North Sea Transition Authority

UKSS SECTION GUIDE

RESERVES & 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

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The document can be found on the NSTA's website.

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Enquiries to:
North Sea Transition Authority
50 Broadway
London
England
SW1H 0DB

Email: correspondence@nstauthority.co.uk

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1. UKSS 2026 CHANGES

No changes were made in the Reserves and Resources section of the UKSS (UK Stewardship Survey).

2. RESERVOIR DETAILS

2.1 Fluid and drive mechanism details

2.1.1. Fluid Type

Select the most appropriate Fluid type from the list of options.



Fluid type options:

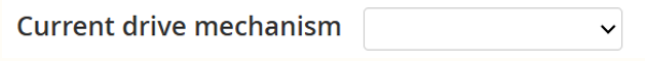
- Oil
- Dry Gas
- Oil &Gas
- Condensate
- Oil & Condensate
- Condensate & Oil

Fluid type terminology:

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

2.1.2. Current drive mechanism

Select the most appropriate Current drive mechanism from the list of options.



Current drive options:

- Depletion
- Water injection
- Gas injection
- Water & Gas injection
- Aquifer support
- Combined
- Other
  If ‘Other’ is selected, then please provide details in the comment box.

Current drive terminology:

- **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.

2.2 Oil and gas estimates

 You can paste values into the table directly from Excel:

- The page will map your pasted cell values to the table cells, ignoring any overflowing rows or columns
- Input fields which have been pasted to will be highlighted green to allow a visual check.

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

Notes:

1. The current estimates of low, mid, high and mean in-place volumes are mandatory. Please use the most recent available values.
2. **Estimates:** You are required to provide data for P90 and P10 values.
3. **Validations:** You must provide a comment if your P50 is the same as your MEAN value.

		Previous year (mmbbls)	Current year (mmbbls)
Current estimate of STOIIP (black oil)	Low (P90)		
	Mid (P50)		
	High (P10)		
	Mean		

Please use the comment box to provide any additional information that will help in the understanding of these STOIIP estimates.

		Previous year (bcf)	Current year (bcf)
Current estimate of GIIP (free gas)	Low (P90)		
	Mid (P50)		
	High (P10)		
	Mean		

Please use the comment box to provide any additional information that will help in the understanding of these GIIP estimates e.g. are they static (i.e. based on mapping) or dynamic (i.e. from the P/Z plot).

3. RESERVES

3.1 Reserves - Notes

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 **as reserves** in the *'survey year'* 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% chance 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

3.2 Previous year

	Cumulative Production	Estimate of 1P reserves	Estimate of 2P reserves	Estimate of 3P reserves
Oil	mmbbls	mmbbls	mmbbls	mmbbls
Condensate	mmbbls	mmbbls	mmbbls	mmbbls
NGL	mmbbls	mmbbls	mmbbls	mmbbls
Sales Gas	bcf(sales)	bcf(sales)	bcf(sales)	bcf(sales)

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

Please ensure you provide **Cumulative Production** not yearly production.

3.3 Current year

	Cumulative Production	Estimate of 1P reserves	Estimate of 2P reserves	Estimate of 3P reserves
Oil	mmbbls	mmbbls	mmbbls	mmbbls
Condensate	mmbbls	mmbbls	mmbbls	mmbbls
NGL	mmbbls	mmbbls	mmbbls	mmbbls
Sales Gas	bcf(sales)	bcf(sales)	bcf(sales)	bcf(sales)

Please ensure you provide **Cumulative Production** not yearly production.

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 Sales Volume data for a category has been entered into the Activity section there should be data entered into the Reserves & resources section submission.

