Oil & Gas Authority

Well Operations Notification System (WONS)

Operator Extended Guidance

Danny Stocker OGA

WONS Extended Guidance

1 Table of Contents

2 WONS

2.1 Energy Portal

The UK Oil Portal is a secure e-commerce system that allows companies to apply online for relevant consents and permits in order to operate in UK waters.

Companies can submit applications on a wide range of activities relating to Hydrocarbon Exploration, Production, Development, Decommissioning and the protection of the Environment.

Once an application is submitted, a company can then retrieve, view and track its progress online.

2.1.1 Basic Portal Controls

Once you are logged onto the Portal it is important that when navigating through the system you use the links and buttons provided. You must NOT use the browser 'Back' & 'Forward' buttons as this will result in you losing your Portal session.

When Logging into the Portal the first screen you will be taken to is your Workbasket

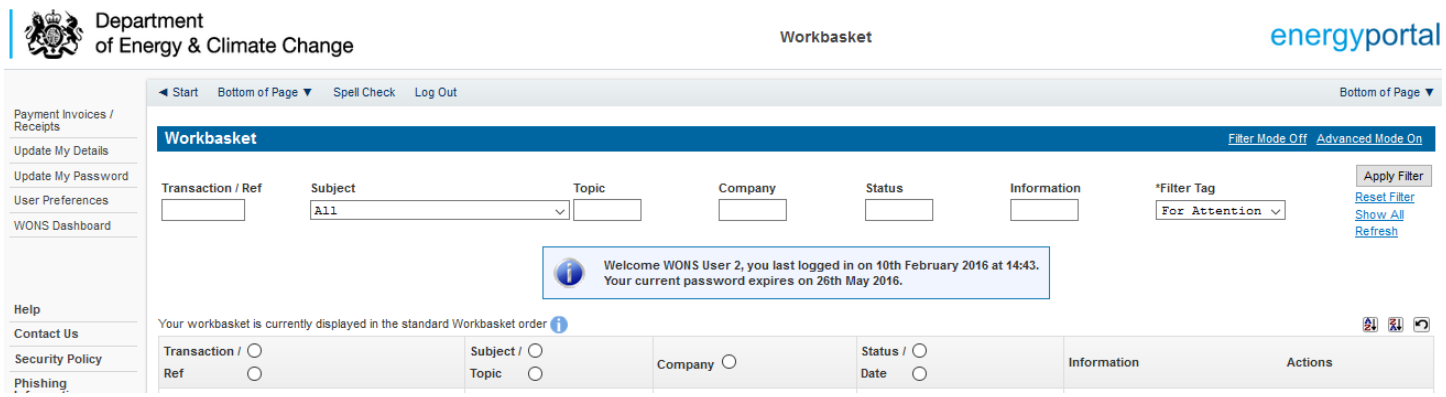
This screen displays all outstanding actions that are relevant to the user.
Access to your Portal Applications, are listed on the left hand menu

2.2 How to get access to WONS

To get access to WONS the team co-ordinator will have to add you to a team, see "View or Update Wellbore Teams" below, people who already have access to WONS will already be in a default team

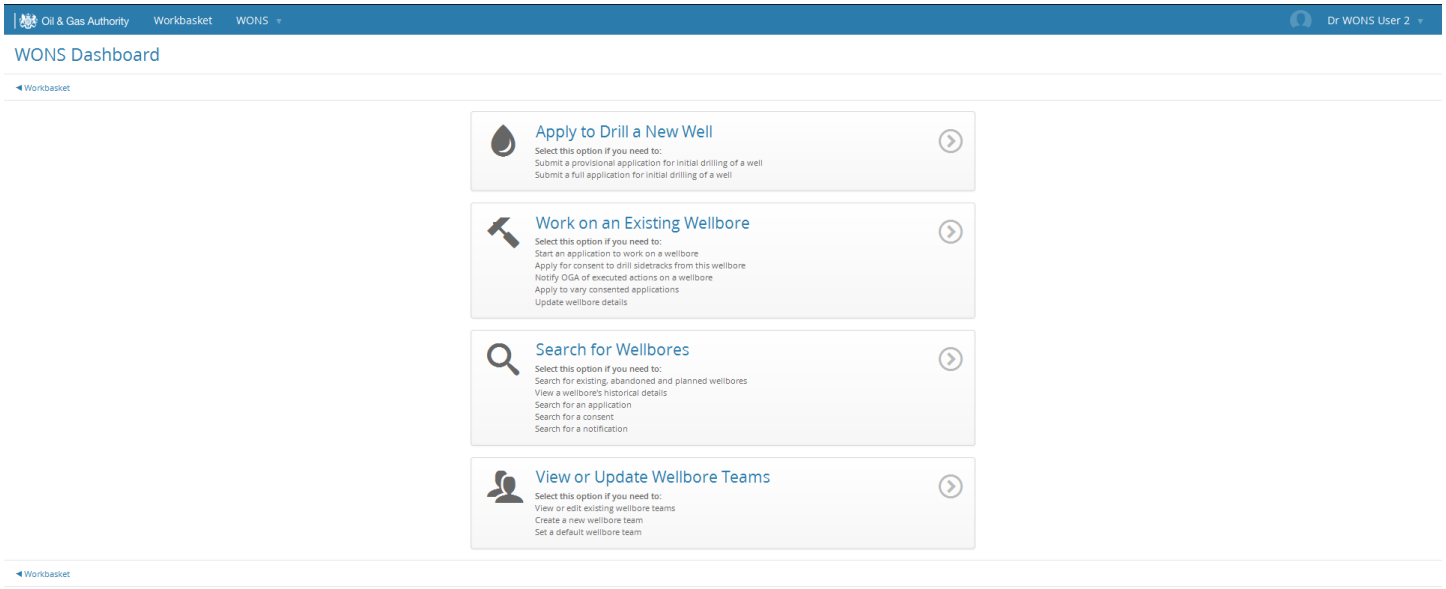
2.3 Starting WONS

In the left hand menu click on WONS dashboard

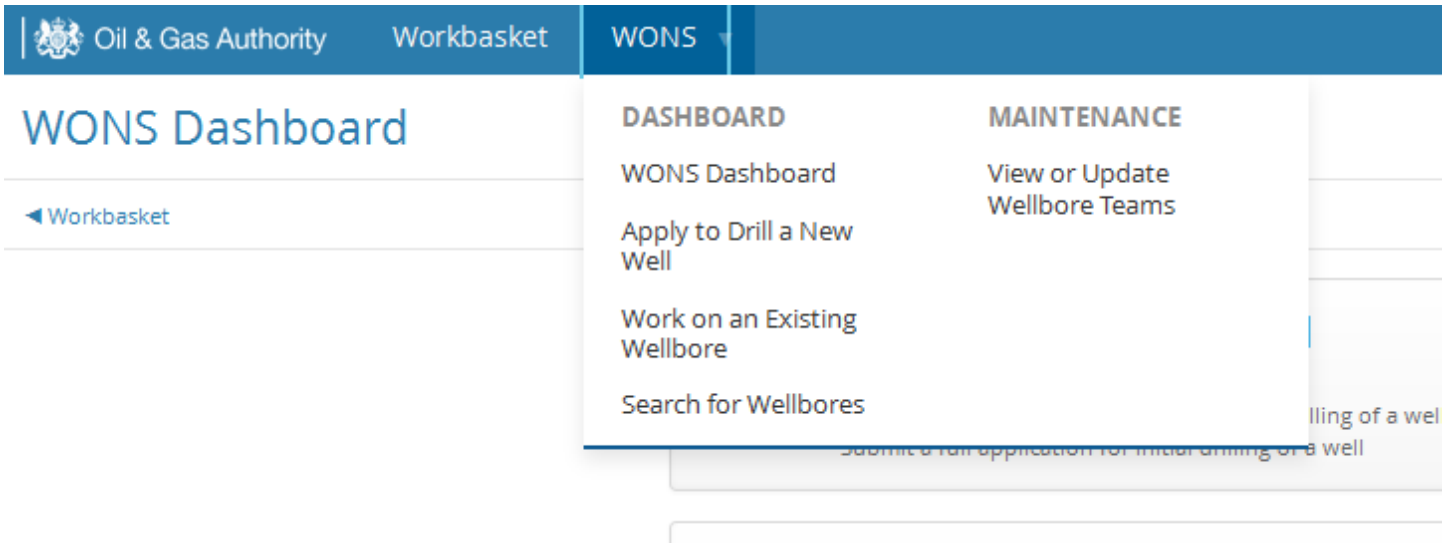


This will take you to the dashboard

3 WONS Dashboard



These options can also be found at the top of each page



3.1 Available Options

Here you will have 4 options to choose from:

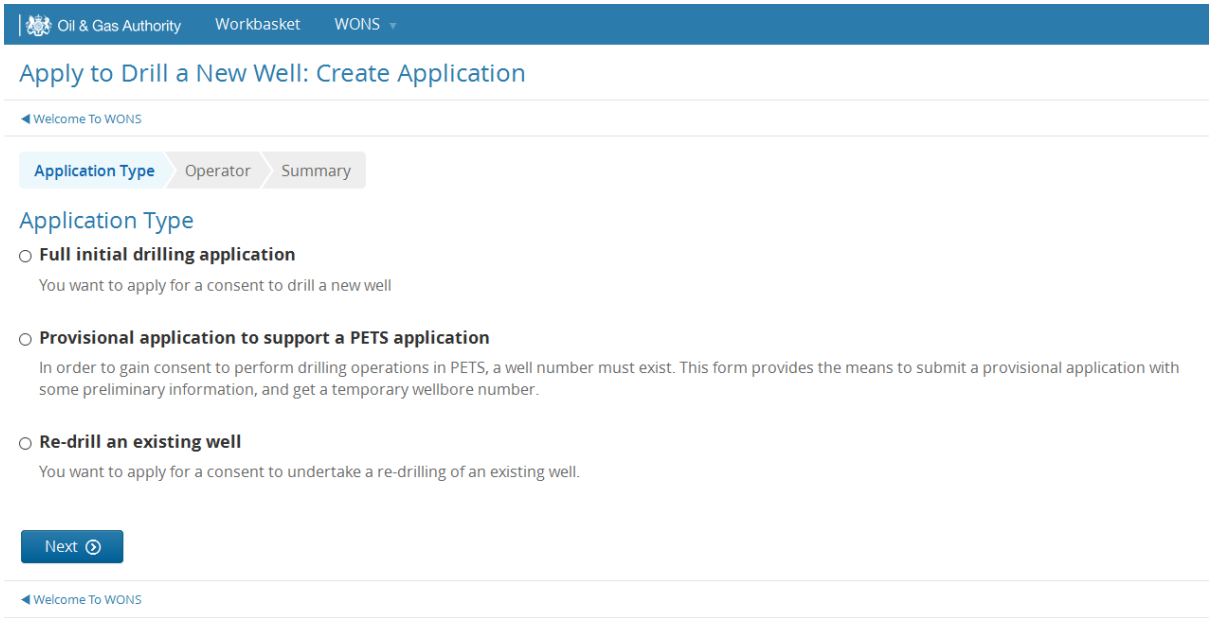
1. Apply to Drill a New Well
2. Work on an existing wellbore
3. Search for wellbores
4. View or update wellbore teams

4 Apply to Drill a New Well

4.1 Choose Application Type

Pick either:

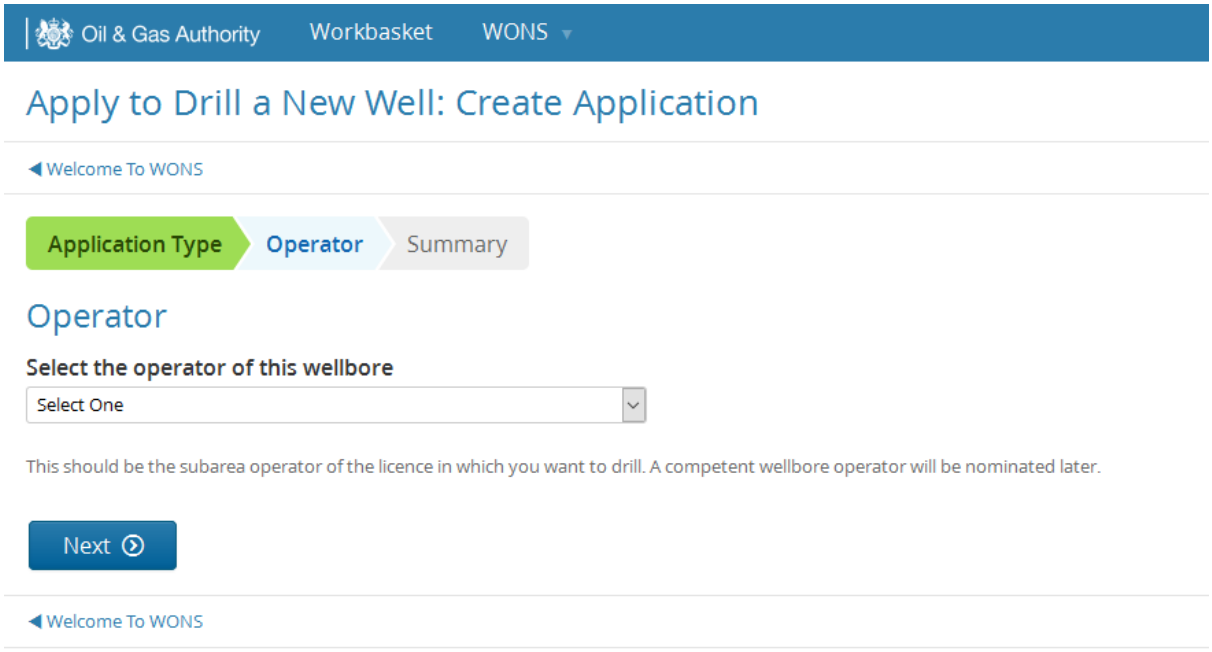
1. Full initial drilling application
2. Provisional applications to support a PETS application
3. Re-drill an existing well



5 Full Initial drilling application (IDA)

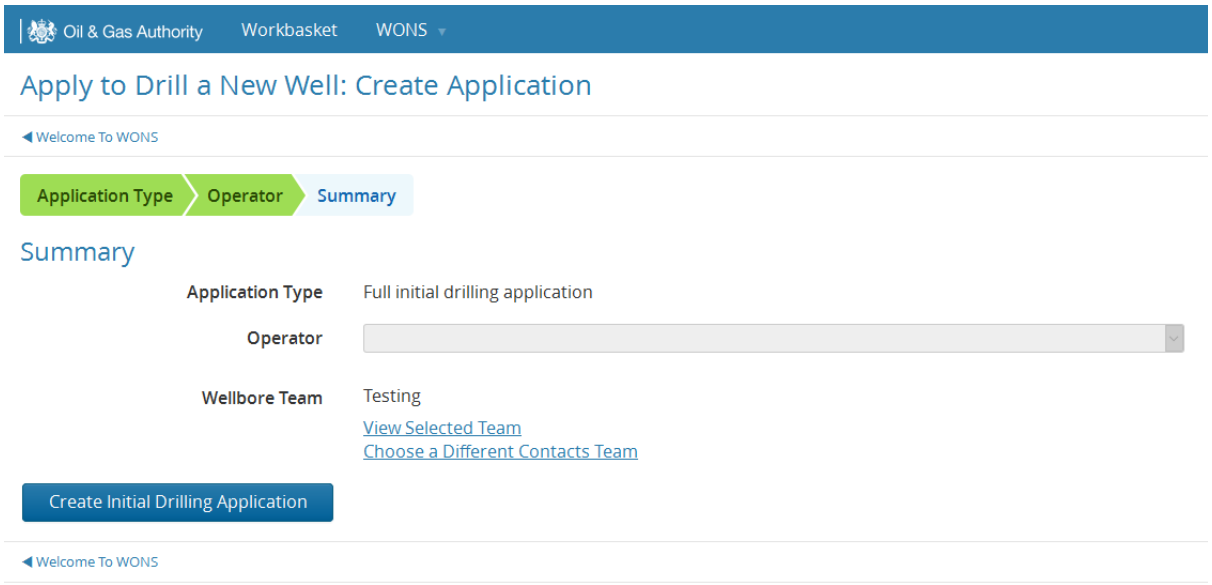
5.1 Choose Operator

Select the operator of the wellbore, the drop down list will display all companies in the same group



5.2 Choose Team

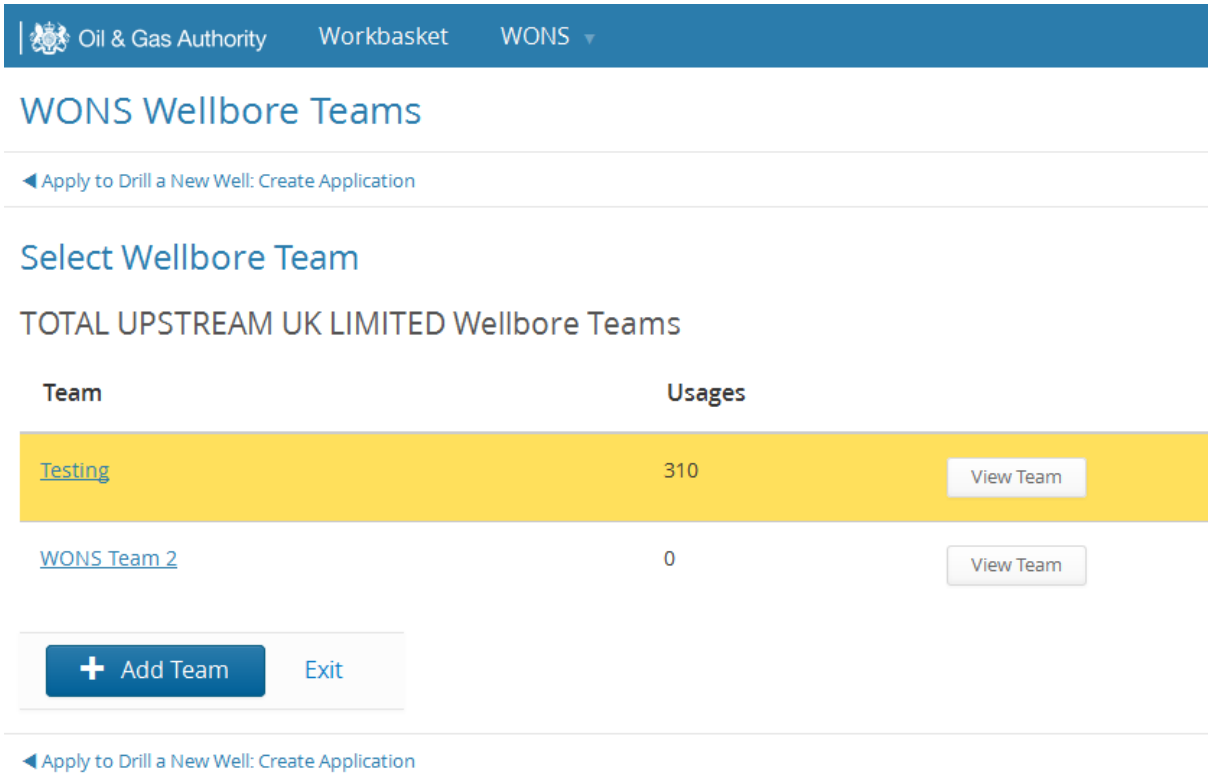
The next screen will allow you to pick the team of people who have access to this application, it will default to the team you have set up, see "View or Update Wellbore Teams" for more information



On this screen you can View the members of the current team and their access or select a different team to work on the application

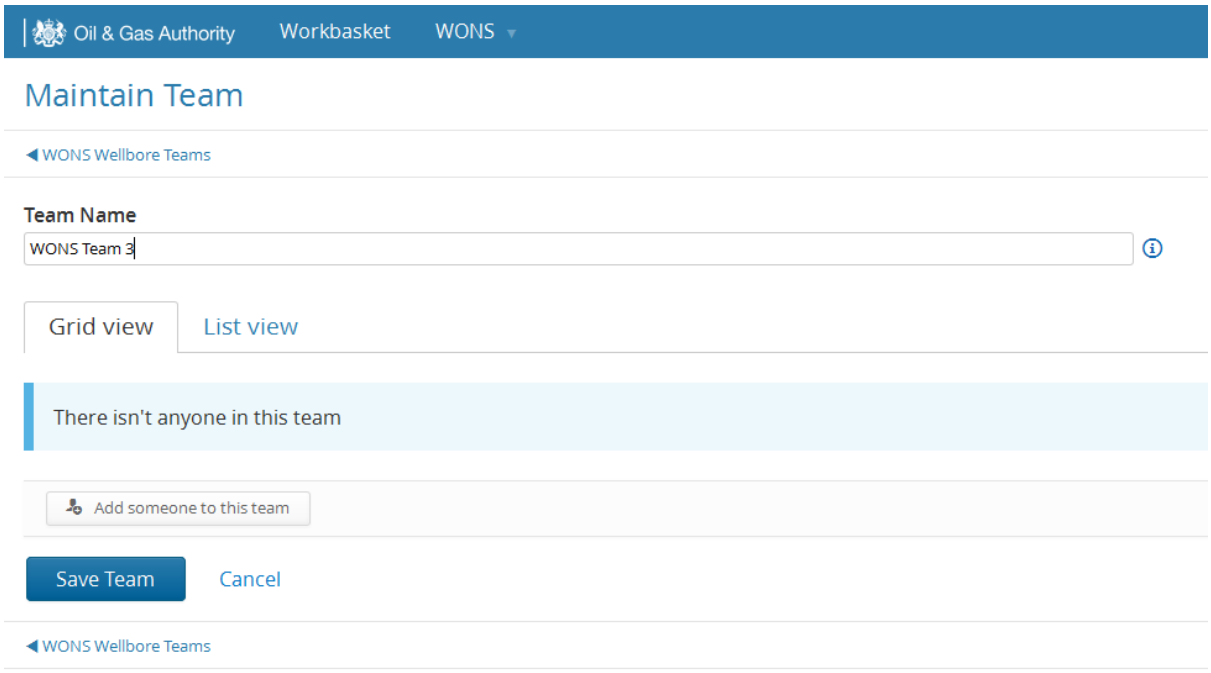
5.3 View Existing Teams

Click on “View Team” to view the members of that team and their access, see “View or Update Wellbore Teams” for more information

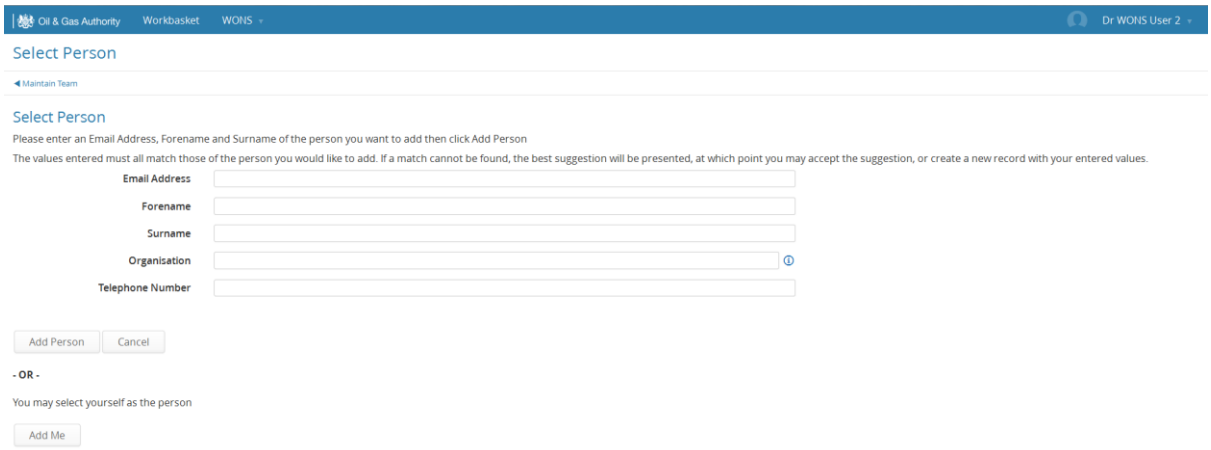


5.4 Adding people to an existing team or create a new team

Picking “Choose a Different Contacts Team” will allow you to view the available teams or add a new team

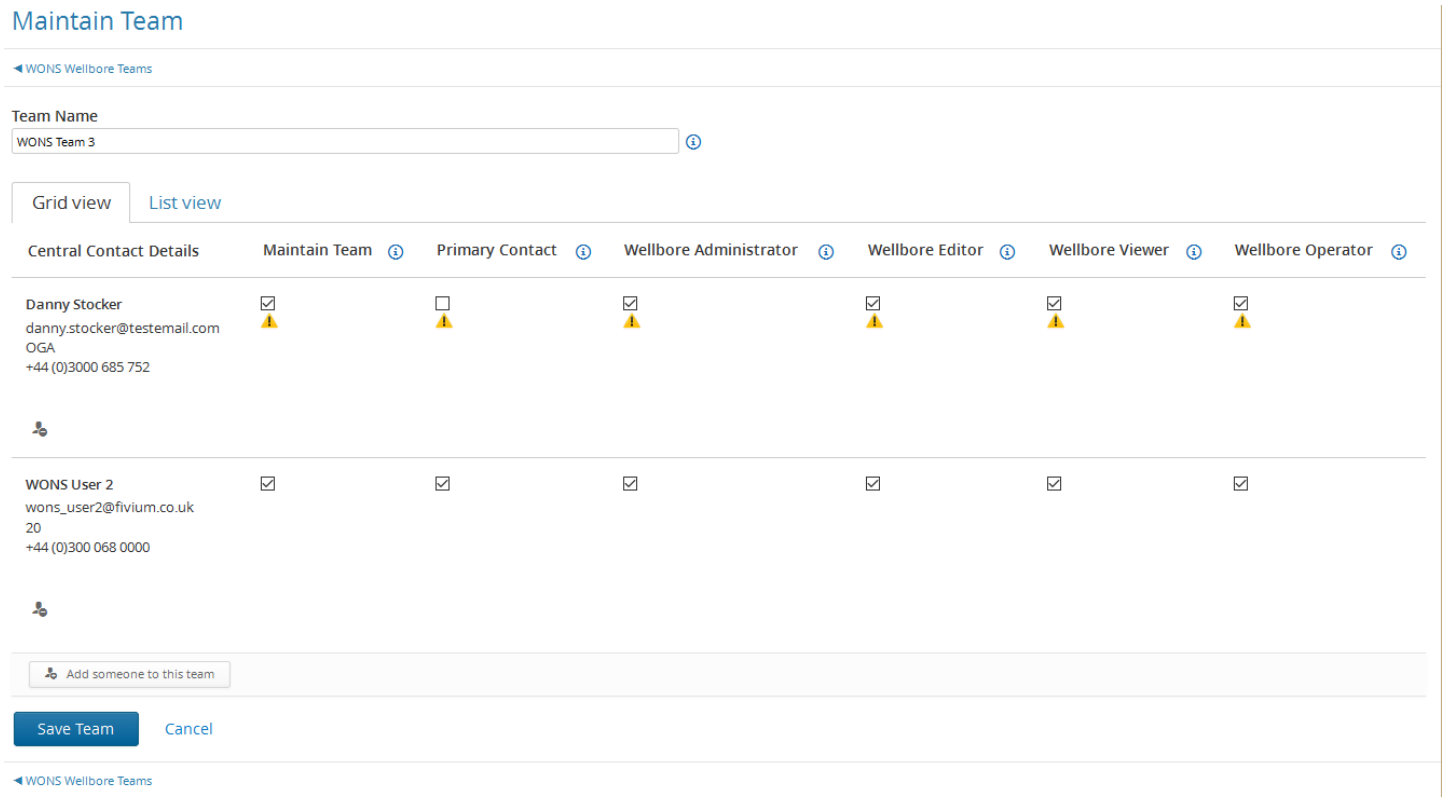


Enter the team name then click on “Add someone to this team”



Enter the details of the first person you wish in the team, N.B. You can add anyone but the person must have a portal account to access WONS, a yellow warning triangle will triangle will appear stating this (see below), see “How to get a Portal Account” above also the email address added must be the same as the person’s portal username

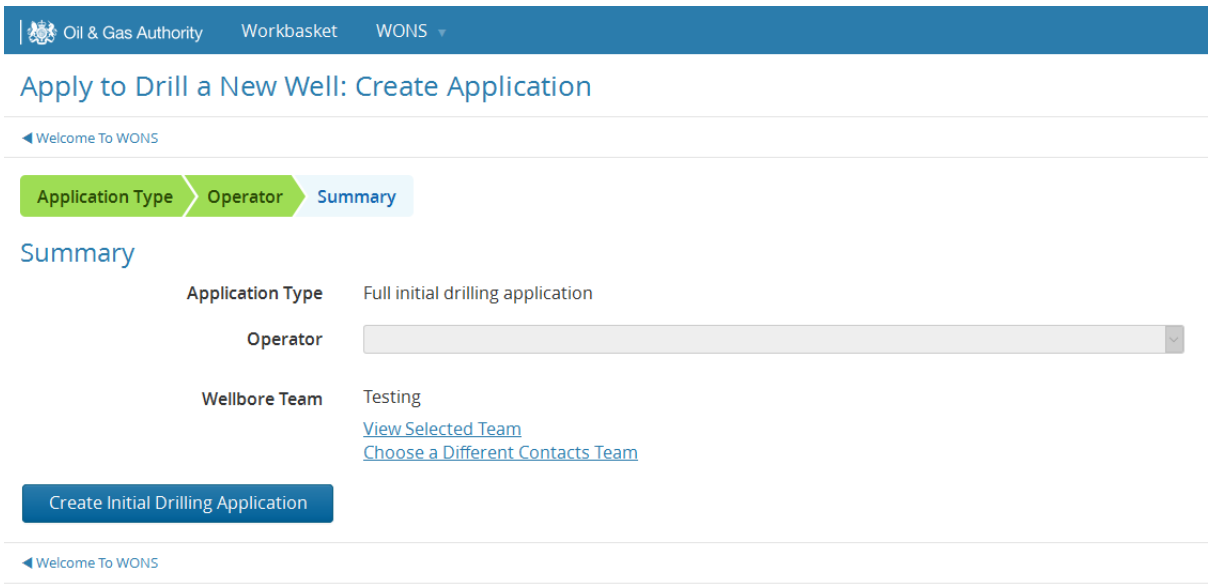
To add yourself click on the “Add Me” button, you will be taken to the access screen



Click on the required check boxes and then either add another person or click on “Save Team”

The different access types are described in “View or Update Wellbore Teams” below

Once your team has been set up click on “Create Initial Drilling Application”

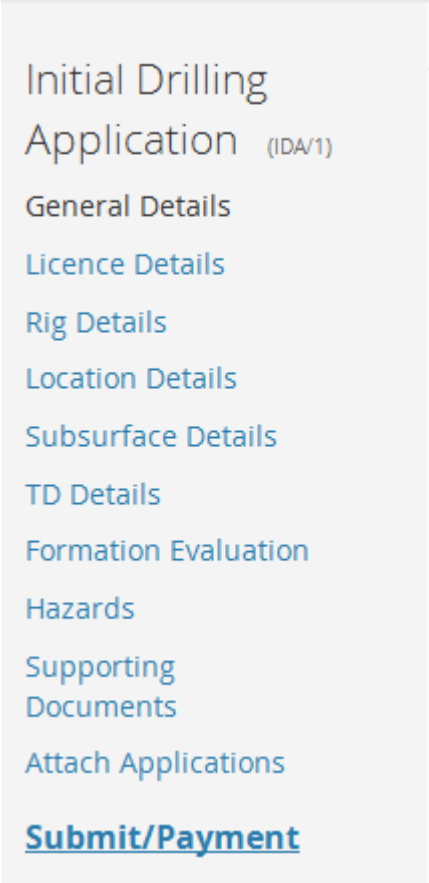


6 Full IDA data entry

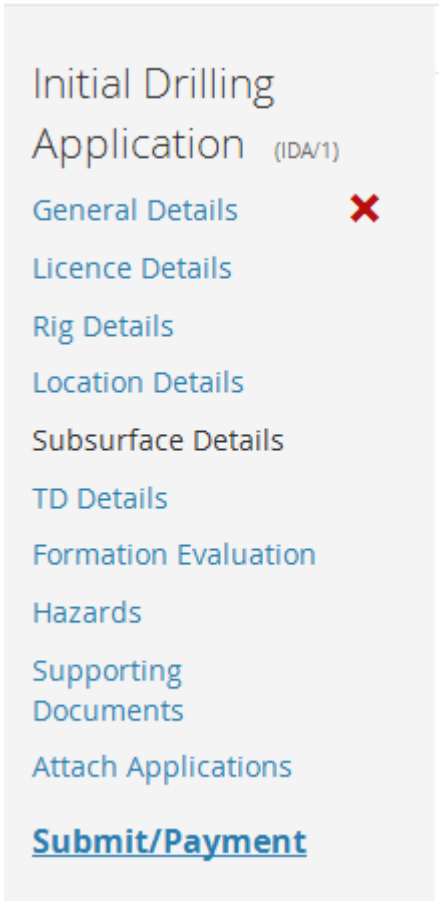
6.1 Introduction

Once in the system will assign a unique reference for the IDA, (this applies to all applications and notifications)

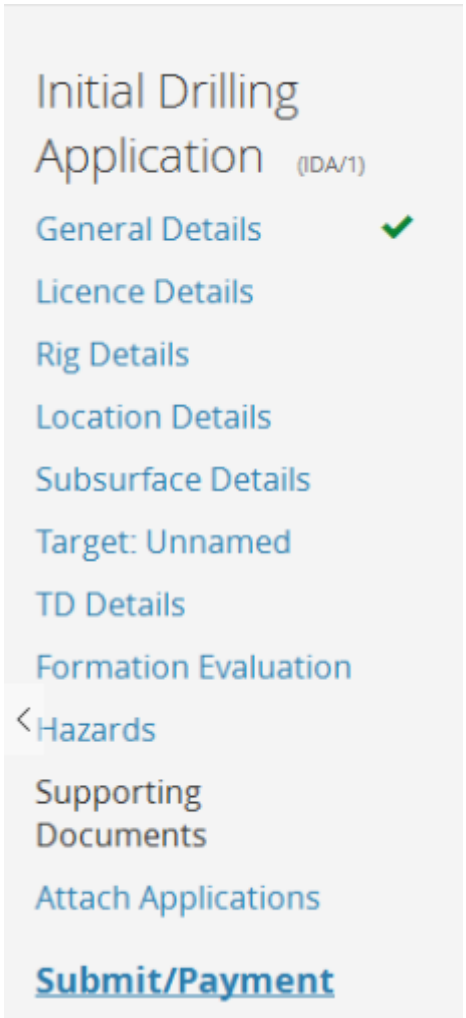
On the left hand side you can see the data categories that need to be entered, the section that is in grey is the section you are currently in



You can enter the data in any order, but if the section you have just left is unfinished or has incorrect entries a red cross will appear



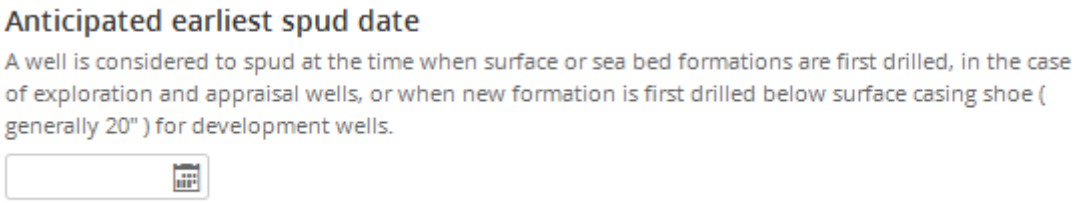
If the details in the in the section are correct a green cross will appear



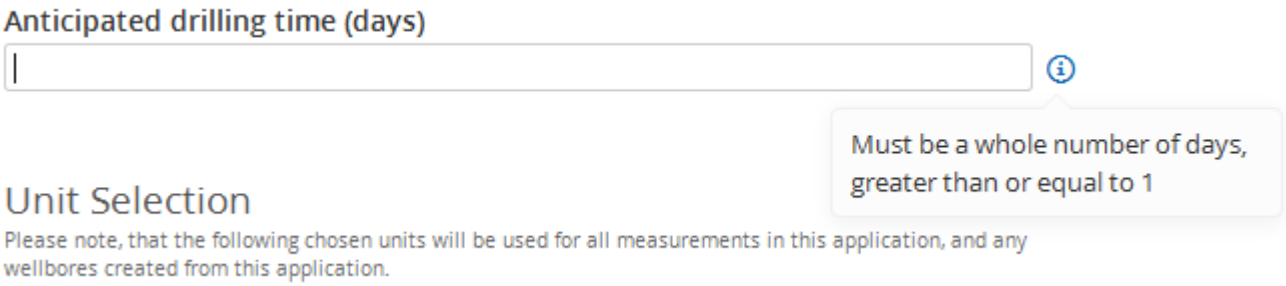
The following pages display the data entry screens, the new system is designed to be intuitive, this guidance will only highlight certain data types that it is felt needs more explanation

Each data item is mandatory unless specifically stated

Some fields will have a description on the page



Some fields a tool tip will pop up once the field is entered



6.2 General Details

◀ Workbasket

General Details

Primary wellbore intent

- (•) Exploration
- ( ) Appraisal
- ( ) Development
- ( ) Carbon capture & storage

Competent operator

Regulatory jurisdiction

- ( ) Seaward
- ( ) Landward

Will this wellbore have a subsea wellhead?

