North Sea Transition Authority

Reserves and Resources

This section will appear for all fields that have not yet ceased production.
If you think there are any errors with allocation please contact stewardshipsurvey@nstauthority.co.uk

North Sea Transition Authority

UKSS 2022 Changes

No changes were made this section.

Reservoir Details

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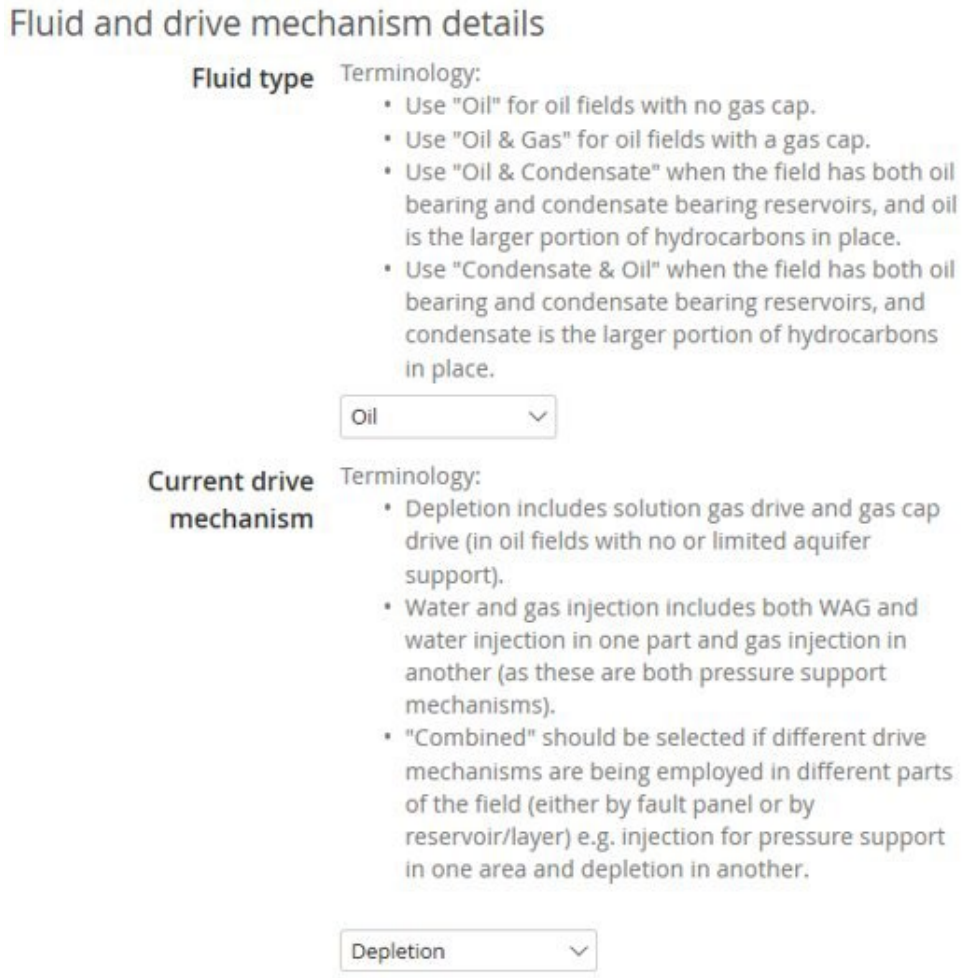
Fluid and drive mechanism

Fluid type
Use "Oil" for oil fields with no gas cap.
Use "Oil & Gas" for oil fields with a gas cap.
Use "Oil & Condensate" when the field has both oil bearing and condensate bearing reservoirs, and oil is the larger portion of hydrocarbons in place.
Use "Condensate & Oil" when the field has both oil bearing and condensate bearing reservoirs, and condensate is the larger portion of hydrocarbons in place.

Current drive mechanism
Depletion includes solution gas drive and gas cap drive (in oil fields with no or limited aquifer support).
Water and gas injection includes both WAG and water injection in one part and gas injection in another (as these are both pressure support mechanisms).
"Combined" should be selected if different drive mechanisms are being employed in different parts of the field (either by fault panel or by reservoir/layer) e.g. injection for pressure support in one area and depletion in another.