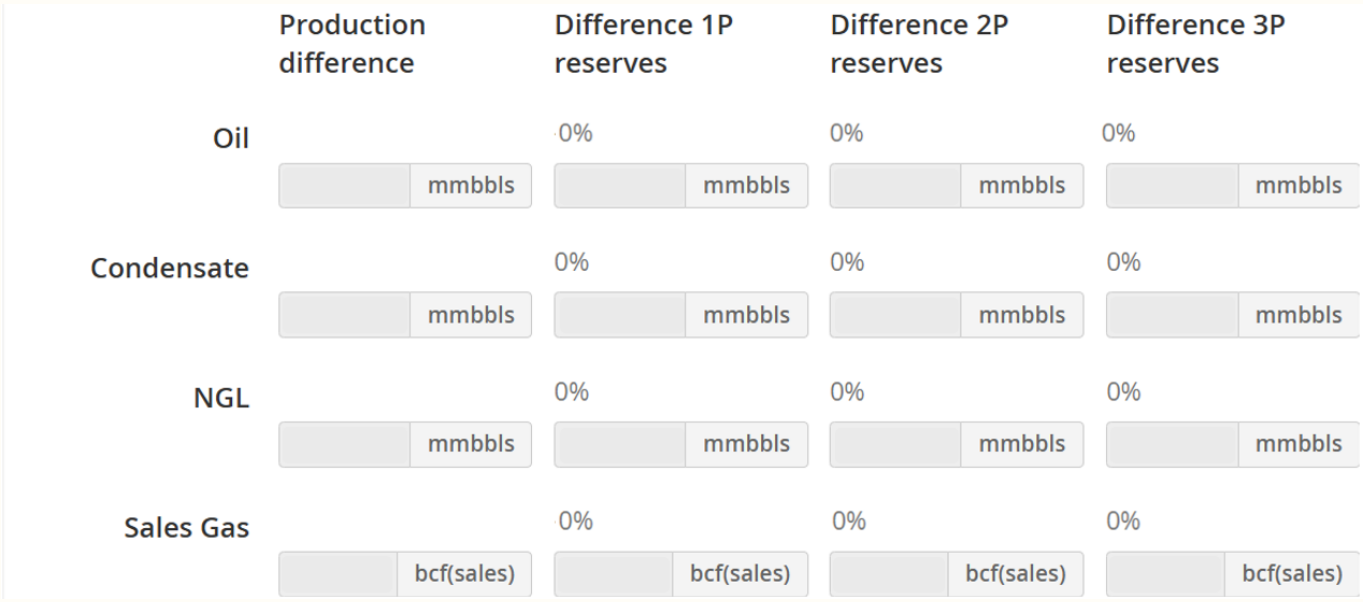
The Estimate 2P is compared to the sales volume profile from the 1 January that occurs while the survey is live through to the CoP year.

Validation Dependence

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

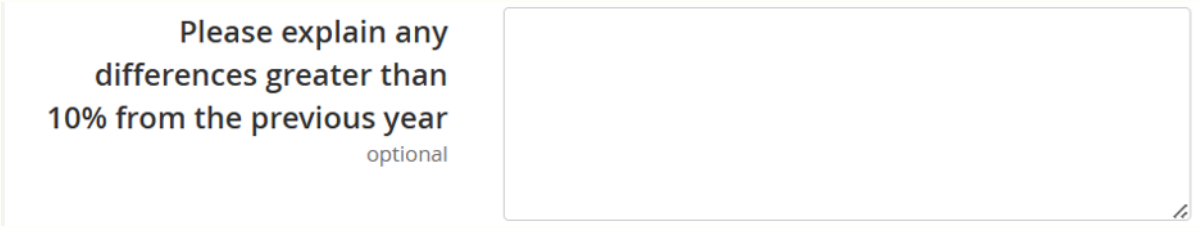
You cannot submit until the dependent section has been submitted.

3.4 Calculated difference



The table of differences is automatically generated.
The difference between the current year values and the previous year values is calculated to determine the amounts for the current survey year. The percentage, above the difference in reserves value, details the percentage change from the previous year.

3.4.1. Explanation of difference



Please provide some context for changes that are greater than + or - 10% of previous year.

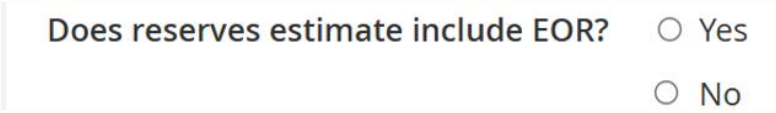
Oil, Condensate and NGL estimates

Small changes of less than **0.1 mmbbls** that result in a + or - 10% do not require explanation.
Large changes of more than **5 mmbbls** always require an explanation.

