North Sea Transition Authority

UKSS SECTION GUIDE

WELLS

This section will appear for all Fields and licences that you have, and include any that were relinquished in the current survey year.

If you think there are any errors with allocation, please contact

stewardshipsurvey@nstauthority.co.uk

Date of publication 22/10/2026

DRAFT

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Published by the North Sea Transition Authority

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1. UKSS 2026 CHANGES

No changes were made in the Wells section of the UKSS (UK Stewardship Survey).

2. FIELD WELLS

2.1 FIELD WELL GUIDANCE NOTES

The wells section of the survey may require input from different teams within an Operator.

Note: Only petroleum wells should be included in the survey.
Carbon Storage wells are **not** to be included.

2.1.1. Planned Development Wells

Information should be submitted for each well/target planned to be drilled in the next three years. It is understood that drilling plans change so submission should be based on best estimate at time of submission. Information may come from a Field Development Plan and/or an actual drilling schedule. If the well type options are not sufficient to describe the well, please add additional information in the comments box.

To reduce data input required, not all wellbores are pulled into the survey or need to be reported against. All well(bores) with a regulatory date in the survey year and all multi-lateral wellbores are to be included. The last or "open to reservoir" wellbore for all other families of wells should also be included (i.e. a single well(bore) reported against each well origin).

2.1.2. Wells shown under a licence

Exploration and appraisal wells that have not been permanently abandoned and have not been changed into development wells should appear under the appropriate licence. If there are no such wells, the section will appear blank but will require you to submit the section.

Any missing wells need to be added. This usually requires the update of data in WONS.

2.1.3. Existing Well details

All data in this section is taken from WONS. Before submitting the section, please ensure that data matches the well data in WONS. This may require WONS to be updated before submitting the section.

All wells not permanently abandoned should appear in this section. Missing wells are probably the result of incorrect data in WONS so check WONS and update as necessary.

If any data fields are not populated (e.g. "Type") please update WONS with this information. The survey will then pull this data through.

The status of the well (at 31 Dec 2026) should be updated if necessary (as should WONS).

The issues and activities section should be populated if there were any issues affecting planned production or injection during 2026. Any activity carried out on the well during 2026 (except routine maintenance) should be captured.

2.1.4. Designated Well

For each well origin there should only be one designated wellbore – usually the last one drilled. The exceptions to this will be multilateral wells (where there is no designated wellbore).

2.2 EXISTING DEVELOPMENT WELL

2.2.1. Well Details

Only designated wells (reference section 2.1.4) are to be included in this Survey Section

All Well details should be pre-populated with the data taken from the WONS system.

Recent updates to the WONS system mean that the survey will only pull in ‘DESIGNATED’ wells for Operators to report on, plus those drilled in the survey year.

Planned wells are not required in this section.



Please check all details for the listed wells. If any of their details are missing, please update WONS, as you will not be able to submit with missing details.

If a wellbore is missing from the survey, please check (and correct if necessary) it’s designation in WONS by contacting wons@nstauthority.co.uk. If the correct designation cannot be achieved, please add the wellbore manually in the survey and make a comment in the relevant survey section.

Wellbores may be added manually by clicking the 'Add wellbore' button at the bottom of the screen.

Please do not add ‘undesignated’ wellbores to the survey, even if these wellbores have appeared in previous surveys.

If you are manually entering a well, please ensure that the Field you are entering it into matches the Field listed in WONS.

If a well is selected as a subsea well in the survey, then the well should be classed in WONS as having a subsea wellhead (even though some wells do not have a wellhead, e.g. those with Mud Line Suspension (MLS) system).

2.2.2. Adding / Removing a Wellbore

Wellbores may be removed from the list when:

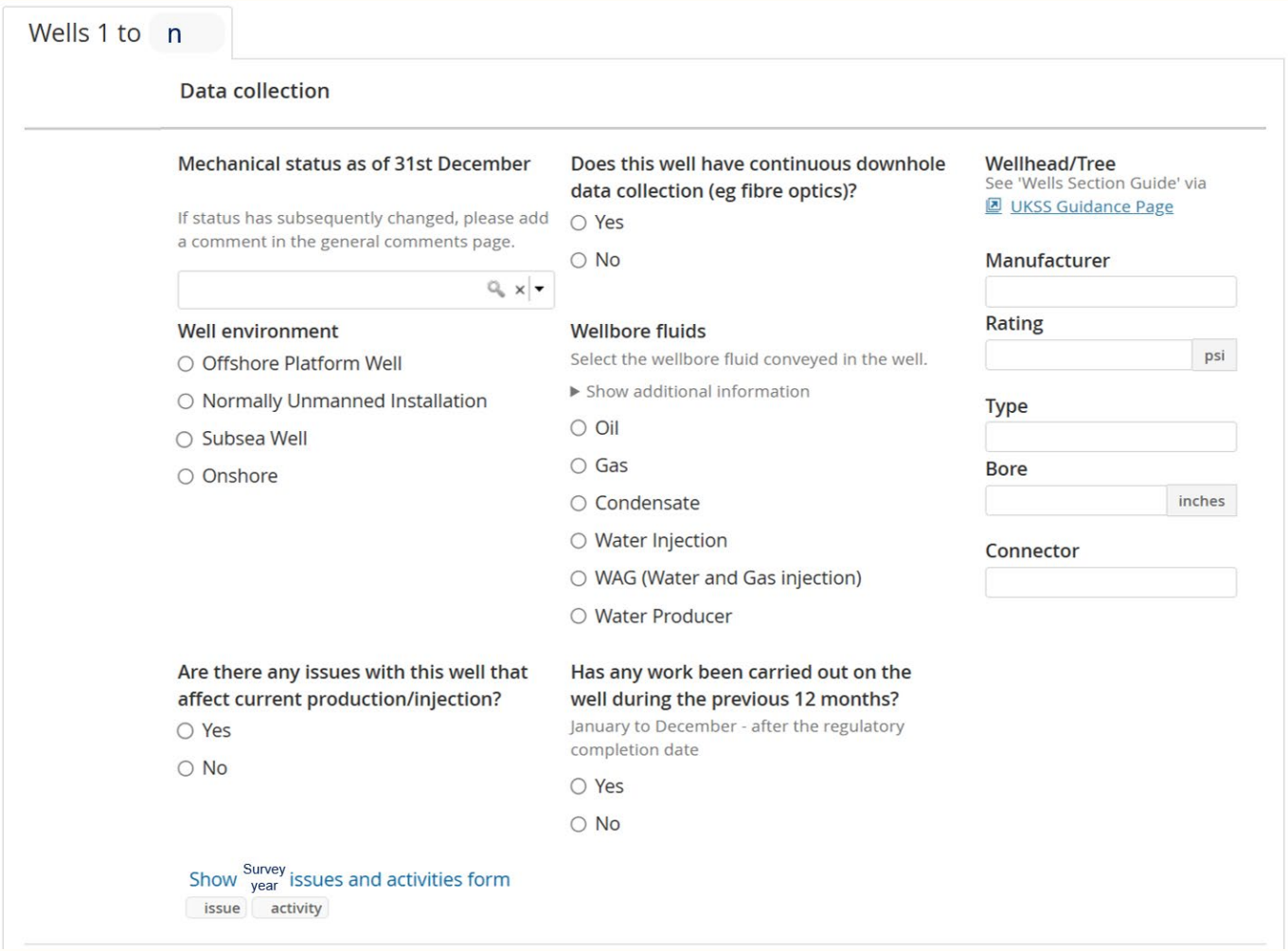
- The automatic inclusion criteria is broken by a recent WONS data change.
- The wellbore has been added manually.

Wellbores may be added manually by clicking the + Add well button.

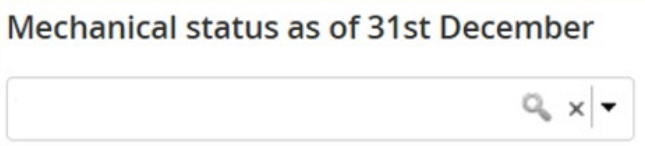
Planned wells are not required in this section.

2.2.3. Well Data Collection

All data collected on existing wells will be pre-populated from WONS on the first instance of opening the Survey section. This data is editable; please edit as required (and continue to update WONS throughout the year).

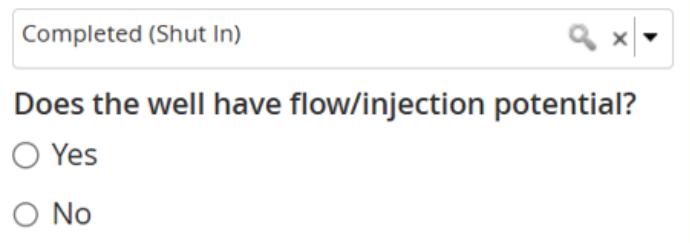


2.2.3.1. Well Status as of 31st December



Check the given status of the well; it is to reflect the status of the well on 31 December.
If the status is different, then select the relevant status from the drop-down menu, and please add a comment in the general comments page (and update WONS too).

Status Options	
Planned	A wellbore that has been planned but not yet started drilling.
Drilling	A wellbore that is being drilled at the moment.
Completed – (operating)	Completed wellbore that is currently active.
Completed – (Shut in)	Completed wellbore that is shut in either at the tree values or subsurface safety value. Normally this status will only be applied if the wellbore is intended to be shut in for 90 days or more **NOTE: For a shut in well an issue must be provided.**
Plugged	A wellbore that has been plugged with a plug rather than an abandonment barrier.
Abandoned Phase 1 (AB1)	The reservoir has been permanently isolated. The wellbore below the barrier is no longer accessible.
Abandoned Phase 2 (AB2)	All intermediate zones with flow potential have been permanently isolated. The wellbore below the barrier is no longer accessible. Please provide any additional information (e.g. derogation) in the general comments box.
Abandoned Phase 3 (AB3)	The well origin at the surface has been removed, the well origin will never be used again.

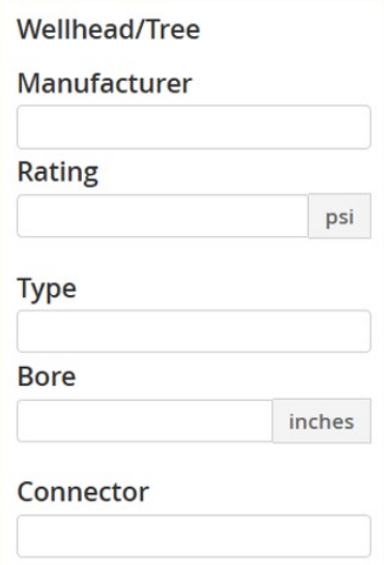


If a well has the status ‘Competed (Shut In)’,
then please specify whether the well has flow / injection potential.

Note: Please select ‘No’ if the well cannot be brought back into production from an economical or technical potential.