- (•) Yes
- ( ) No

Planned wellbore trajectory

- ( ) Vertical
- ( ) Deviated
- (•) Horizontal

Anticipated earliest spud date

A well is considered to spud at the time when surface or sea bed formations are first drilled, in the case of exploration and appraisal wells, or when new formation is first drilled below surface casing shoe (generally 20") for development wells.

◀ Workbasket

General Details

Primary wellbore intent

- (•) Exploration
- ( ) Appraisal
- ( ) Development
- ( ) Carbon capture & storage

Competent operator

Regulatory jurisdiction

- ( ) Seaward
- ( ) Landward

Will this wellbore have a subsea wellhead?

- (•) Yes
- ( ) No

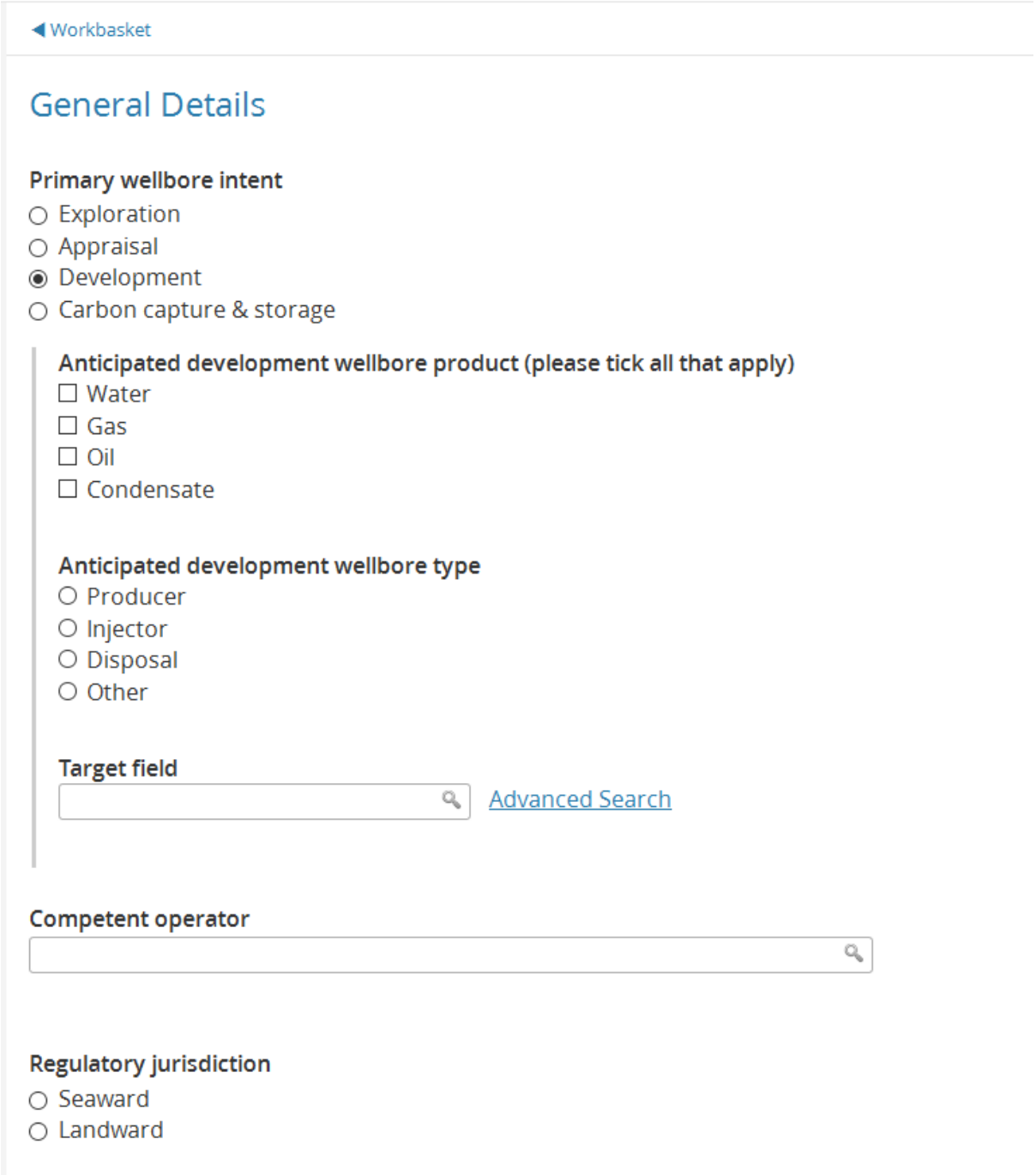
Planned wellbore trajectory

- ( ) Vertical
- ( ) Deviated
- (•) Horizontal

Anticipated earliest spud date

A well is considered to spud at the time when surface or sea bed formations are first drilled, in the case of exploration and appraisal wells, or when new formation is first drilled below surface casing shoe (generally 20") for development wells.

Selecting certain fields will expand the screen to include additional details, here is a screen shot of a development wells, the extra details will appear slightly indented



◀ Workbasket

General Details

Primary wellbore intent

- ○ Exploration
- ○ Appraisal
- ○ Development
- ◉ Carbon capture & storage

> **Anticipated CO_2 storage wellbore type**
> - ○ Injection
> - ○ Monitoring
> - ○ Water production

Competent operator

Regulatory jurisdiction

- ○ Seaward
- ○ Landward

Will this wellbore have a subsea wellhead?

- ◉ Yes
- ○ No

Planned wellbore trajectory

- ○ Vertical
- ○ Deviated
- ◉ Horizontal

Anticipated latest completion date

Any work carried out in a well in preparation for future use as part of a field development is considered as well completion activity. In most cases the plan to complete the well will have formed part of a formal Field Development Plan which will have received consent from the OGA.

Anticipated drilling time (days)

Unit Selection

Please note, that the following chosen units will be used for all measurements in this application, and any wellbores created from this application.

Depth units

- ○ Feet
- ○ Metres

Pressure units

- ○ Bar
- ○ PSI

Temperature units

- ○ Celsius
- ○ Farenheit

Mud weight units

- ○ ppg
- ○ Specific Gravity

Casing 1

Remove casing

Hole diameter

Select One

Mud type

Select One

Casing description

Select One

Casing diameter

Select One

Top liner

MD

The distance along the wellbore to the horizon intersection point.

TVDSS

The vertical distance between mean sea level and the horizon level

Shoe

MD

The distance along the wellbore to the horizon intersection point.

TVDSS

The vertical distance between mean sea level and the horizon level

Shoe formation

+ Add Casing

Wellbore primary target identifying letter(s)

Operator well name

optional

The operator's own wellbore reference

Wellbore synopsis

A brief text describing the objectives of the well, the key uncertainties, including likelihood of oil or gas, and issues relating to the target, the planned contingent programme (if any), and the rationale for the evaluation programme. For obligation wells it should be stated clearly that this programme is in accordance with the licence obligation.

Additional key information to be included in application

optional

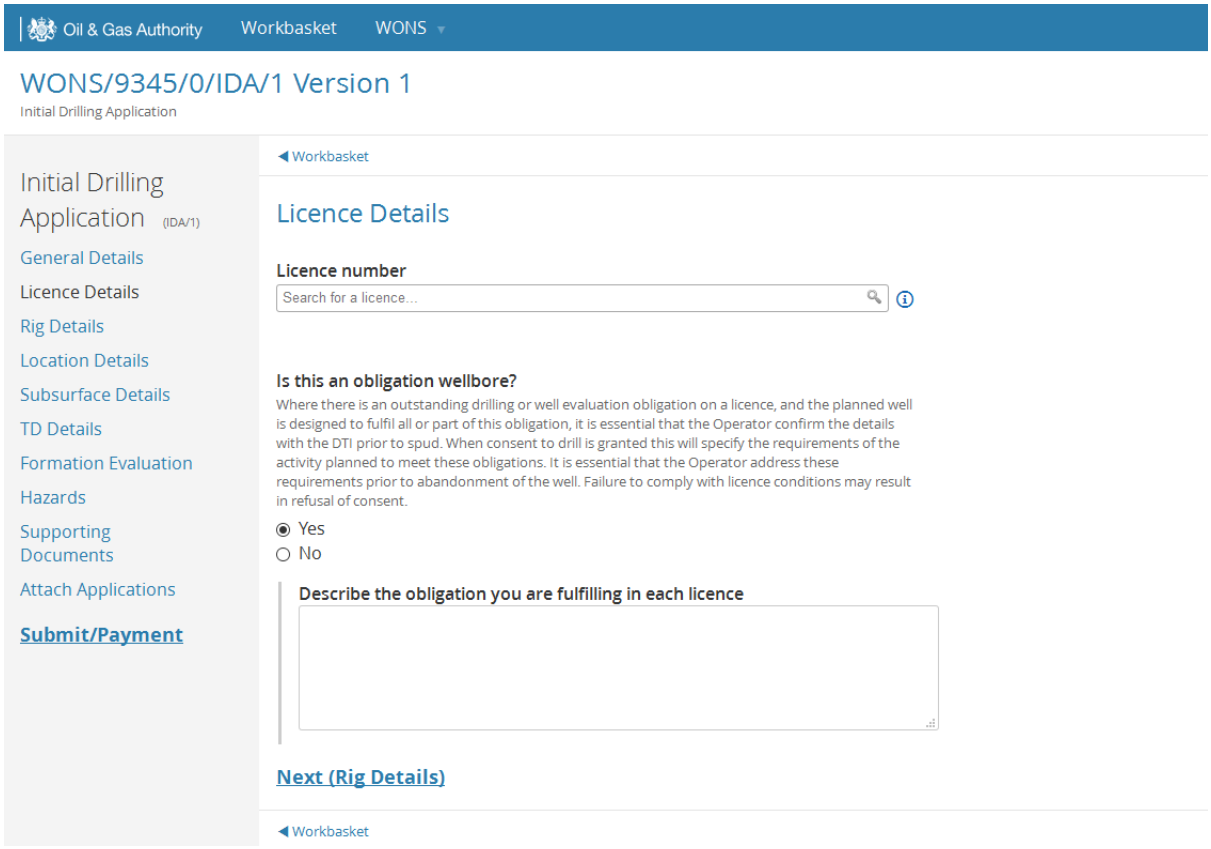
Projected dry hole approval for expenditure cost (million pounds)

Projected success case approval for expenditure cost (million pounds)

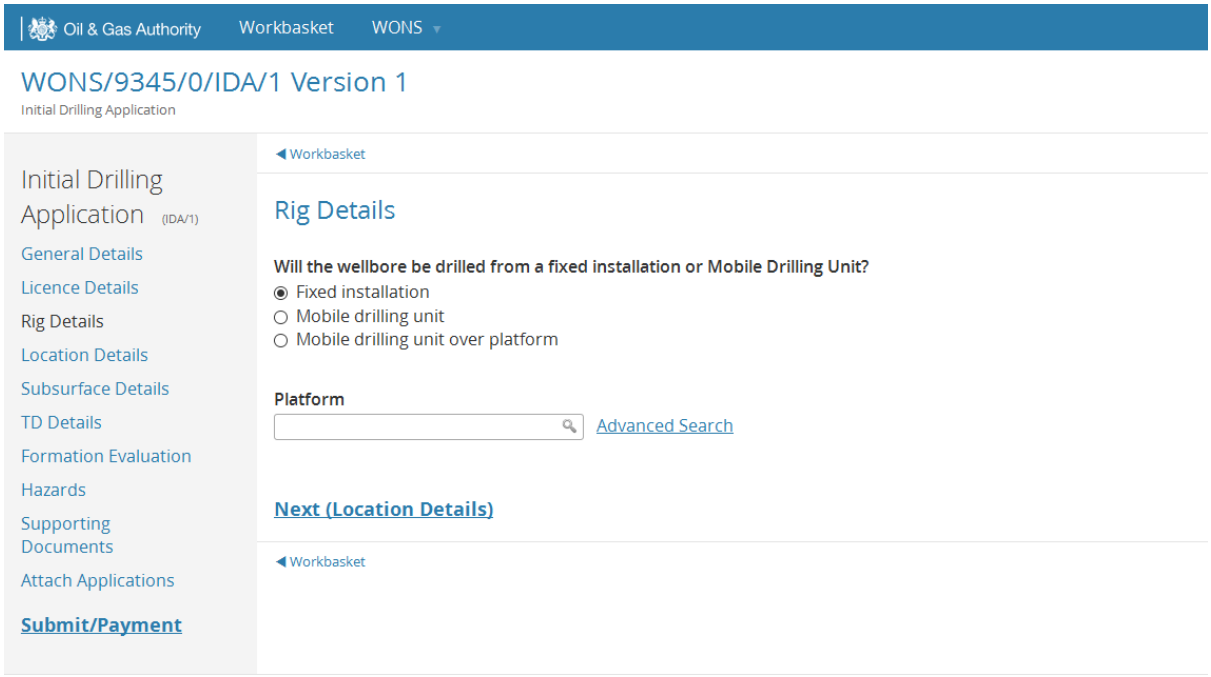
Projected cost of full wellbore abandonment (million pounds)

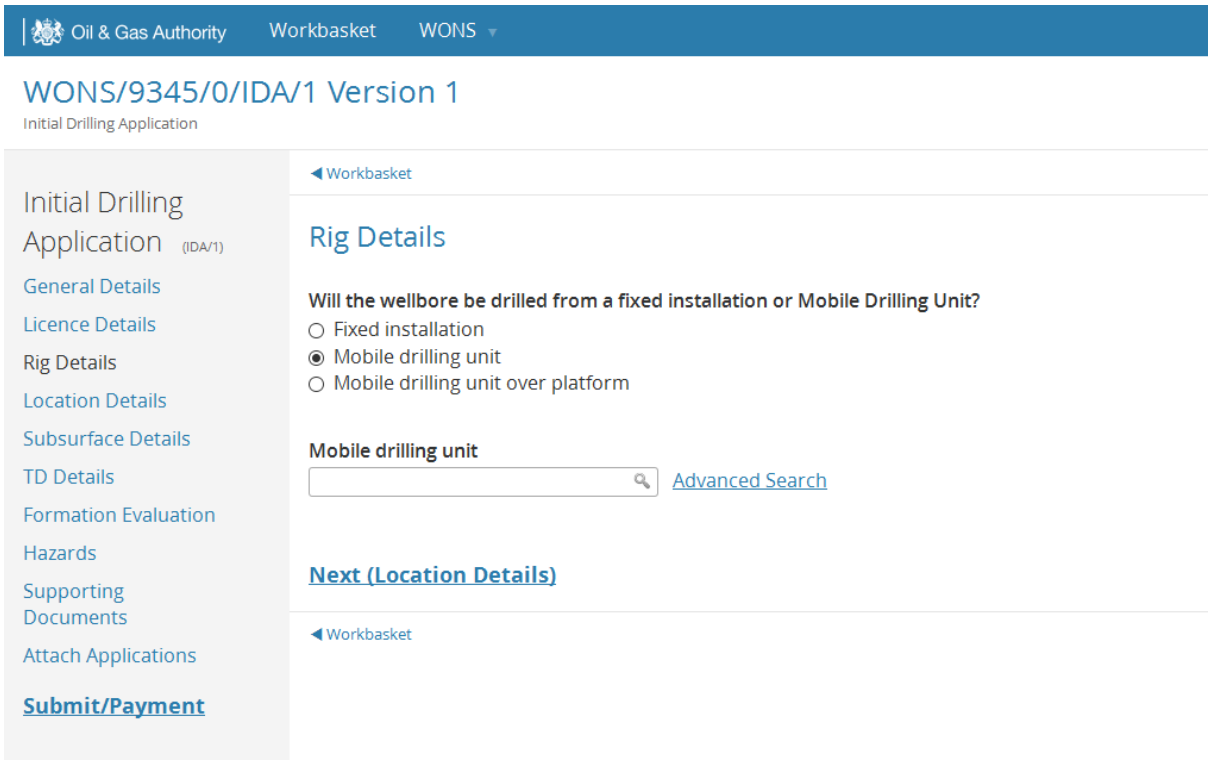
Next (Licence Details)

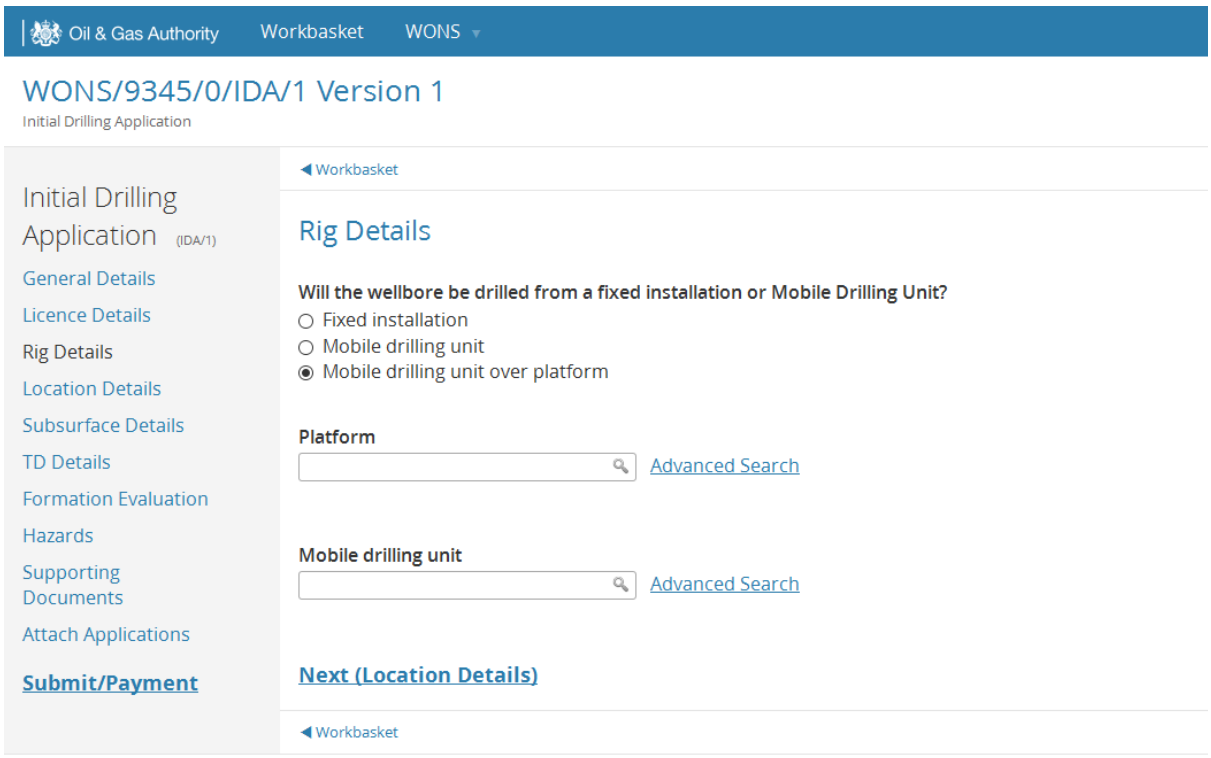
6.3 Licence Details

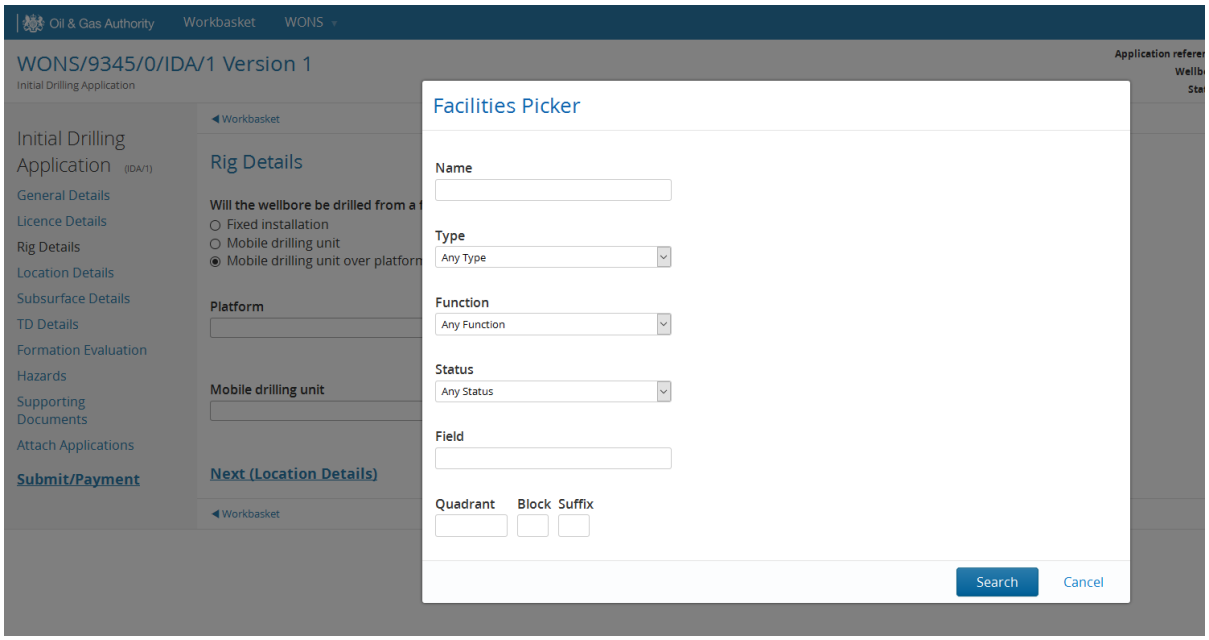


6.4 Rig Details

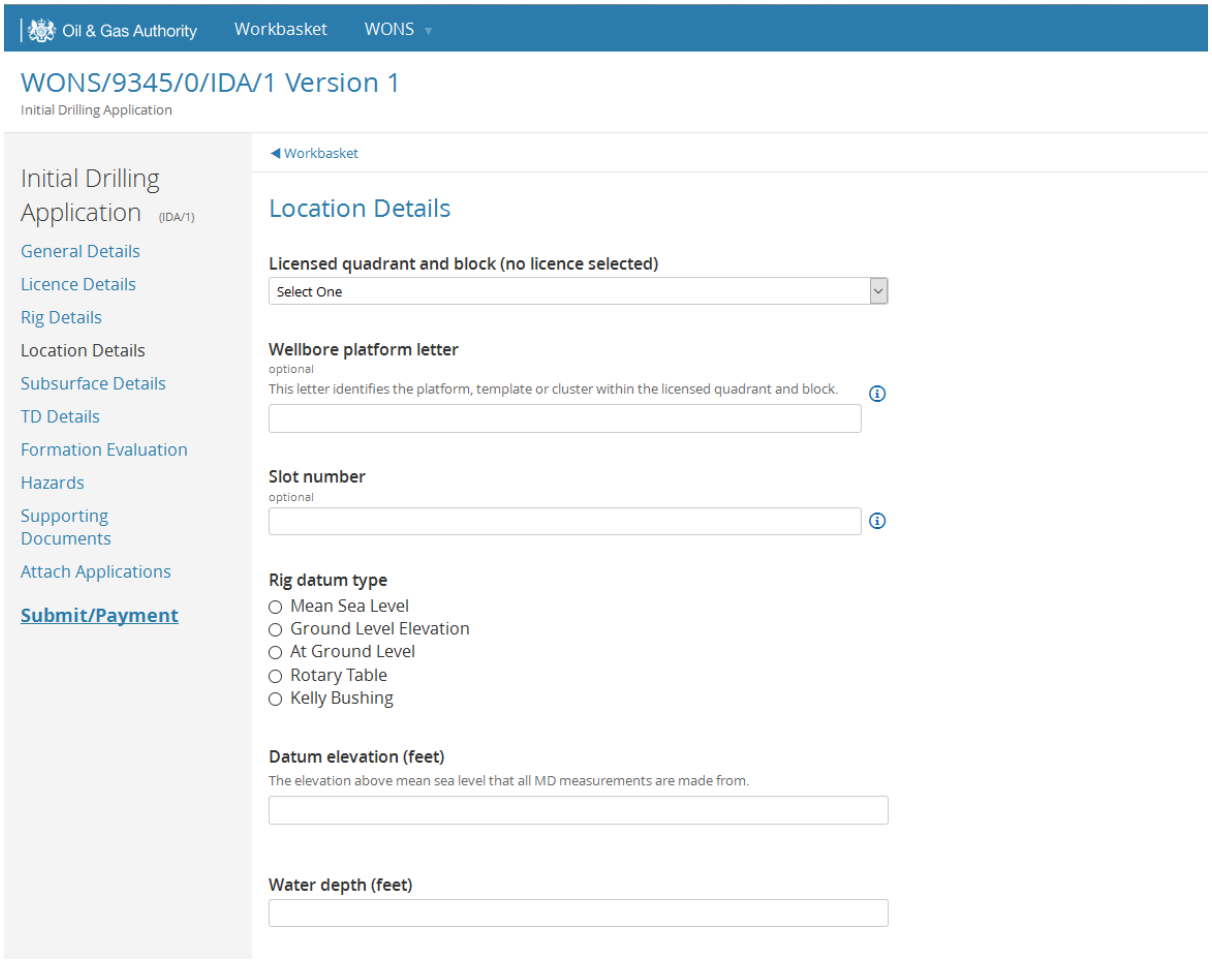



Oil & Gas Authority
Workbasket
WONS
WONS/9345/0/IDA/1 Version 1
Initial Drilling Application
Initial Drilling Application (IDA/1)
General Details
Licence Details
Rig Details
Location Details
Subsurface Details
TD Details
Formation Evaluation
Hazards
Supporting Documents
Attach Applications
Submit/Payment
Workbasket
Rig Details
Will the wellbore be drilled from a fixed installation or Mobile Drilling Unit?
Fixed installation
Mobile drilling unit
Mobile drilling unit over platform
Mobile drilling unit
Advanced Search
Next (Location Details)
Workbasket


Oil & Gas Authority
Workbasket
WONS
WONS/9345/0/IDA/1 Version 1
Initial Drilling Application
Initial Drilling Application (IDA/1)
General Details
Licence Details
Rig Details
Location Details
Subsurface Details
TD Details
Formation Evaluation
Hazards
Supporting Documents
Attach Applications
Submit/Payment
Workbasket
Rig Details
Will the wellbore be drilled from a fixed installation or Mobile Drilling Unit?
Fixed installation
Mobile drilling unit
Mobile drilling unit over platform
Platform
Advanced Search
Mobile drilling unit
Advanced Search
Next (Location Details)
Workbasket



6.5 Location Details



Initial Drilling Application (IDA/1)

- General Details
- Licence Details
- Rig Details
- Location Details
- Subsurface Details
- TD Details
- Formation Evaluation
- Hazards
- Supporting Documents
- Attach Applications
- **Submit/Payment**

Coordinate Type

- (•) Degrees Minutes Seconds
- ( ) Decimal Degrees
- ( ) National Grid Reference
- ( ) National Grid Easting/Northing