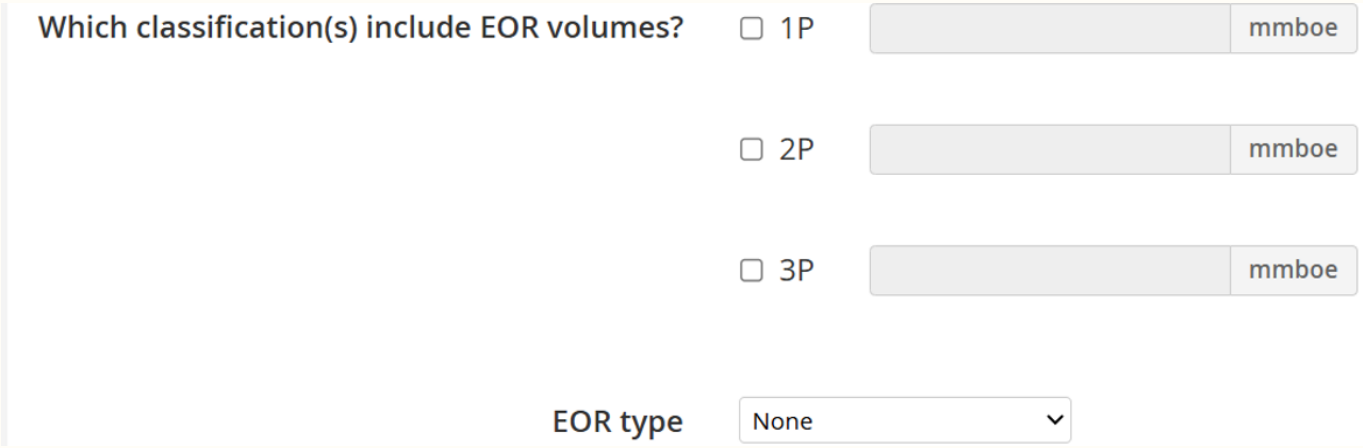
Sales Gas estimates

Small changes of less than **0.5 bcf** that result in a + or - 10% do not require explanation.
Large changes of more than **25 bcf** always require an explanation.

3.5 Enhanced Oil Recovery (EOR)



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



Tick the relevant classification and specify estimated volume of reserves associated with EOR for each classification which included EOR volumes.

EOR type options:

- None
- Hydrocarbon Miscible
- Nitrogen and Flue Gas
- CO2 Miscible
- Surfactant / Polymer
- Polymer
- Alkaline
- Bright Water ('strong gel')
- Low Salinity
- CDG / LPS ('weak gel')
- Other
  If 'Other' is selected, then please describe in the comment box.

4. CONTIGENT RESOURCES

4.1 Contingent resources - Notes

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

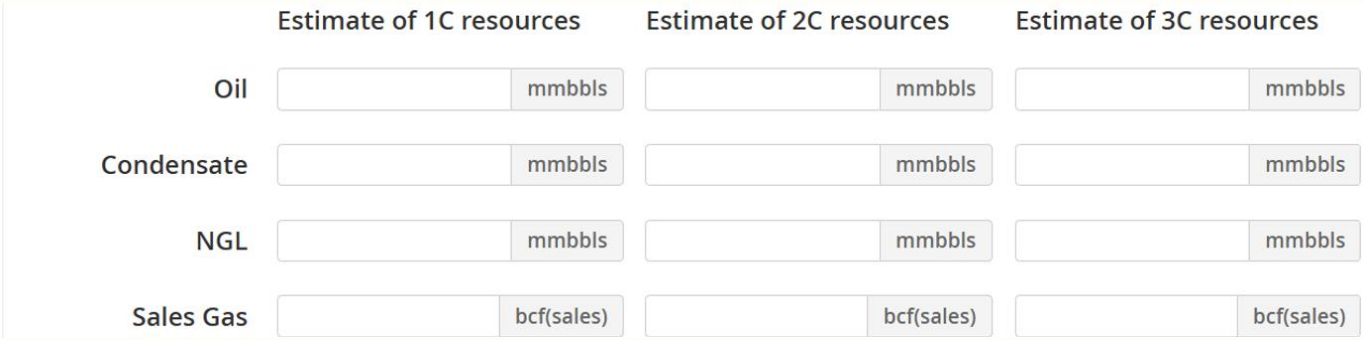
4.2 Previous year

	Estimate of 1C resources	Estimate of 2C resources	Estimate of 3C resources
Oil	mmbbls	mmbbls	mmbbls
Condensate	mmbbls	mmbbls	mmbbls
NGL	mmbbls	mmbbls	mmbbls
Sales Gas	bcf(sales)	bcf(sales)	bcf(sales)

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

Please ensure you provide **Cumulative Production** not yearly production.