2.2.3.2. Wellhead / Tree

This data collection only appears when 'Subsea well' is selected as the well environment.
The information is required to allow an understanding of legacy equipment on **subsea wells**, namely Christmas trees and wellheads.



Please enter information in the format detailed in ***blue*** below, to allow the recording of Christmas tree and wellhead equipment in isolation.
We have detailed example responses in ***green***.

Note: Apart from the pressure rating in psi and bore in inches, all fields are free text. If unsure whether to add text, please add it.

Wellhead/Tree information will now be copied forward into the survey next year.

Manufacturer: [TEXT]
State the original equipment manufacturer.

Christmas Tree OEM or N/A if no XT ;
Subsea Wellhead system or MLS system OEM ;
Christmas Tree pressure rating (psi) or N/A if no XT ;
Subsea Wellhead system or MLS system pressure rating (psi).

TechnipFMC
Innovex (if crossover write in format 'Baker Hughes x/o OneSubsea')
10000
15000

Rating: [WHOLE NUMBER]
State the original pressure rating in psi.

0 – Populate this field with zero. Please enter pressure rating in field above (Wellhead/Tree).

0

Type: [TEXT]
State the Christmas tree and wellhead type.

Christmas Tree type or N/A if no XT ;
Subsea Wellhead system or MLS system type

Horizontal ;
SS-10 (if crossover write in format 'SG-5 x/o STM-18')

Bore: [DECIMAL NUMBER]
State the Christmas Tree bore size (inches). Please enter the largest bore size.

Christmas Tree bore size (inches) or 0 if no XT

5.0

Connector: [TEXT]
State the Christmas Tree re-entry interface profile, wellhead connector, Christmas Tree re-entry interface size (inches), and wellhead size (inches).

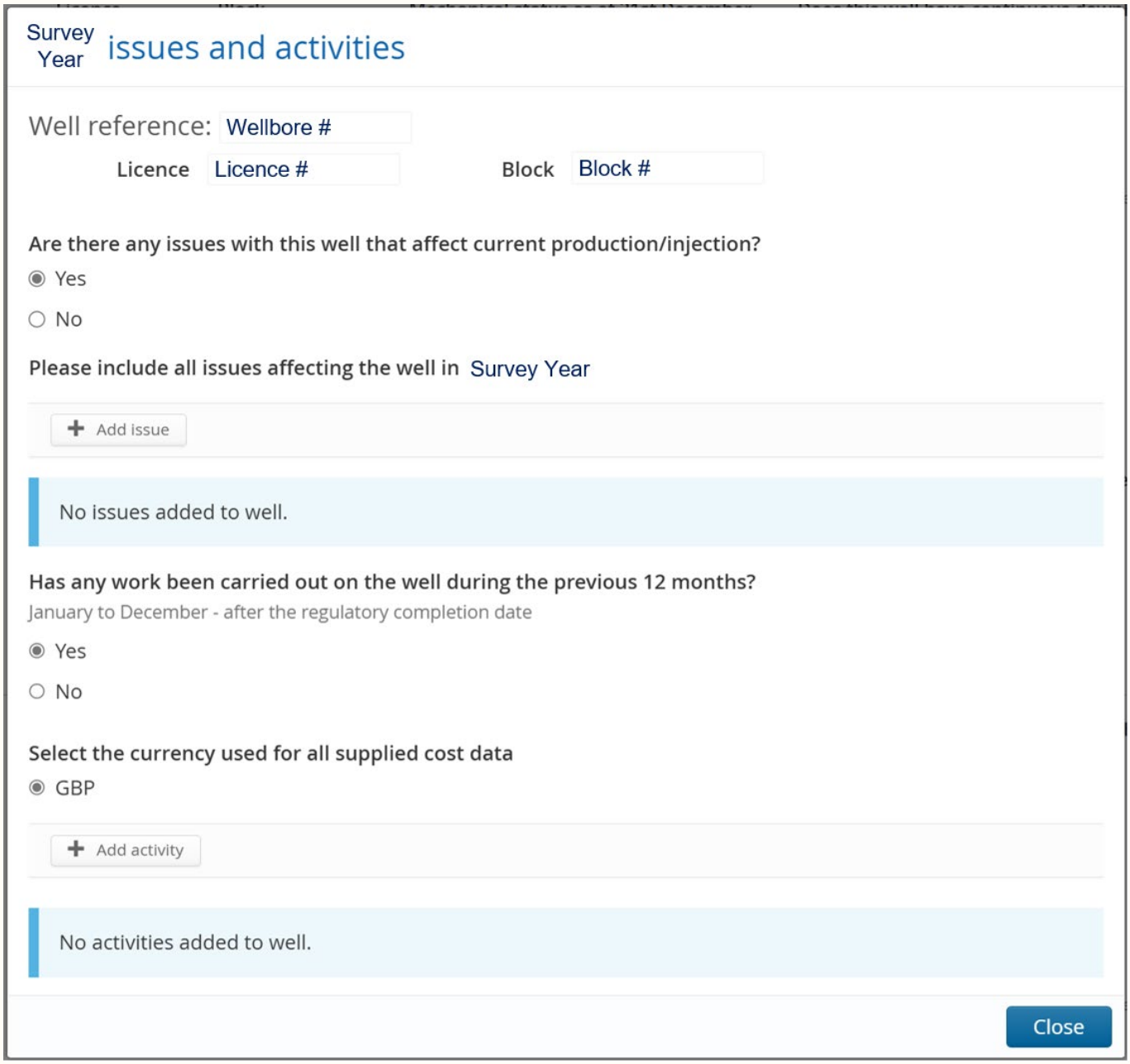
Christmas Tree re-entry interface size (inches)
Subsea Wellhead size or conductor size if MLS system (inches)
Christmas Tree re-entry interface profile or N/A if no XT
Subsea Wellhead connector profile or conductor condition if MLS system i.e. rig cut, etc.

18-3/4
13-5/8
Cameron Hub
H4

2.2.4. Issues and Activities

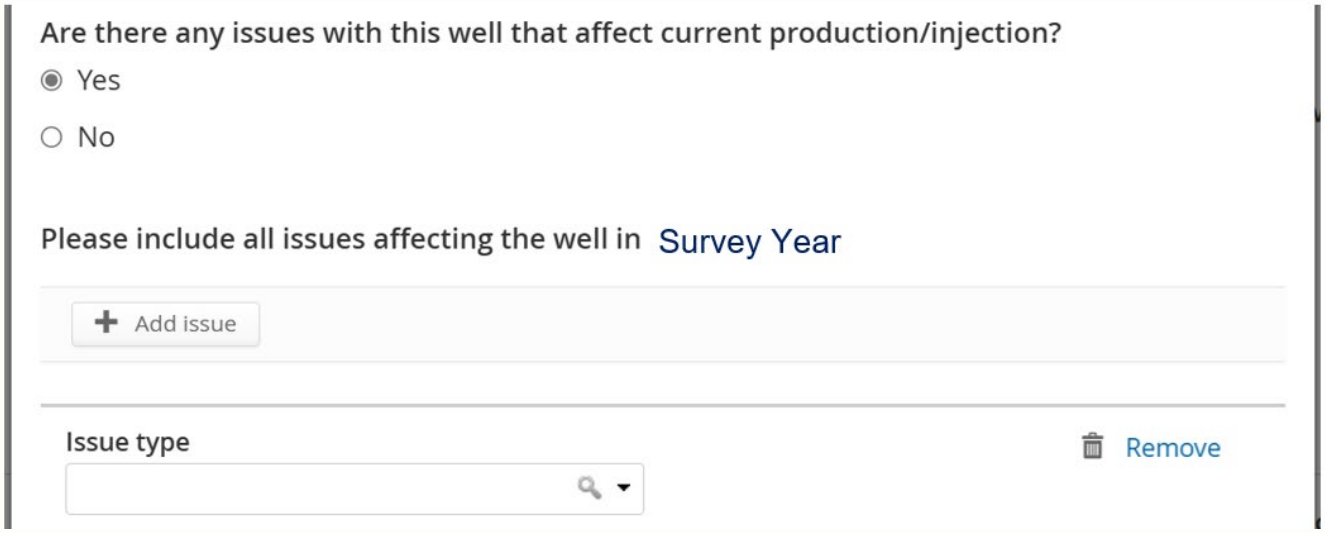
If ‘Yes’ is selected for either
‘Are there any issues with this well that affect current production / injection?’
or ‘Has any work been carried out on the well during the previous 12 months?
then the ‘issues and activities’ data request will appear.

Open the ‘issues and activities form’ by clicking on the Show Survey Year issues and activities form icon, the Well reference and associated Licence number and Block number are automatically populated.



2.2.4.1. Issues

Use the + Add issue icon to input the Issue type and sub-type when applicable (reference the table below listing the possible issue types and sub-types).



Note:

1. Add multiple issues by repeatedly selecting '+ Add issue'.
2. 'Well work is defined as upstream of the PWV' for work downstream of the PWV please use the category 'Facilities Limitation'.
3. Work on the choke on all wells (including subsea wells) is not a wells issue.

Issue Type	Issue Subtype
Artificial lift (ESP/Gas lift)	N/A
Downhole Deposits	• Asphaltene • Sand • Salt • Scale • Wax • Unknown.
Field awaiting CoP	N/A
Formation damage	N/A
Injector no longer required	N/A
Mechanical downhole access issues	N/A
Planned Maintenance/testing*	N/A
Reservoir pressure	N/A
Water production	• High water cut • Liquid loading.

Issue Type	Issue Subtype
Well integrity	• Tree values • SSSV/DHSV • Wellhead • Annulus Communication • Fluids (H_2S, CO_2) • Sustained Casing Pressure.
Non-Wells Issue	• Facilities • Subsea infrastructure failure • Bottle necking • Surface issues with gas injection systems or pipelines • Unplanned shut-in of well not due to specific issues • Extended facilities shut-down • Manpower resource limitations • Separator limitations • Unavailability of export route • Pipeline flowrate limitations • Unplanned shut-in of downstream facilities • Scaling/waxing/corrosion/sand in downstream facilities • Downstream integrity issues • Work on chokes or SCM changeouts.

2.2.4.2. Issues – Further details

Artificial Lift

Issues affecting the actual versus expected productivity of a well directly related to an artificial lift system. Examples could be (but are not limited to):

- Under-optimised artificial lift system.
- Production losses due to unplanned downhole failure and/or repair.
- Unplanned downhole remediation of artificial lift system.

Downhole deposits

Issues affecting the actual versus expected productivity of a well directly related to downhole deposits.

Field awaiting COP

Active wells (see WONS guidance) where there are no economic intervention options due to upcoming COP.

Note: Inactive wells or post COP wells should be suspended rather than shut in.

Formation Damage

Issues affecting the actual versus expected productivity of a well directly related to formation damage. Examples could be (but are not limited to):

- Wellbore damage.