Datum

- (•) WGS84
- ( ) ETRS89
- ( ) ED50

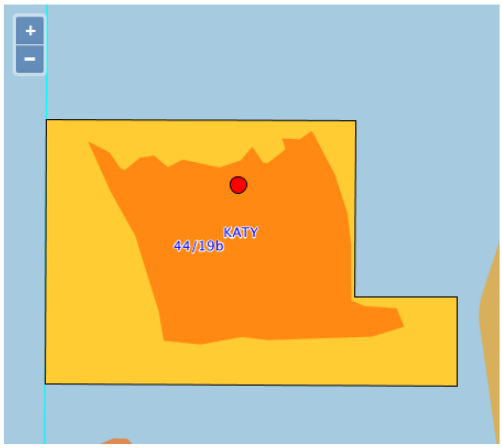
Latitude

Degrees	Minutes	Seconds	North South
54	24	13.58	North

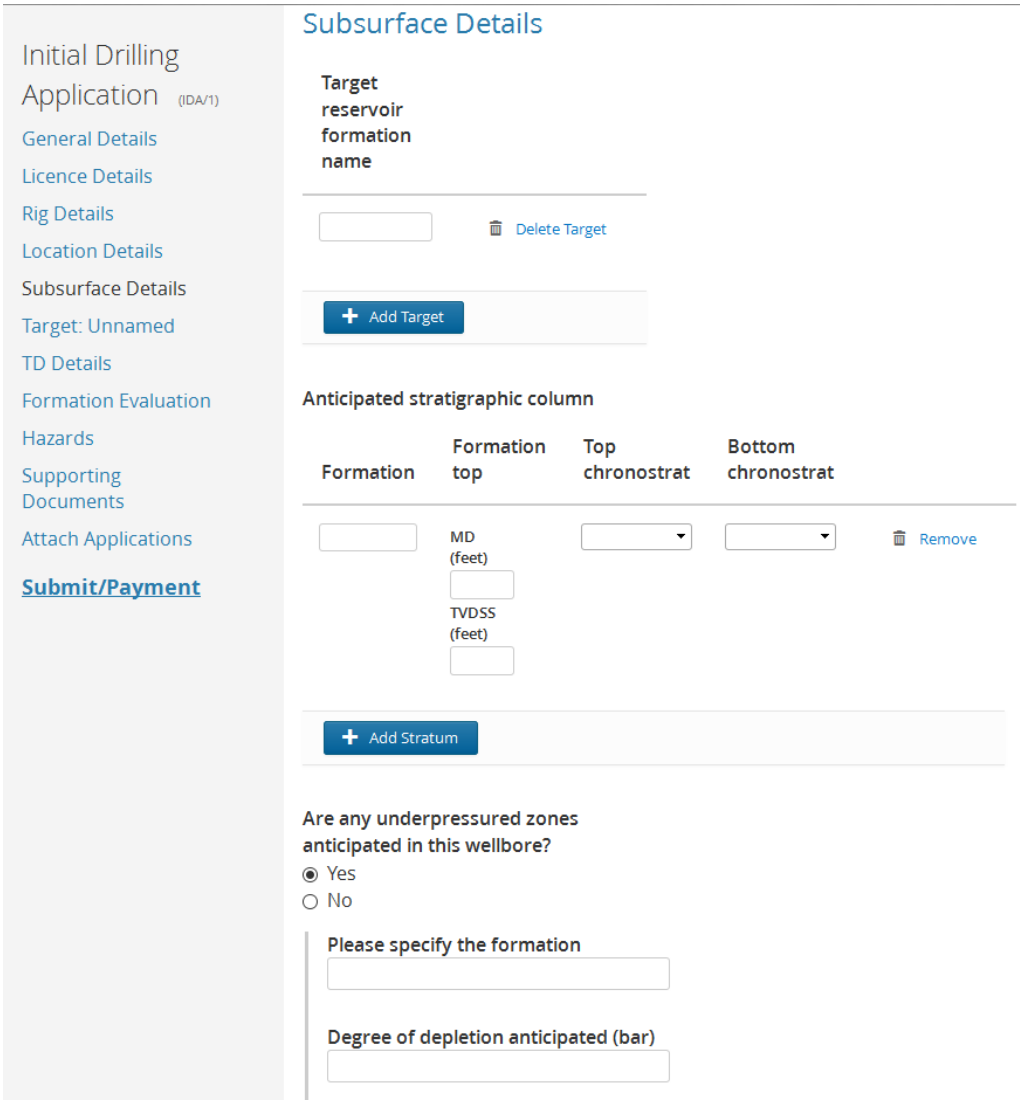
Longitude

Degrees	Minutes	Seconds	East West
2	39	38.21	East

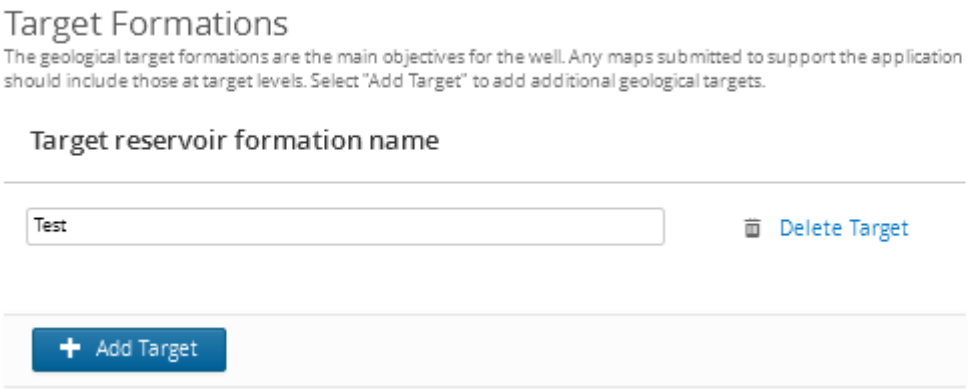
Preview



6.6 Subsurface Details

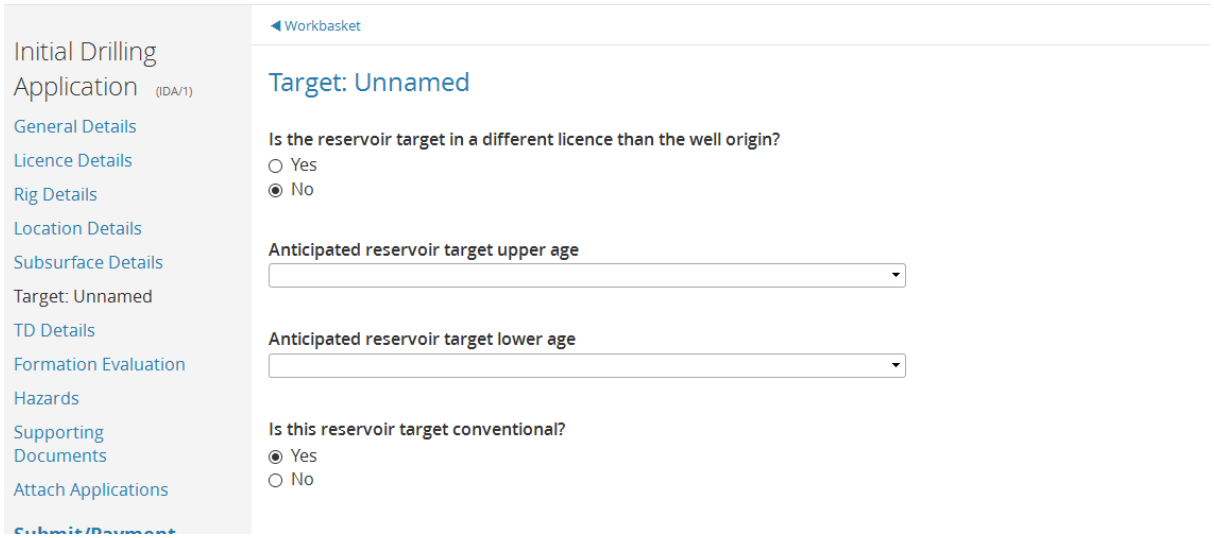


Adding a target will prompt you to enter a name, this will then be displayed ae “Target:xxxx” on the left hand menu

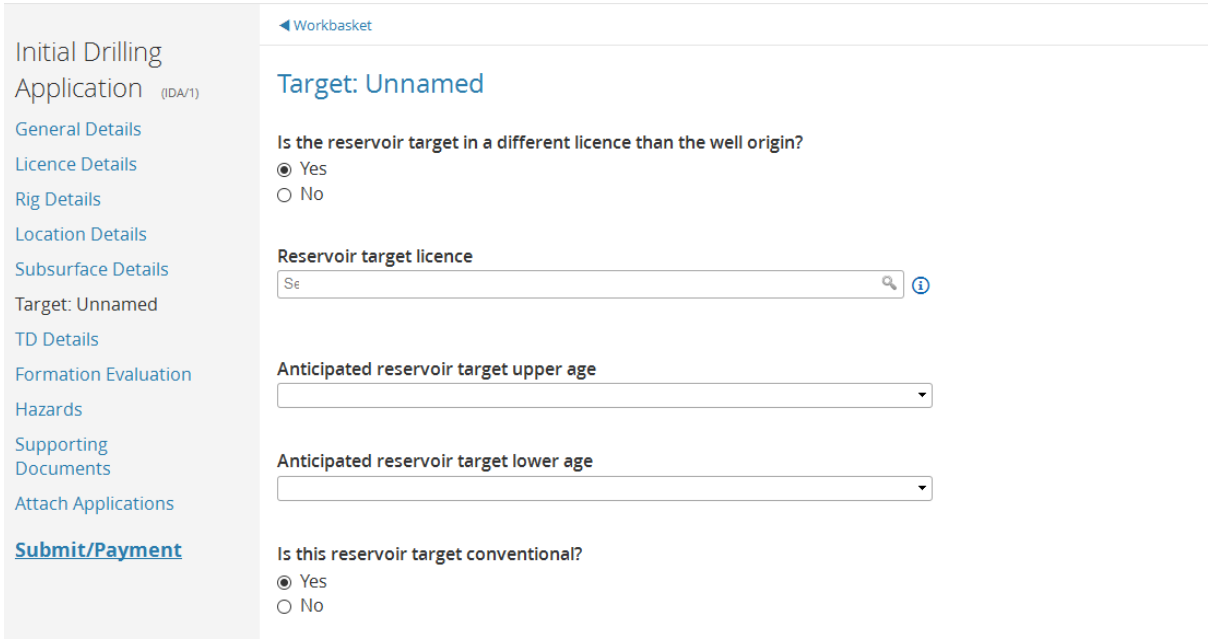


6.7 Target Details

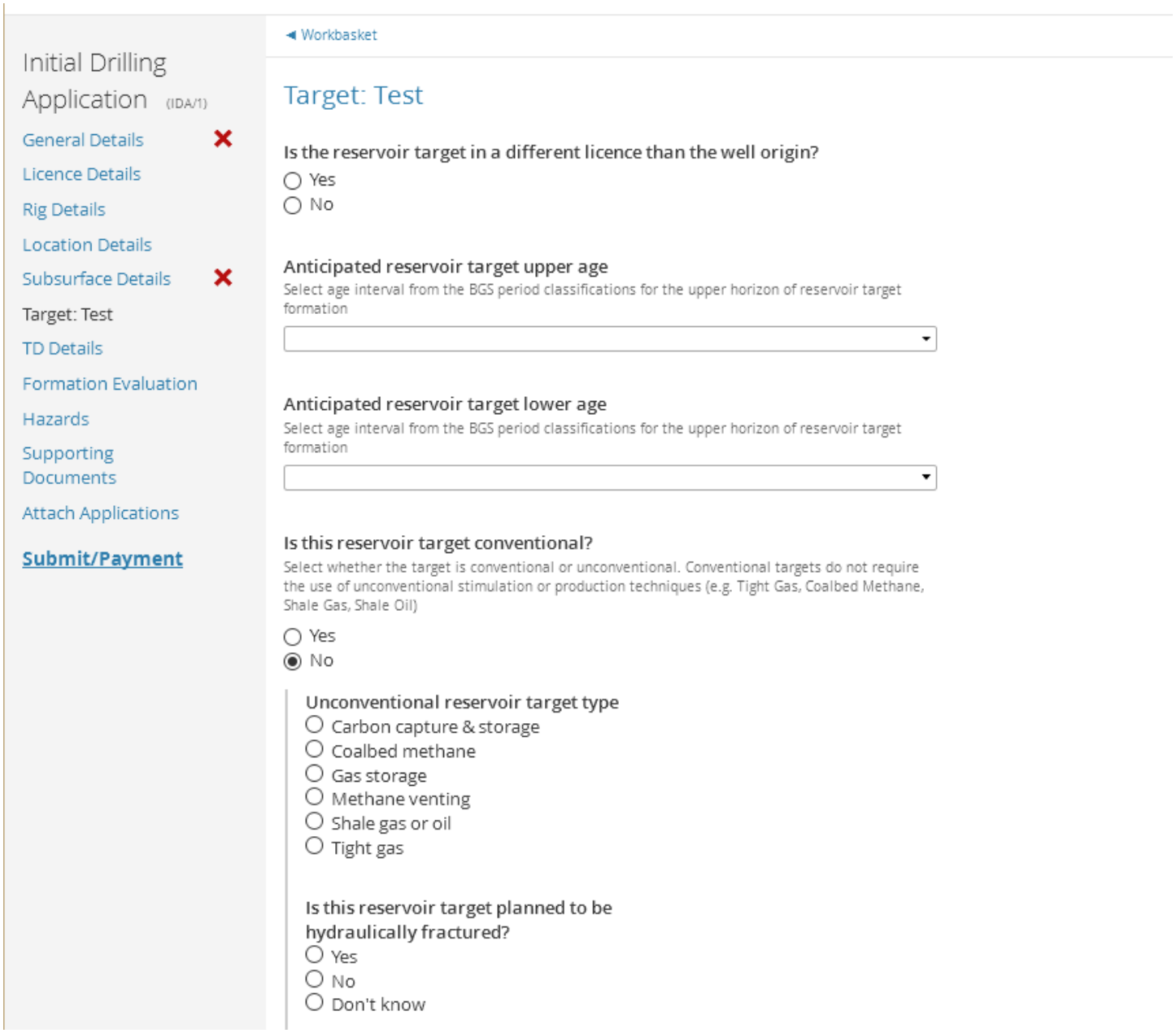
6.7.1 Target in same licence



6.7.2 Target in different Licence



6.7.3 Target is unconventional



Initial Drilling Application (IDA/1)

- General Details
- Licence Details
- Rig Details
- Location Details
- Subsurface Details
- Target: Unnamed
- TD Details
- Formation Evaluation
- Hazards
- Supporting Documents
- Attach Applications

Submit/Payment

Anticipated reservoir target top location

Coordinate Type

- (•) Degrees Minutes Seconds
- ( ) Decimal Degrees
- ( ) National Grid Reference
- ( ) National Grid Easting/Northing

Datum

- (•) WGS84
- ( ) ETRS89
- ( ) ED50

Latitude

Degrees	Minutes	Seconds	North South
			Select One

Longitude

Degrees	Minutes	Seconds	East West
			Select One

Preview

Enter coordinates above and click preview to view map

Anticipated reservoir target top depth

MD (feet)	TVDSS (feet)

Anticipated reservoir target bottom depth

MD (feet)	TVDSS (feet)

Initial Drilling Application (IDA/1)
General Details
Licence Details
Rig Details
Location Details
Subsurface Details
Target: Unnamed
TD Details
Formation Evaluation
Hazards
Supporting Documents
Attach Applications
Submit/Payment

Anticipated gross thickness (feet)

Anticipated net-to-gross (%)

Anticipated net pay (feet)

Anticipated maximum closure (feet)

Anticipated gross rock volume (m^3 or mcf)

Anticipated trap type

- ○ Structural
- ○ Stratigraphic
- ○ Combined
- ○ Contiguous Resource

Anticipated height of closure(feet)

Anticipated reservoir fluid (please select all that apply)

- ☐ Oil
- ☐ Gas
- ☐ Condensate

Initial Drilling Application (IDA/1)
General Details
Licence Details
Rig Details
Location Details
Subsurface Details
Target: Unnamed
TD Details
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Hazards
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Submit/Payment

Anticipated average porosity range

Anticipated lowest average porosity

Anticipated higest average porosity

Anticipated water saturation (Sw)

Pre-drill geological probability of success

Critical pre-drill success factors

Is an extended well test (EWT) planned for this reservoir target?

- ◉ Yes
- ○ No

Details of seismic data used to identify reservoir target

What is the anticipated source rock formation?

optional

Initial Drilling Application (IDA/1)
General Details
Licence Details
Rig Details
Location Details
Subsurface Details
Target: Unnamed
TD Details
Formation Evaluation
Hazards
Supporting Documents
Attach Applications
Submit/Payment

Anticipated reservoir pressure

Minimum (bar)

Maximum (bar)

Anticipated reservoir temperature

Minimum

Maximum

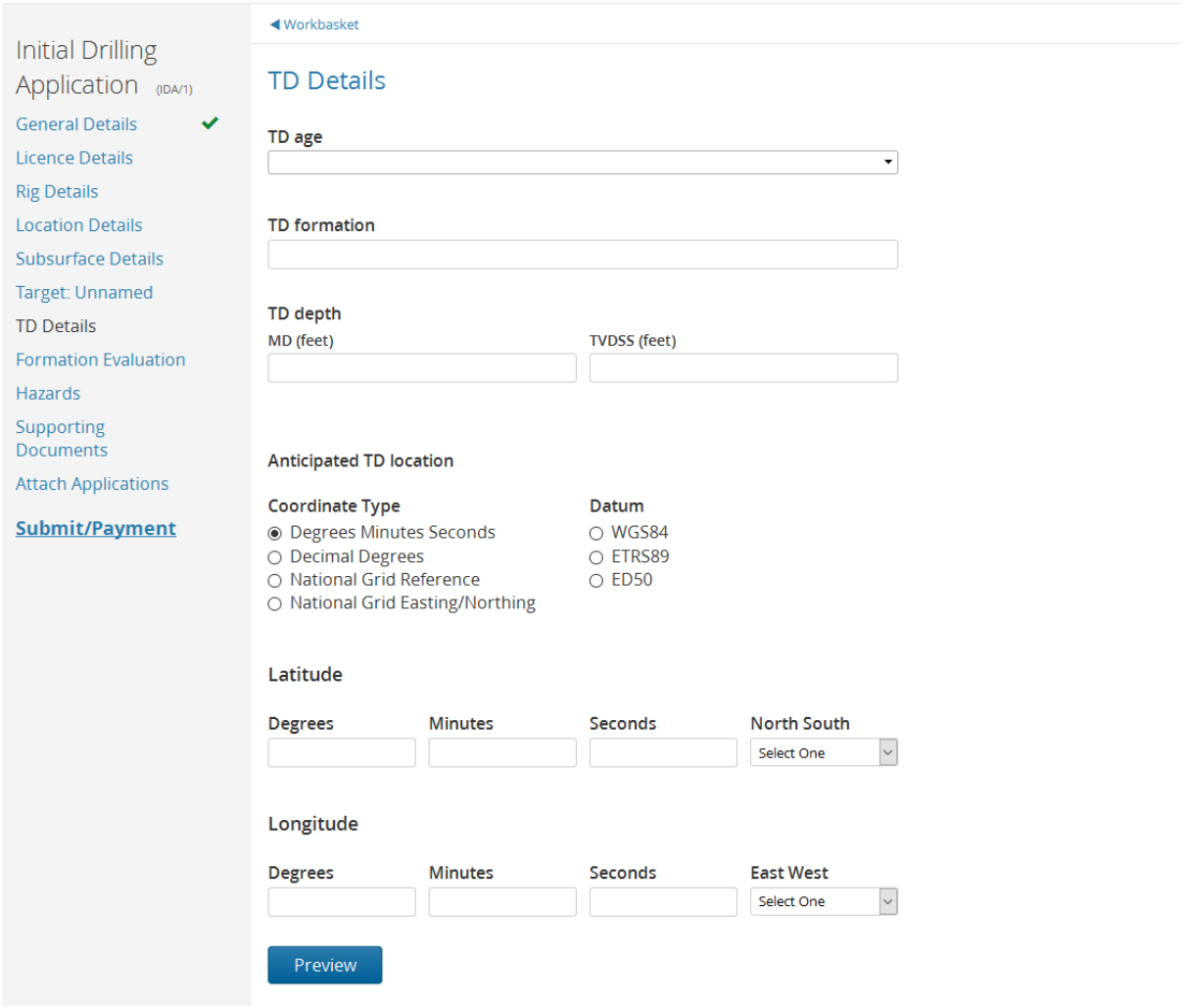
Overall pressure/temperature classification

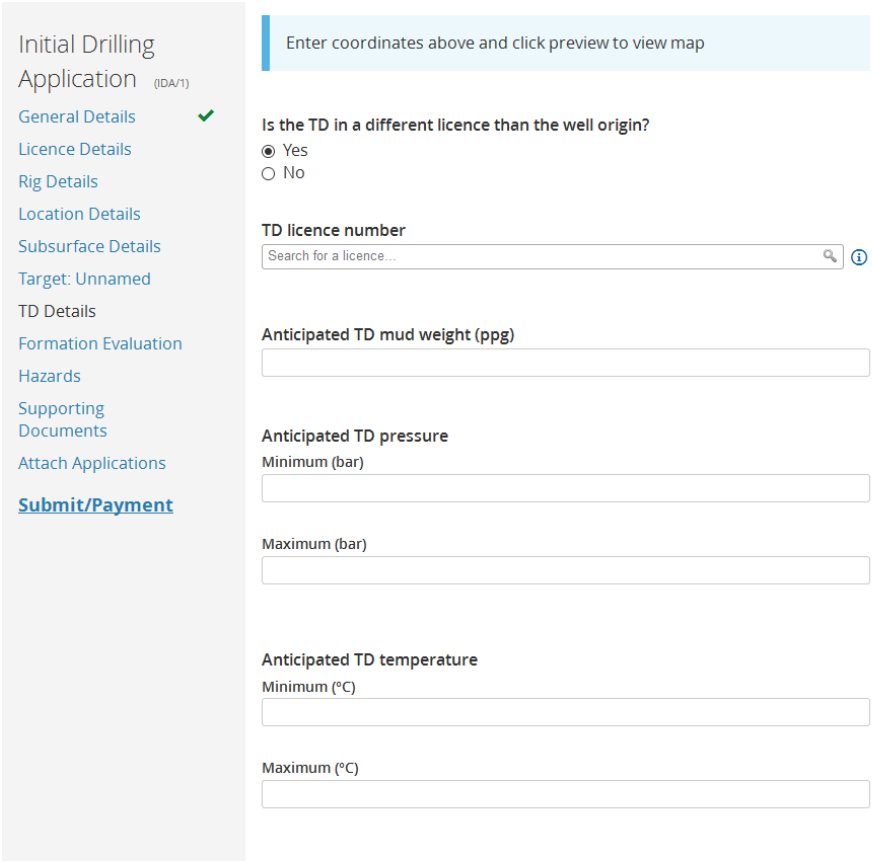
- ○ NP
- ○ HP
- ○ UHP

- ○ NT
- ○ HT
- ○ UHT

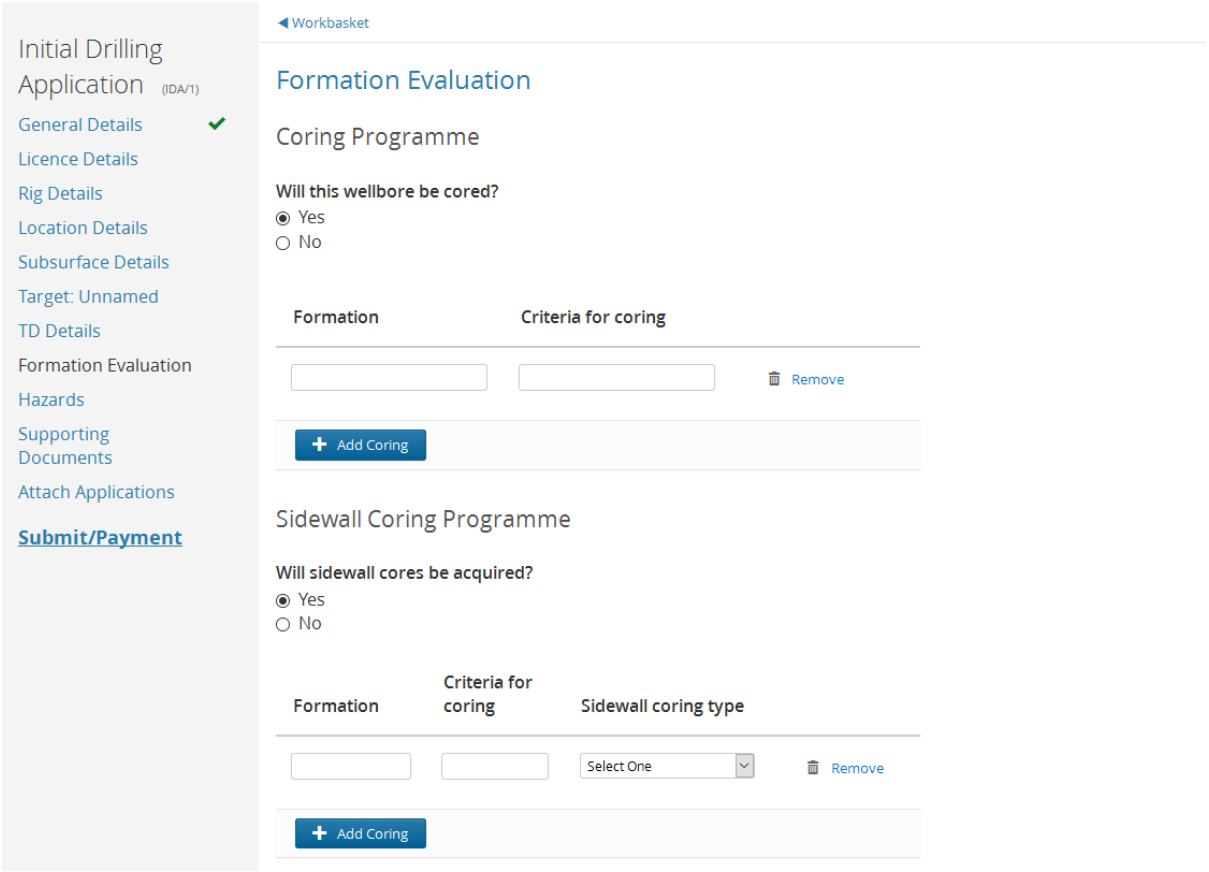
Next (TD Details)

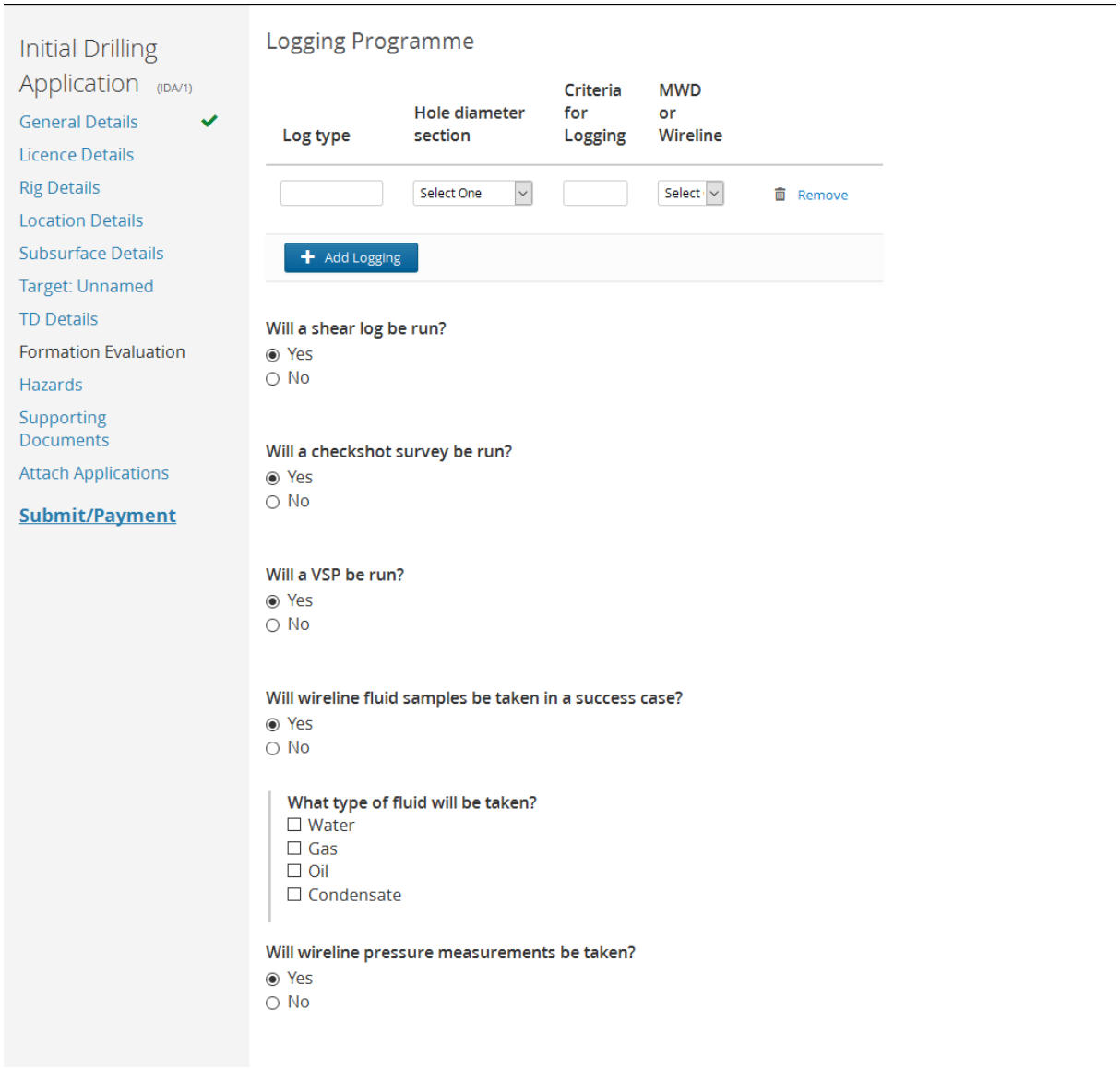
6.8 Total Depth Details



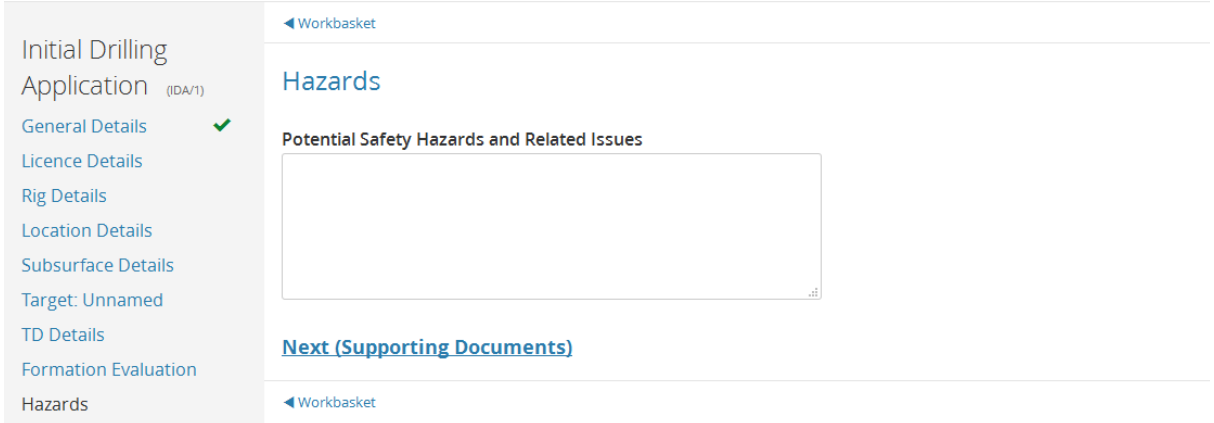


6.9 Formation Evaluation

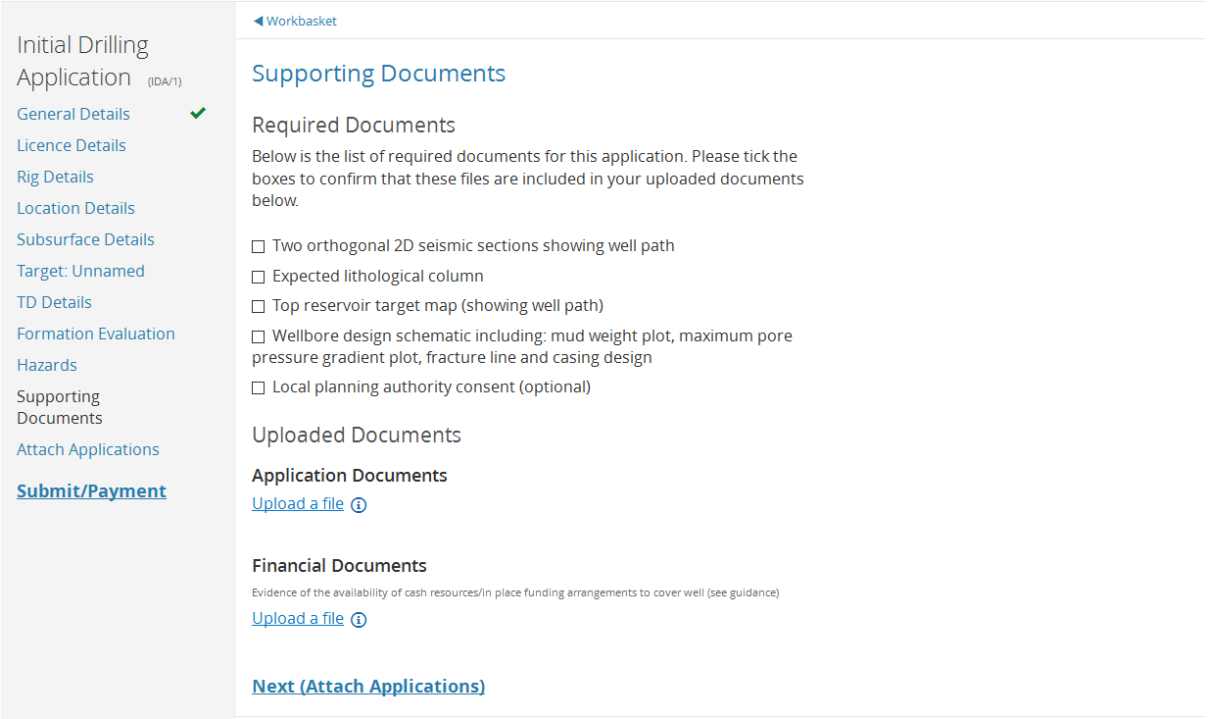



Initial Drilling Application (IDA/1)
General Details
Licence Details
Rig Details
Location Details
Subsurface Details
Target: Unnamed
TD Details
Formation Evaluation
Hazards
Supporting Documents
Attach Applications
Submit/Payment
Logging Programme
Log type
Hole diameter section
Criteria for Logging
MWD or Wireline
Select One
Select
Remove
Add Logging
Will a shear log be run?
Yes
No
Will a checkshot survey be run?
Yes
No
Will a VSP be run?
Yes
No
Will wireline fluid samples be taken in a success case?
Yes
No
What type of fluid will be taken?
Water
Gas
Oil
Condensate
Will wireline pressure measurements be taken?
Yes
No