Options for *'Fluid type':* ***Oil; Dry Gas; Oil & Gas; Condensate; Oil & Condensate; Condensate & Oil***
Options for *'Current drive mechanism':* ***Depletion; Water Injection; Gas Injection; Water & Gas Injection; Aquifer Support; Combined; Other***



Reservoir Details 1

North Sea Transition Authority

Oil and gas estimates

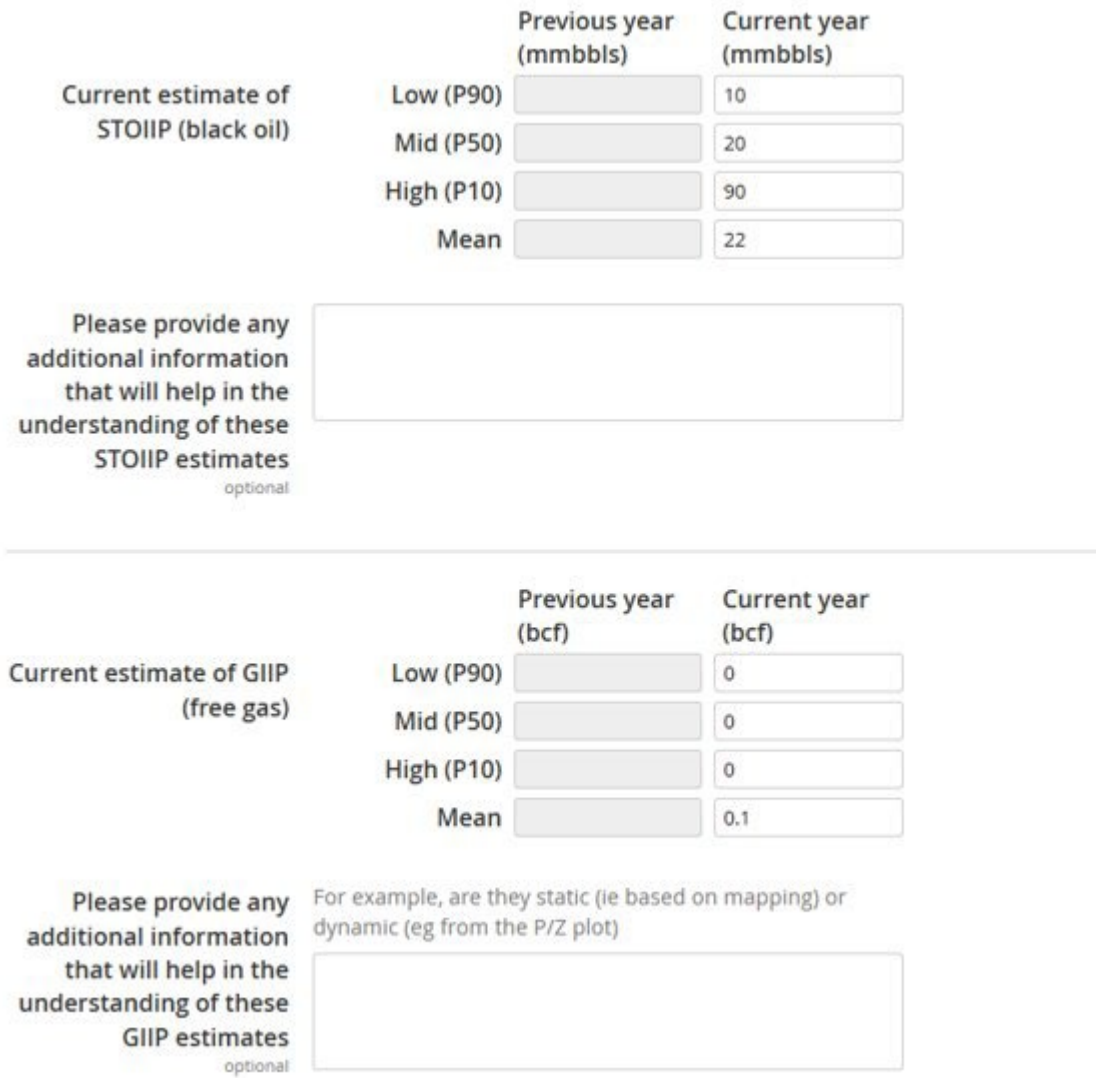
The current estimates of low, mid, high and mean in-place volumes are mandatory. Please use the most recent available values.