Mechanical downhole access issues

Issues (which are not Sand and Scale, as above issues) with respect to "lack of mechanical downhole access". Examples could be (but are not limited to):

- Junk/Fish.
- Tubing collapse/ parted.
- Liner/Casing collapse.

Non wells issues

Issues that lead to the unplanned shut-in of a well where the cause is downstream of the wing valve and do not fall into any of the other categories.
Non-wells issues include problems with the choke valve and gas lift system out with the well.

Note: Production losses from issues in this category should not be recorded in the Wells survey section for annual well losses. Facilities related production losses are captured elsewhere in the survey.

Reservoir Pressure

Issues affecting the actual versus expected productivity of a well directly related to reservoir pressure. Examples could be (but are not limited to):

- Low reservoir pressure vs. forecast limit production.

Water Production

Issues affecting the actual versus expected productivity of a well directly related to water production. Includes but not limited to liquid loading and high water-cut.

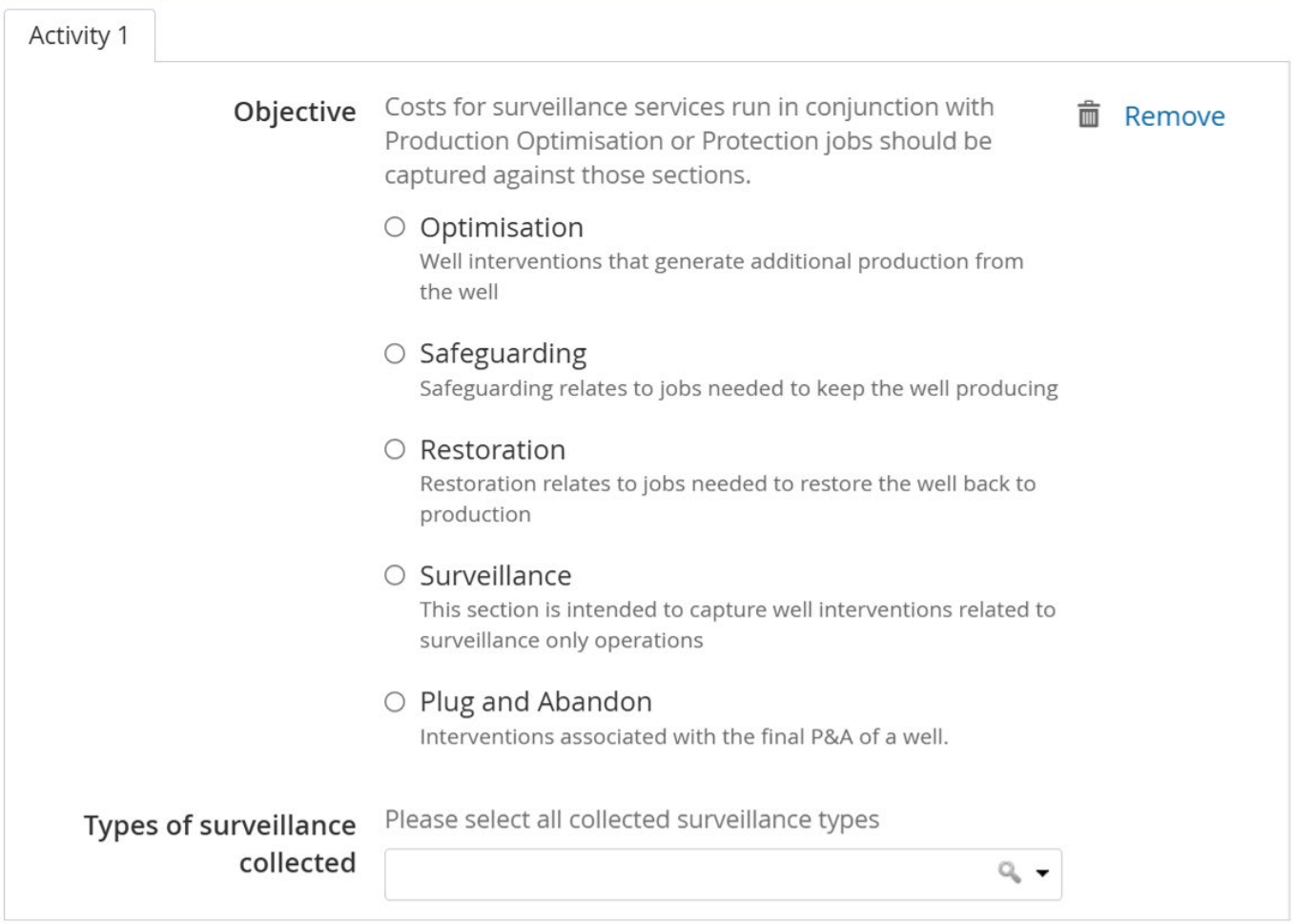
Well Integrity

Issues affecting the actual versus expected productivity of a well directly related to well integrity. Examples could be (but are not limited to):

- Failure of downhole safety valve
- Tubing to annulus communication
- Sustained casing pressure
- Wellhead valve failure.
- Failure of tubing/casing hanger seals.

2.2.4.3. Activities

Use the + Add activity icon to input details about activity carried out on the well during the '*survey year*'.



You can add multiple activities by selecting '+ Add Activity'.

Below are some specific examples on how to categorise intervention activity:

- Safeguarding activities should be reported as a protected production volume.
- Cleanout for maintenance should be reported under safeguarding.
- Intervention activity relating to Storm chokes or other devices that act as a DHSV should be classed under activity restoration DHSV repairs.

The options for the 'Types of surveillance collected' are:

- Static pressure gauges
- Cased hole formation testing e.g. MDT
- Inflow profile log e.g. PLT
- Reservoir saturation log e.g. RST
- Temperature log

- Gaslift performance e.g. static and flowing gradient surveys
- Noise log
- Downhole PVT samples
- Downhole video
- HUD measurement
- Corrosion and wall thickness e.g. USIT
- Cased hole multifinger caliper
- Cement evaluation
- Visual inspection (Surveillance objective only).

2.2.4.3.1. Optimisation Activity

Optimisation relates to well interventions that generate additional production from the well.

The following data is requested:

- Type (of activity)
- Was any surveillance data collected during the activity?
  If 'Yes', then detail the 'Types of surveillance collected' (select all that apply)
- Intervention cost
- Surveillance cost
- Total production over 1 year period.
  Note: The total contribution should be per activity. If a well has more than one activity, then it is possible that the total contribution reported per well is more the actual increase in production. The contribution should be annualised.
- Was the intervention a technical success?

The total cost is automatically calculated based on the costs being recorded as either an intervention cost or a surveillance cost.

Options for Optimisation 'Type' are:

- Hydraulic fracturing
- Re-perforations
- New perforations
- Acid stimulations
- Water shut offs
- Gas shut offs
- Zone changes e.g. shifting sleeves
- Sand control retrofit installation, repair or changeout – Mechanical
- Sand consolidation – Chemical
- Velocity strings / tailpipe extensions
- Gaslift optimisation / retrofit e.g. valve resizing, deepening, incl. tubing punch
- Downhole pump optimisation / retrofit e.g. ESP, beam pump, PCP, Plunger lift, Jet pump, etc.

When the Type of Activity is ‘Water shut offs’ or ‘Gas shut offs’, the method used must be stated. The options are:

- Mechanical shut off
- Chemical shut off
- Combination of both mechanical and chemical shut off.

For the data request ‘Total production over 1 year period’:

- The total contribution should be per activity. If a well has more than one activity, then it is possible that the total contribution reported per well is more the actual increase in production. The contribution should be annualised.
- Where contribution is low but more than zero, please report as 0.001.
- To capture the amount of additional production gained from Water injector wells, please add the increased production volume of the associated producers in the ‘Total contribution over 1 year period’ box. The smallest contribution should be reported to 3 decimal places e.g. 0.001.

An intervention is classified as a technical success if:

- for Optimisation and Restoration interventions, the work carried out meets the minimum production increase.
- for the Safeguarding intervention it maintains a minimum production rate as planned.

2.2.4.3.2. Safeguarding Activity

Safeguarding relates to jobs needed to keep the well producing.

Safeguarding activities should be reported as a protected production volume.
Cleanout for maintenance should be reported under safeguarding.

The following data is requested:

- Type (of activity)
- Was any surveillance data collected during the activity?
  If ‘Yes’, then detail the ‘Types of surveillance collected’ (select all that apply)
- Intervention cost
- Surveillance cost
- Total production over 1 year period.
  Note: The total contribution should be per activity. If a well has more than one activity, then it is possible that the total contribution reported per well is more the actual increase in production. The contribution should be annualised.
- Was the intervention a technical success?

The total cost is automatically calculated based on the costs being recorded as either an intervention cost or a surveillance cost.

Options for Safeguarding 'Type' are:

- Scale squeezes
- Foam lifting repair / maintenance (batch and continuous foam)
- Regular water washes and other regular solvent treatments
- Tubing clean outs e.g. CT, tractor, bailing, sand / wax / scale / asphaltene / other deposits removal / cutting / scraping.

When the Type of Activity is 'Regular water washes and other regular solvent treatments', the 'number of washes performed' must be stated.

For the data request 'Total production over 1 year period':

- The total contribution should be per activity. If a well has more than one activity, then it is possible that the total contribution reported per well is more the actual increase in production. The contribution should be annualised.
- Where contribution is low but more than zero, please report as 0.001.
- To capture the amount of additional production gained from Water injector wells, please add the increased production volume of the associated producers in the 'Total contribution over 1 year period' box. The smallest contribution should be reported to 3 decimal places e.g. 0.001.

An intervention is classified as a technical success if:

- for Optimisation and Restoration interventions, the work carried out meets the minimum production increase.
- for the Safeguarding intervention it maintains a minimum production rate as planned.

2.2.4.3.3. Restoration Activity

Restoration relates to jobs needed to restore the well back to production.

The following data is requested:

- Type (of activity)
- Was any surveillance data collected during the activity?
  If 'Yes', then detail the 'Types of surveillance collected' (select all that apply)
- Intervention cost
- Surveillance cost

- Total production over 1 year period.
  Note: The total contribution should be per activity. If a well has more than one activity, then it is possible that the total contribution reported per well is more the actual increase in production. The contribution should be annualised.
- Was the intervention a technical success?

The total cost is automatically calculated based on the costs being recorded as either an intervention cost or a surveillance cost.

Options for Restoration ‘Type’ are:

- Gaslift valve repairs
- Downhole pump replacement/Rod repairs e.g. ESP, beam pump, PCP, Plunger lift, Jet pump, etc.
- Tubing changeout / Recompletion or casing repairs – restoration / integrity related
- Unloading e.g. CT Kickoff, Swabbing
- Fishing jobs
- SC-SSSV or DHSV repairs / installations
- Tree / Wellhead repairs
- Gas bull heading

The total cost is automatically calculated based on the costs being recorded as either an intervention cost or a surveillance cost.