4.3 Current year



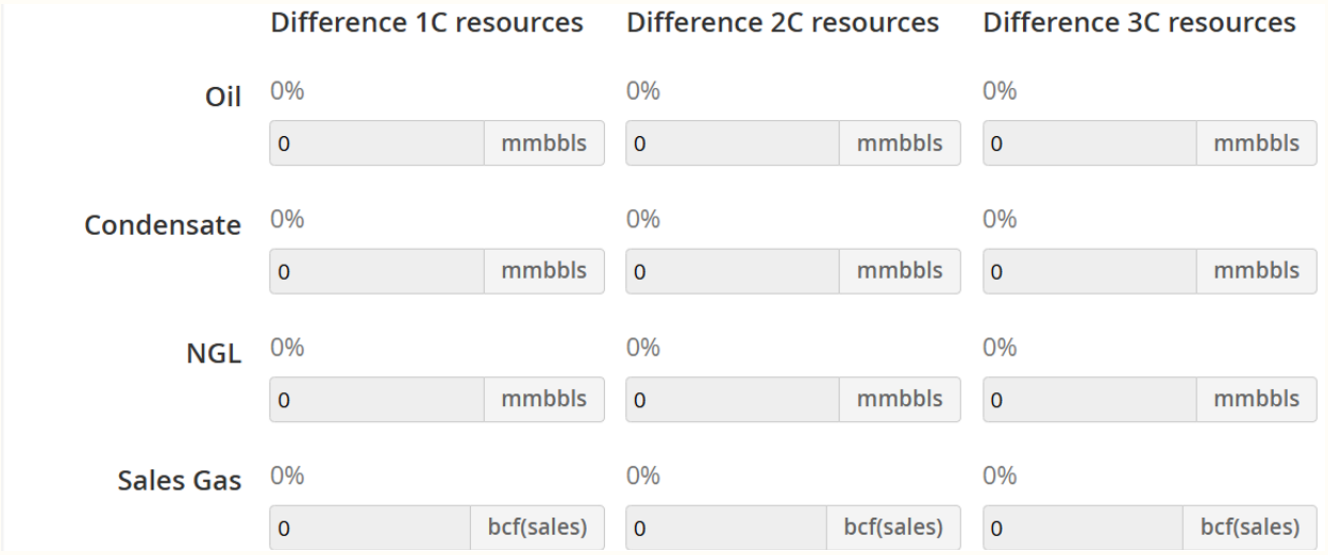
Activity Section Cross Check Validation

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 Sales Volume data for a category has been entered into the Activity section there should be data entered into the Reserves & resources section submission.

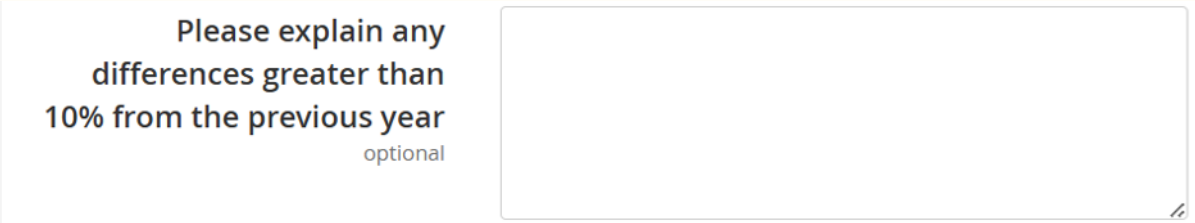
The Estimate 2C is compared to the sales volume profile from the 1 January that occurs while the survey is live through to the CoP year.

4.4 Calculated difference



The table of differences is automatically generated.
The difference between the current year values and the previous year values is calculated to determine the amounts for the current survey year. The percentage, above the difference in reserves value, details the percentage change from the previous year.

4.4.1. Explanation of difference



Please provide some context for changes that are greater than + or - 10% of previous year.