Fluid type will affect if GIIP/STOIIP appears. Only fields that have free gas cap should be providing GIIP figures

Fluid Type	Volumes asked
Oil	STOIIP
Dry Gas	GIIP
Oil & Gas	STOIIP & GIIP
Condensate	GIIP
Oil & Condensate	STOIIP & GIIP
Condensate & Oil	STOIIP & GIIP

Estimates.
It is now required to provide data for P90 and P10 values.

Validations
You must provide a comment if your P50 is the same as your MEAN value.



Reserves

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Previous Year, Current Year

Discovered, remaining reserves that are recoverable and commercial. Can be classed as 1P, 2P or 3P depending on confidence level. Unsanctioned Discovery Volumes aren't being captured in the 2022 survey.

Reserves confidence levels

1P Reserves that on the available evidence, are virtually certain to be technically and commercially producible, i.e. have a better than 90% change of being produced.

2P Reserves that are not yet regarded as 1P, but which are estimated to have a better than 50% chance of being technically and commercially producible.

3P Reserves that at present cannot be regarded as 2P, but which are estimated to have a significant – more than 10% but less than 50% - chance of being technically and commercially producible.

Activity Section Cross Check Validation

Data from the Activity section of the survey and Reserves & resources section should be consistent. To help achieve this, the Estimate 2P values are cross checked against the Base activity of the most recently submitted version of the Activity section.

Where the Base activity has no non-zero Sales Volume data for a category there should be no non-zero data entered in the Reserves & resources section submission.

The Estimate 2P is compared to the sales volume profile from 2023 to (Likely COP year)