For the data request ‘Total production over 1 year period’:

- The total contribution should be per activity. If a well has more than one activity, then it is possible that the total contribution reported per well is more the actual increase in production. The contribution should be annualised.
- Where contribution is low but more than zero, please report as 0.001.
- To capture the amount of additional production gained from Water injector wells, please add the increased production volume of the associated producers in the ‘Total contribution over 1 year period’ box. The smallest contribution should be reported to 3 decimal places e.g. 0.001.

An intervention is classified as a technical success if:

- for Optimisation and Restoration interventions, the work carried out meets the minimum production increase.
- for the Safeguarding intervention it maintains a minimum production rate as planned.

2.2.4.3.4. Surveillance Activity

The Surveillance objective is intended to capture well interventions related to surveillance only operations.

The following data is requested:

- Types of surveillance collected
- Surveillance cost
- Was the intervention a technical success?

The total cost is automatically calculated based on the costs being recorded as either an intervention cost or a surveillance cost.

An intervention is classified as a technical success if:

- for Optimisation and Restoration interventions, the work carried out meets the minimum production increase.
- for the Safeguarding intervention it maintains a minimum production rate as planned.

2.2.4.3.5. Plug and Abandon Activity

The Plug and Abandon objective is for recording interventions associated with the final P&A of a well.

The following data is requested:

- Was any surveillance data collected during the activity?
  If ‘Yes’, then detail the ‘Types of surveillance collected’ (select all that apply).

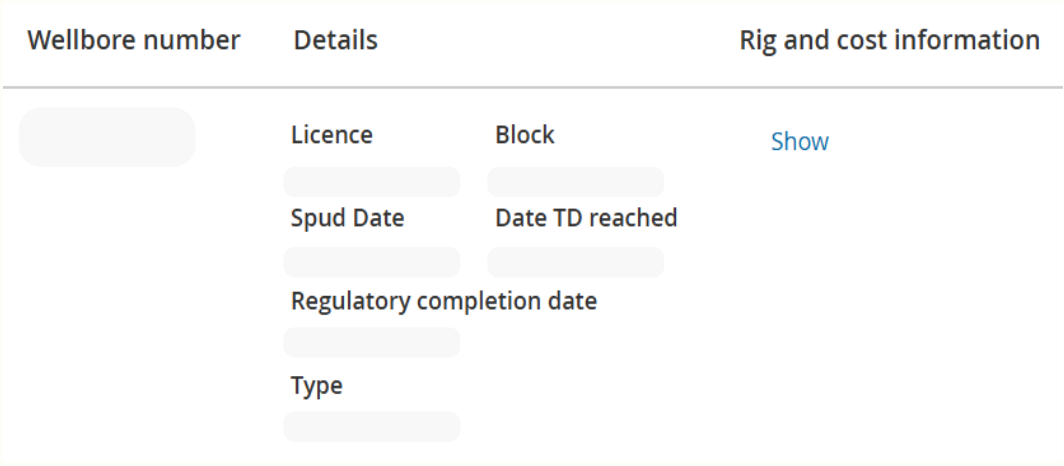
2.3 NEW DEVELOPMENT WELLS

2.3.1. Well details

If any wells are missing, then please check that the regulatory completion date is correctly populated in WONS.

You are unable to manually add wells into this section, please check WONS regulatory completion date is correct.

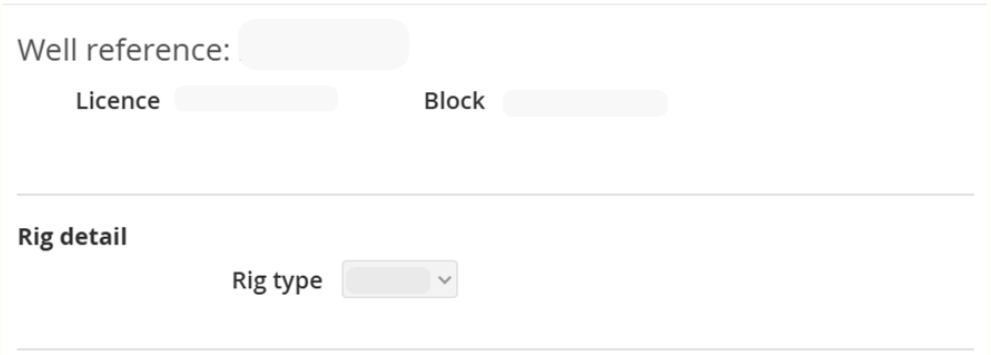
Wells can be added manually by clicking the 'Add well' button on the 'Existing Development wells' page.



Any new development well on which activity was completed during, Jan to Dec, should appear in this section. The survey selects wells based on the regulatory completion date. The regulatory completion date is the date construction operations were completed on the well whether or not a completion string was run. The definition is:

> This is the date on which the construction was completed (including immediate P&A if appropriate). The date a well is left in one of three mechanical states following drilling:
>
> - Completed for Production (either Operating or Shut-in) - the date that perforation and setting of tubing and packers is finished and the well is ready to produce.
> - Abandoned (AB3) - the date that the well bore, on completion of operations, is left in such a condition that the open hole is plugged and sealed such that it may not be re-entered (in general this will involve the cutting and retrieval of casing strings, removal of all drilling mud and similar fluids, and permanent sealing of the wellhead with no components remaining at surface).
> - AB1 or AB2 (operations on wellbore finished).

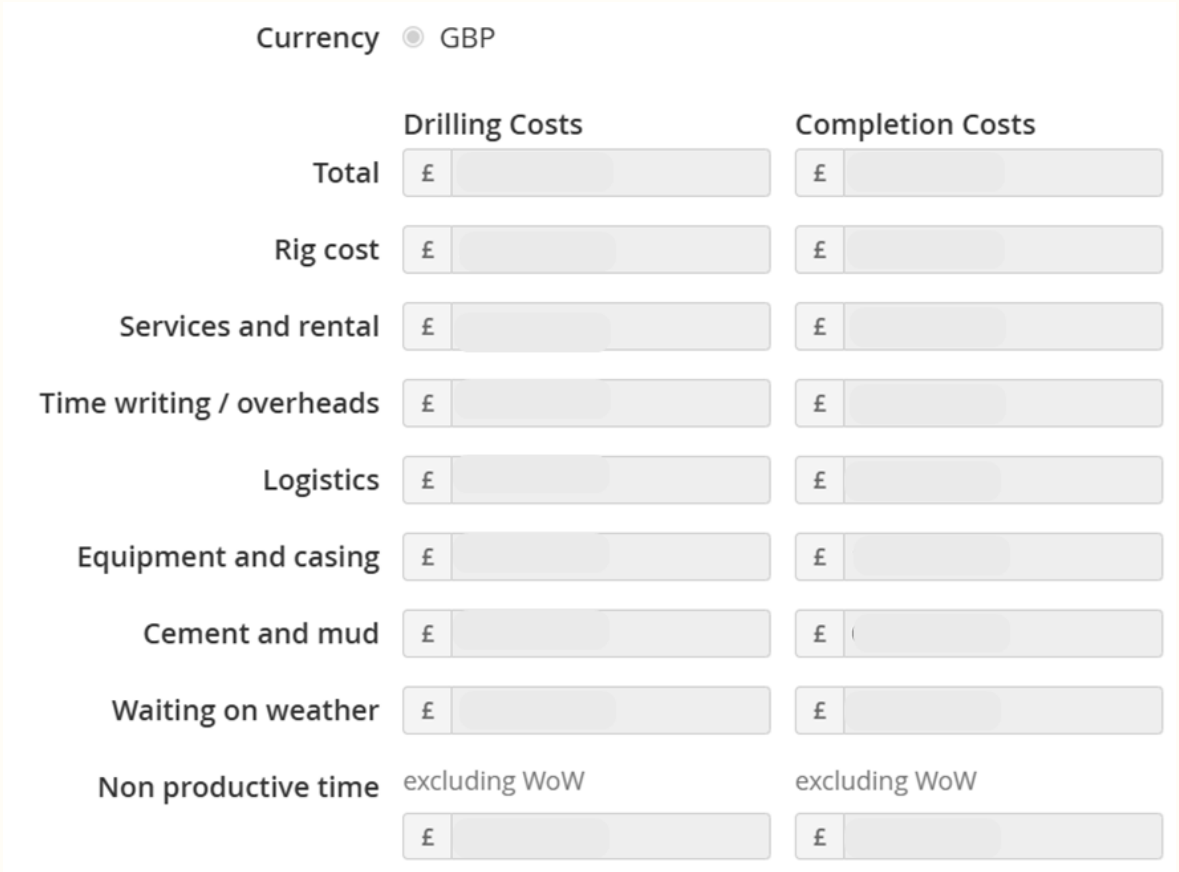
2.3.2. Rig and Cost Information



Rig type options:

- Platform
- Semi
- Drillship
- Jack-Up
- Other.

You can no longer provide costs in USD. A warning will be raised when costs were added in USD in the previous survey year. Please ensure these are converted to GBP.



Please enter actual rather than AFE costs.

If there is no cost assigned to a category, please explain why in the general comments box.

Cost detail

Actual well costs should be reported in this section. Individual categories should not include WOW and NPT and should detail the actual cost incurred for each category.

Total Cost for each column is calculated as the sum of 8 categories.

Well costs should include slot recovery and plugging of any previous wellbores.

Drilling Costs from well spud to end of logging of reservoir hole section and to include mob/demob, P&A, slot recovery, plugging of previous wellbores (all if applicable).

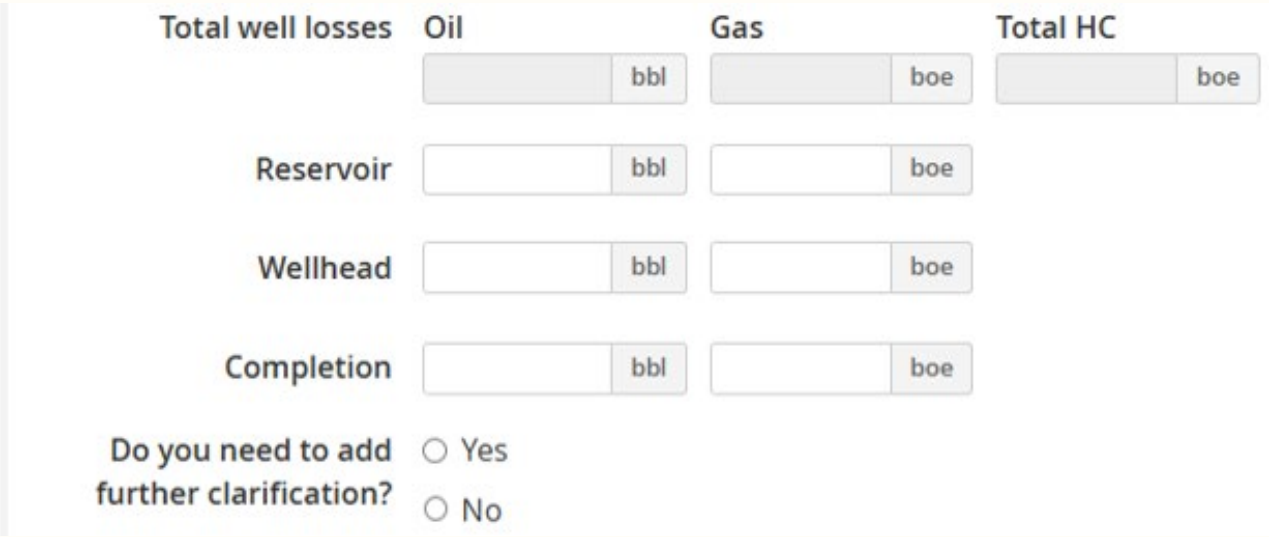
Completion Costs from commencement of 'success' completion operations (sand face completion and upper completion) to end of current well operation (well ready for use as a development well and excluding any non-concurrent intervention operations). Cost to include well test operations in exploration and appraisal wells (if applicable).