6.10 Hazards

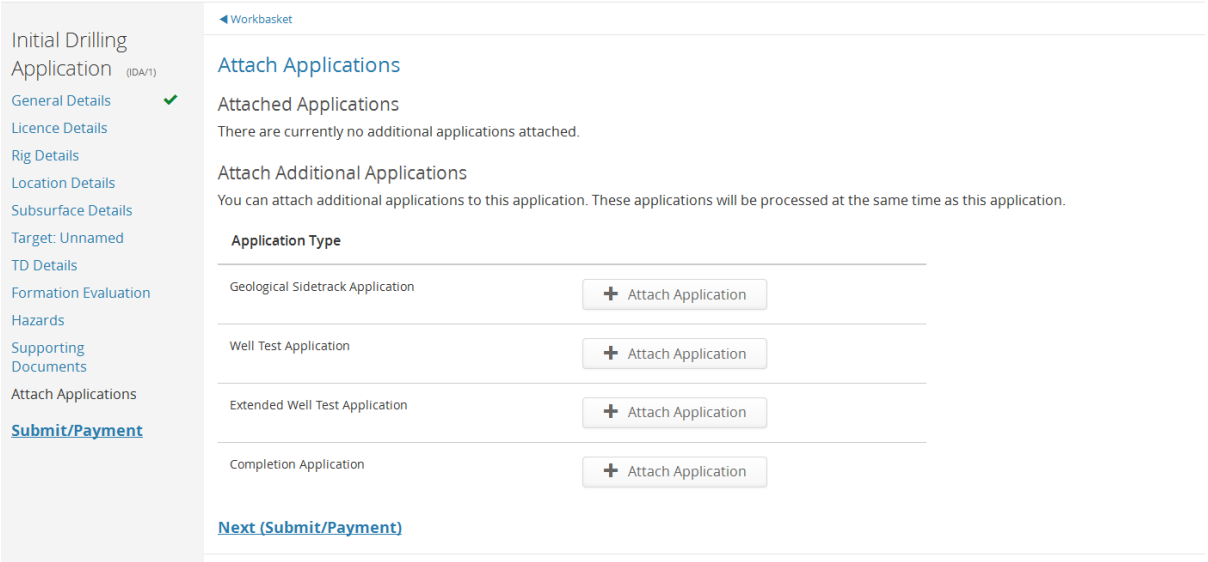

Initial Drilling Application (IDA/1)
General Details
Licence Details
Rig Details
Location Details
Subsurface Details
Target: Unnamed
TD Details
Formation Evaluation
Hazards
Workbasket
Hazards
Potential Safety Hazards and Related Issues
Next (Supporting Documents)
Workbasket

6.11 Supporting Documents



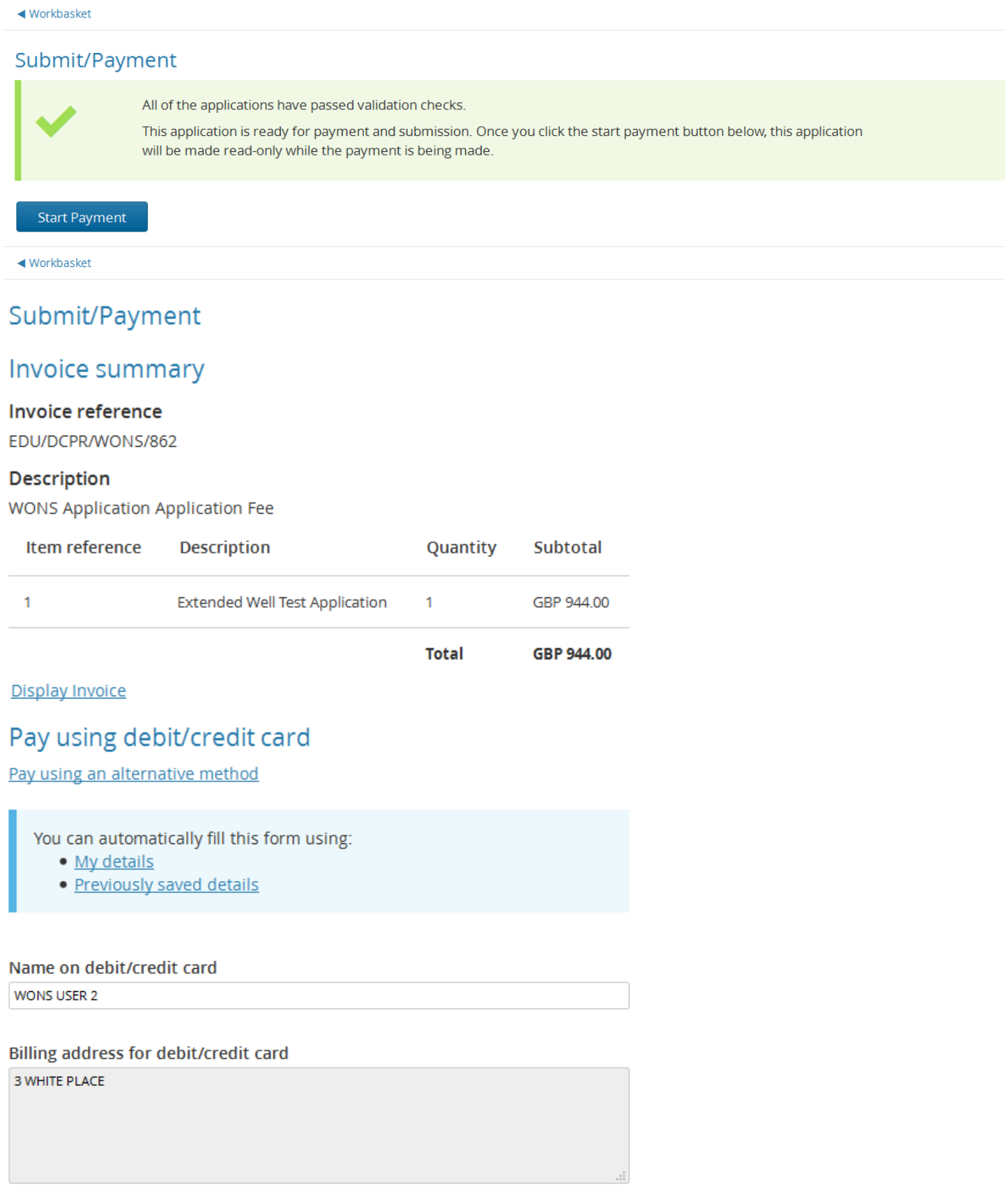
6.12 Attach Applications

On this screen you can attach additional applications to the IDA, the screens are shown below in Sections 7 to 10



6.13 Submit/Payment

Once you have all green ticks you can then move to submit payment



Search for address

Billing address postcode

sw1a 2aw

Email address for payment confirmation

wons_user2@fivium.co.uk

Contact telephone number

optional

+44 (0)300 068 0000

☑ Remember these details?

payments powered by WorldPay

Continue to payment

Cancel this payment

Contact Details

EDU

3 Whitehall Place
London
SW1A 2HD

ukop@oga.gsi.gov.uk

Privacy Policy Refund Policy

Pay using debit/credit card

Payment method

The method by which this payment will be made. We use this information to help us reconcile your payment against this transaction.

Select One

Payment instruction date

The date you instructed this payment to be made.

Expected clear date

The latest date payment funds will be received by the department. If payment is not received by this date, we may need to contact you using the details below.

Bank name

The name of the organisation that is processing your payment instruction.

Bank address

The address of the organisation that is processing your payment instruction.

You can use an alternative form of payment

Pay with a bank transfer/cheque

Please note the following information about alternative payments:

To ensure these funds are received immediately, we recommend that you pay using a debit/credit card.

By declaring that you are using an alternative payment method (by clicking 'Submit Alternative Payment') you are agreeing to arrange payment yourself and will no longer be given the opportunity to make an online card payment. **Please note:** Using this method may cause delays while we wait to receive your payment.

When making your payment, if possible, please use your invoice reference "**EDU/DCPR/WONS/862**" as the payment reference. This will help us to identify the source of the payment when it is received.

Payment contact name

The name of the contact who can deal with enquiries relating to this payment instruction.

Payment contact telephone

The telephone number for the contact who can deal with enquiries relating to this payment instruction.

Payment contact email

The email address for the contact who can deal with enquiries relating to this payment instruction.

Receiving credits in sterling in the UK

BACS & CHAPS (£10,000+)

Bank Address: RBS London Corporate Service, 2nd Floor Bishopsgate, London, EC2M 4RB.
Sort Code: 607080
Account No: 10008004
Account Name: Deptenergy/Climatechang

Receiving credits from Overseas

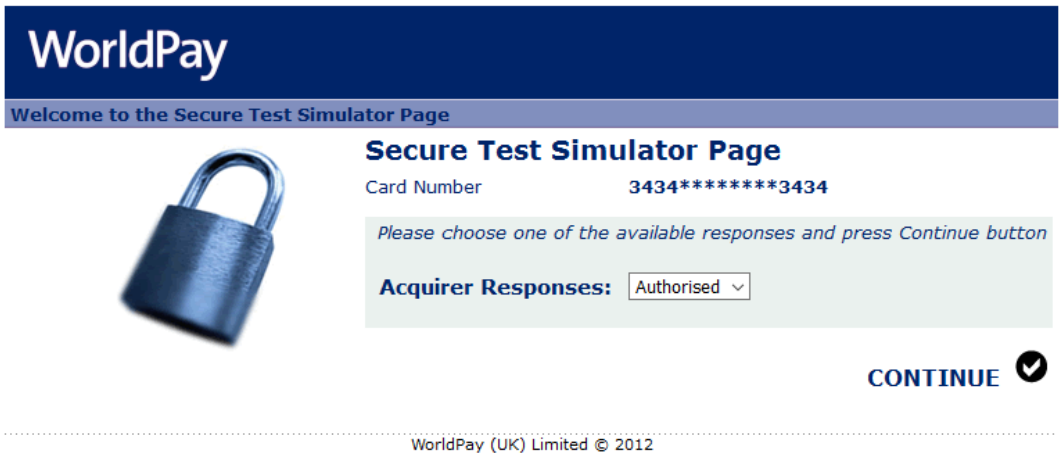
Swift

Bank: National Westminster Bank PLC
BIC: NWBKGB2L
IBAN: GB61NWBK60708010008004
Beneficiary Reference: GBS Re DECC Vote Account

Clicking "Submit Alternative Payment" will send us your intended payment method and details.

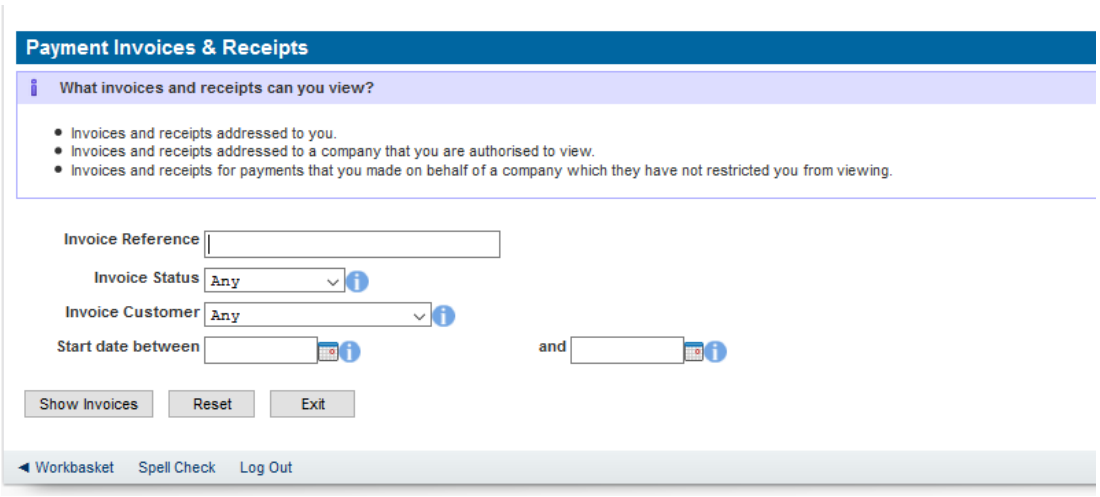
Submit Alternative Payment Cancel this payment

Using a credit card will take you to World Pay



6.13.1 Payment Invoices and Receipts

These can be found on the left hand menu of the work basket

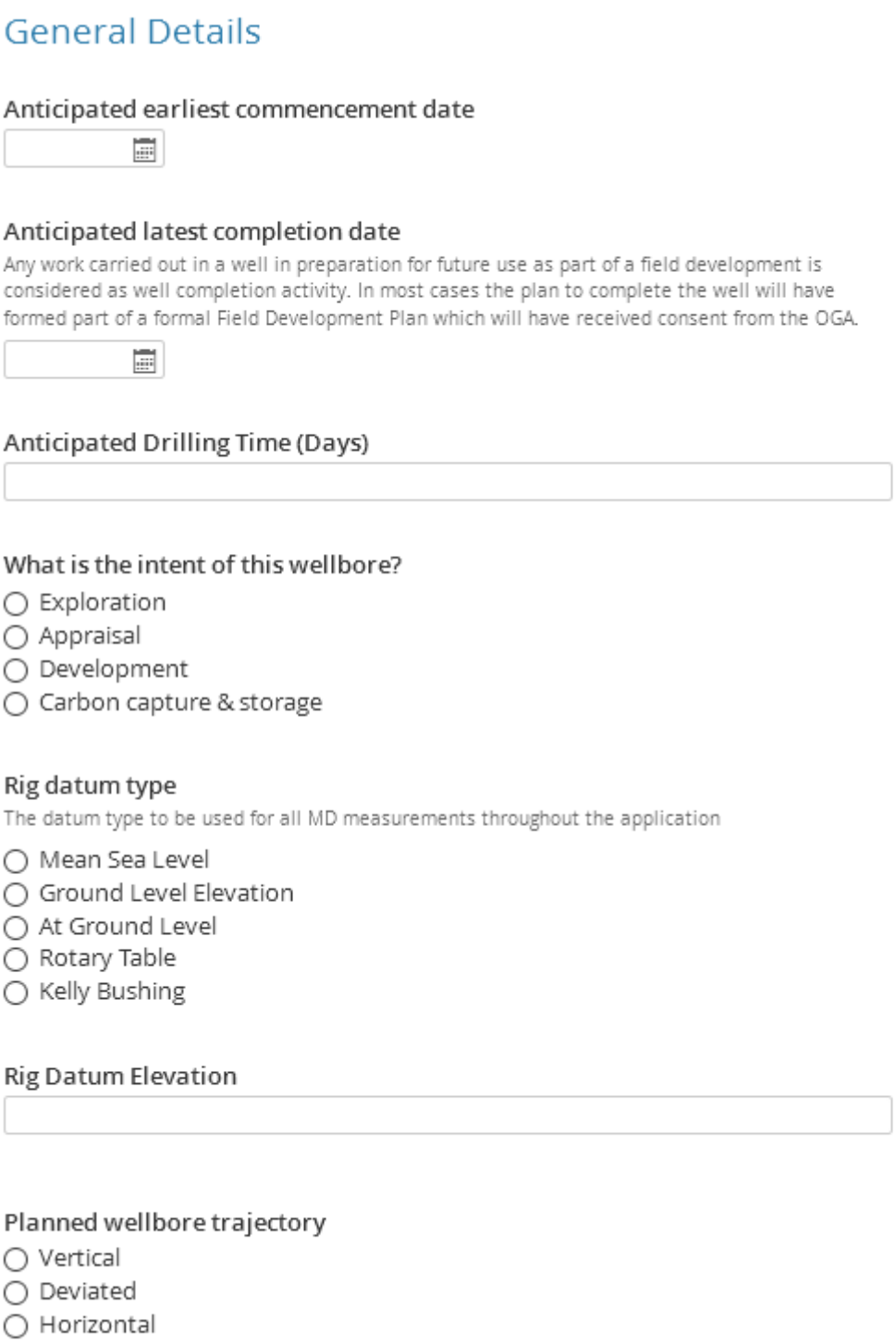


6.14 IDA - Geological Sidetrack

A lot of the screens are the same as the IDA

6.14.1 General Details

Below is a screen for E, A and CCS wells



This is the same screen if a development well is selected

What is the intent of this wellbore?

- ○ Exploration
- ○ Appraisal
- ◉ Development
- ○ Carbon capture & storage

Anticipated development wellbore product (please tick all that apply)

- ☐ Water
- ☐ Gas
- ☐ Oil
- ☐ Condensate

Anticipated development wellbore type

The wellbore usage associated with reservoir development and hydrocarbon production

- ○ Producer
- ○ Injector
- ○ Disposal
- ○ Other

Target field

The defined hydrocarbon field that is being targeted by the wellbore.
A hydrocarbon reservoir will be defined as a 'field' if:
a) The reservoir oil water contact (OWC) has been defined by geologically mapping - either by physical (e.g. wells) or geophysical methods, or commonly a combination of techniques.
b) The field definition has been approved as part of a Field Development Plan.

Advanced Search

Wellbore Synopsis

A brief text describing the objectives of the well, the key uncertainties, including likelihood of oil or gas, and issues relating to the target, the planned contingent programme (if any), and the rationale for the evaluation programme. For obligation wells it should be stated clearly that this programme is in accordance with the licence obligation.

Mud and casing programme

This application needs at least one mud and casing programme

+ Add Casing

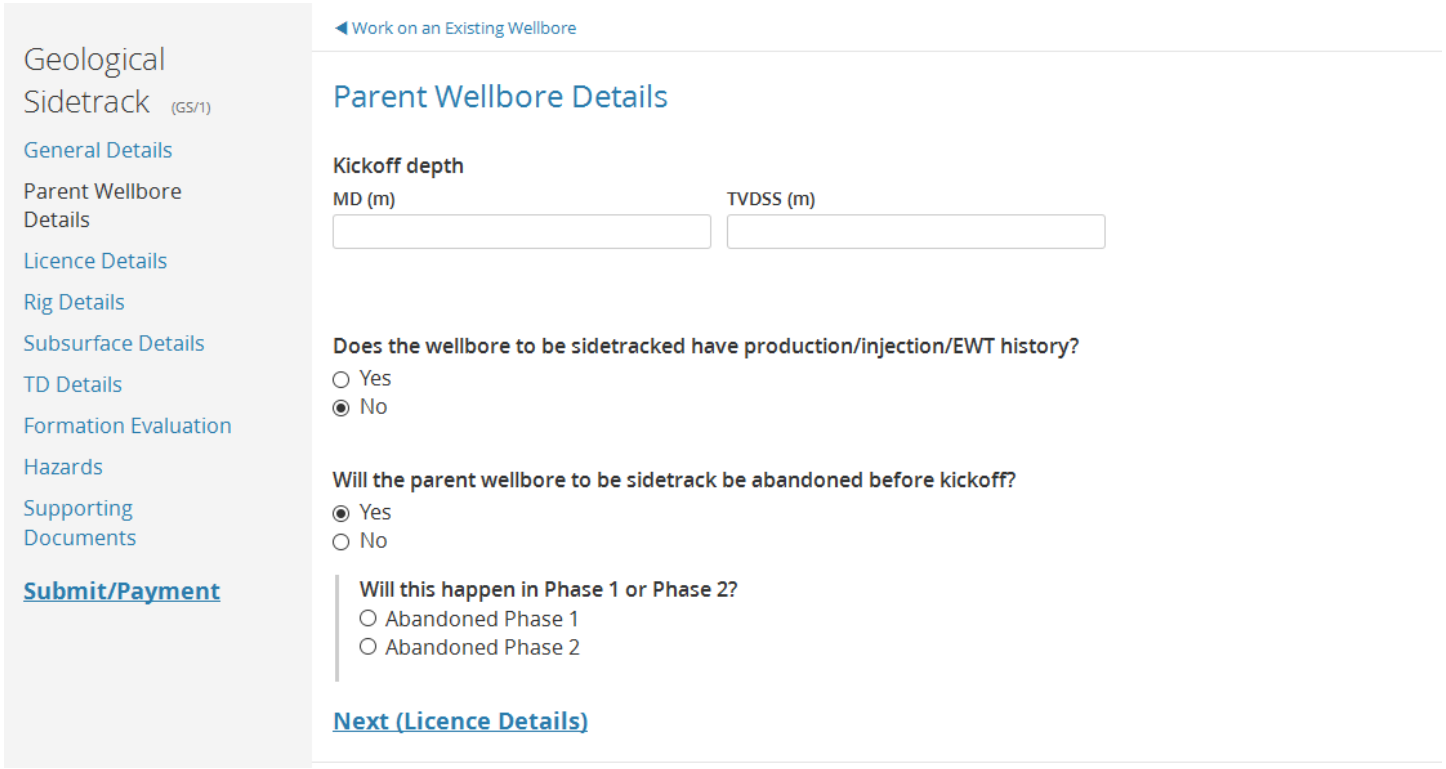
Wellbore primary prospect identifying letter(s)

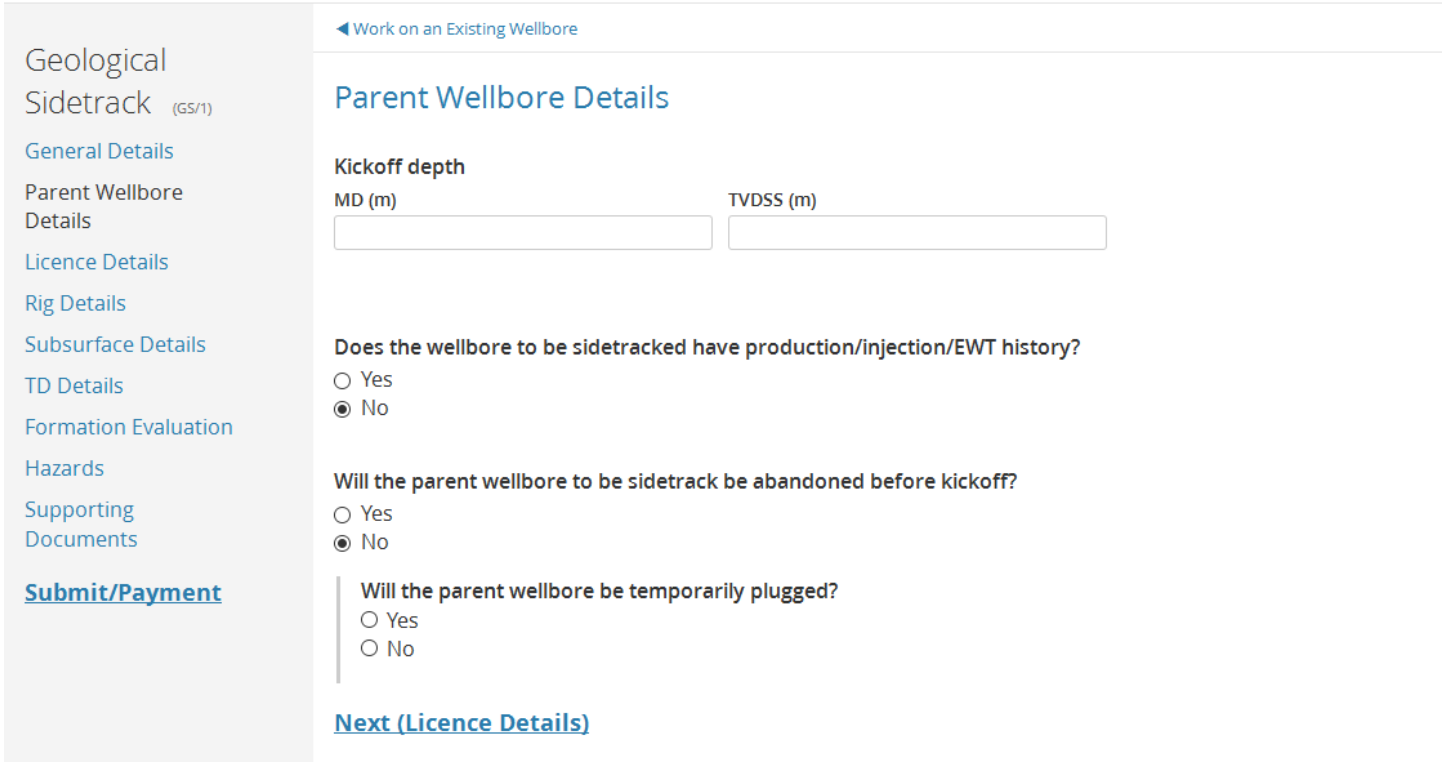
Projected dry hole approval for expenditure cost (million pounds)

Projected success case Approval For Expenditure cost (million pounds)

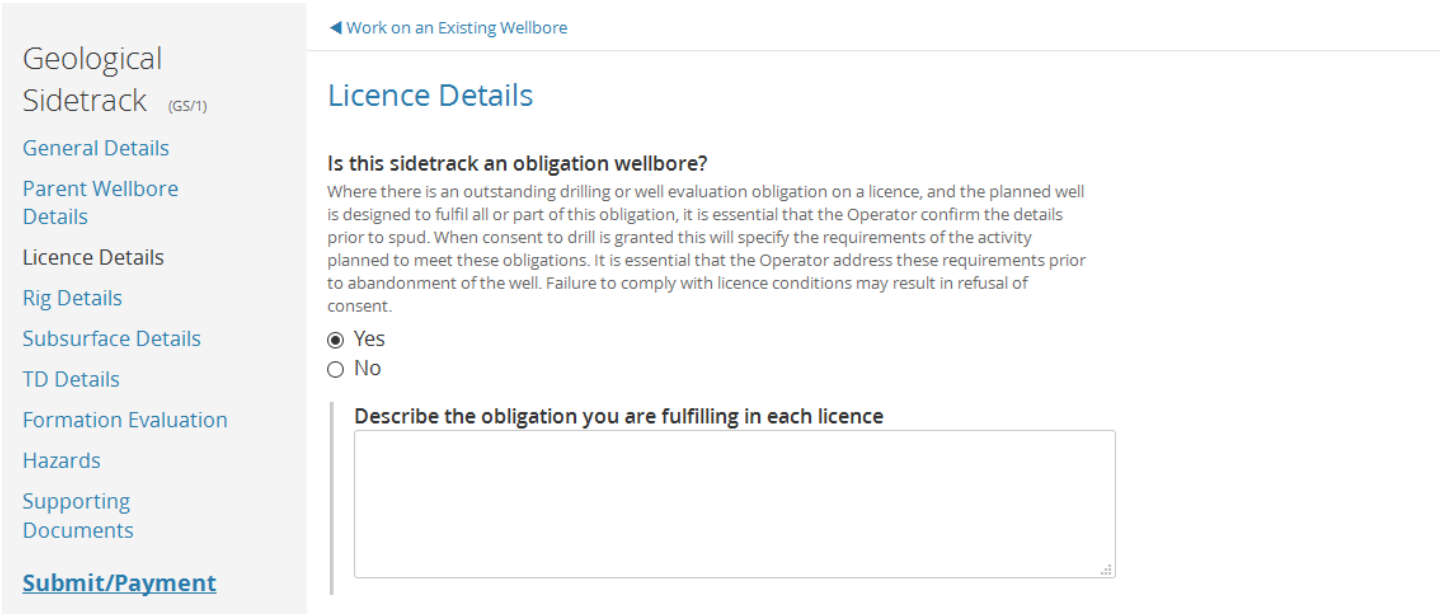
Projected cost of wellbore abandonment (million pounds)