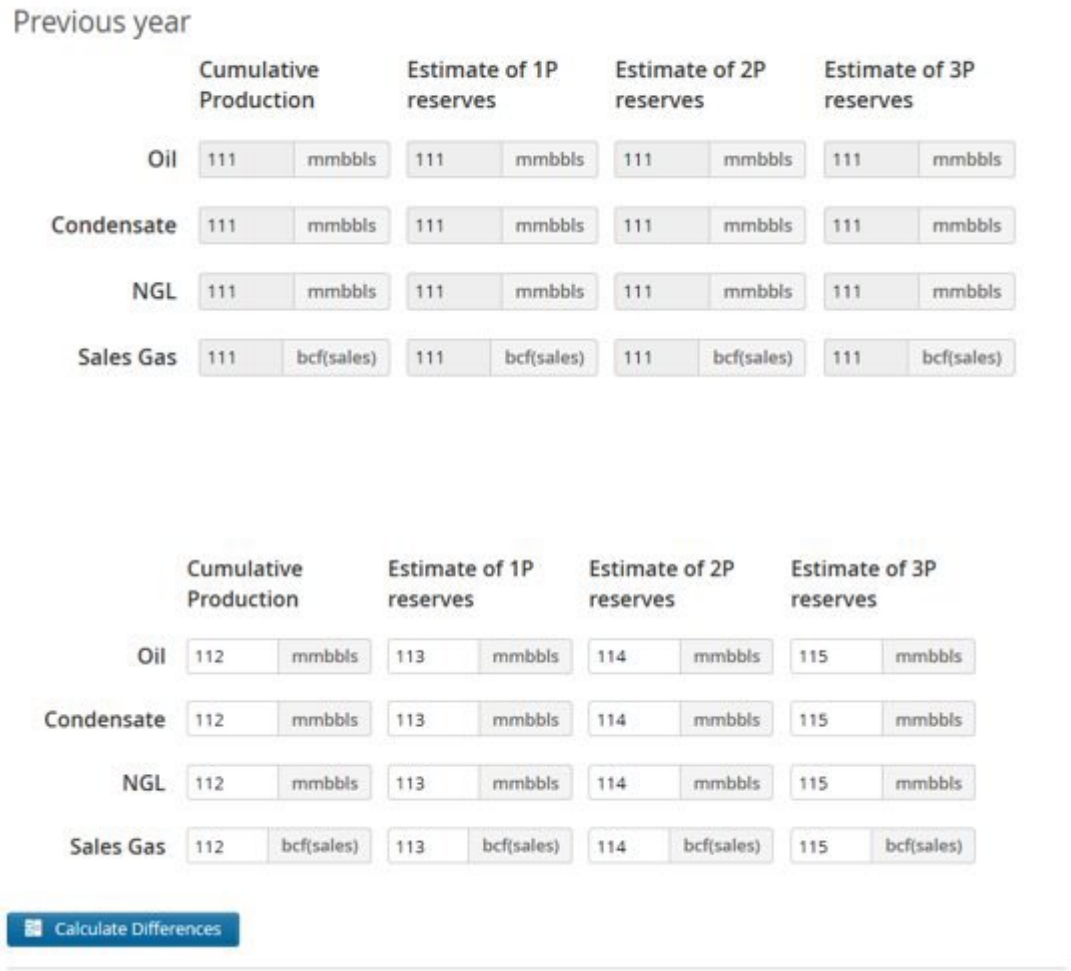
Validation Dependence

Validation for this section is dependent on submission of the Activity section for the same reporting unit

You cannot submit until the dependent section has been submitted.

Please note that previous years data will not be shown if the Asset has changed ownership since the last survey.

Please ensure you provide *Cumulative Production not yearly production*



Reserves 1

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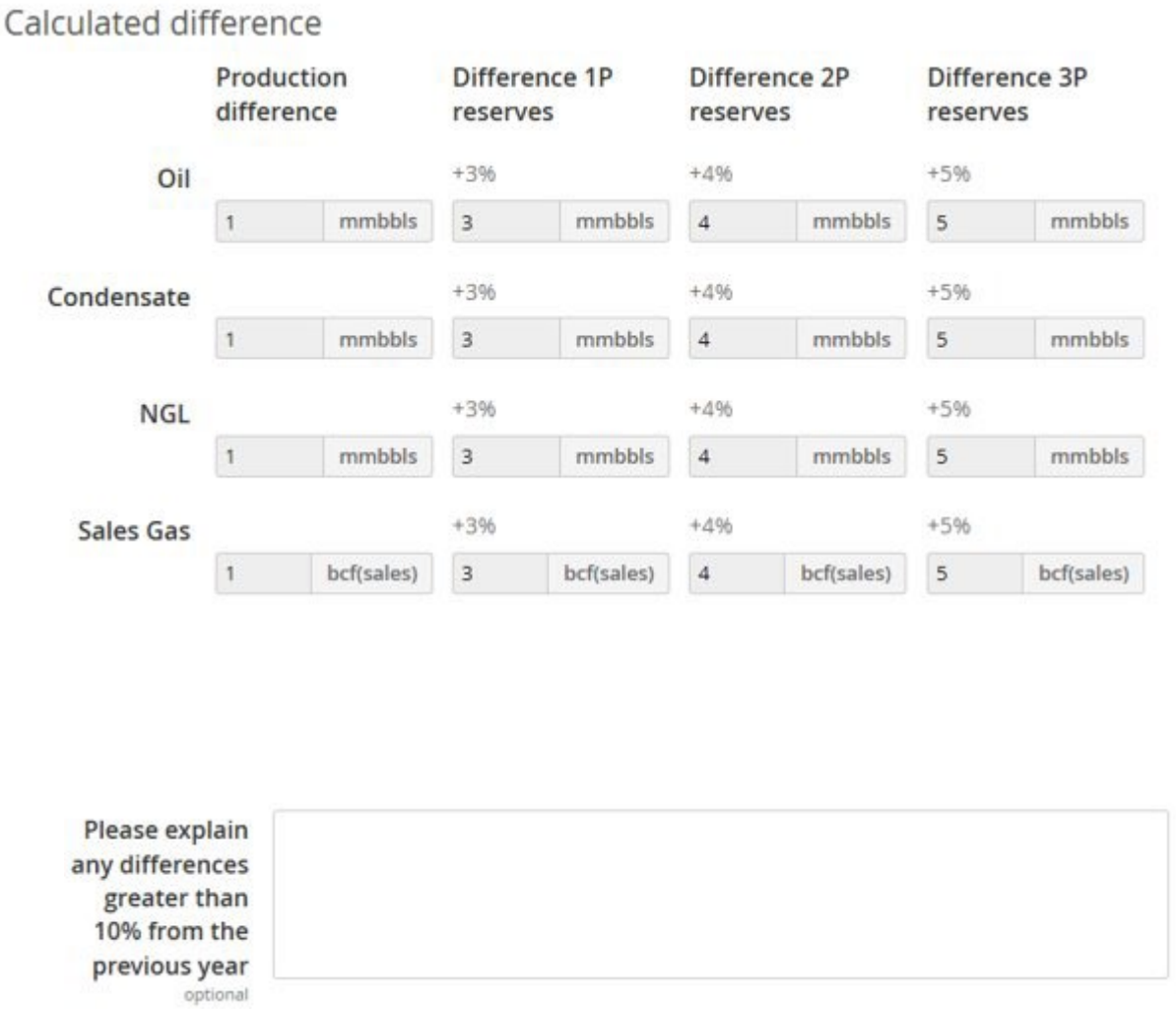
Calculated difference