Oil, Condensate and NGL estimates

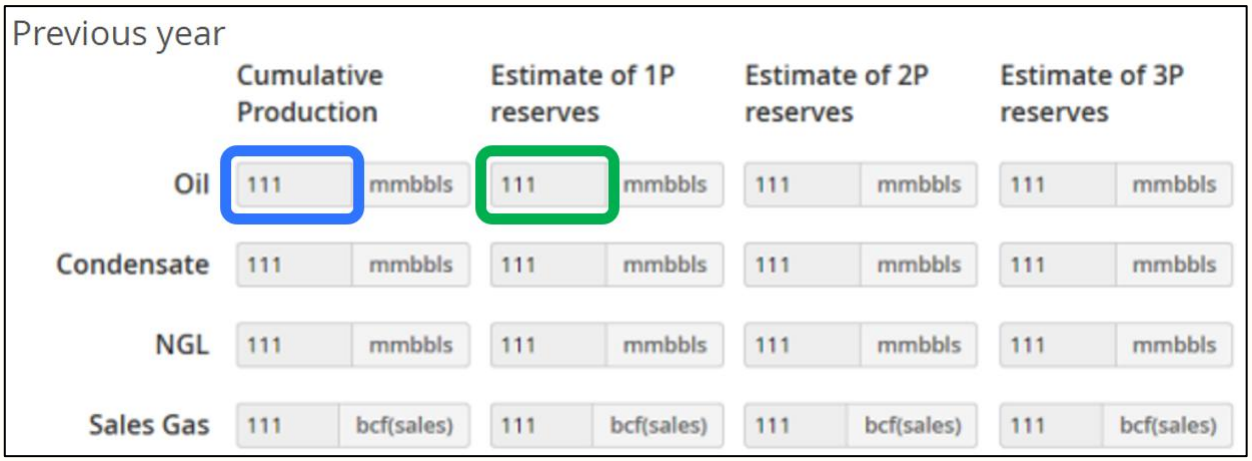
Small changes of less than **0.1 mmbbls** that result in a + or - 10% do not require explanation.
Large changes of more than **5 mmbbls** always require an explanation.