6.14.2 Parent Wellbore Details

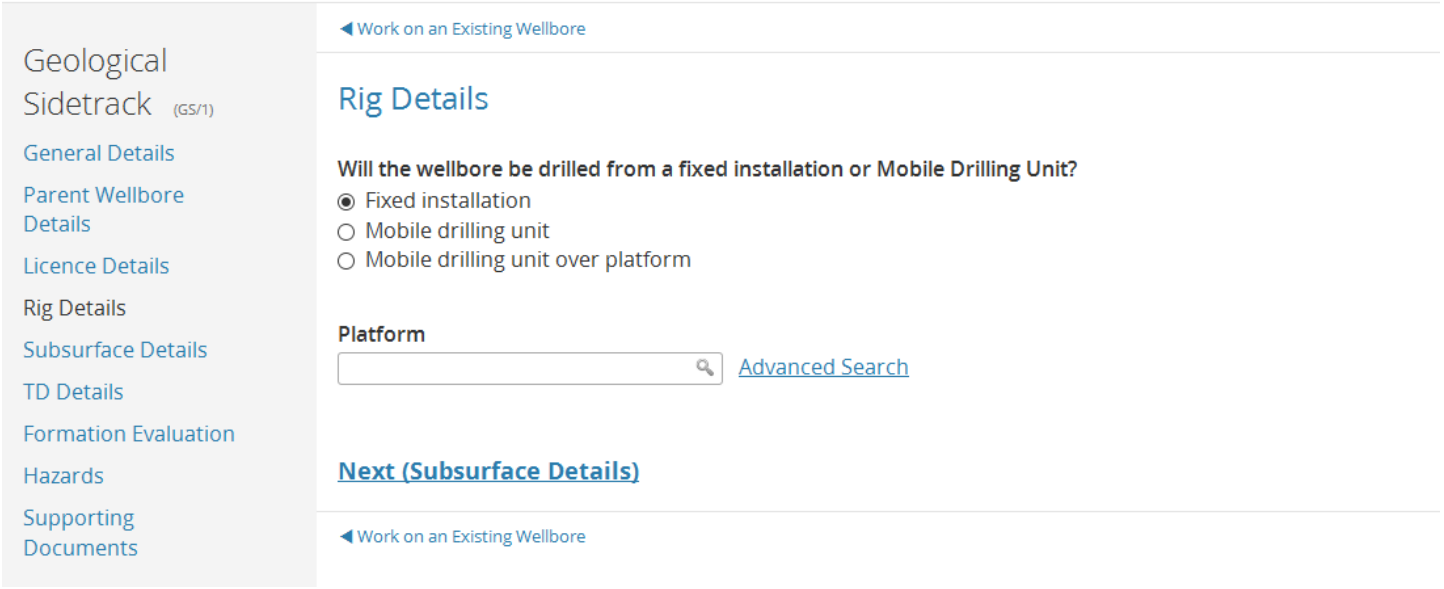




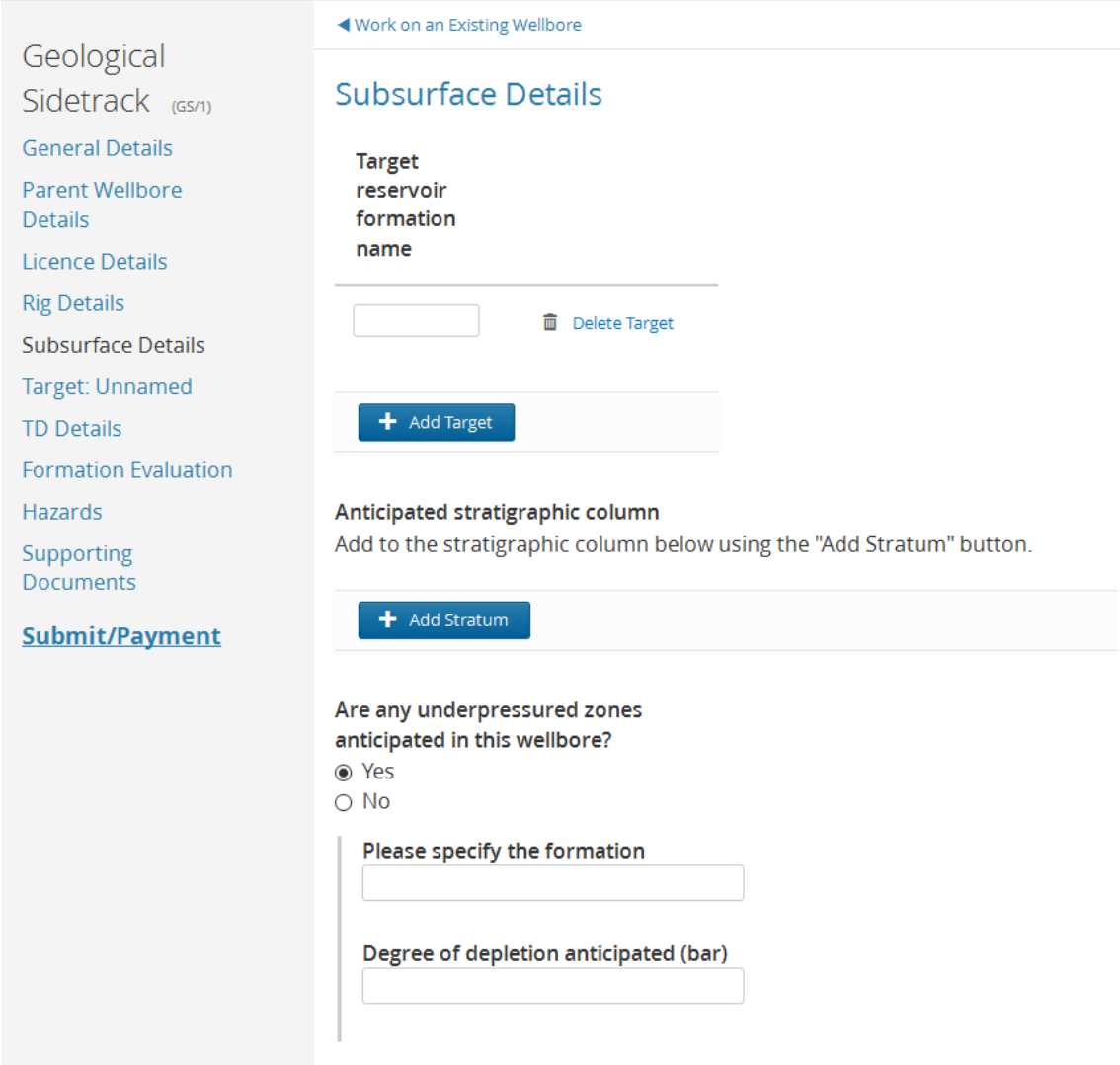
6.14.3 Licence Details



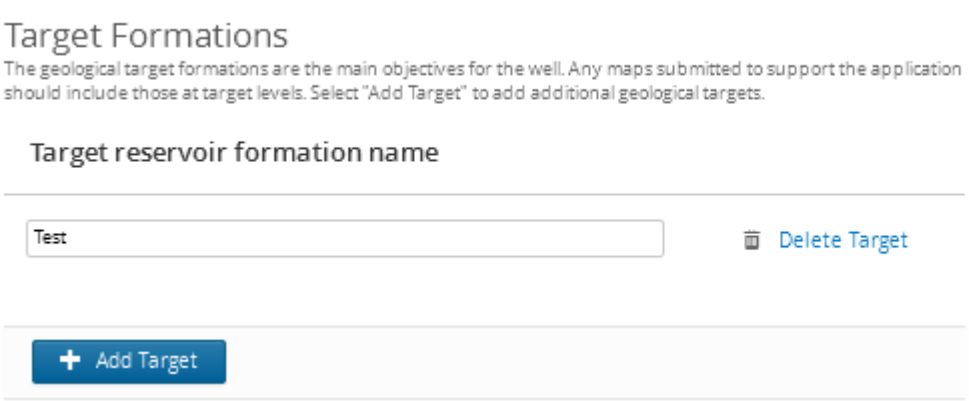
6.14.4 Rig Details

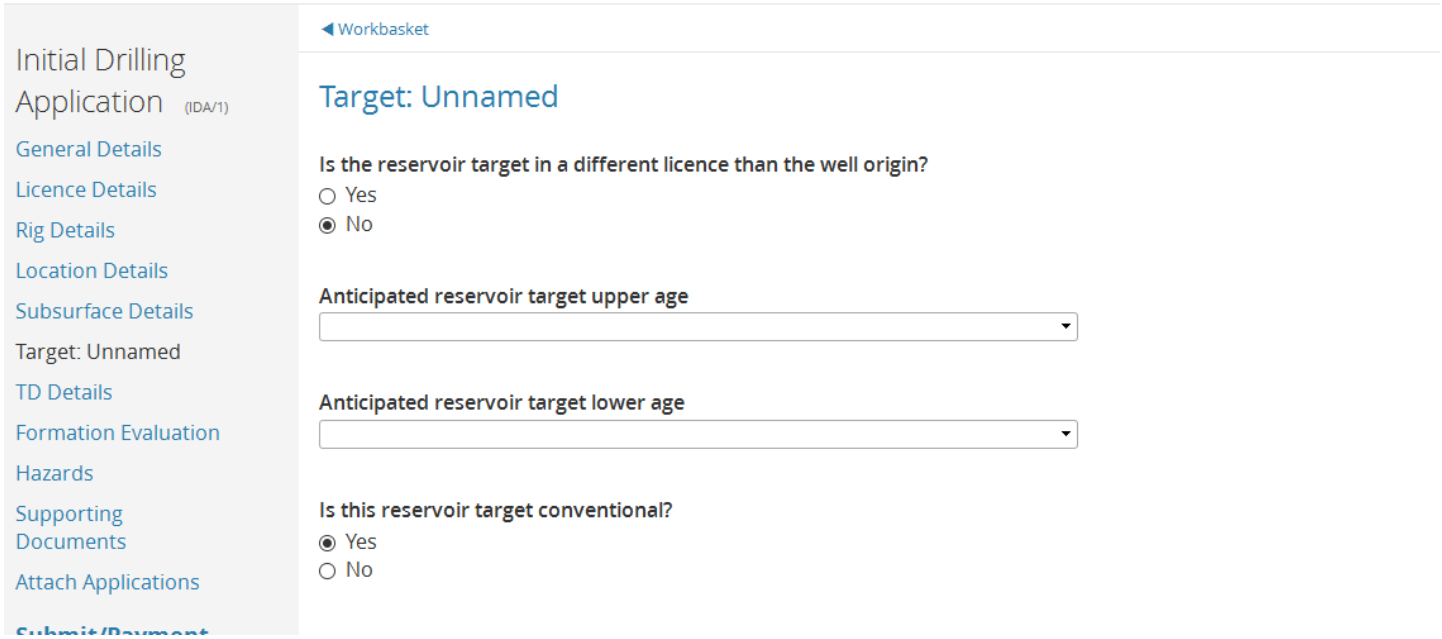


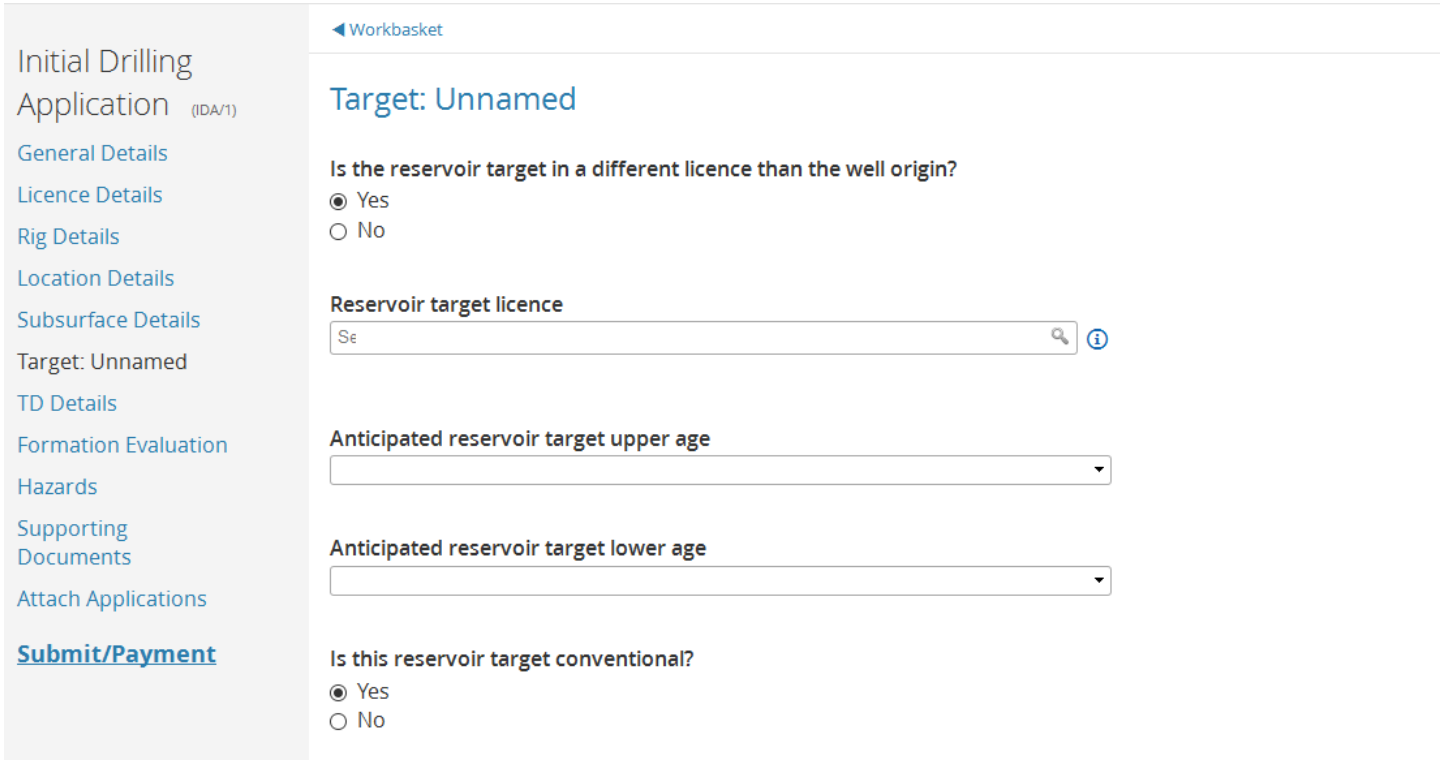
6.14.5 Subsurface Details



Adding a Target will prompt you to enter a name and then the left hand menu will display that name as “Target:xxxx”




Initial Drilling Application (IDA/1)
General Details
Licence Details
Rig Details
Location Details
Subsurface Details
Target: Unnamed
TD Details
Formation Evaluation
Hazards
Supporting Documents
Attach Applications
Workbasket
Target: Unnamed
Is the reservoir target in a different licence than the well origin?
Yes
No
Anticipated reservoir target upper age
Anticipated reservoir target lower age
Is this reservoir target conventional?
Yes
No


Initial Drilling Application (IDA/1)
General Details
Licence Details
Rig Details
Location Details
Subsurface Details
Target: Unnamed
TD Details
Formation Evaluation
Hazards
Supporting Documents
Attach Applications
Submit/Payment
Workbasket
Target: Unnamed
Is the reservoir target in a different licence than the well origin?
Yes
No
Reservoir target licence
Anticipated reservoir target upper age
Anticipated reservoir target lower age
Is this reservoir target conventional?
Yes
No

Initial Drilling Application (IDA/1)

- General Details
- Licence Details
- Rig Details
- Location Details
- Subsurface Details
- Target: Unnamed
- TD Details
- Formation Evaluation
- Hazards
- Supporting Documents
- Attach Applications

Submit/Payment

◀ Workbasket

Target: Unnamed

Is the reservoir target in a different licence than the well origin?

- ○ Yes
- ◉ No

Anticipated reservoir target upper age

Anticipated reservoir target lower age

Is this reservoir target conventional?

- ○ Yes
- ◉ No

Unconventional reservoir target type

- ○ Carbon capture & storage
- ○ Coalbed methane
- ○ Gas storage
- ○ Methane venting
- ◉ Shale gas or oil
- ○ Tight gas

Is this reservoir target planned to be hydraulically fractured?

- ◉ Yes
- ○ No
- ○ Don't know

Initial Drilling Application (IDA/1)

- General Details
- Licence Details
- Rig Details
- Location Details
- Subsurface Details
- Target: Unnamed
- TD Details
- Formation Evaluation
- Hazards
- Supporting Documents
- Attach Applications
- **Submit/Payment**

Anticipated reservoir target top location

Coordinate Type

- (●) Degrees Minutes Seconds
- ( ) Decimal Degrees
- ( ) National Grid Reference
- ( ) National Grid Easting/Northing

Datum

- (●) WGS84
- ( ) ETRS89
- ( ) ED50

Latitude

Degrees	Minutes	Seconds	North South
			Select One

Longitude

Degrees	Minutes	Seconds	East West
			Select One

Preview

Enter coordinates above and click preview to view map

Anticipated reservoir target top depth

MD (feet)	TVDSS (feet)

Anticipated reservoir target bottom depth

MD (feet)	TVDSS (feet)

Initial Drilling Application (IDA/1)

- General Details
- Licence Details
- Rig Details
- Location Details
- Subsurface Details
- Target: Unnamed
- TD Details
- Formation Evaluation
- Hazards
- Supporting Documents
- Attach Applications

Submit/Payment

Anticipated gross thickness (feet)

Anticipated net-to-gross (%)

Anticipated net pay (feet)

Anticipated maximum closure (feet)

Anticipated gross rock volume (m^3 or mcf)

Anticipated trap type

- ○ Structural
- ○ Stratigraphic
- ○ Combined
- ○ Contiguous Resource

Anticipated height of closure(feet)

Anticipated reservoir fluid (please select all that apply)

- ☐ Oil
- ☐ Gas
- ☐ Condensate

Initial Drilling Application (IDA/1)
General Details
Licence Details
Rig Details
Location Details
Subsurface Details
Target: Unnamed
TD Details
Formation Evaluation
Hazards
Supporting Documents
Attach Applications
Submit/Payment

Anticipated average porosity range

Anticipated lowest average porosity

Anticipated higest average porosity

Anticipated water saturation (Sw)

Pre-drill geological probability of success

Critical pre-drill success factors

Is an extended well test (EWT) planned for this reservoir target?

- (•) Yes
- ( ) No

Details of seismic data used to identify reservoir target

What is the anticipated source rock formation?

optional

Initial Drilling Application (IDA/1)
General Details
Licence Details
Rig Details
Location Details
Subsurface Details
Target: Unnamed
TD Details
Formation Evaluation
Hazards
Supporting Documents
Attach Applications
Submit/Payment

Anticipated reservoir pressure

Minimum (bar)

Maximum (bar)

Anticipated reservoir temperature

Minimum

Maximum

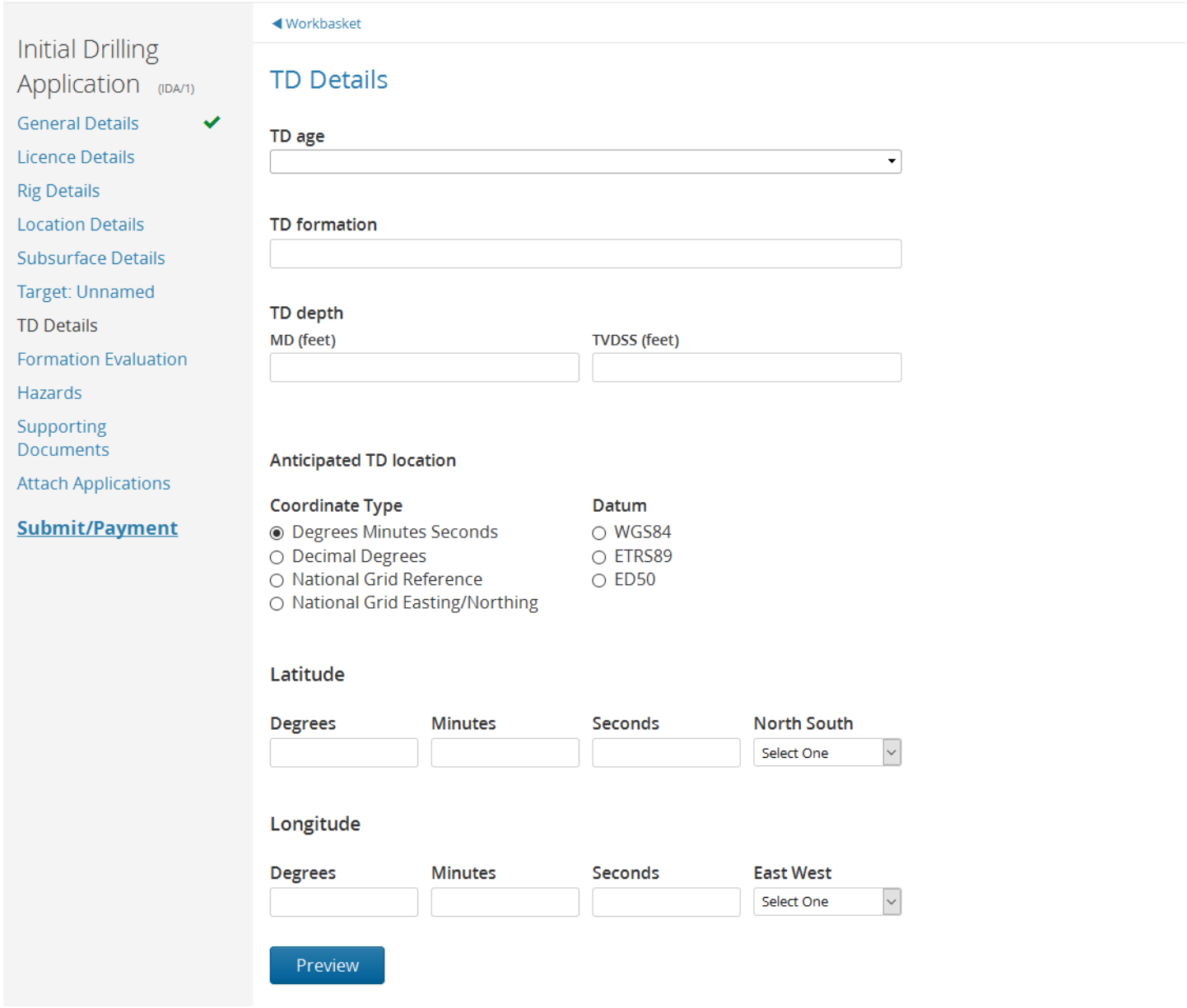
Overall pressure/temperature classification

- ○ NP
- ○ HP
- ○ UHP

- ○ NT
- ○ HT
- ○ UHT

Next (TD Details)

6.14.6 Total Depth Details



Initial Drilling Application (IDA/1)

- General Details ✔
- Licence Details
- Rig Details
- Location Details
- Subsurface Details
- Target: Unnamed
- TD Details
- Formation Evaluation
- Hazards
- Supporting Documents
- Attach Applications

Submit/Payment

Enter coordinates above and click preview to view map

Is the TD in a different licence than the well origin?

- (•) Yes
- ( ) No

TD licence number

Search for a licence...

Anticipated TD mud weight (ppg)

Anticipated TD pressure

Minimum (bar)

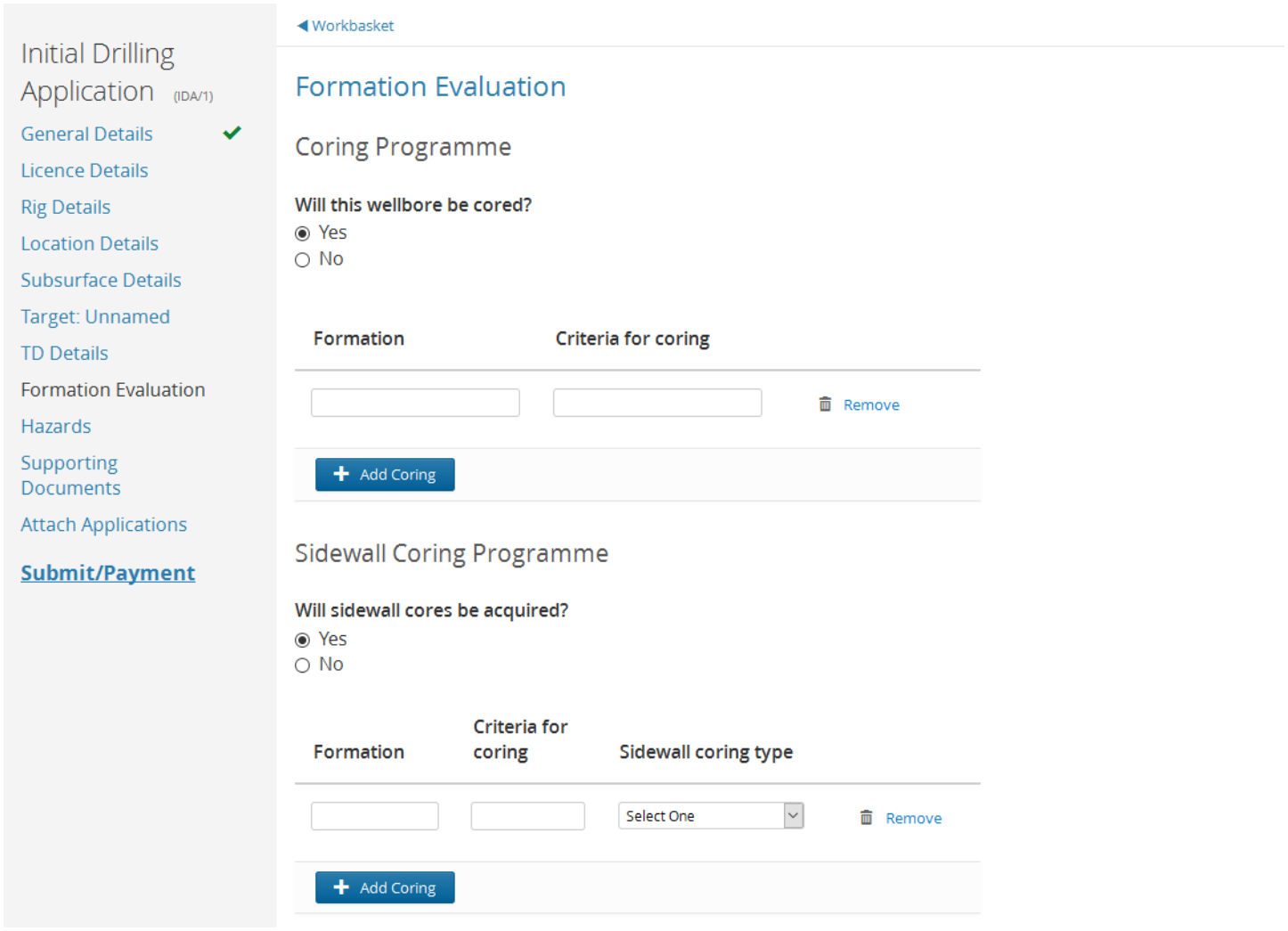
Maximum (bar)

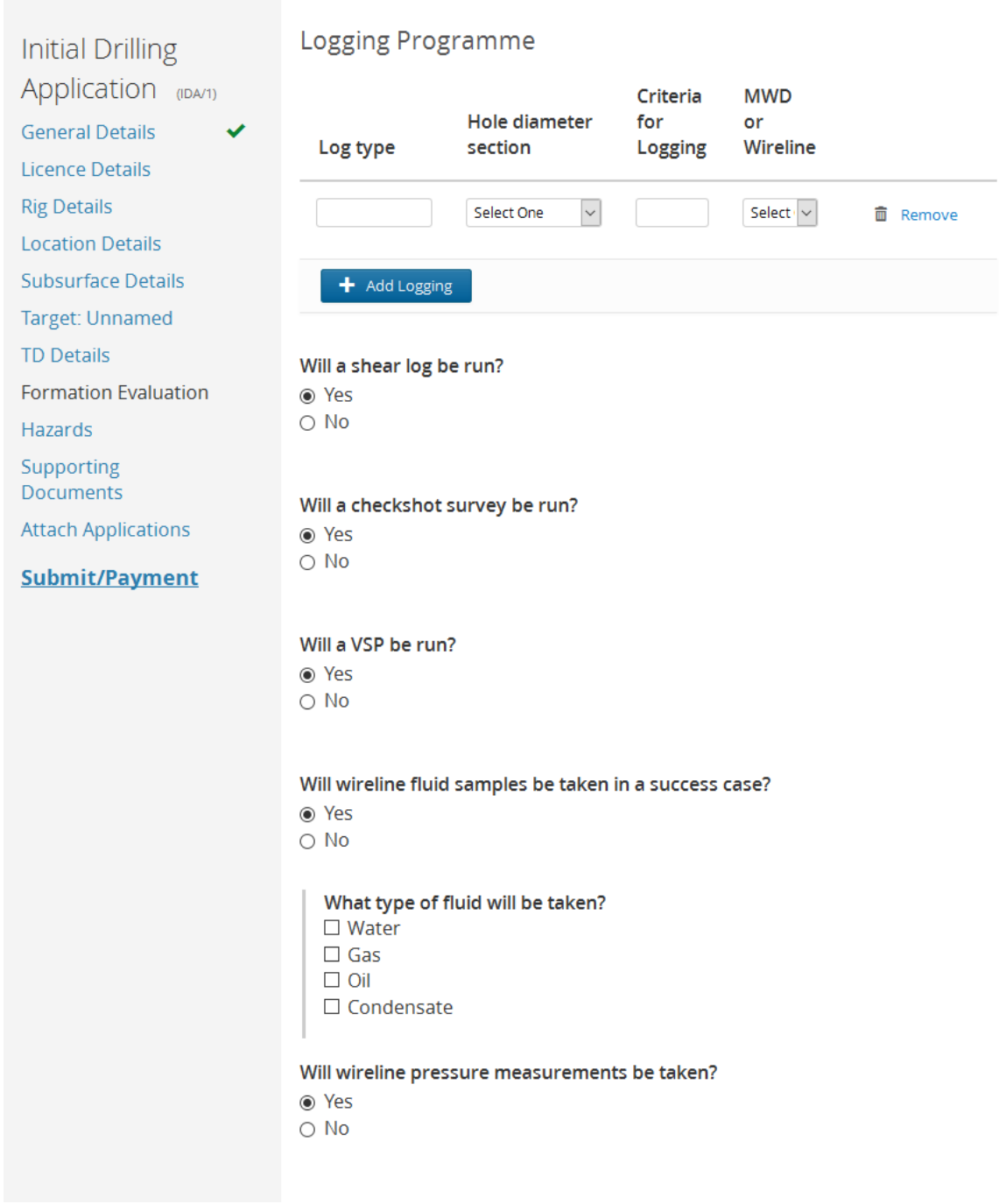
Anticipated TD temperature

Minimum (°C)

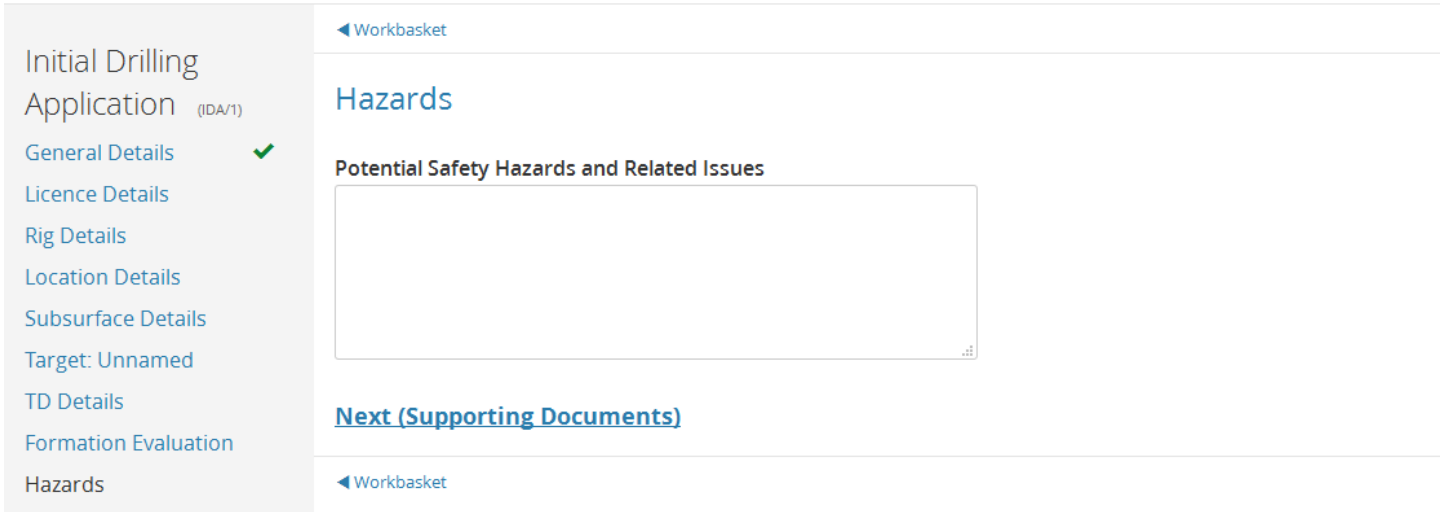
Maximum (°C)