Please provide some context for changes + or - 10% of previous year.
Oil, Condensate and NGL estimates
Small changes of less 0.1 mmbbls that result in a + or - 10% do not require explanation.
Large changes of more than 5 mmbbls always require explanation.
Sales Gas estimates
Small changes of less 0.5 bcf that result in a + or - 10% do not require explanation.
Large changes of more than 25 bcf always require explanation.



Reserves 2

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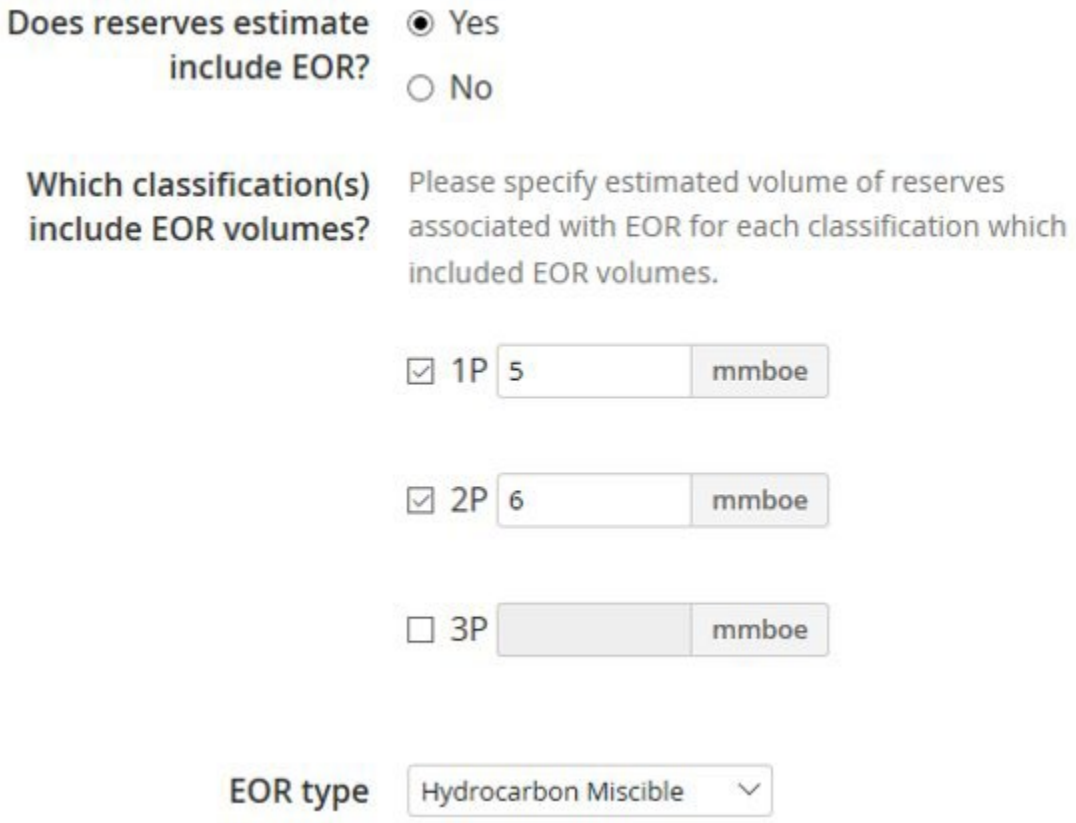
EOR