2.4 WELL LOSSES (ANNUAL)

- Exercise query register

Please report well losses per field and not per hub. If metering means this is not possible then please provide an estimated split.

The annual well losses reported in this section should match those submitted to the hub operator to be reported by hub.



Note:

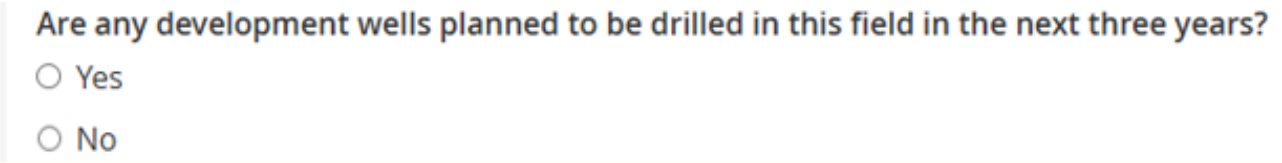
1. Total well losses are auto summed.
2. Reservoir losses cover all reservoir related losses e.g. lack of voidage.
3. Wellhead losses cover loss associated with wellhead equipment (excluding completion) and operation (from the tubing hanger upwards to the Christmas tree and the wellhead system including annulus valves within the boundary of the well).
4. Completion losses cover loss associated with all aspects of the well jewellery within the barrier envelope of the well, using the fact that a well is a system.
   Examples:
   (i) Annulus problems that highlight a well loss would be captured within this level.
   (ii) Failure of any component of an ESP (includes power supply if within the well completion boundary)
   (iii) Failure of downhole gas lift valve(s).

If you have added any issues to the Existing Development wells, you cannot leave losses as 0.

If the well needs to be shut-in for **any reason** for a period of time (greatly than 24 hours), then this loss needs to be recorded.

If ‘Yes ’is selected for the question “Do you need to add further clarification?”,
then please provide details in the ‘Please clarify’ comment box.

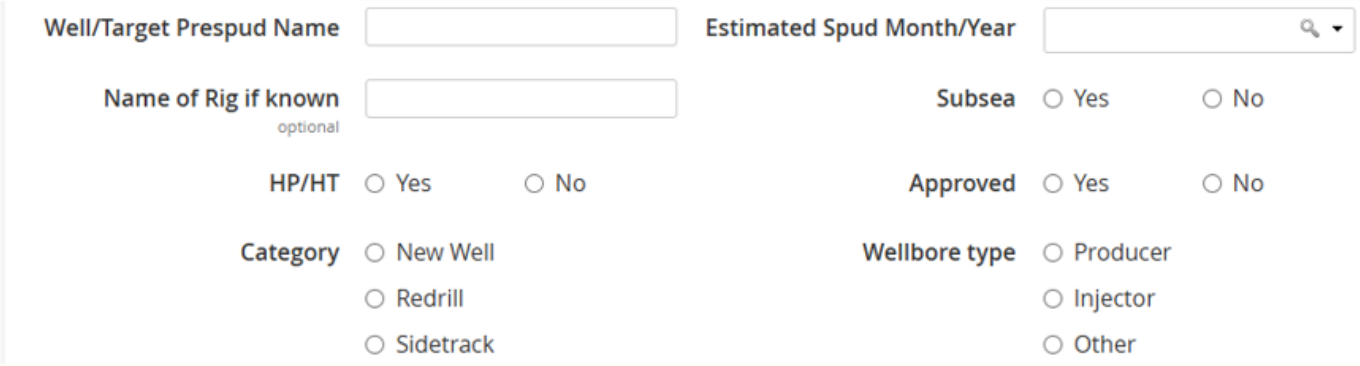
2.5 DEVELOPMENT WELL LOOKAHEAD



This information is required to help NSTA understand the level of drilling activity. It is recognised that a three year lookahead cannot be 100% correct and NSTA will not hold any company to their plans given in this section.

Wells should be included even if they are not yet sanctioned.

If you select Yes to *'Are there any development wells planned to be drilled in this field in the next three years?'* then you must answer additional questions.



You can add multiple wells by selecting the 

icon.

3. LICENCE WELLS

3.1 LICENCE WELL GUIDANCE NOTES

The wells section of the survey may require input from different teams within an Operator.

To reduce data input required, not all wellbores are pulled into the survey or need to be reported against. All well(bores) with a regulatory date in the survey year and all multi-lateral wellbores are to be included. The last or "open to reservoir" wellbore for all other families of wells should also be included (i.e. a single well(bore) reported against each well origin).

3.1.1 Wells shown under a licence

Exploration and appraisal wells that have not been permanently abandoned and have not been changed into development wells should appear under the appropriate licence. If there are no such wells, the section will appear blank but will require you to submit the section.

Any missing wells need to be added. This usually requires the update of data in WONS.

3.2 EXISTING EXPLORATION AND APPRAISAL WELLS

All data in this section is taken from WONS. Before submitting the section, please ensure that data matches the well data in WONS. This may require WONS to be updated before submitting the section.

All wells not permanently abandoned should appear in this section. Missing wells are probably the result of incorrect data in WONS so check WONS and update as necessary.

The Wellbore number and Details should be pre-populated as all well data is taken from the WONS system. If these are missing, please update WONS, as you will not be able to submit with missing details.

The issues and activities section should be pre-populated if there were any issues affecting planned production or injection during the year before this ‘survey year’ (2025).
Any activity carried out on the well during the ‘survey year’ (2026) (except routine maintenance) should be added.

Planned wells are not required in this section.

3.2.1. Well details

Only designated wells are to be included in this section

Designated well - for each well origin there should only be one designated wellbore - usually the last one drilled. The exceptions to this will be multilateral wells (where there is no designated wellbore).



If any data fields are not populated (e.g. "Type") please update WONS with this information. The survey will then pull this data through.

The status of the well (as at 31 Dec 2026) should be updated if necessary (as should WONS).

3.2.2. Adding / Removing a Wellbore

Wellbores may be added manually by clicking the + Add well icon.

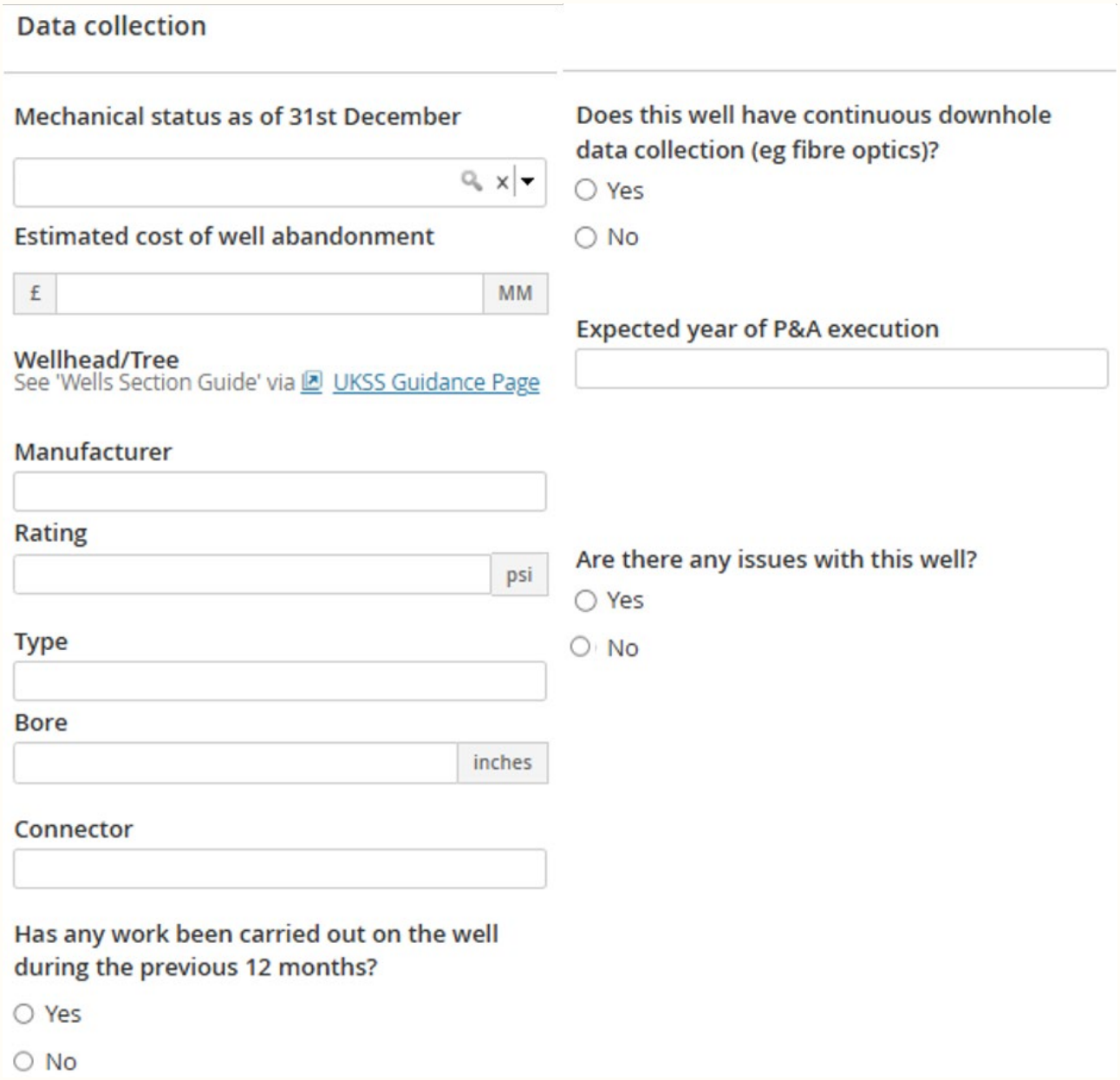
If you are manually entering a well, please ensure that the Licence number you are entering it into matches the Licence number listed in WONS.