6.14.7 Formation Evaluation

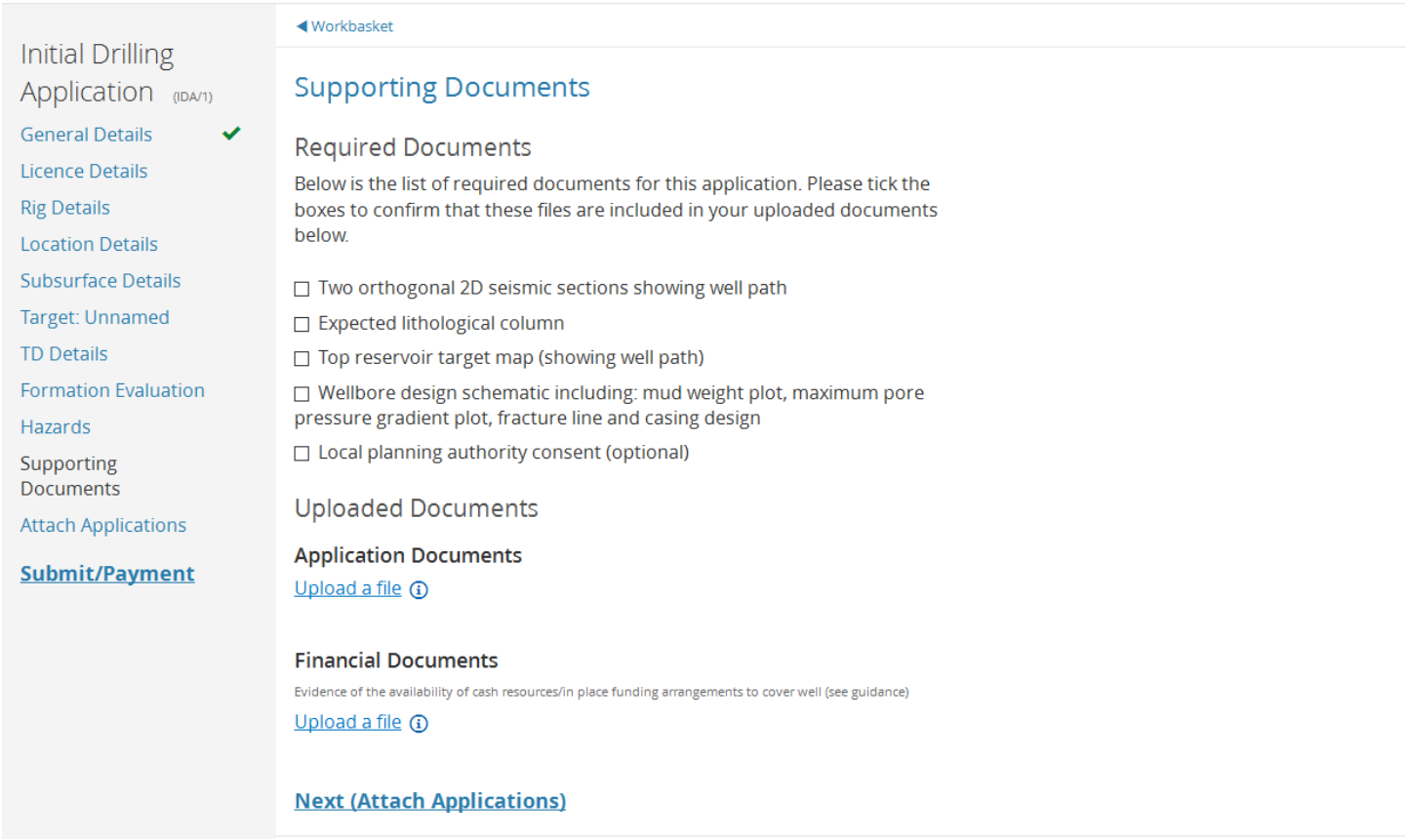




6.14.8 Hazards

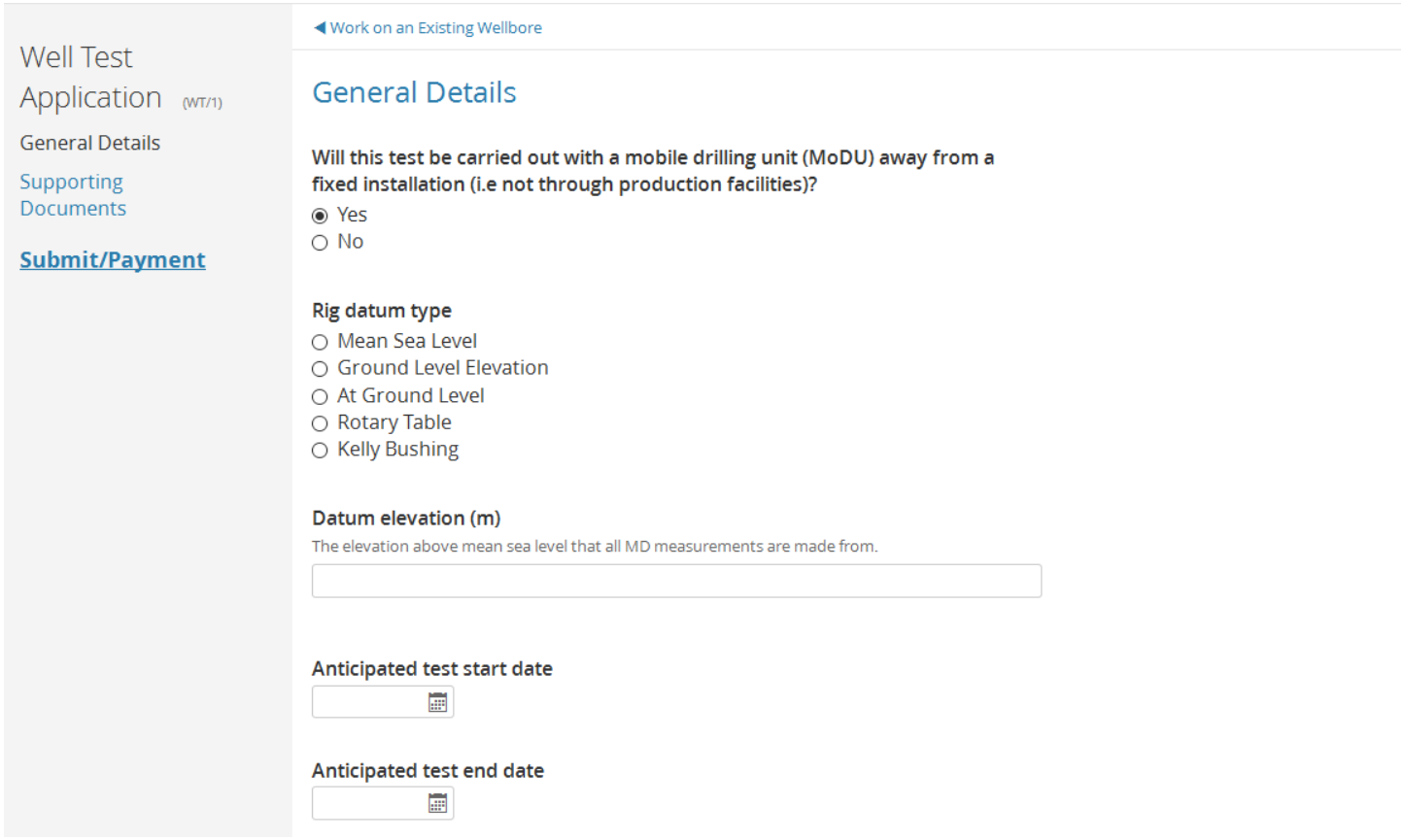


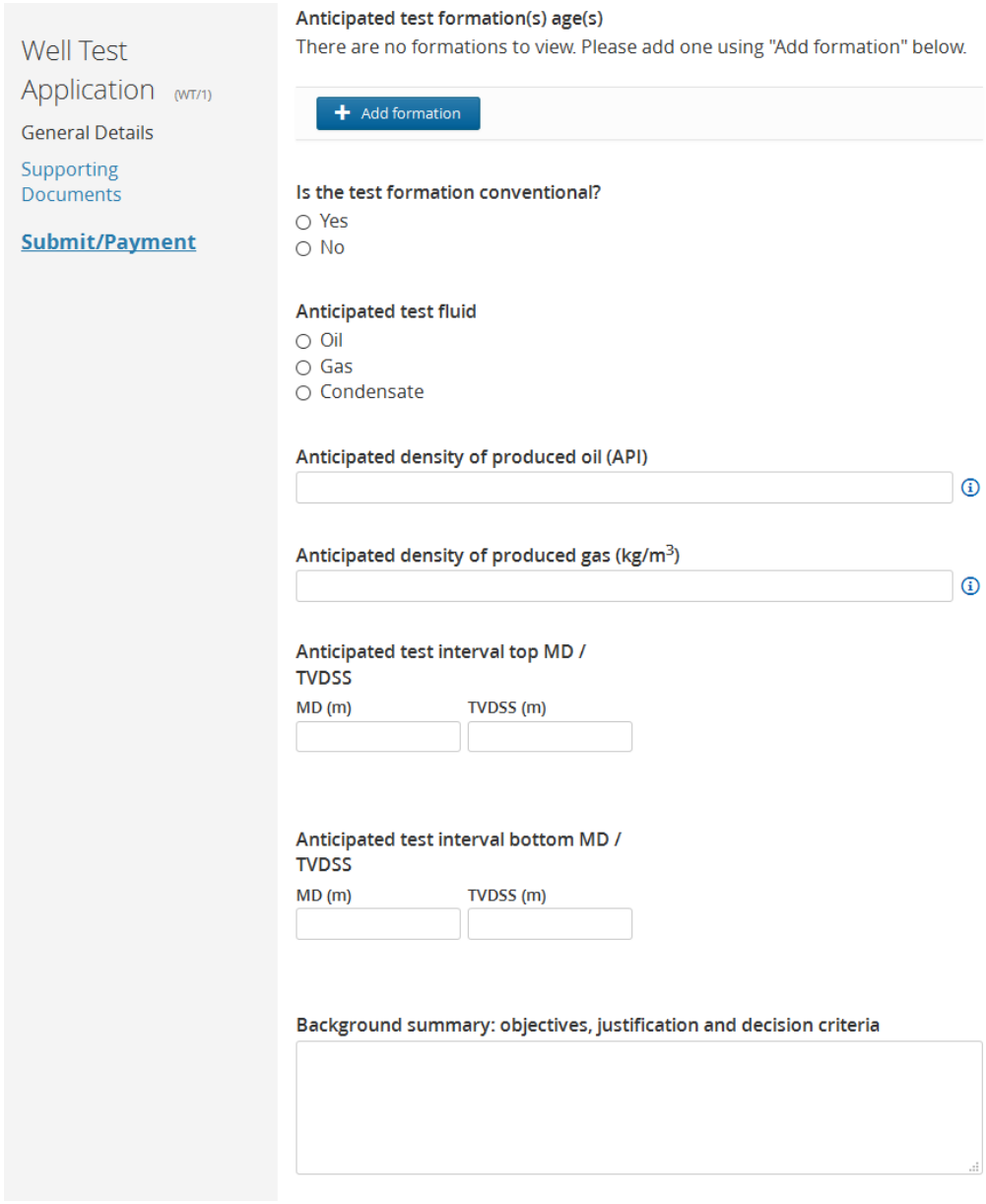
6.14.9 Supporting Documents



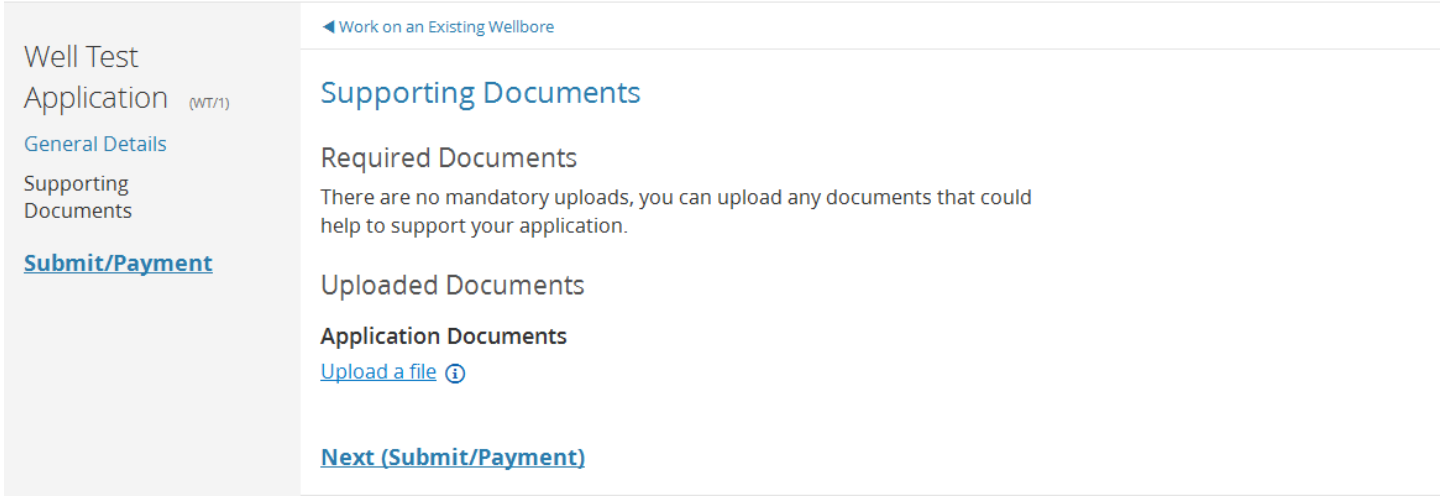
6.15 IDA – Well Test

6.15.1 General Details





6.15.2 Supporting Documents



6.16 IDA – Extended Well Test (EWT)

6.16.1 General Details

Extended Well Test Application (EWT/1)

General Details

Production and Flows

Supporting Documents

Submit/Payment

General Details

Will this test be carried out with a mobile drilling unit (MoDU) away from a fixed installation (i.e not through production facilities)?

- ○ Yes
- ○ No

Rig datum type

- ○ Mean Sea Level
- ○ Ground Level Elevation
- ○ At Ground Level
- ○ Rotary Table
- ○ Kelly Bushing

Datum elevation (m)

The elevation above mean sea level that all MD measurements are made from.

Anticipated test start date

Anticipated test formation(s) age(s)

There are no formations to view. Please add one using "Add formation" below.

+ Add formation

Is the test formation conventional?

- ○ Yes
- ○ No

Anticipated principal test fluid

- ○ Oil
- ○ Gas
- ○ Condensate

Anticipated test interval top MD / TVDSS

MD (m) TVDSS (m)

Anticipated test interval bottom MD / TVDSS

MD (m) TVDSS (m)

Background summary: objectives, justification and decision criteria

Next (Production and Flows)

6.16.2 Production and Flows

Extended Well Test Application (EWT/1)

General Details

Production and Flows

Supporting Documents

Submit/Payment

◀ Work on an Existing Wellbore

Production and Flows

Total anticipated flow (hours)

Is any of this flow period for the purpose of cleanup flow?

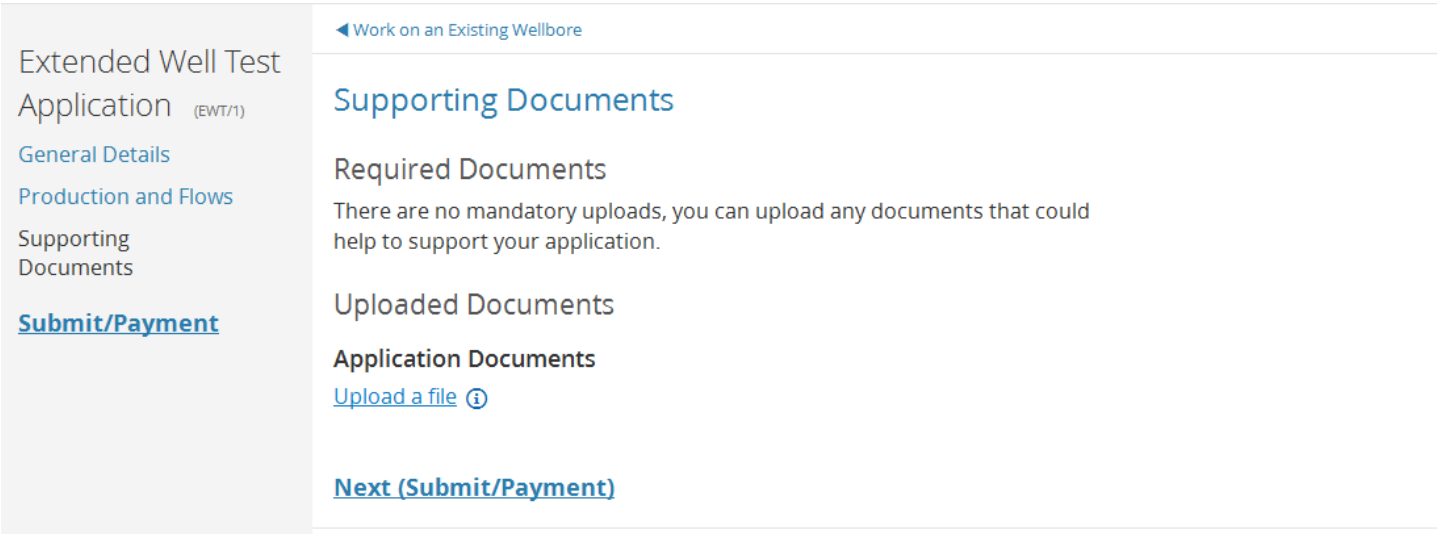
- Yes
- No

Anticipated total oil production from test (tonnes)

Anticipated dry gas production from test (m^3)

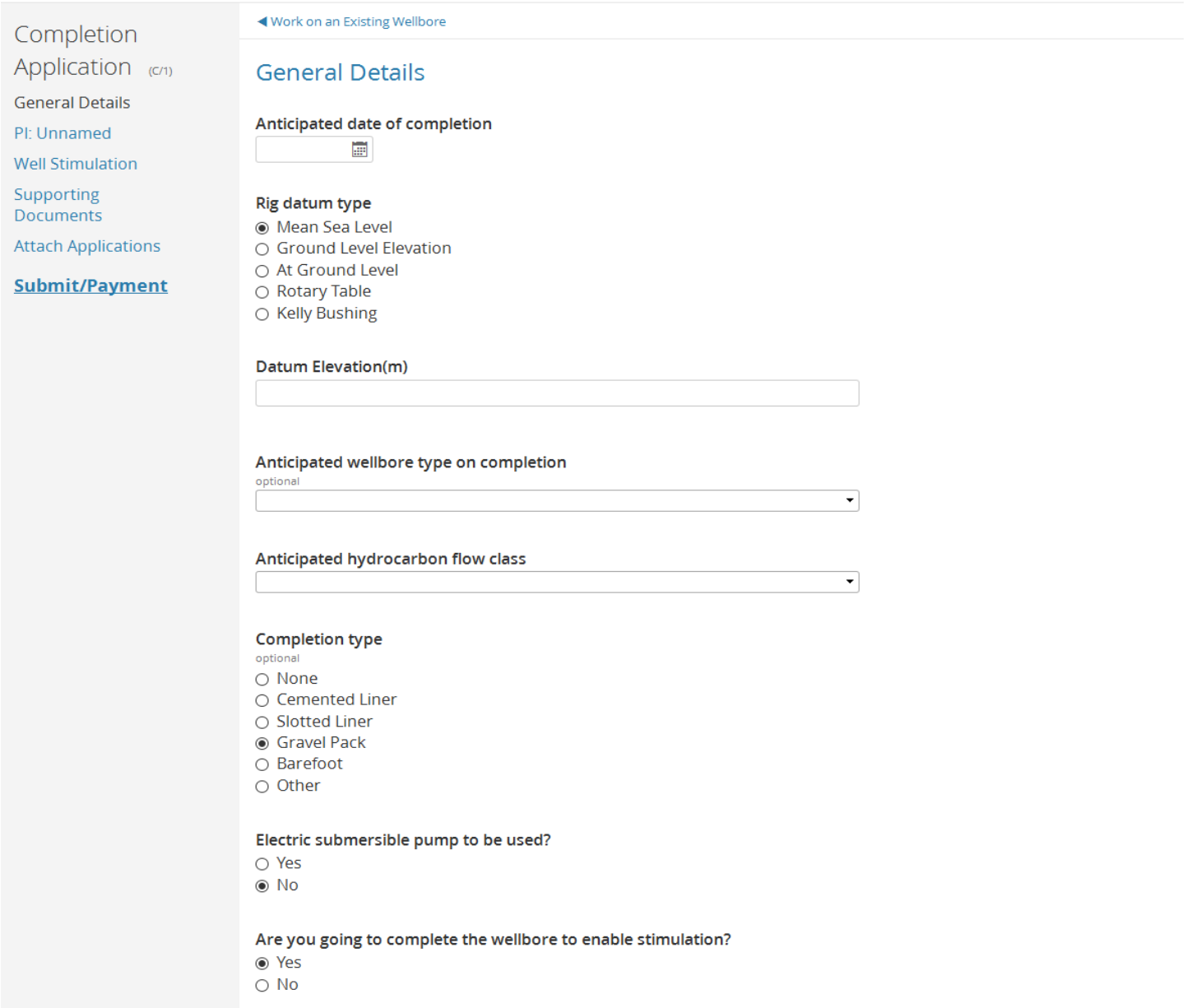
Next (Supporting Documents)

6.16.3 Supporting Documents



6.17 IDA – Completion Application

6.17.1 General Details



Completion Application (C/1)

General Details
PI: Unnamed
Well Stimulation
Supporting Documents
Attach Applications
Submit/Payment

Are you going to complete the wellbore to enable stimulation?
- (•) Yes
- ( ) No

Last casing description

Anticipated total depth of last casing shoe
MD (m) | TVDSS (m)

Anticipated wellbore TD
MD (m) | TVDSS (m)

Wellbore TD formation
optional

Formation

Delete

+ Add Perforation Interval

Next (PI: Unnamed)

6.17.2 PI

Completion Application (C/1)

General Details ✖
PI: PI test 1
Well Stimulation
Supporting Documents
Attach Applications
Submit/Payment

◀ Work on an Existing Wellbore

PI: PI test 1

Upper chronostat

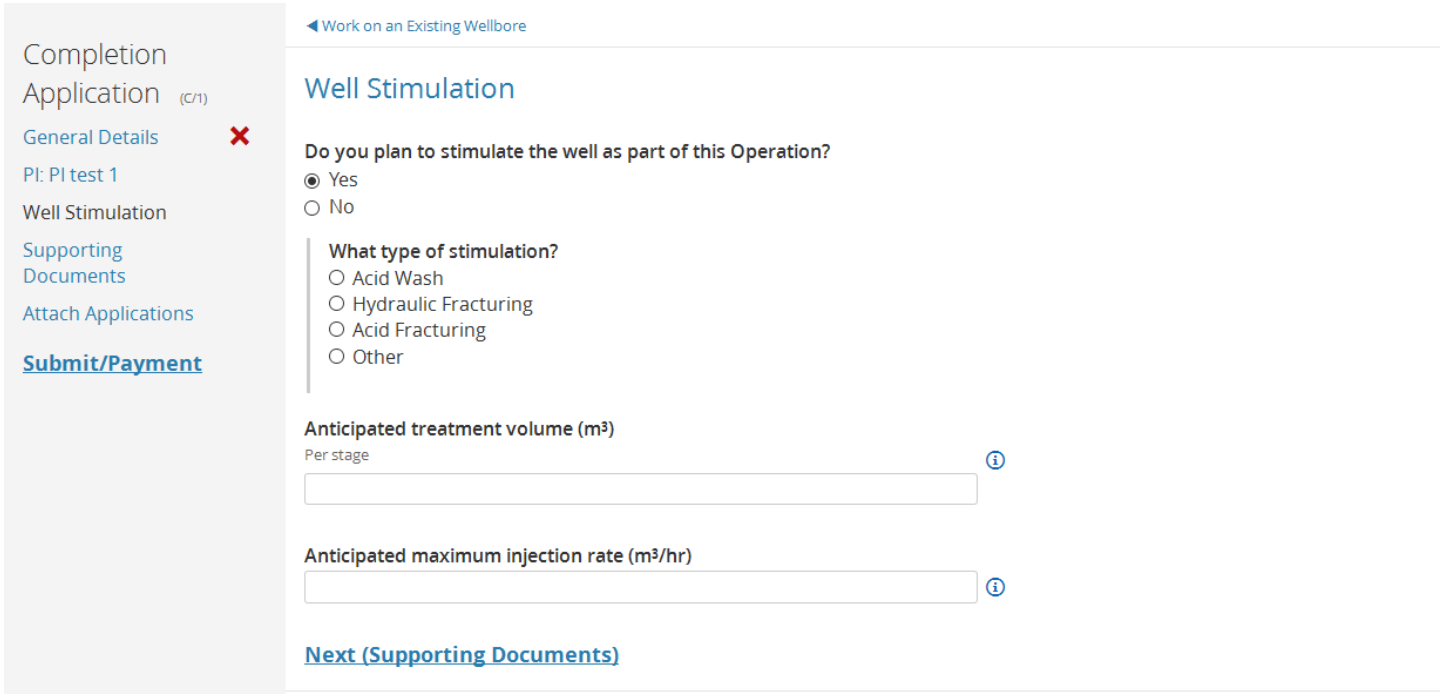
Lower chronostat

Anticipated top perforation depth (m)
MD (m) | TVDSS (m)

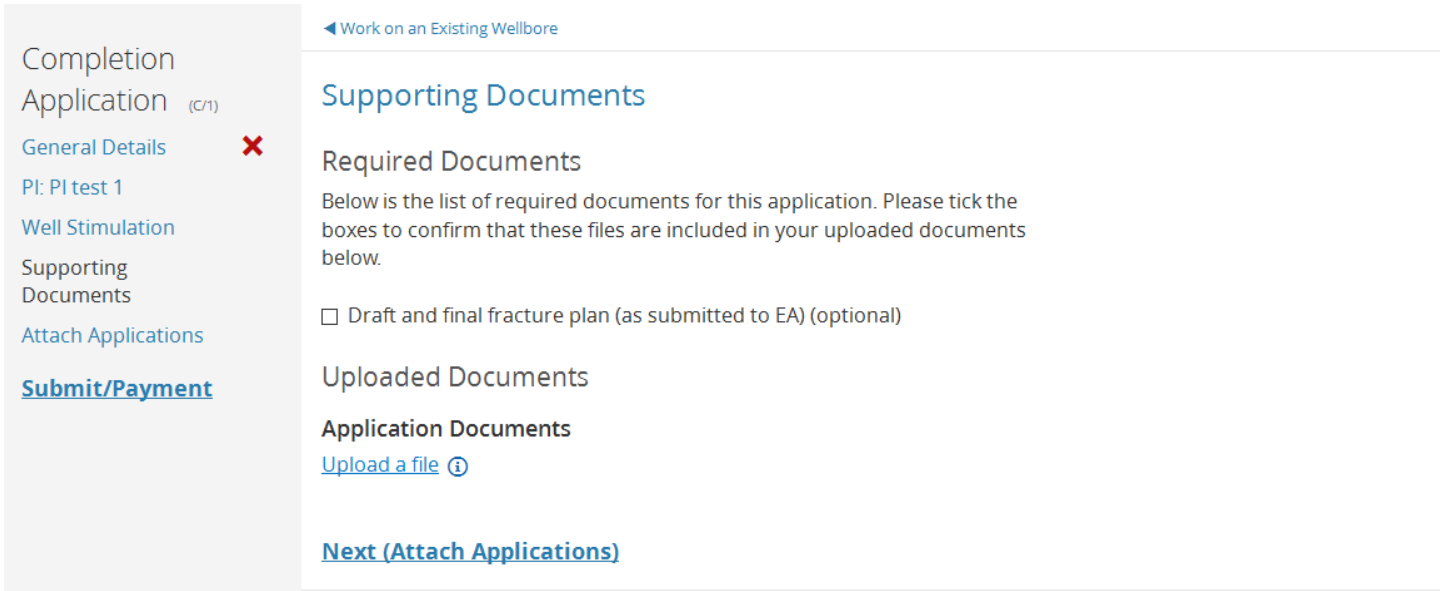
Anticipated bottom perforation depth (m)
MD (m) | TVDSS (m)

Next (Well Stimulation)

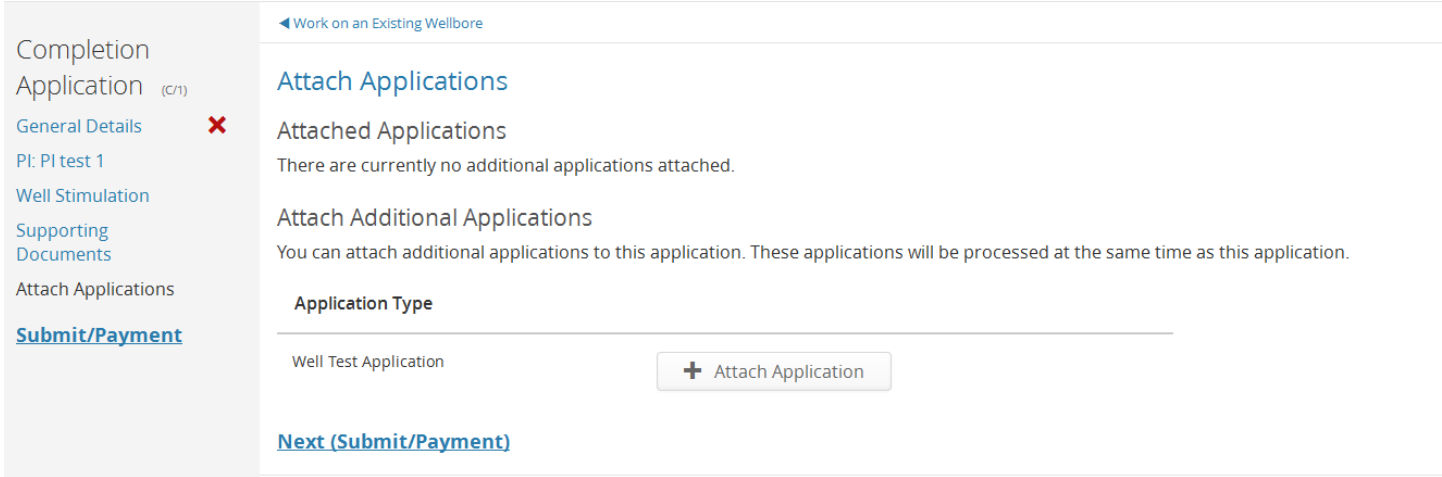
6.17.3 Well Stimulation



6.17.4 Supporting Documents

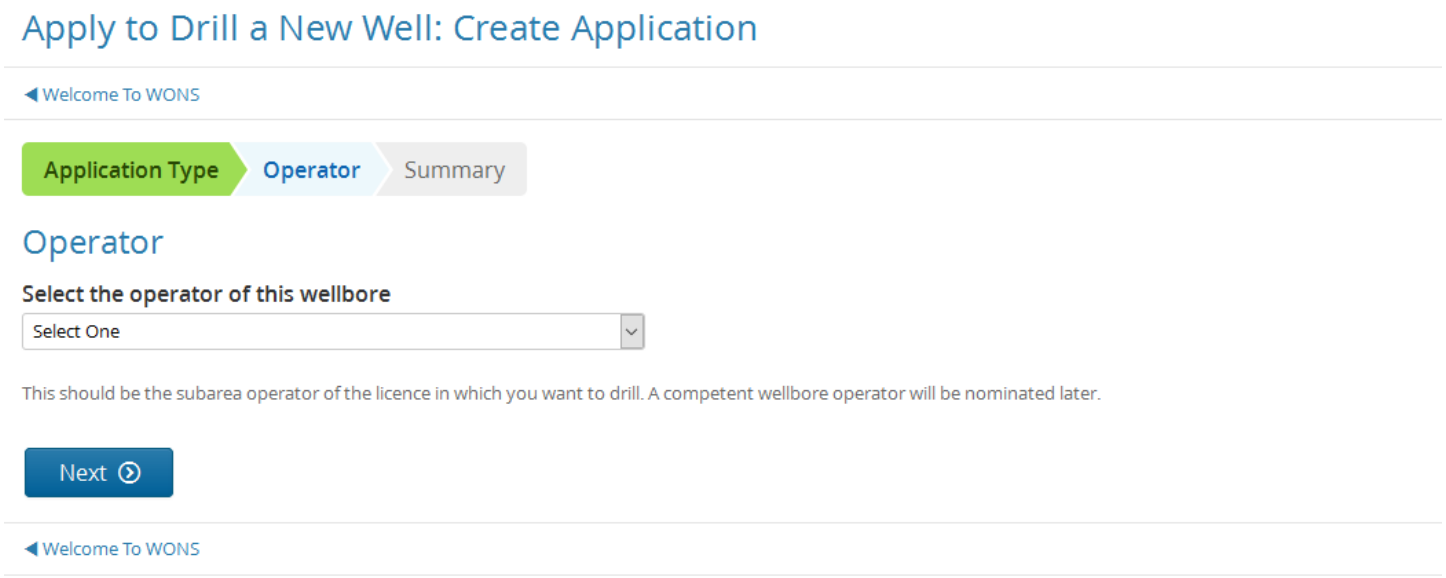


6.17.5 Attach Applications

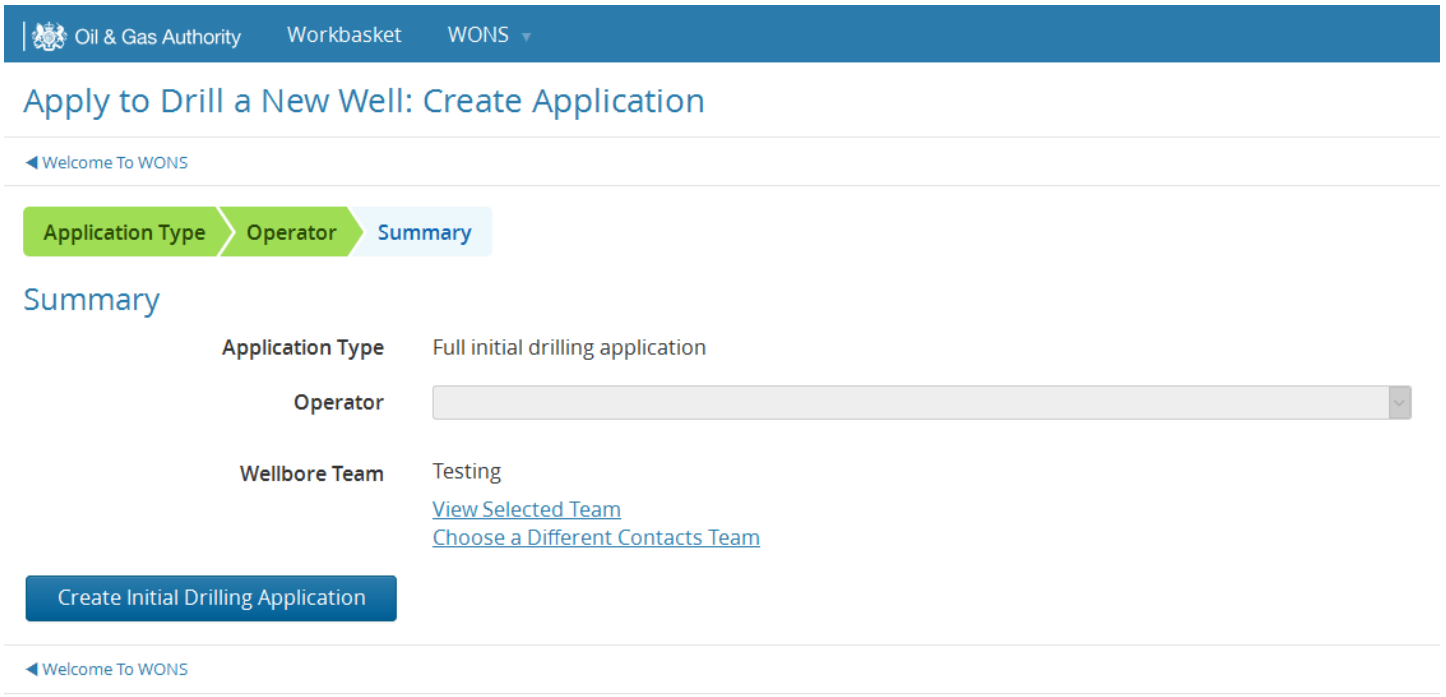


7 Provisional IDA to support a PETS Application

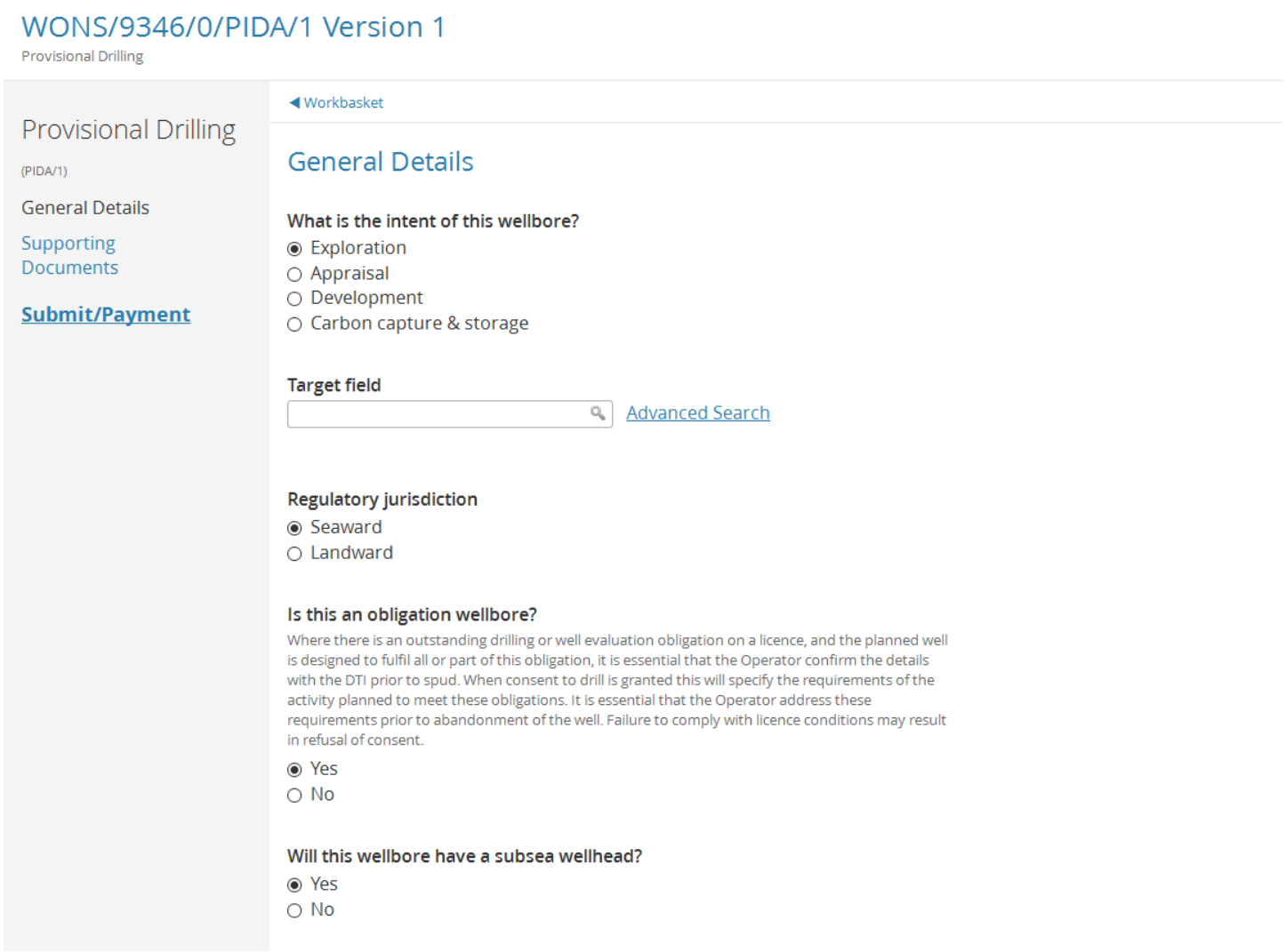
7.1 Select Operator



7.2 Select Team



7.3 General Details



Provisional Drilling

(PIDA/1)

General Details

Supporting Documents

Submit/Payment

Licence number

Search for a licence...