If you selected Yes to *'Does reserves estimate include EOR?'* then you must answer additional questions.

Tick the relevant classification and enter the volumes of EOR.

Options for *'EOR type'*: ***Hydrocarbon Miscible; Nitrogen and Flue Gas; CO2 Miscible; Surfactant/polymer; Polymer; Alkaline; Bright Water ('strong gel'); Low Salinity; CDG/LPS ('weak gel'); Other***



Contingent Resources

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Current Year

Contingent resources are those quantities of petroleum estimated to be potentially recoverable from known accumulations, but the applied project(s) are not yet considered mature enough for commercial development. Includes future planned developments where development plans are under discussion that have not been approved, and incremental projects in producing fields.

Resource confidence levels

1C Resource volumes that on the available evidence, are virtually certain to be technically producible, i.e. have a better than 90% chance of being producible

2C Resource volumes that are not yet 1C, but which are estimated to have a better than 50% chance of being technically producible

3C Resource volumes that at present cannot be regarded as 2C, but which are estimated to have a significant - more than 10% but less than 50% - chance of being technically producible

Validation Dependence

Validation for this section is dependent on submission of the Activity section for the same reporting unit

You cannot submit until the dependent section has been submitted.

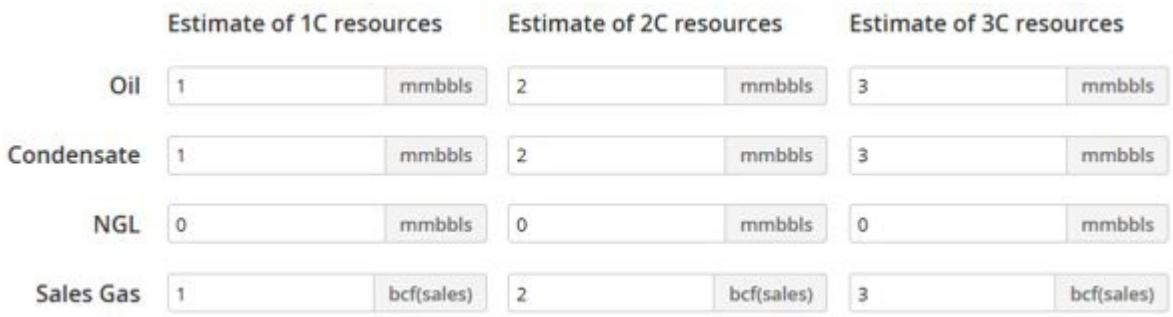
Activity Section Cross Check Validation

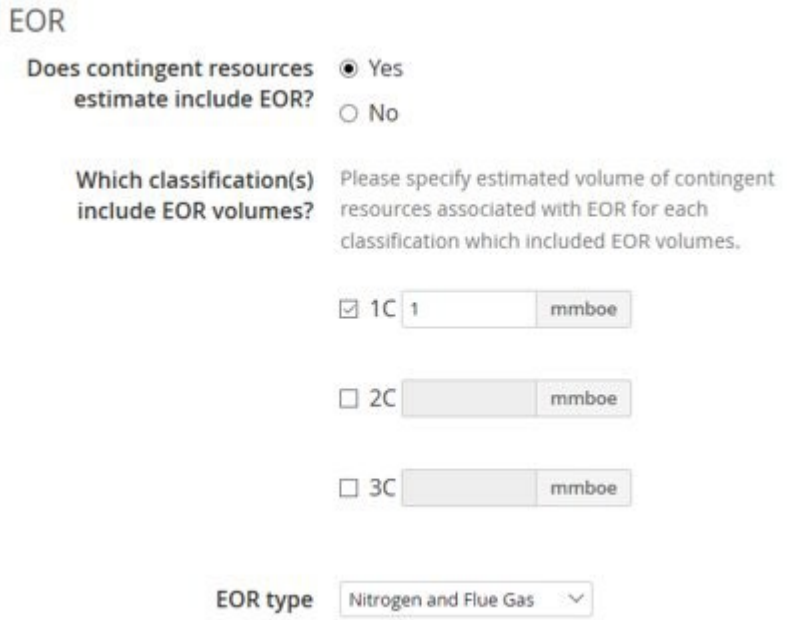
Data from the Activity section of the survey and Reserves & resources section should be consistent. To help achieve this, the Estimate 2C values are cross checked against the Base activity of the most recently submitted version of the Activity section.