Wellbores may be removed from the list when:

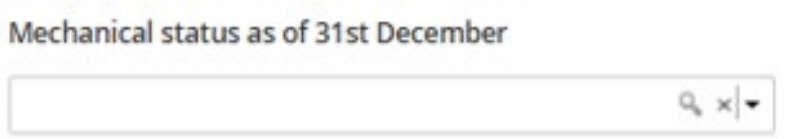
- The automatic inclusion criteria is broken by a recent WONS data change.
- The wellbore has been added manually.

3.2.3. Well Data Collection

All data collected on existing wells will be pre-populated from WONS on the first instance of opening the Survey section. This data is editable; please edit as required (and continue to update WONS throughout the year)..



3.2.3.1. Well Status as of 31st December



Check the given status of the well; it is to reflect the status of the well on 31 December.
If the status is different, then select the relevant status from the drop-down menu, and please add a comment in the general comments page (and update WONS too).

Mechanical status as of 31 December should be the status as detailed in WONS on the 31 December, even if WONS has yet to be updated with the actual well status.

Status Options	
Planned	A wellbore that has been planned but not yet started drilling.
Drilling	A wellbore that is being drilled at the moment.
Completed – (operating)	Completed wellbore that is currently active.
Completed – (Shut in)	Completed wellbore that is shut in either at the tree values or subsurface safety value. Normally this status will only be applied if the wellbore is intended to be shut in for 90 days or more **NOTE: For a shut in well an issue must be provided.**
Plugged	A wellbore that has been plugged with a plug rather than an abandonment barrier.
Abandoned Phase 1 (AB1)	The reservoir has been permanently isolated. The wellbore below the barrier is no longer accessible.
Abandoned Phase 2 (AB2)	All intermediate zones with flow potential have been permanently isolated. The wellbore below the barrier is no longer accessible. Please provide any additional information (e.g. derogation) in the general comments box.
Abandoned Phase 3 (AB3)	The well origin at the surface has been removed, the well origin will never be used again.

3.2.3.2. Estimated Cost of Well abandonment



This is the total amount to fully abandon the well to AB3 status including all direct costs plus an allocation of indirect costs (e.g. project management, rig mobilisation/demobilisation) but not including any costs incurred when the initial suspension was carried out by the rig immediately after drilling.

Estimated costs of well abandonment should be millions. A warning will be raised when a figure greater than 100 is entered.

Note:

- Estimated costs of abandonment should not include the initial suspension.
- The costs are to be stated in 'survey year' prices.

Examples:

E&A Well 1

Year	Cost (£ millions)	Comments
2026	£ 30	£25m drill cost and £5m suspension cost
2027		
2028	£ 5	Inspection
2029		
2030	£ 15	complete and abandon

Estimated cost of Abandonment	£ 20

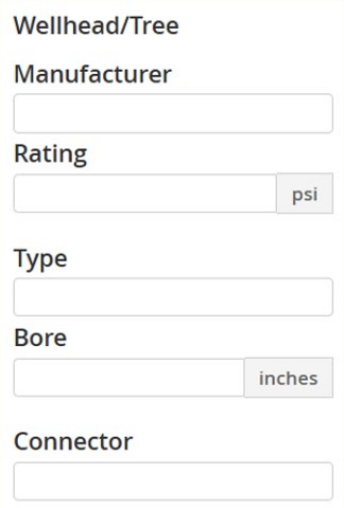
E&A Well 2

Year	Cost (£ millions)	Comments
2026	£ 15	£10m drill cost and £5m suspension cost
2027		
2028		
2029	£ 9	complete and abandon
2030		

Estimated cost of Abandonment	£ 9

3.2.3.3. Wellhead / Tree

The information is required to allow an understanding of legacy equipment on **subsea wells**, namely Christmas trees and wellheads.



Please enter information in the format detailed in ***blue*** below, to allow the recording of Christmas tree and wellhead equipment in isolation.
We have detailed example responses in ***green***.

Note: Apart from the pressure rating in psi and bore in inches, all fields are free text. If unsure whether to add text, please add it.

Wellhead/Tree information will now be copied forward into the survey next year.

Manufacturer: [TEXT]
State the original equipment manufacturer.

Christmas Tree OEM or N/A if no XT
Subsea Wellhead system or MLS system OEM
Christmas Tree pressure rating (psi) or N/A if no XT
Subsea Wellhead system or MLS system pressure rating (psi).

TechnipFMC
Innovex (if crossover write in format 'Baker Hughes x/o OneSubsea')
10000
15000

Rating: [WHOLE NUMBER]
State the original pressure rating in psi.

0 – Populate this field with zero. Please enter pressure rating in field above (Wellhead/Tree).

0

Type: [TEXT]
State the Christmas tree and wellhead type.

Christmas Tree type or N/A if no XT
Subsea Wellhead system or MLS system type

Horizontal
SS-10 (if crossover write in format 'SG-5 x/o STM-18')

Bore: [DECIMAL NUMBER]
State the Christmas Tree bore size (inches). Please enter the largest bore size.

Christmas Tree bore size (inches) or 0 if no XT

5.0

Connector: [TEXT]
State the Christmas Tree re-entry interface profile, wellhead connector, Christmas Tree re-entry interface size (inches), and wellhead size (inches).

Christmas Tree re-entry interface size (inches)
Subsea Wellhead size or conductor size if MLS system (inches)
Christmas Tree re-entry interface profile or N/A if no XT
Subsea Wellhead connector profile or conductor condition if MLS system i.e. rig cut, etc.

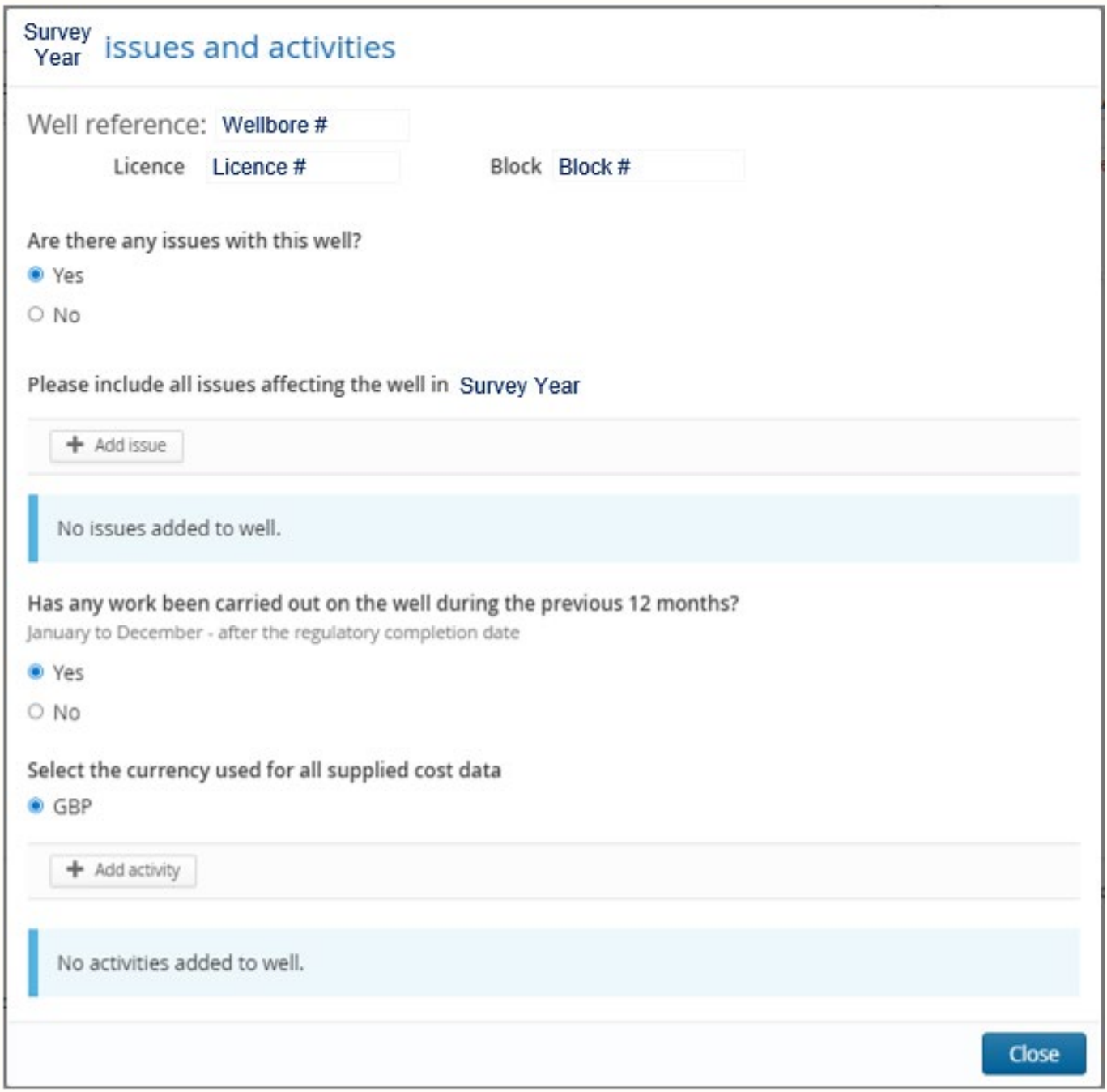
18-3/4
13-5/8
Cameron Hub
H4

3.2.4. Issues and Activities

If 'Yes' is selected for either
'Are there any issues with this well?'
or 'Has any work been carried out on the well during the previous 12 months?
then the 'issues and activities' data request will appear.

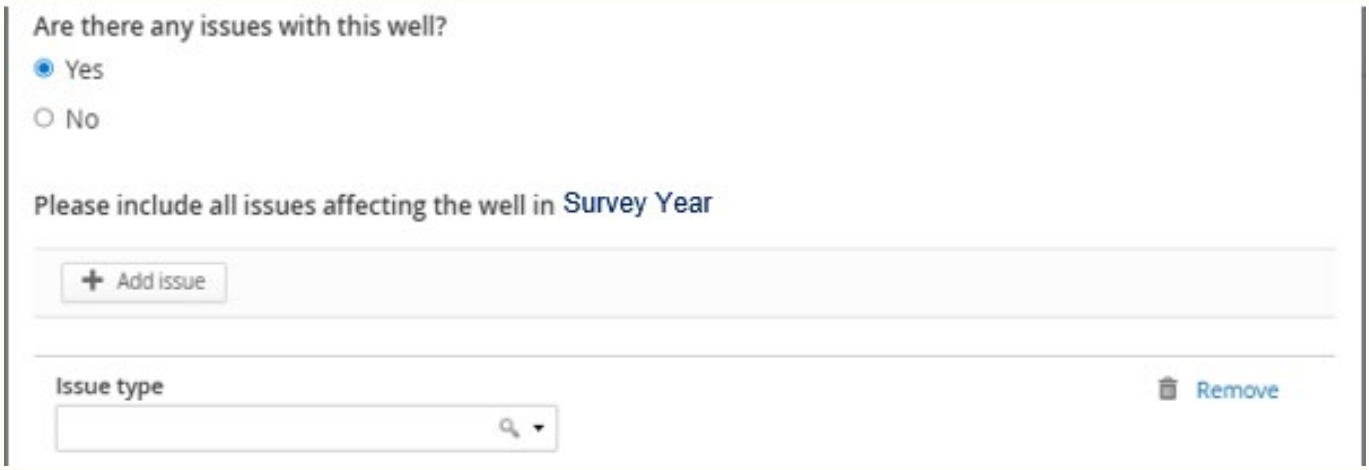
Open the 'issues and activities form' by clicking on the 

icon, the Well reference and associated Licence number and Block number are automatically populated.