Licensed quadrant and block

Select One

Wellbore platform/template/cluster letter

This letter identifies the platform, template or cluster within the licensed quadrant and block.

Slot number

optional

Operator wellbore name

The operator's own wellbore reference

Anticipated earliest spud date

A well is considered to spud at the time when surface or sea bed formations are first drilled, in the case of exploration and appraisal wells, or when new formation is first drilled below surface casing shoe (generally 20") for development wells.

Anticipated completion date

Surface location

To preview a map, you need to set the **Regulatory Jurisdiction**, **Licence Number** and **Licensed Block**.

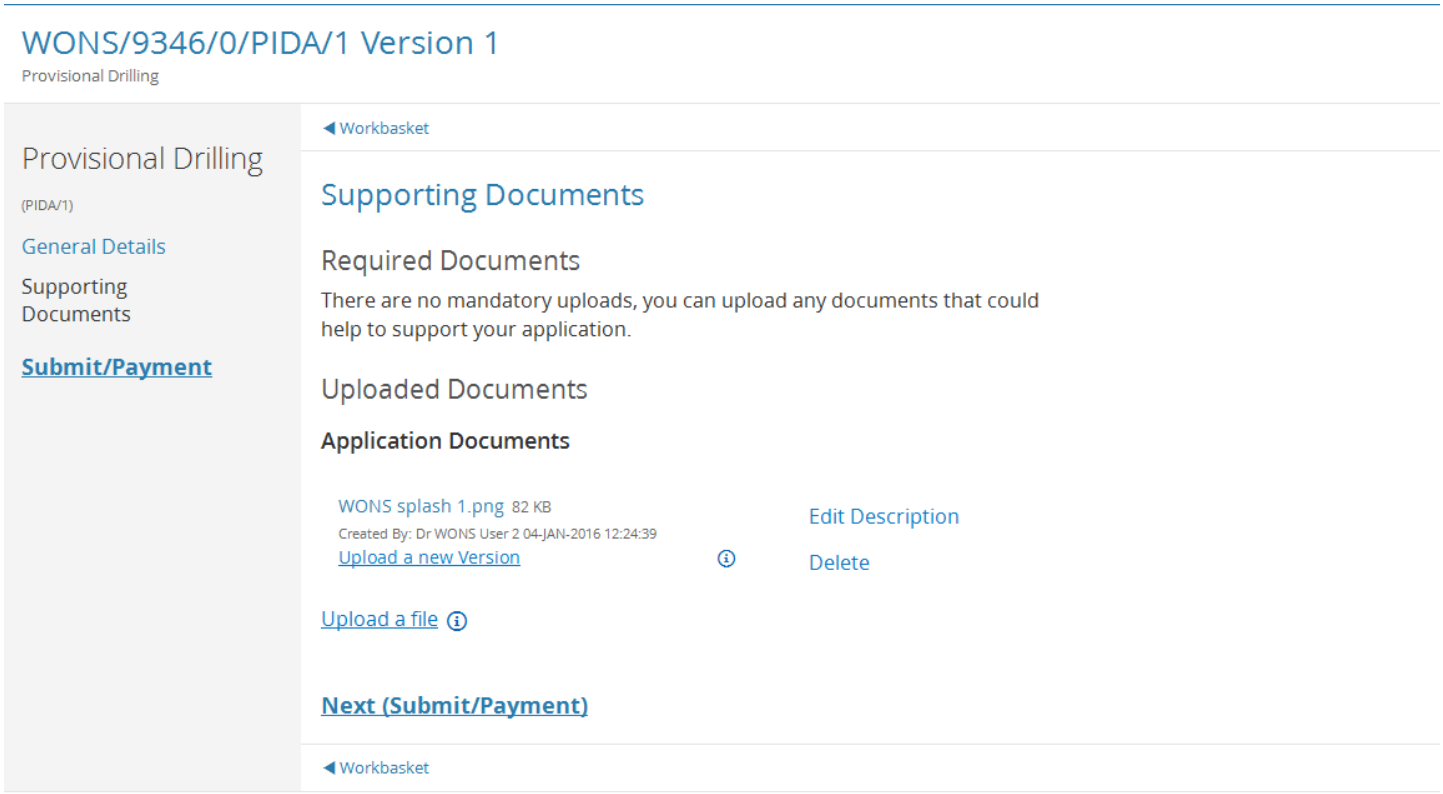
Coordinate Type

- ○ Degrees Minutes Seconds
- ○ Decimal Degrees
- ○ National Grid Reference
- ○ National Grid Easting/Northing

Datum

- ○ WGS84
- ○ OSGB36
- ○ ETRS89
- ○ ED50
- ○ OSGB NG

7.4 Supporting Documents



8 Suspension Application

8.1 General Details

Suspension Application (S/1)

General Details

Mechanical Status Details

Supporting Documents

Submit/Payment

General Details

What is the planned mechanical status of this wellbore?

- (•) Plugged
- ( ) Abandoned Phase 1
- ( ) Abandoned Phase 2

Rig datum type

- ( ) Mean Sea Level
- ( ) Ground Level Elevation
- ( ) At Ground Level
- ( ) Rotary Table
- ( ) Kelly Bushing

Datum elevation (m)

The elevation above mean sea level that all MD measurements are made from.

What is the reason for suspending operations on this wellbore?

- ( ) Discovery
- ( ) Operational
- (•) Mechanical

What is the planned re-entry date of this wellbore?

Anticipated category of suspension

- ( ) 1
- ( ) 2.1
- ( ) 2.2
- ( ) 3

Will this wellhead be situated within a 500m safety zone?

- ( ) Yes
- ( ) No

Is any wellhead protection planned?

- ( ) Yes
- ( ) No

Suspension Application (S/1)

General Details

Mechanical Status Details

Supporting Documents

Submit/Payment

Will this wellhead be situated within a 500m safety zone?

- ○ Yes
- ○ No

Is any wellhead protection planned?

- ○ Yes
- ○ No

Dimensions of wellhead and any protective structure above seabed

Height (m)

Width (m)

Length (m)

Is the wellbore capable of natural flow to surface?

- ○ Yes
- ○ No

Are H_2S or CO_2 present in this wellbore?

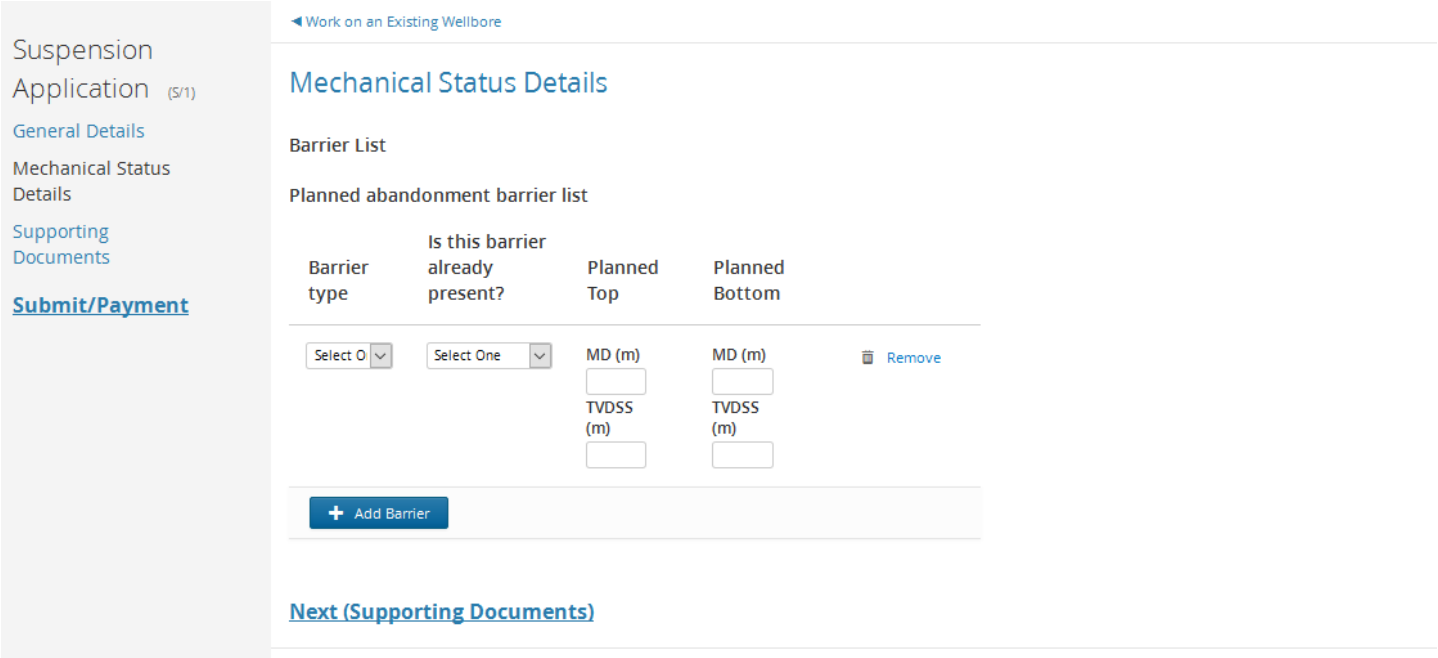
- ○ Yes
- ○ No

Planned design of barriers

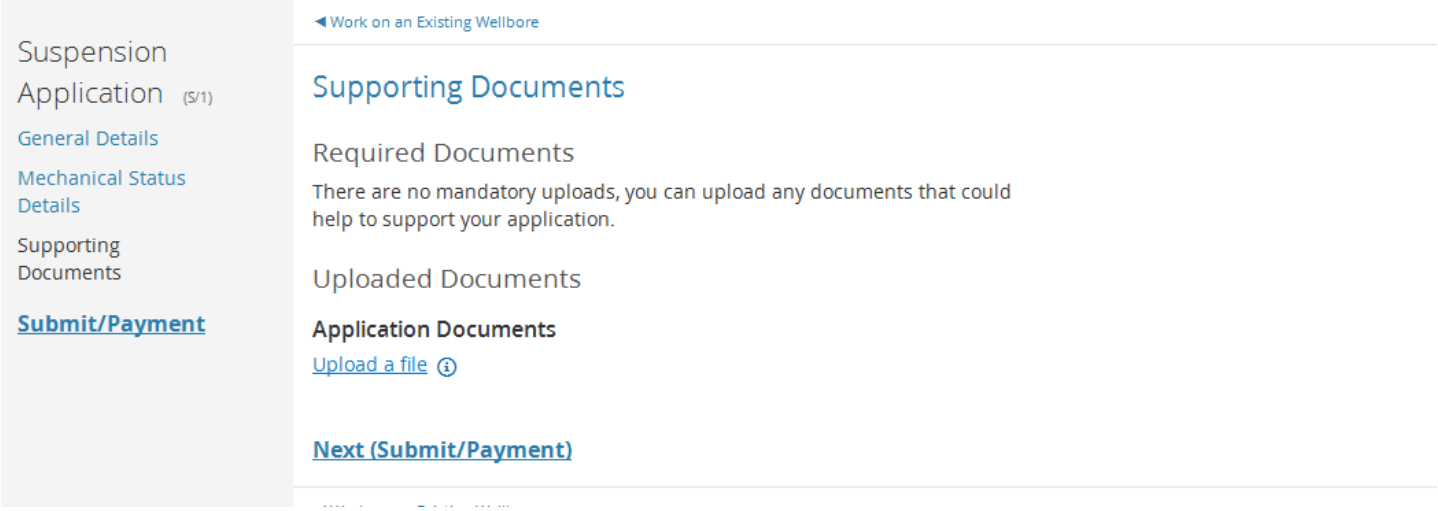
Please provide any background information and justification for suspending this wellbore

Next (Mechanical Status Details)

8.2 Mechanical Status Details

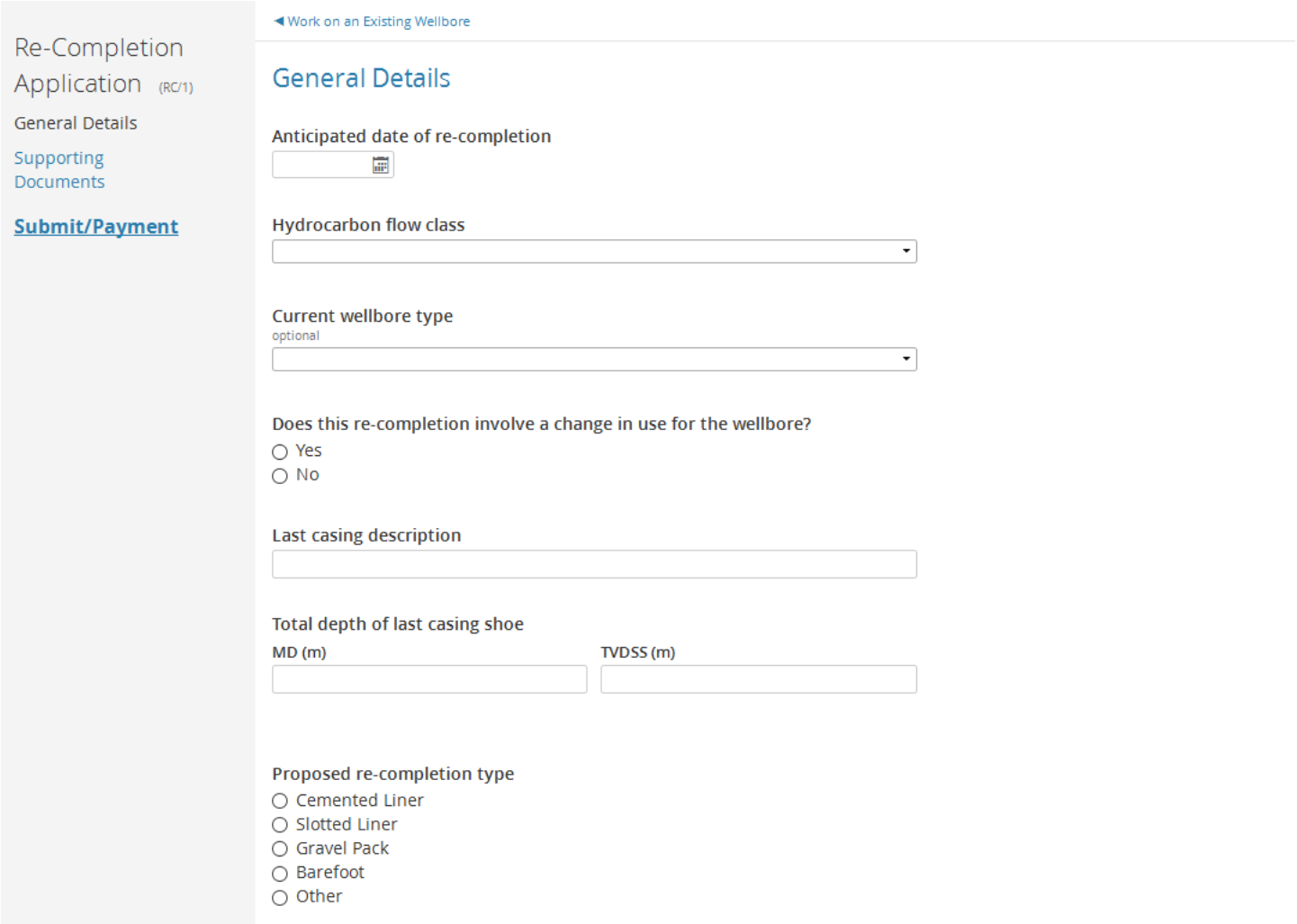


8.3 Supporting Documents



9 Re-Completion Application

9.1 General Details



Re-Completion Application (RC/1)

General Details

Supporting Documents

Submit/Payment

Proposed re-completion type

- ○ Cemented Liner
- ○ Slotted Liner
- ○ Gravel Pack
- ○ Barefoot
- ○ Other

Rig datum type

- ○ Mean Sea Level
- ○ Ground Level Elevation
- ○ At Ground Level
- ○ Rotary Table
- ○ Kelly Bushing

Elevation (m)

Are you going to recomplete the wellbore to enable stimulation?

- ○ Yes
- ○ No

Anticipated perforation intervals

There are no perforation interval's provided. Please add a perforation interval by clicking "Add Perforation Interval" below.

+ Add Perforation Interval

Backgroud summary: objectives, justification and decision

Next (Supporting Documents)

9.2 Supporting Details

Re-Completion Application (RC/1)

General Details

Supporting Documents

Submit/Payment

◄ Work on an Existing Wellbore

Supporting Documents

Required Documents

There are no mandatory uploads, you can upload any documents that could help to support your application.

Uploaded Documents

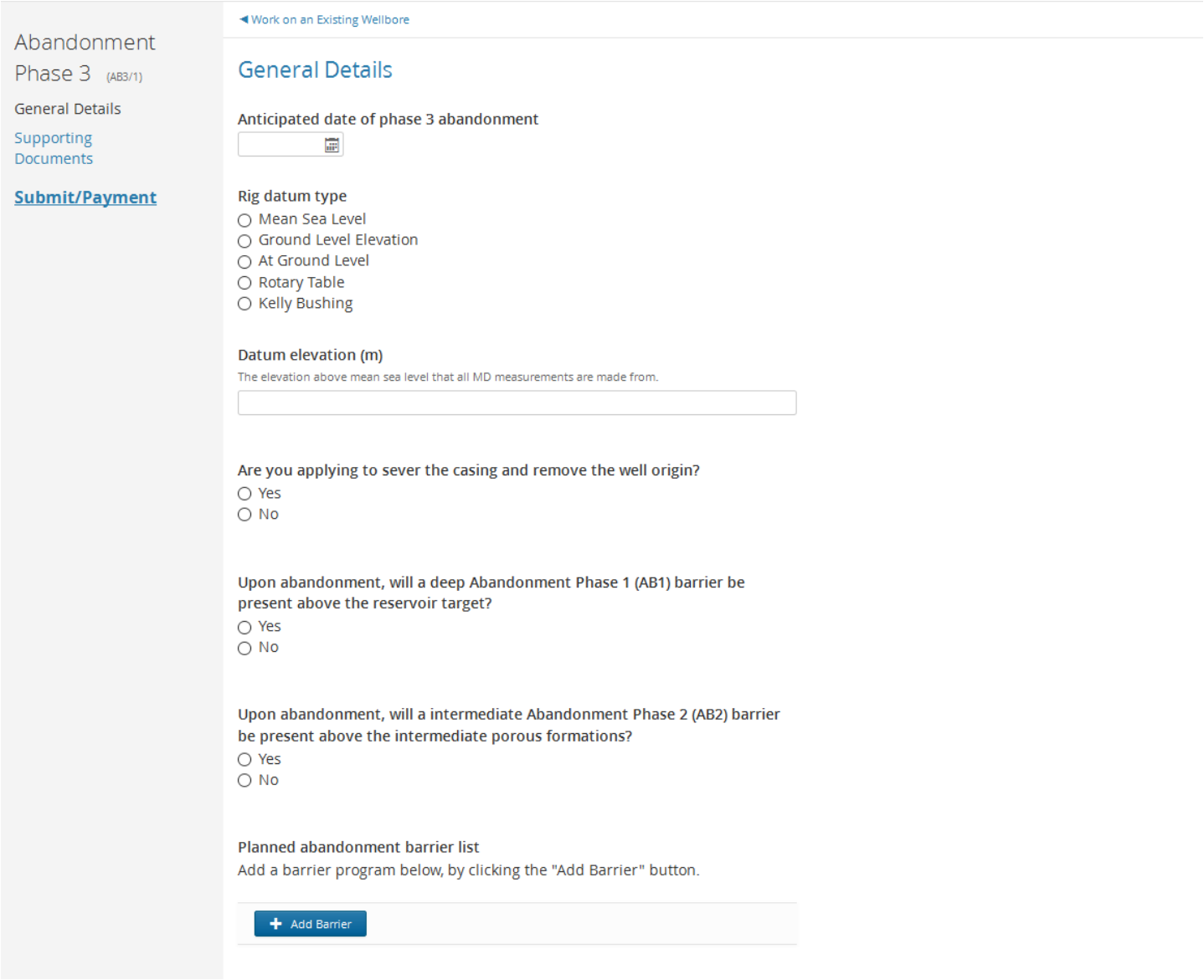
Application Documents

Upload a file

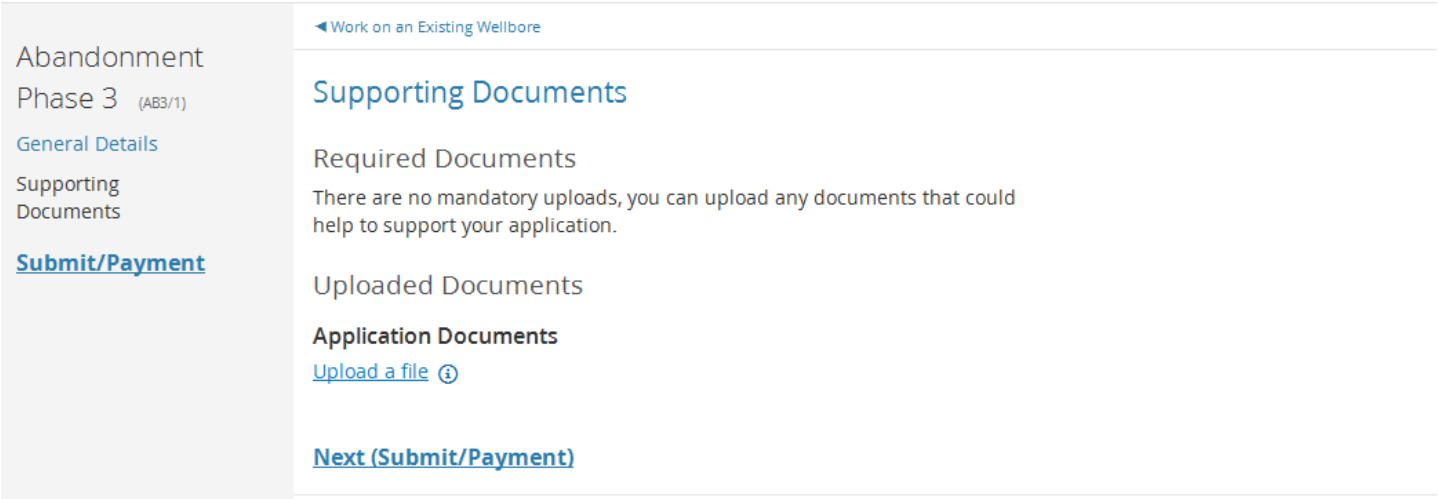
Next (Submit/Payment)

10 Abandonment Phase 3 Application

10.1 General Details



10.2 Supporting Documents



11 Other Applications

Below is a list of applications you can submit to the OGA along with the necessary criteria

---

Applications

Start a Geological Sidetrack Application

- ✔ Can have **any** amount of this application type submitted over the wellbore's lifetime.
  Wellbore has had **0** applications.
- ✔ Can have **any** amount of currently active applications of this type.
  Wellbore has **0** active applications.
- ✔ Must have the operational status of **Planned**, **Constructing**, **Constructed** or **Suspended**.
  Wellbore's operational status is **Planned**.

Start a Well Test Application

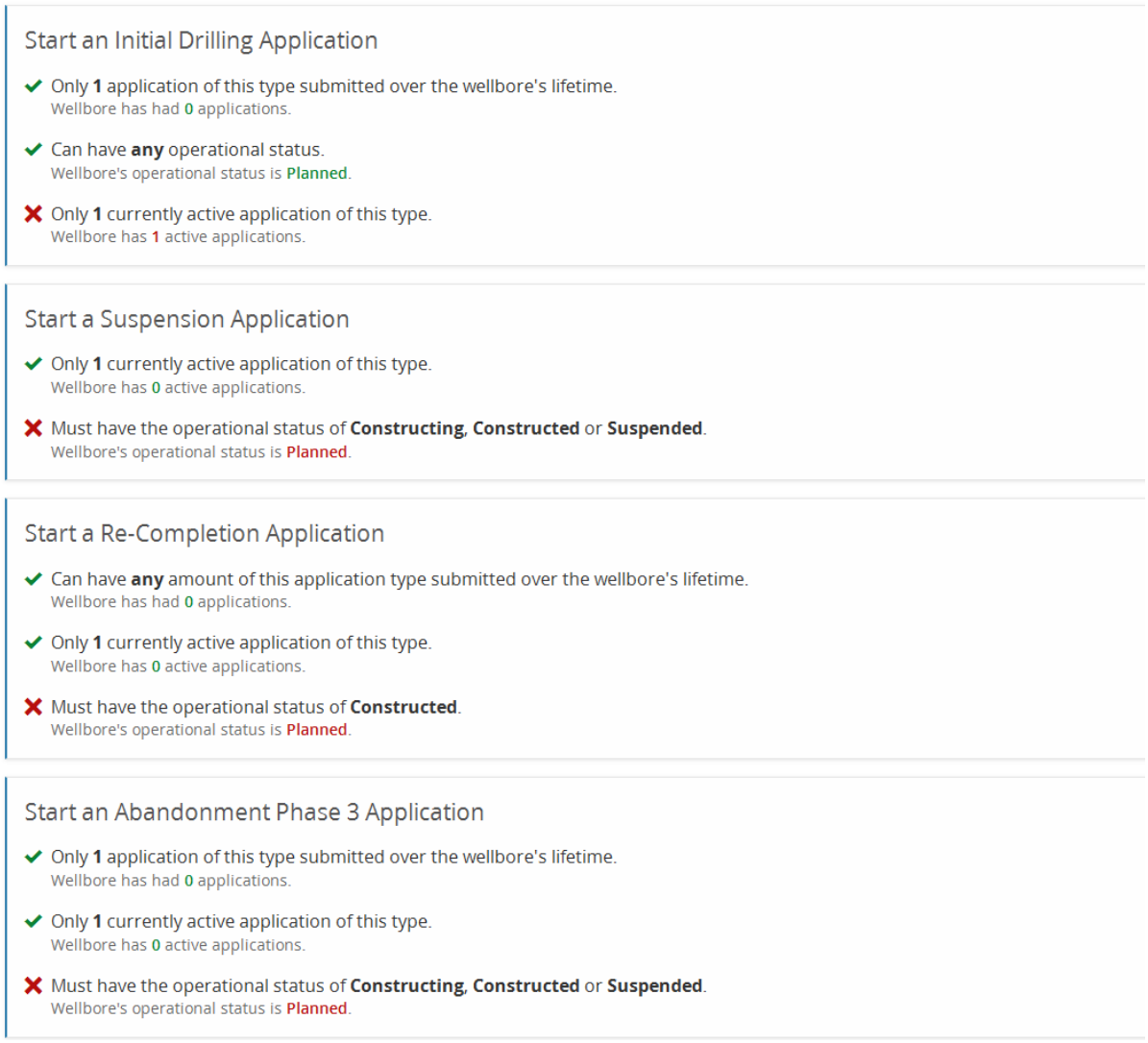
- ✔ Can have **any** amount of this application type submitted over the wellbore's lifetime.
  Wellbore has had **0** applications.
- ✔ Only **1** currently active application of this type.
  Wellbore has **0** active applications.
- ✔ Must have the operational status of **Planned**, **Constructing** or **Constructed**.
  Wellbore's operational status is **Planned**.

Start an Extended Well Test Application

- ✔ Can have **any** amount of this application type submitted over the wellbore's lifetime.
  Wellbore has had **0** applications.
- ✔ Only **1** currently active application of this type.
  Wellbore has **0** active applications.
- ✔ Must have the operational status of **Planned**, **Constructing** or **Constructed**.
  Wellbore's operational status is **Planned**.

Start a Completion Application

- ✔ Only **1** application of this type submitted over the wellbore's lifetime.
  Wellbore has had **0** applications.
- ✔ Only **1** currently active application of this type.
  Wellbore has **0** active applications.
- ✔ Must have the operational status of **Planned** or **Constructing**.
  Wellbore's operational status is **Planned**.



Screen shots of the screens will appear shortly

12 Notifications

12.1 List of Notifications

Notifications

- Start an Abandonment Phase 3 Notification
- Start a Well Test Notification
- Start an Extended Well Test Notification
- Start a Spud Notification
- Start a Completion Notification
- Start a Recompletion Notification
- Start a Wellbore Update Notification
- Start a Respud Notification
- Start a Geological Sidetrack Notification
- Start a Re-Entry Notification
- Start a Mechanical Sidetrack Notification
- Start a Shut In Notification
- Start a Reopen Notification
- Start a Suspension Notification

12.2 Notification criteria

Notifications

Start an Abandonment Phase 3 Notification

✗ Must have an active **Abandonment Phase 3** consent.
Wellbore **does not** have an active consent.

✗ Must have the operational status of **Constructed** or **Suspended**.
Wellbore's operational status is **Planned**.

Start a Well Test Notification

✗ Must have an active **Well Test** consent.
Wellbore **does not** have an active consent.

✗ Must have the operational status of **Constructing** or **Constructed**.
Wellbore's operational status is **Planned**.

Start an Extended Well Test Notification

✗ Must have an active **Extended Well Test** consent.
Wellbore **does not** have an active consent.

✗ Must have the operational status of **Constructing** or **Constructed**.
Wellbore's operational status is **Planned**.

Start a Spud Notification

✓ Must have the operational status of **Planned**.
Wellbore's operational status is **Planned**.

✗ Must have an active **Initial Drilling** consent.
Wellbore **does not** have an active consent.

Start a Completion Notification

✗ Must have an active **Completion** consent.
Wellbore **does not** have an active consent.

✗ Must have the operational status of **Constructing**.
Wellbore's operational status is **Planned**.

Start a Recompletion Notification

✗ Must have an active **Re-Completion** consent.
Wellbore does not have an active consent.

✗ Must have the operational status of **Constructed**.
Wellbore's operational status is Planned.

Start a Wellbore Update Notification

✓ No consent is required.

✗ Must have the operational status of **Constructing**, **Constructed** or **Suspended**.
Wellbore's operational status is Planned.

Start a Respud Notification

✓ Original wellbore not have a **Geological Sidetrack Notification** or **Mechanical Sidetrack Notification**.

✗ Must have an active **Respud** consent.
Wellbore does not have an active consent.

✗ Must have a Wellbore Update Notification submitted to the original wellbore within the last 7 days (**28/12/2015**)
No submitted Wellbore Update Notification exists on the original wellbore.

Start a Geological Sidetrack Notification

✗ Must have an active **Geological Sidetrack** consent.
Wellbore does not have an active consent.

✗ Must have the operational status of **Constructing**, **Constructed** or **Suspended**.
Wellbore's operational status is Planned.

✗ Must have a Wellbore Update Notification submitted within the last 7 days (**28/12/2015**)
No submitted Wellbore Update Notification exists on wellbore.

Start a Re-Entry Notification

✗ Must have an active **Suspension** consent.
Wellbore does not have an active consent.

✗ Must have the operational status of **Suspended**.
Wellbore's operational status is Planned.

Start a Mechanical Sidetrack Notification

✗ Must have an active **Mechanical Sidetrack** consent.
Wellbore **does not** have an active consent.

✗ Must have the operational status of **Constructing**.
Wellbore's operational status is **Planned**.

✗ Must have a Wellbore Update Notification submitted within the last 7 days (**28/12/2015**)
No submitted Wellbore Update Notification exists on wellbore.

Start a Shut In Notification

✓ No consent is required.

✗ Must have the mechanical status of **Completed (Operating)**.
Wellbore's mechanical status is **Planned**.

✗ Must have the operational status of **Constructed**.
Wellbore's operational status is **Planned**.

Start a Reopen Notification

✓ No consent is required.

✗ Must have the mechanical status of **Completed (Shut In)**.
Wellbore's mechanical status is **Planned**.

✗ Must have the operational status of **Constructed**.
Wellbore's operational status is **Planned**.