Where the Base activity has no non-zero Sales Volume data for a category there should be no non-zero data entered in the Reserves & resources section submission.

The Estimate 2C is compared to the sales volume profile from 2023 to (Likely COP year)

If you selected Yes to *'Does reserves estimate include EOR?'* then you must answer additional questions.





General Comments

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General Comments

Please use this area to provide us with any information you think is important, or clarifies any data entered in the rest of the section.

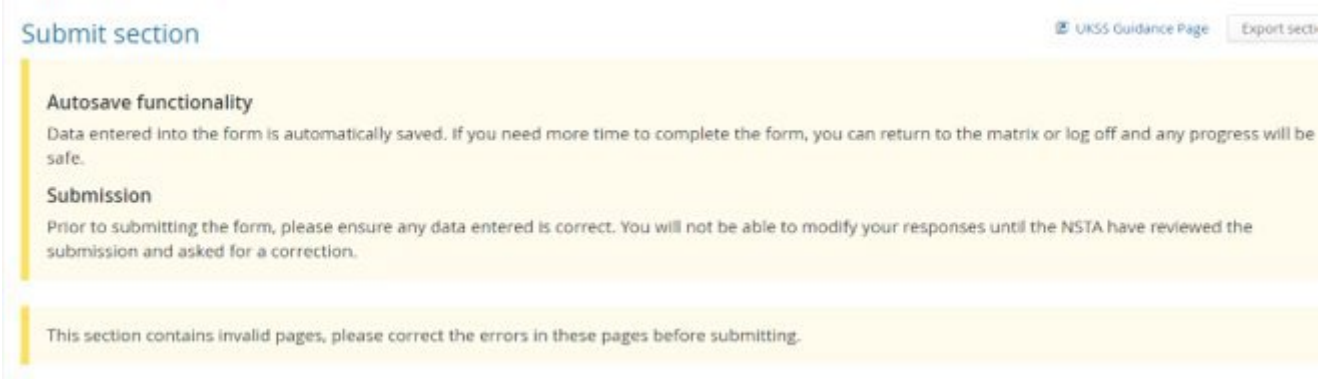
Submit Section

Submit Section

Autosave functionality
Data entered into the form is automatically saved. If you need more time to complete the form, you can return to the matrix or log off and any progress will be safe.
Submission
Prior to submitting the form, please ensure any data entered is correct. You will not be able to modify your responses until the NSTA have reviewed the submission and asked for a correction.

The link '*UKSS Guidance Page*' will take you to the NSTA webpage where all the guidance notes can be found

The section can be exported either via spreadsheet or PDF at any time during the survey live period.



Checklist

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Below are the some of the detailed QC steps that each section will go through. If you think your data will not pass these checks, please add as much information in the general comments section as possible to help us understand why.

- check fluid type and depletion mechanism match our understanding of the FDP
- check any changes to STOIIP and GIIP are credible and explanations for changes over 10% are understandable
- check any changes to reserves and cumulative production are credible and explanations for changes over 10% are understandable
- check EOR reserves/resources numbers are provided where expected
- check any changes to Contingent Resources are credible and explanations for changes over 10% are understandable
- check median line fields are reporting UK Share rather than gross
- Please make use of the Graphical review page that compares data entered into the Activity section

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Thank you