Survey Year
issues and activities
Well reference: Wellbore #
Licence Licence #
Block Block #
Are there any issues with this well?
Yes
No
Please include all issues affecting the well in Survey Year
Add issue
No issues added to well.
Has any work been carried out on the well during the previous 12 months?
January to December - after the regulatory completion date
Yes
No
Select the currency used for all supplied cost data
GBP
Add activity
No activities added to well.
Close

3.2.4.1. Issues

Use the + Add issue icon to input the Issue type and sub-type when applicable (reference the table below listing the possible issue types and sub-types).



Note: You can add multiple issues by selecting '+ Add issue'.

The table below details the issues types and their subtypes that can be selected:

Issue Type	Issue Subtype
Downhole Deposits	• Sand • Salt • Scale • Wax • Unknown.
Field awaiting CoP	N/A
Mechanical downhole access issues	N/A
Reservoir pressure	N/A
Well integrity	• Wellhead • Annulus Communication • Fluids (H2S, CO2) • Sustained Casing Pressure.

3.2.4.2. Issues – Further details

Downhole deposits

Issues affecting the actual versus expected productivity of a well directly related to:

- Sand
- Salt
- Scale
- Wax
- Unknown

Field awaiting CoP

Active wells (reference WONS guidance) where there are no economic intervention options due to upcoming CoP.

Note: Inactive wells or post CoP wells should be suspended rather than shut-in.

Mechanical downhole access issues

Issues (which are not Sand and Scale, as above issues) with respect to "lack of mechanical downhole access". Examples could be (but are not limited to):

- Junk/Fish.
- Tubing collapse/ parted.
- Liner/Casing collapse.

Reservoir Pressure

Issues affecting the actual versus expected productivity of a well directly related to reservoir pressure. Examples could be (but are not limited to);

- Low reservoir pressure vs. forecast limit production.

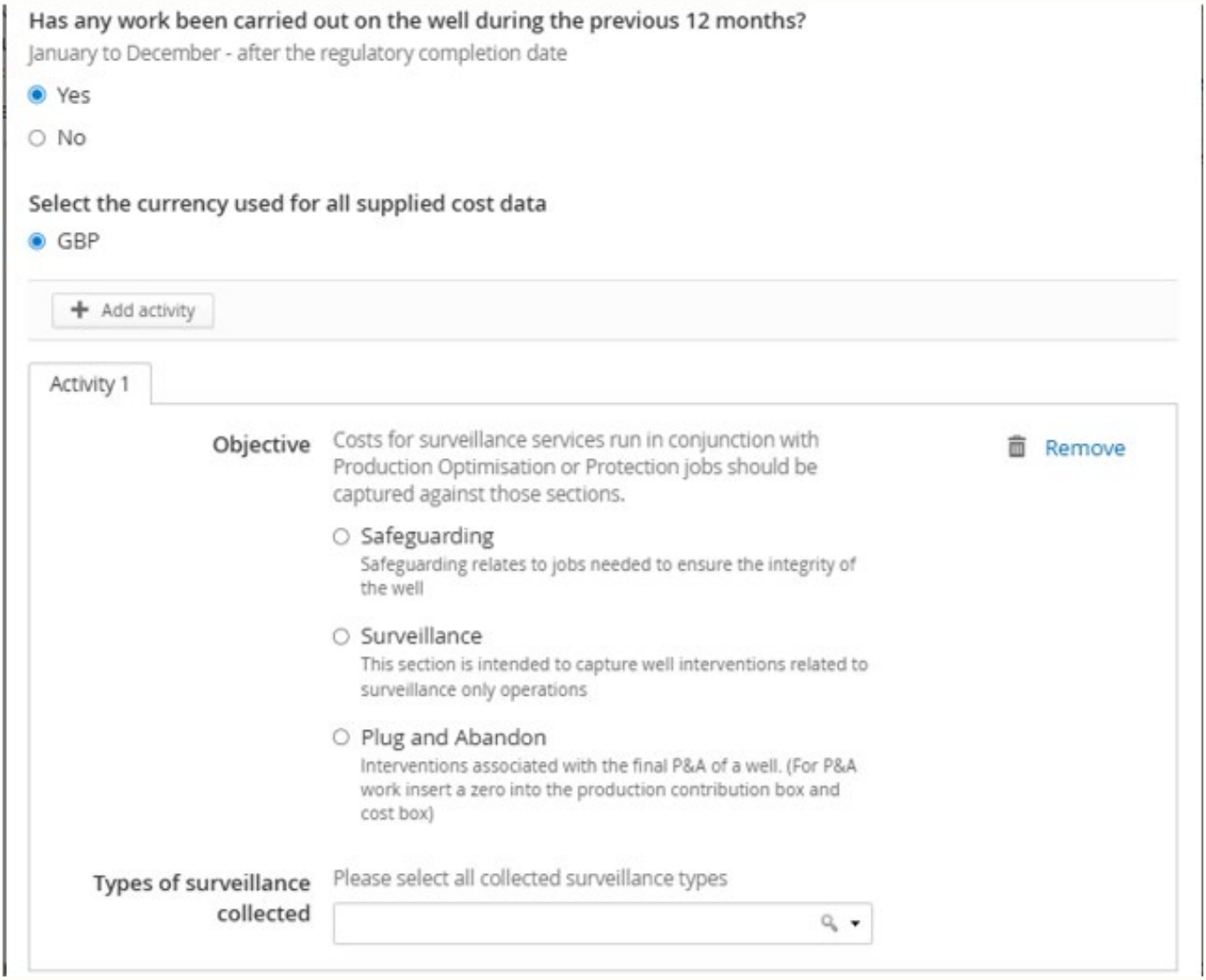
Well Integrity

Issues affecting the actual versus expected productivity of a well directly related to well integrity. Examples could be (but are not limited to);

- Failure of downhole safety valve
- Tubing to annulus communication
- Sustained casing pressure
- Wellhead valve failure.
- Failure of tubing/casing hanger seals.

3.2.4.3. Activities

Use the + Add activity icon to input details about activity carried out on the well during the previous 12 months.



You can add multiple activities by selecting '+ Add Activity'.

You can no longer provide costs in USD. A warning will be raised when costs were added in USD in the previous survey year. Please ensure these are converted to GBP.

The options for the 'Types of surveillance collected' are:

- Static pressure gauges
- Cased hole formation testing e.g. MDT
- Inflow profile log e.g. PLT
- Reservoir saturation log e.g. RST
- Temperature log
- Gaslift performance e.g. static and flowing gradient surveys
- Noise log

- Downhole PVT samples
- Downhole video
- HUD measurement
- Corrosion and wall thickness e.g. USIT
- Cased hole multifinger caliper
- Cement evaluation
- Visual inspection (Surveillance objective only).

3.2.4.3.1. Activity – Safeguarding

Safeguarding relates to jobs needed to keep the well producing.

The following data is requested:

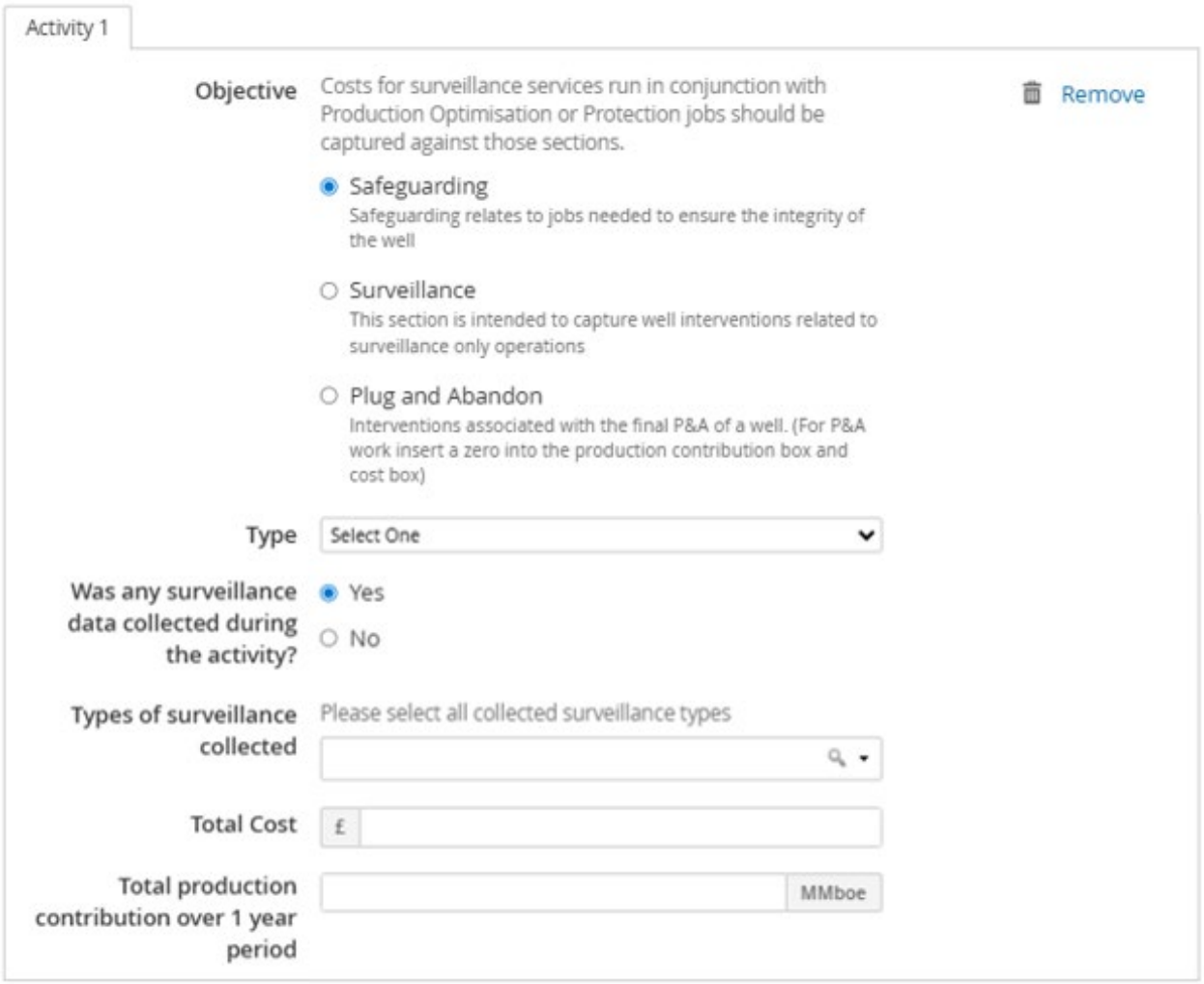
- Type (of activity)
- Was any surveillance data collected during the activity?
  If 'Yes', then detail the 'Types of surveillance collected' (select all that apply)
- Total cost
- Total production over 1 year period.
  Note: The total contribution should be per activity. If a well has more than one activity, then it is possible that the total contribution reported per well is more the actual increase in production. The contribution should be annualised.