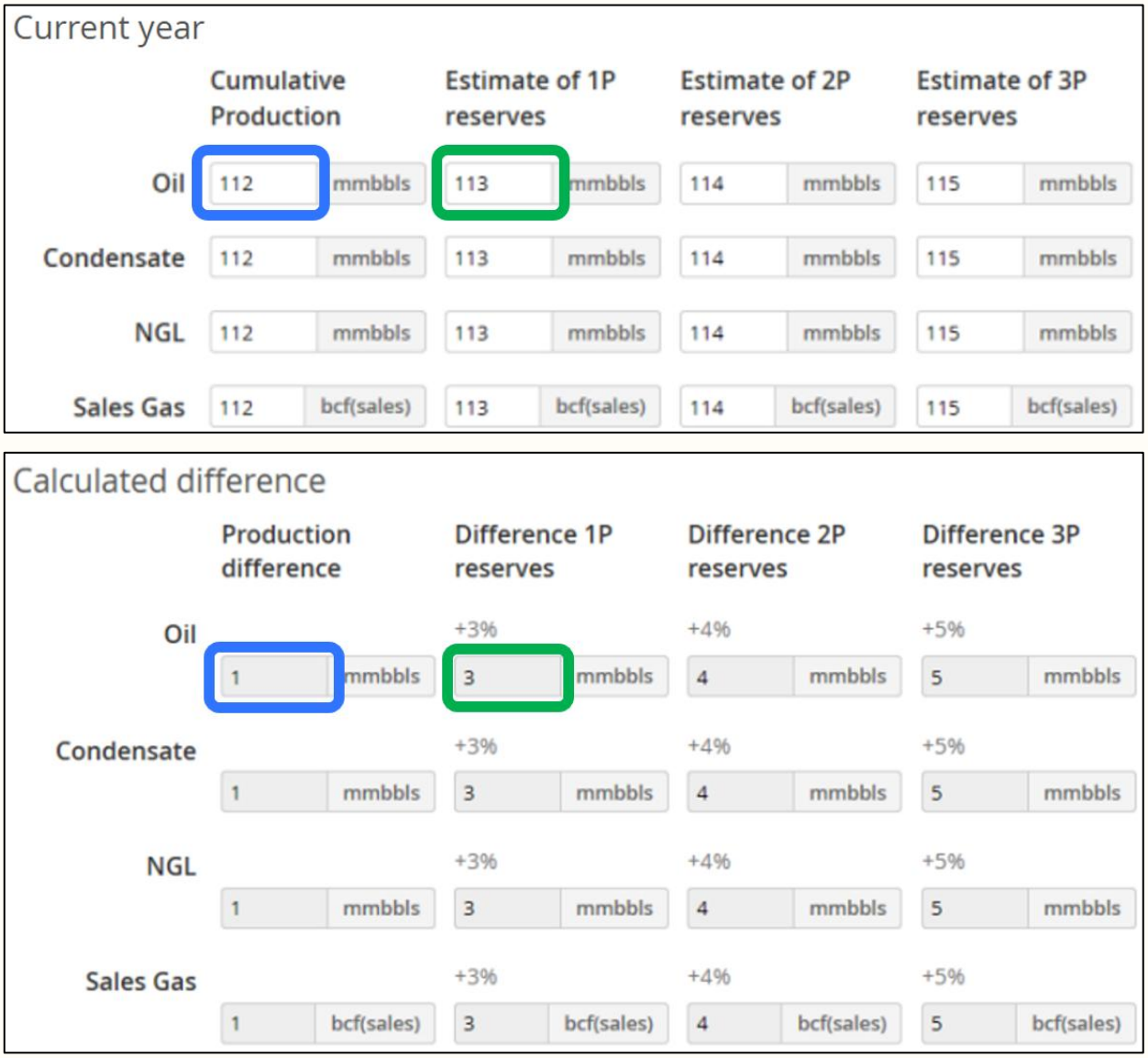
Sales Gas estimates

Small changes of less than **0.5 bcf** that result in a + or - 10% do not require explanation.
Large changes of more than **25 bcf** always require an explanation.

Note:
The Calculated difference does not calculate the difference between the Previous Year (PY) and Current year (CY) 1P, 2P and 3P reserves.
The calculation shows the CHANGE in reserves regardless of the production in the latest year.

Example:





The cumulative oil volume produced (PY) was 111mmb. The annual production is 1mmb. Thus, the CY is 112mmb, an increase of **1mmb**. (Calculation values highlighted in blue.).

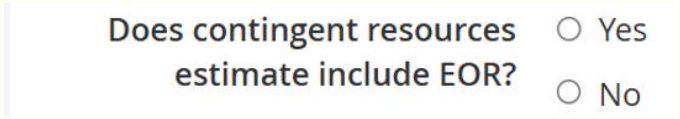
The PY 1P reserves was 111mmb. 3mmb is added to 1P reserves (e.g. due to an operational reason). Thus, the inputted CY 1P reserves are 111mmb + 3mmb – 1mmb of production resulting in 113mmb for CY 1P reserves.

The arithmetic difference in inputted data would be 113mmb – 111mmb = **2mmb**. However, the CHANGE in 1P reserves also takes into consideration the **1mmb** of production. Thus, the calculated difference is 2mmb + 1mmb = **3mmb**. (Calculation values highlighted in green.).

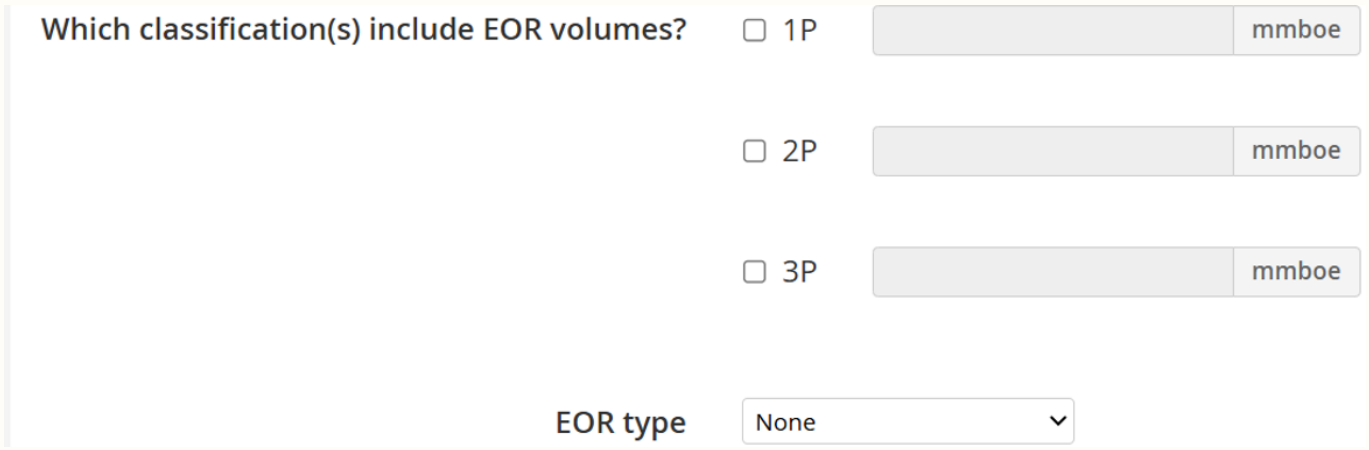
2P and 3P reserves calculations also include the annual production change.

