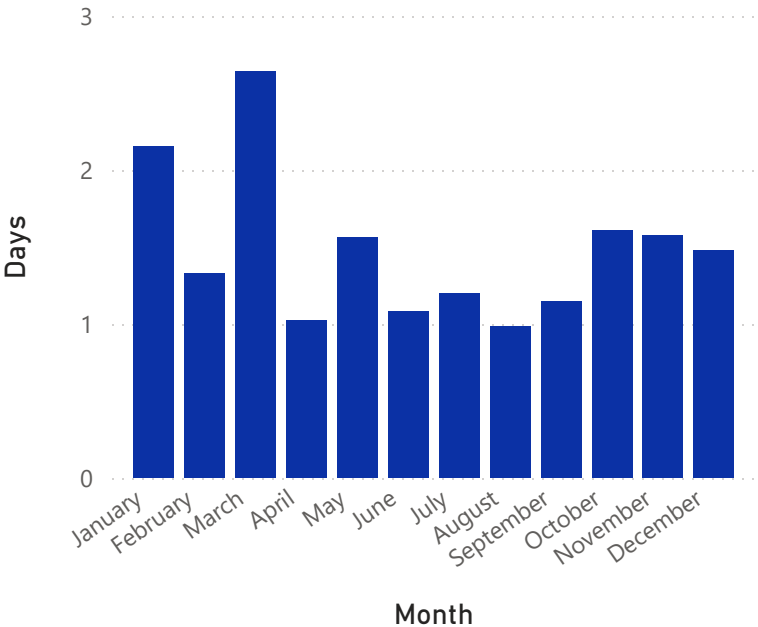


Well Name	Rig Type	Year	Month	De-Moor WOW (2000-2017)	Moor WOW (2000-2017)	WOW as % of Dry Hole Days	WOW Before De-Mooring	WOW Days / 1000m
1/3-10A	Jack-up	2007	October			5.10		1.13
1/3-11.	Jack-up	2008	May			0.30		0.03
1/3-11S	Jack-up	2008	July			6.90		0.97
1/3-12 S	Jack-up	2009	December			2.70		0.87
1/3-13	Jack-up	2021	June			0.00		0.00
1/3-A-1 H	Jack-up	2011	July			0.70		0.07
1/3-A-2 H	Jack-up	2011	June			7.20		1.01
1/3-A-3 HT2	Jack-up	2011	July			0.30		0.04
1/3-K-2 B	Jack-up over platform	2021	March			0.00		0.00
1/3-K-2A	Jack-up	2017	October			0.30		0.02
1/3-K-3	Jack-up	2001	September			5.00		0.48
1/3-K-4 T2	Jack-up	2017	October			0.00		0.00
1/3-K-5 A	Jack-up over platform	2007	March			0.00		0.00
1/3-K-6	Jack-up	2001	June			0.20		0.03
1/5-5.	Jack-up	2016	February			0.00		0.00
1/9-7T3	Jack-up	2003	March			0.00		0.00
10/4-1.	Semi-Submersible	2015	June	0.00	0.00	0.00	0.00	0.00

Average of WOW as % of Dry Hole Days by Month



Average of Moor Days (2000-2017) by Month



Average of De-Moor Days (2000-2017) by Month