Options for Safeguarding 'Type' are:

- Scale squeezes
- Foam lifting repair / maintenance (batch and continuous foam)
- Regular water washes and other regular solvent treatments
  Note: If selected, then the 'number of washes performed' must be stated.
- Tubing clean outs e.g. CT, tractor, bailing, sand / wax / scale / asphaltene / other deposits removal / cutting / scraping.

For the data request 'Total production over 1 year period':

- The total contribution should be per activity. If a well has more than one activity, then it is possible that the total contribution reported per well is more the actual increase in production. The contribution should be annualised.
- Where contribution is low but more than zero, please report as 0.001.
- To capture the amount of additional production gained from Water injector wells, please add the increased production volume of the associated producers in the 'Total contribution over 1 year period' box. The smallest contribution should be reported to 3 decimal places e.g. 0.001.

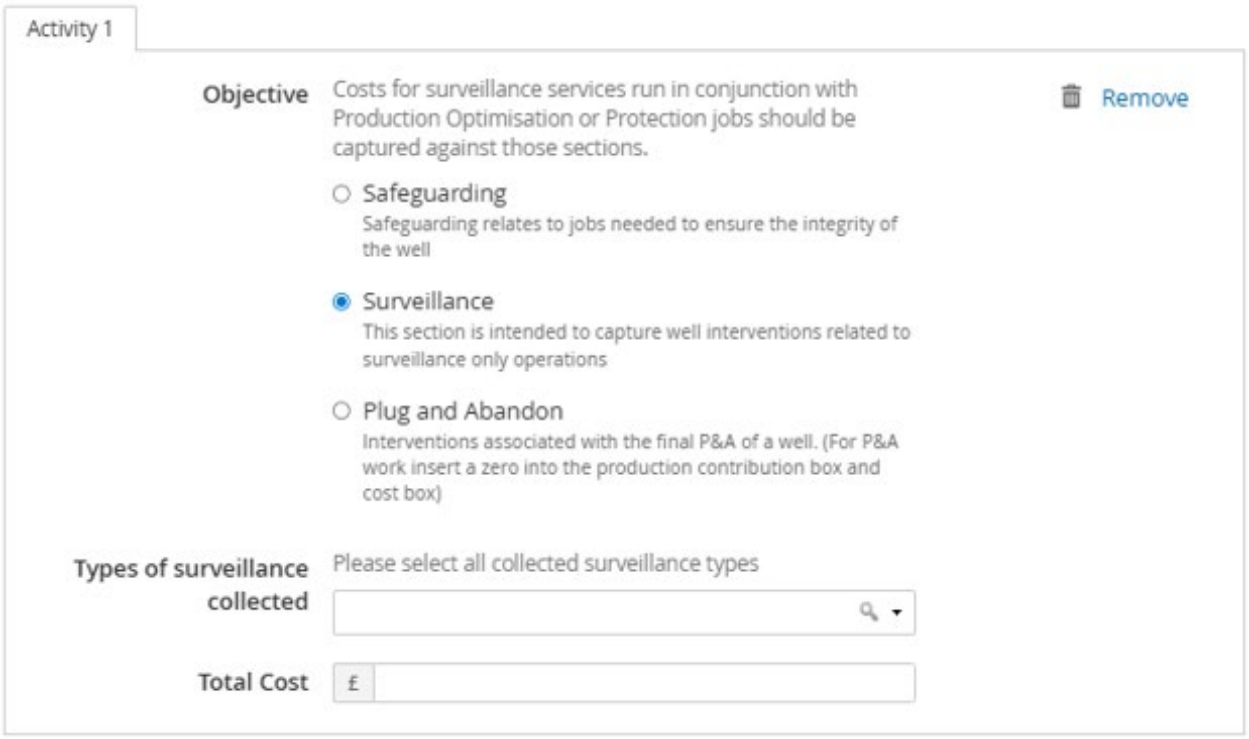

Activity 1
Objective
Costs for surveillance services run in conjunction with Production Optimisation or Protection jobs should be captured against those sections.
Remove
Safeguarding
Safeguarding relates to jobs needed to ensure the integrity of the well
Surveillance
This section is intended to capture well interventions related to surveillance only operations
Plug and Abandon
Interventions associated with the final P&A of a well. (For P&A work insert a zero into the production contribution box and cost box)
Type
Select One
Was any surveillance data collected during the activity?
Yes
No
Types of surveillance collected
Please select all collected surveillance types
Total Cost
£
Total production contribution over 1 year period
MMboe

3.2.4.3.2. Activity – Surveillance

The Surveillance objective is intended to capture well interventions related to surveillance only operations.

The following data is requested:

- Types of surveillance collected
- Total cost

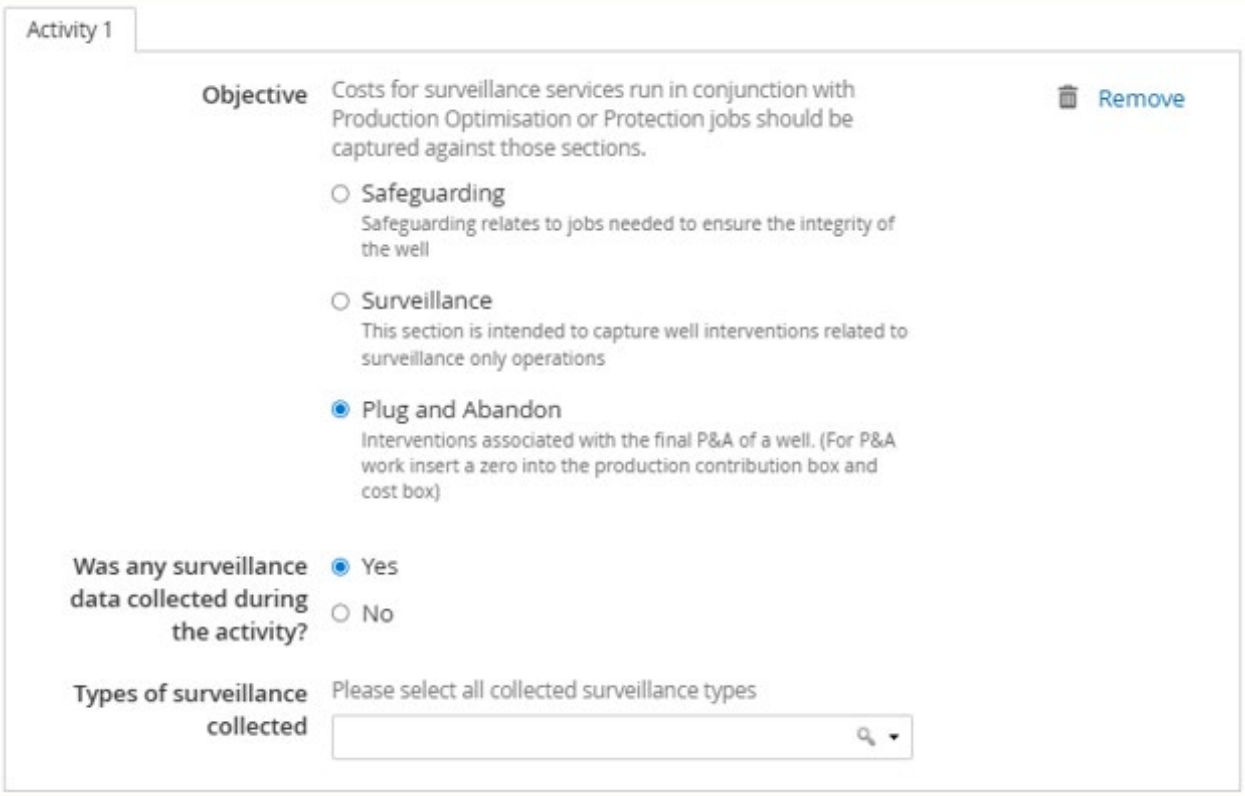


3.2.4.3.3. Activity – Plug and Abandon

The Plug and Abandon objective is for recording interventions associated with the final P&A of a well.

The following data is requested:

- Was any surveillance data collected during the activity?
  If 'Yes', then detail the 'Types of surveillance collected' (select all that apply).



3.3 NEW EXPLORATION AND APPRAISAL WELLS

Any new well on which activity was completed during, Jan to Dec, should appear in this section. The survey selects wells based on the regulatory completion date. The regulatory completion date is the date construction operations were completed on the well whether or not a completion string was run. The definition is:

> This is the date on which the construction was completed (including immediate P&A if appropriate). The date a well is left in one of three mechanical states following drilling:
>
> - Completed for Production (either Operating or shut-in) - the date that perforation and setting of tubing and packers is finished and the well is ready to produce.
> - Abandoned (AB3) - the date that the well bore, on completion of operations, is left in such a condition that the open hole is plugged and sealed such that it may not be re-entered (in general this will involve the cutting and retrieval of casing strings, removal of all drilling mud and similar fluids, and permanent sealing of the wellhead with no components remaining at surface).
> - AB1 or AB2 (operations on wellbore finished).

If any wells are missing, then please check that the regulatory completion date is correctly populated in WONS.

If there are no wells which qualify automatically for data collection on this page,
then Wells can be added manually by clicking the 'Add well' button on the 'Existing Exploration and Appraisal wells' page.

4. CHECKLIST

Below are the 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.

FIELDS

Existing development wells

- For each wellbore check:
- The status given in the survey matched the status in WONS.
- Other data looks reasonable e.g. Date TD reached is after spud date.
- Missing data fields should be asked for. All missing data in the ‘Details’ section will now prevent submission of the section until fixed in WONS.
- Check issues and work sections make sense.
- Check all costs are in GBP not USD.

New development wells

- Check the costs are not given in thousands.

Development well lookahead

- Check if Drillex given in activity survey section. If there is Drillex, there should be new wells in lookahead.

LICENSES

- Check that no wells are development wells (i.e. online).
- Check all costs are in GBP not USD.

5. 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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