This applies to all fluid types (Oil, Condensate, NGL and Sales Gas).

4.5 Enhanced Oil Recovery (EOR)



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



Tick the relevant classification and specify estimated volume of contingent resources associated with EOR for each classification which included EOR volumes.

EOR type options:

- None
- Hydrocarbon Miscible
- Nitrogen and Flue Gas
- CO2 Miscible
- Surfactant / Polymer
- Polymer
- Alkaline
- Bright Water ('strong gel')
- Low Salinity
- CDG / LPS ('weak gel')
- Other
  If 'Other' is selected, then please describe in the comment box.

5. GRAPHICAL REVIEW

5.1 How to use this page

This chart has been designed to help ensure the production and sales profiles entered in the Activity section of the survey are consistent with the Reserves & resources data entered in this section.

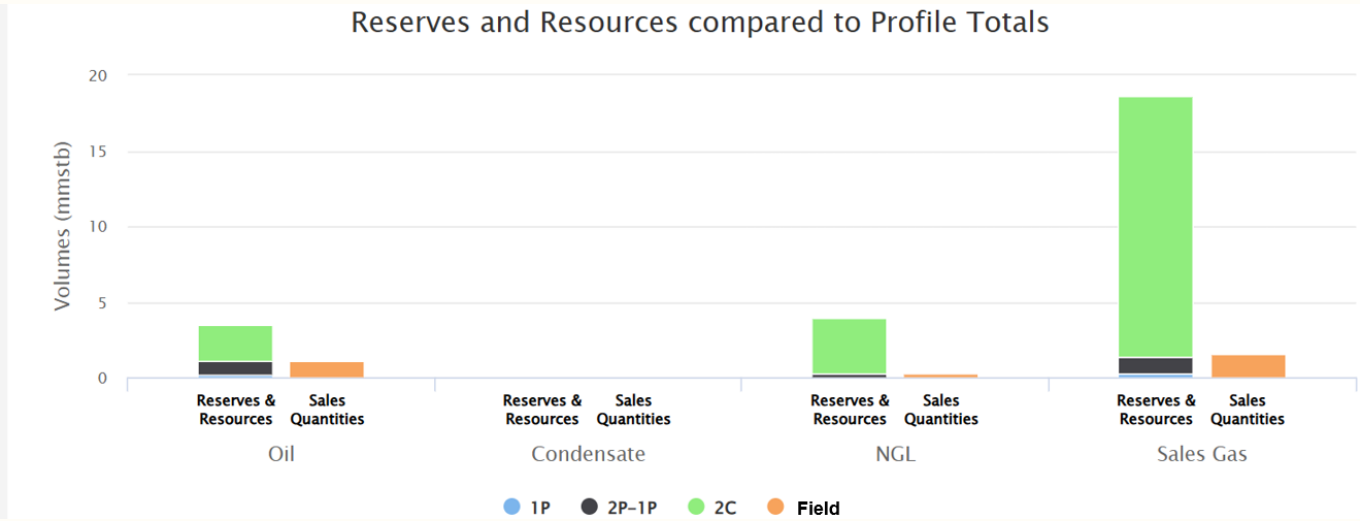
1P and 2P Reserves data should be roughly equivalent to the sales volume data submitted for sanctioned activities (probability of proceeding = 100%).

2C Resources data should be roughly equivalent to the sales volume data submitted for probable and possible activities (probability of proceeding less than 100%).

In the chart below, all sanctioned profiles are summed and all unsanctioned profiles are summed, and the totals comparted to 1P, 2P and 2C volumes for each hydrocarbon type.

The graph represents reserves that are shown after 'summed' and 'up to COP date (also specified in the Activity Section)'.

Chart example



Below the chart there is a question and comment box should you wish to explain any significant difference.

6. CHECKLIST

Below are some of the detailed QC steps that this 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.

7. CONTACT DETAILS

If you have any issues when using the UKSS Stewardship Survey then please email stewardshipsurvey@nstauthority.co.uk and the stewardship team will respond as quick as possible.

If you find any errors with the data or question options presented on this survey form, then please report the error to the UK Energy Portal Service Desk by calling 0300 067 1682 or email ukop@nstauthority.co.uk.

North Sea Transition Authority

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