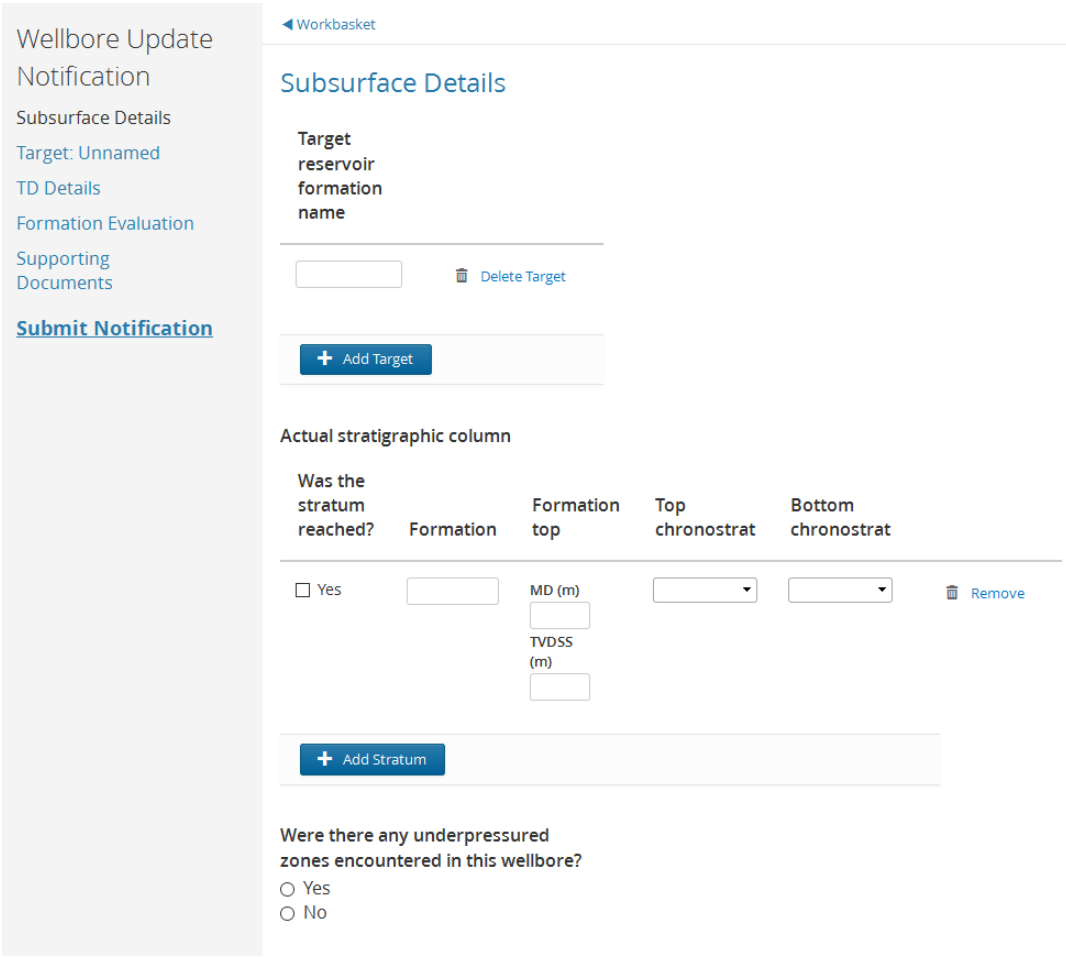
Start a Suspension Notification

✗ Must have an active **Suspension** consent.
Wellbore **does not** have an active consent.

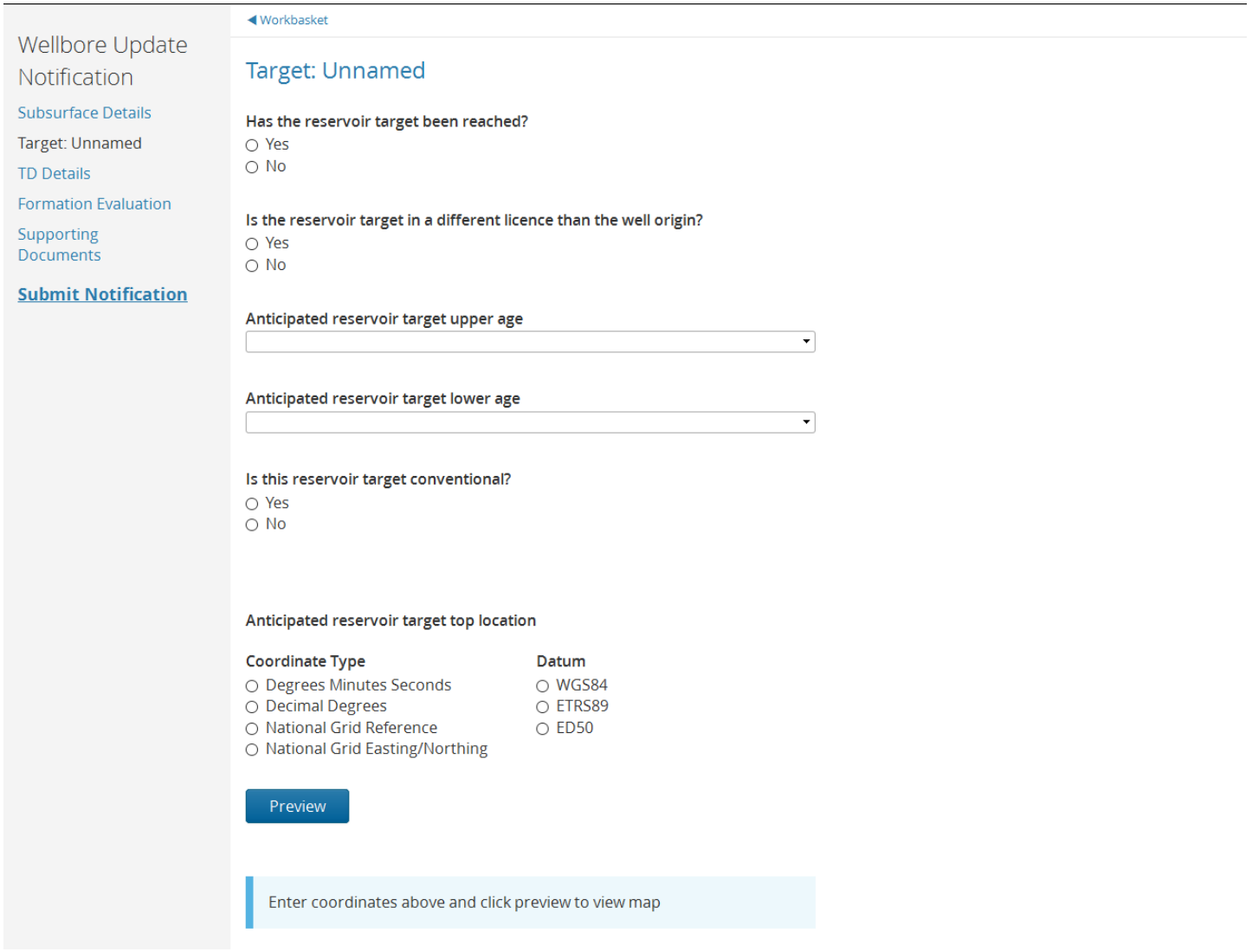
✗ Must have the operational status of **Constructing** or **Constructed**.
Wellbore's operational status is **Planned**.

12.3 Wellbore Update Notification

12.3.1 Subsurface Details



12.3.2 Target


Wellbore Update Notification
Subsurface Details
Target: Unnamed
TD Details
Formation Evaluation
Supporting Documents
Submit Notification
◀ Workbasket
Target: Unnamed
Has the reservoir target been reached?
Yes
No
Is the reservoir target in a different licence than the well origin?
Yes
No
Anticipated reservoir target upper age
Anticipated reservoir target lower age
Is this reservoir target conventional?
Yes
No
Anticipated reservoir target top location
Coordinate Type
Degrees Minutes Seconds
Decimal Degrees
National Grid Reference
National Grid Easting/Northing
Datum
WGS84
ETRS89
ED50
Preview
Enter coordinates above and click preview to view map

Wellbore Update Notification

Subsurface Details

Target: Unnamed

TD Details

Formation Evaluation

Supporting Documents

Submit Notification

Anticipated reservoir target top depth

MD (m) | TVDSS (m)

Anticipated reservoir target bottom depth

MD (m) | TVDSS (m)

Anticipated gross thickness (m)

Anticipated net-to-gross (%)

Anticipated net pay (m)

Anticipated maximum closure (m)

Anticipated reservoir fluid (please select all that apply)

- ☐ Oil
- ☐ Gas
- ☐ Condensate

Anticipated average porosity range

Anticipated lowest average porosity

Anticipated higest average porosity

Wellbore Update Notification

Subsurface Details

Target: Unnamed

TD Details

Formation Evaluation

Supporting Documents

Submit Notification

Anticipated water saturation (Sw)
optional

What is the anticipated source rock formation?
optional

Anticipated reservoir pressure
Minimum (PSI)

Maximum (PSI)

Anticipated reservoir temperature
Minimum (°C)

Maximum (°C)

Overall pressure/temperature classification

- ○ NP
- ○ HP
- ○ UHP

- ○ NT
- ○ HT
- ○ UHT

Wellbore Update Notification

Subsurface Details
Target: Unnamed
TD Details
Formation Evaluation
Supporting Documents

Submit Notification

TD Details

Has the TD been reached?
- ○ Yes
- ○ No

TD age

TD formation

TD depth

MD (m) | TVDSS (m)

Actual TD location

Coordinate Type
- ○ Degrees Minutes Seconds
- ○ Decimal Degrees
- ○ National Grid Reference
- ○ National Grid Easting/Northing

Datum
- ○ WGS84
- ○ ETRS89
- ○ ED50

Preview

Enter coordinates above and click preview to view map

12.3.3 Total Details

Wellbore Update Notification

Subsurface Details
Target: Unnamed
TD Details
Formation Evaluation
Supporting Documents

Submit Notification

Preview

Enter coordinates above and click preview to view map

Was the TD in a different licence than the well origin?
- ○ Yes
- ○ No

Actual TD mud weight (ppg)

Actual TD pressure

Minimum (PSI)

Maximum (PSI)

Actual TD temperature

Minimum (°C)

Maximum (°C)

12.3.4 Formation Evaluation

Wellbore Update Notification

Subsurface Details

Target: Unnamed

TD Details

Formation Evaluation

Supporting Documents

Submit Notification

Formation Evaluation

Coring Programme

Was this wellbore cored?

- ○ Yes
- ○ No

Sidewall Coring Programme

Were sidewall cores acquired?

- ○ Yes
- ○ No

Logging Programme

Add a Logging programme below, by clicking the "Add Wireline Logging" button.

+ Add Logging

Was a shear log run?

- ○ Yes
- ○ No

Was a checkshot survey run?

- ○ Yes
- ○ No

Was a VSP run?

- ○ Yes
- ○ No

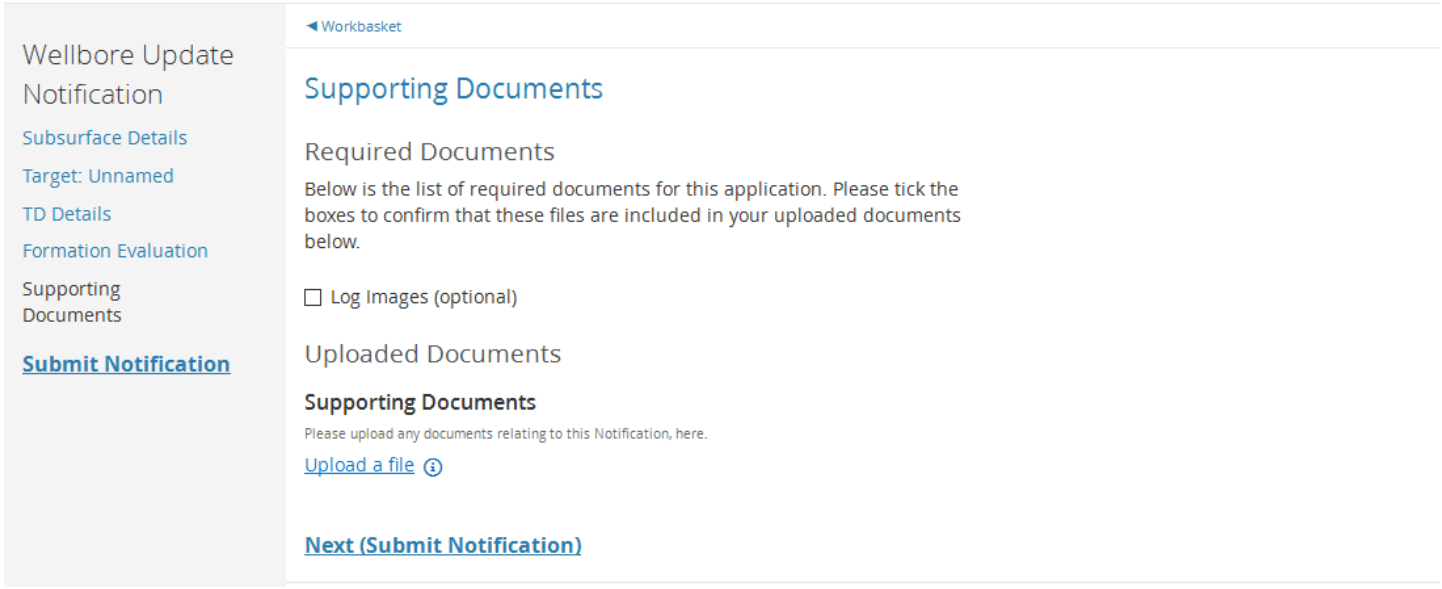
Were wireline fluid samples taken?

- ○ Yes
- ○ No

Were wireline pressure measurements taken?

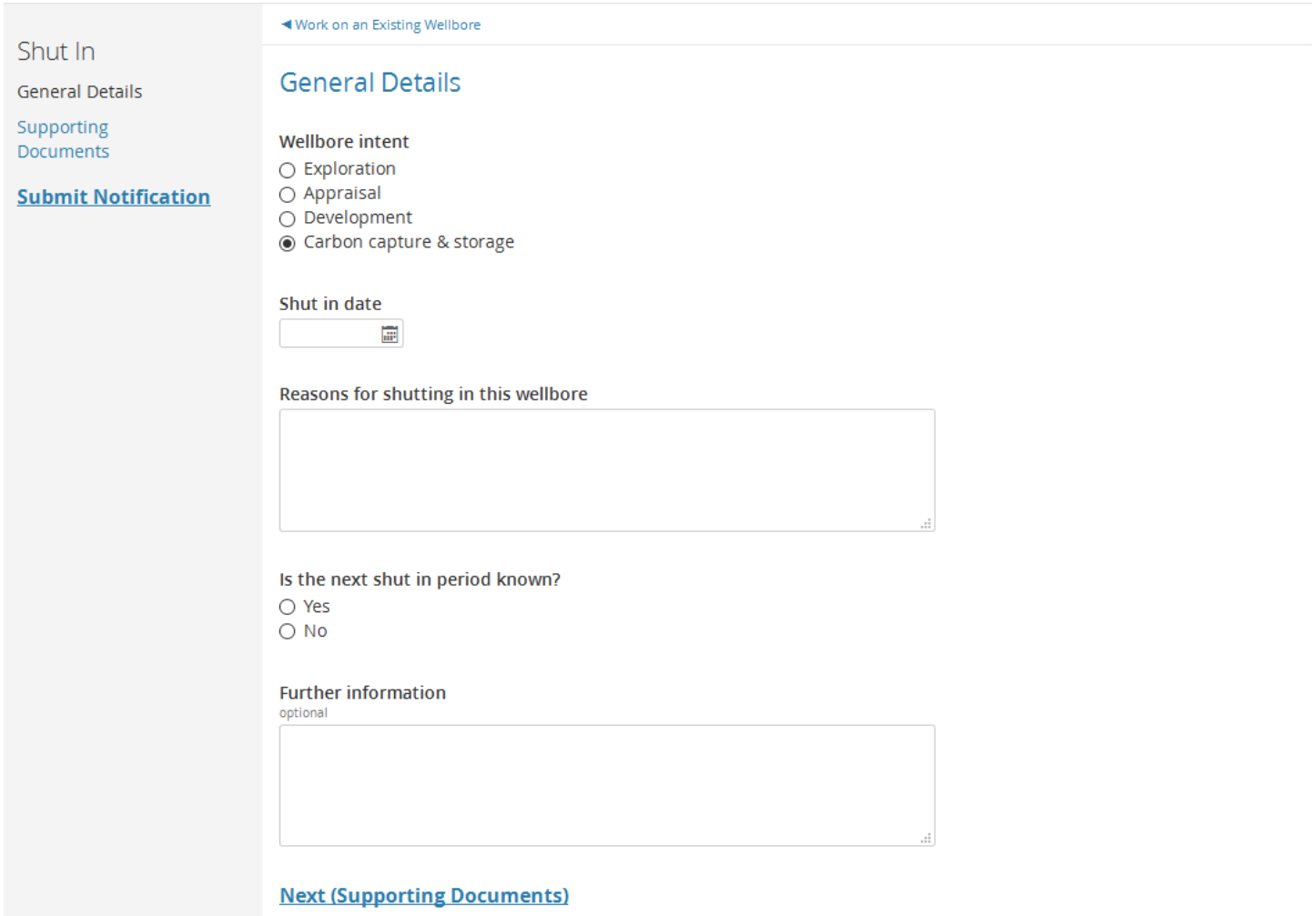
- ○ Yes
- ○ No

12.3.5 Supporting Documents

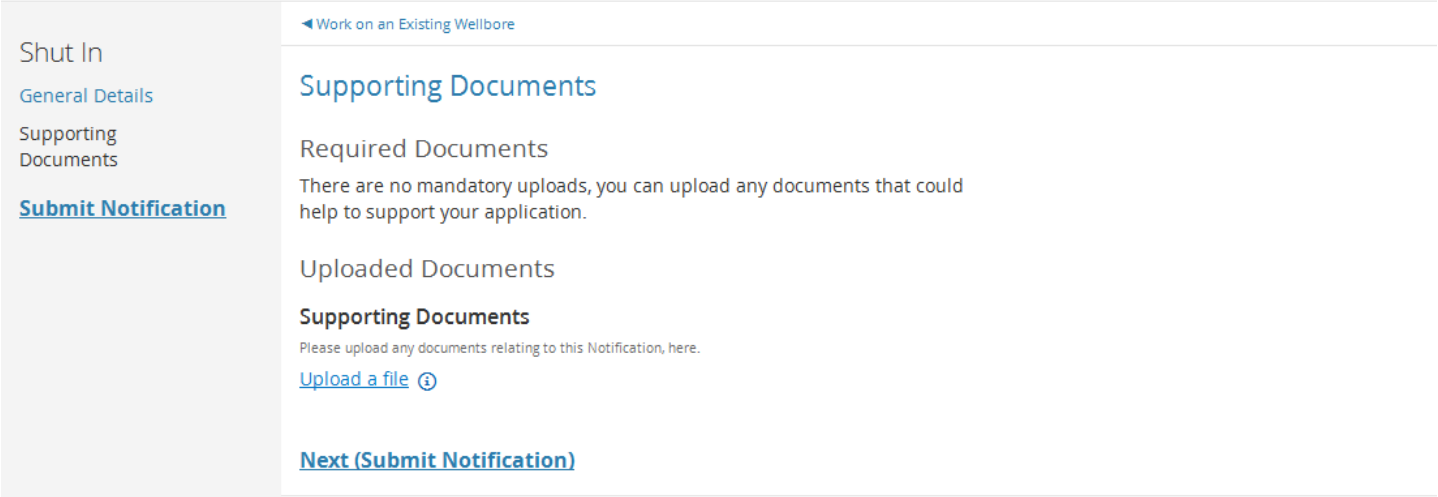


12.4 Shut-in Notification

12.4.1 General Details

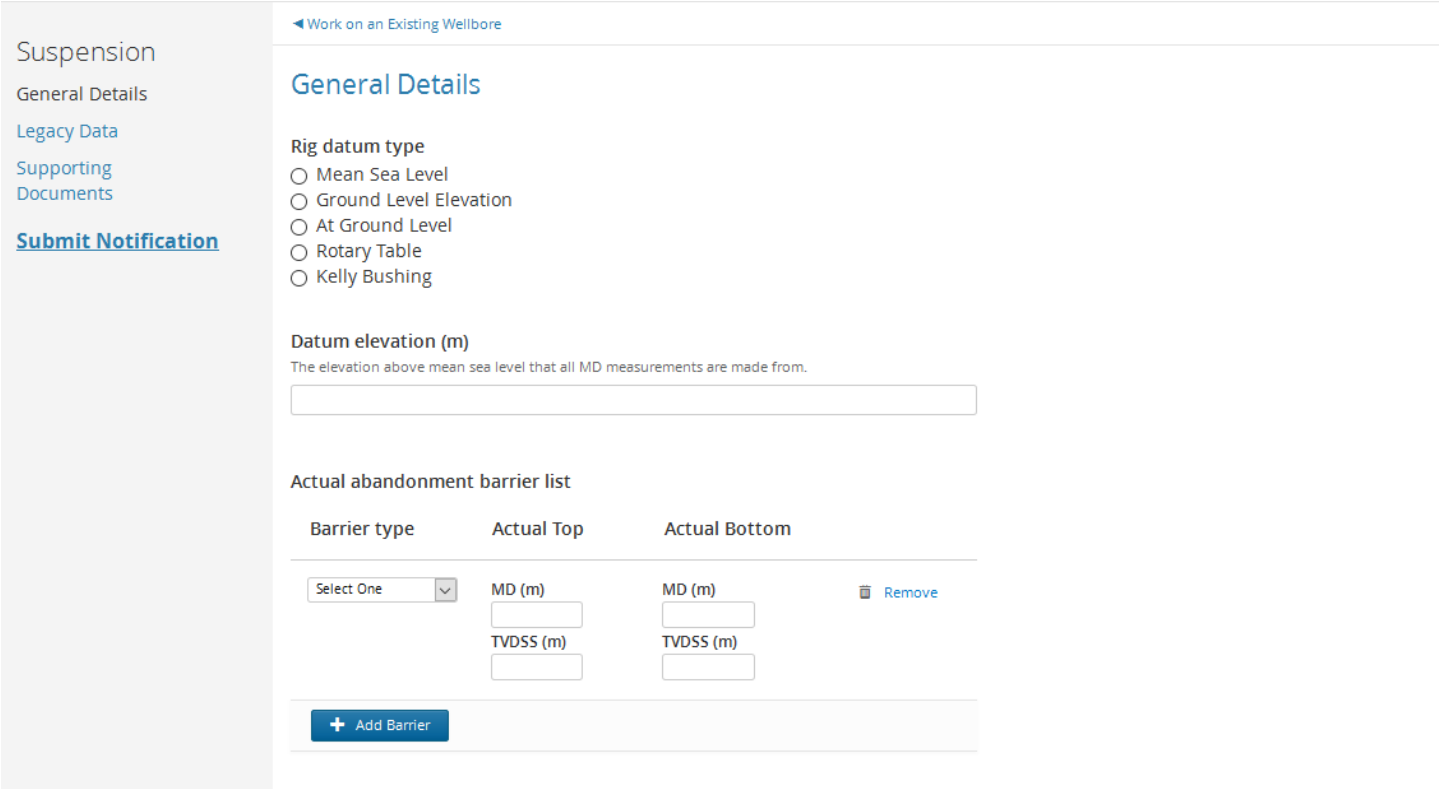


12.4.2 Supporting Documents

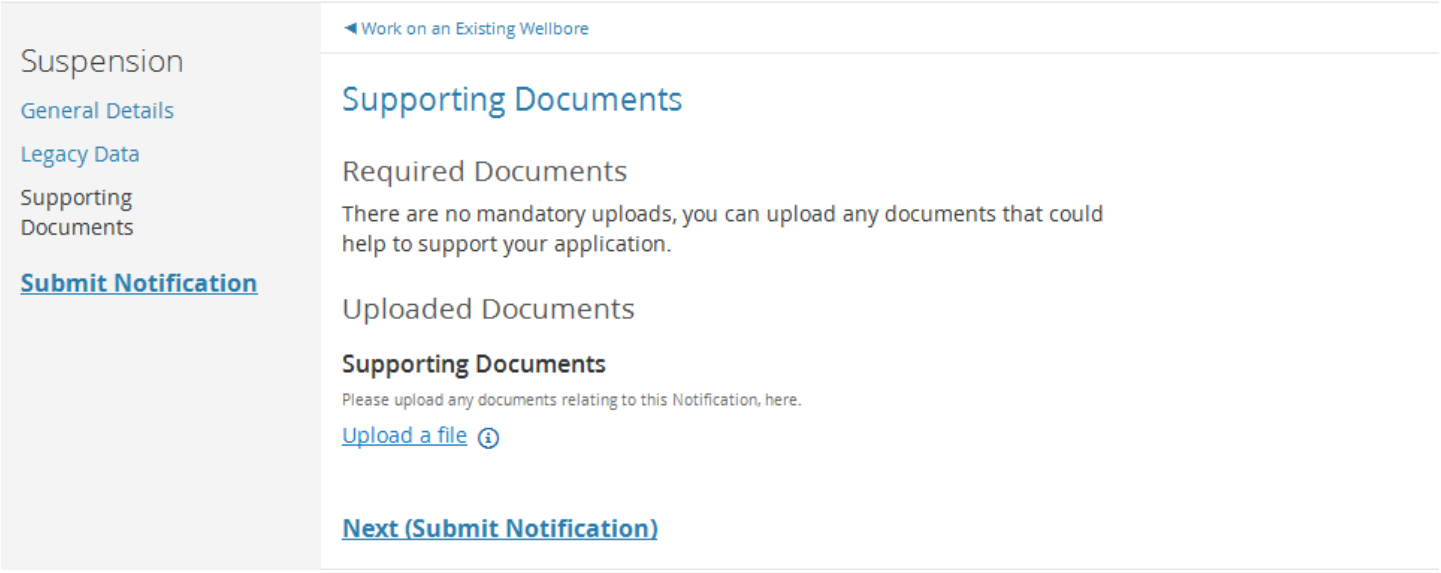


12.5 Suspension Notification

12.5.1 General Details

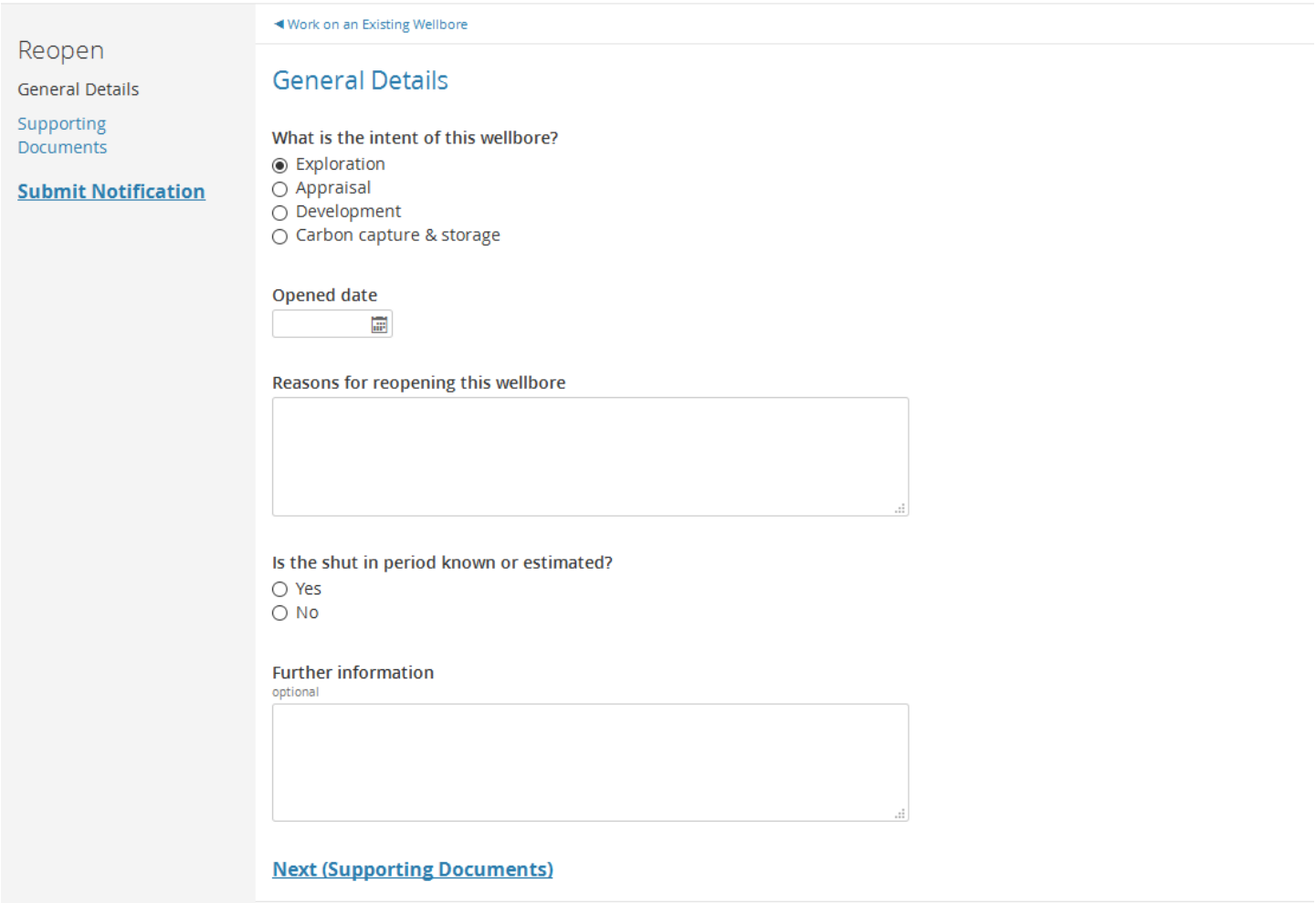


12.5.2 Supporting Documents

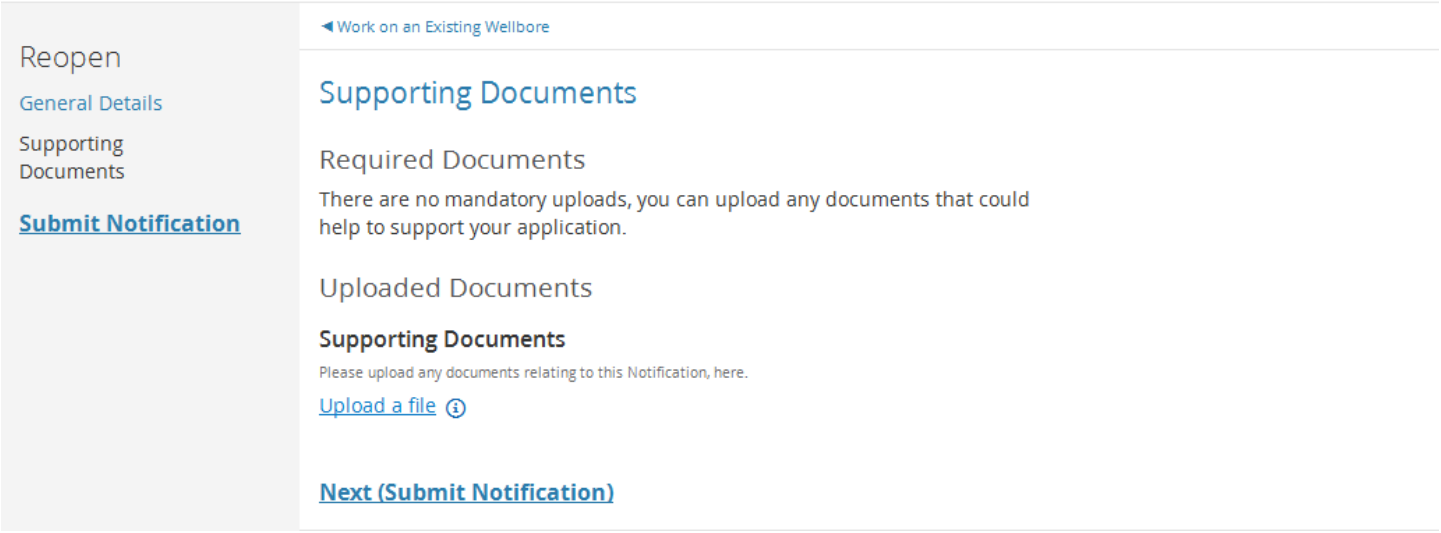


12.6 Re-Open Notification

12.6.1 General Details



12.6.2 Supporting Documents



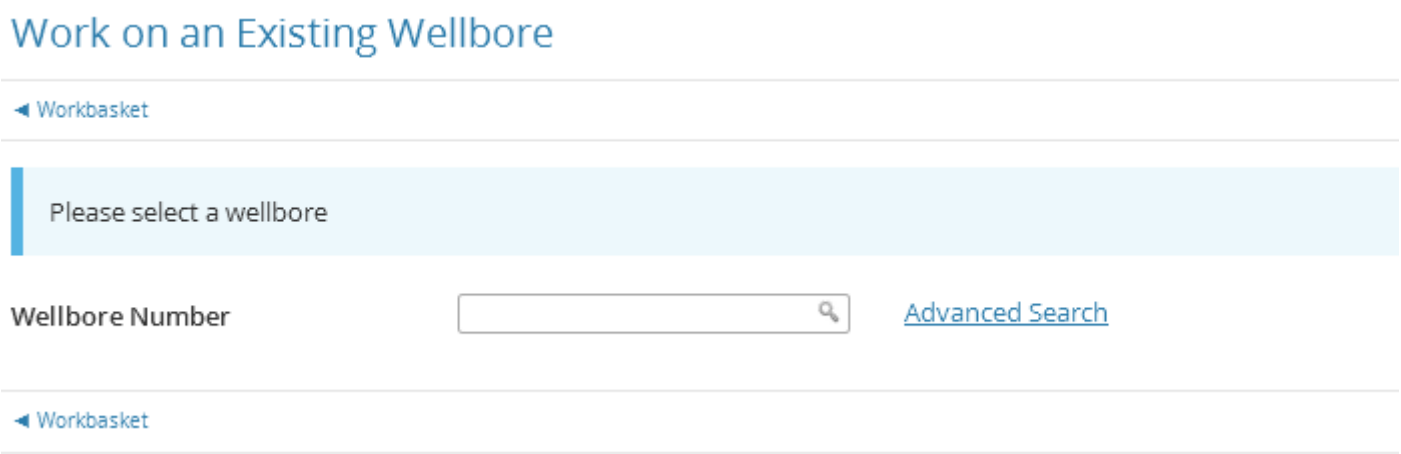
13 Work on an Existing Wellbore

In this section you can work on a application that is in progress or vary an application that has been submitted to correct any errors.

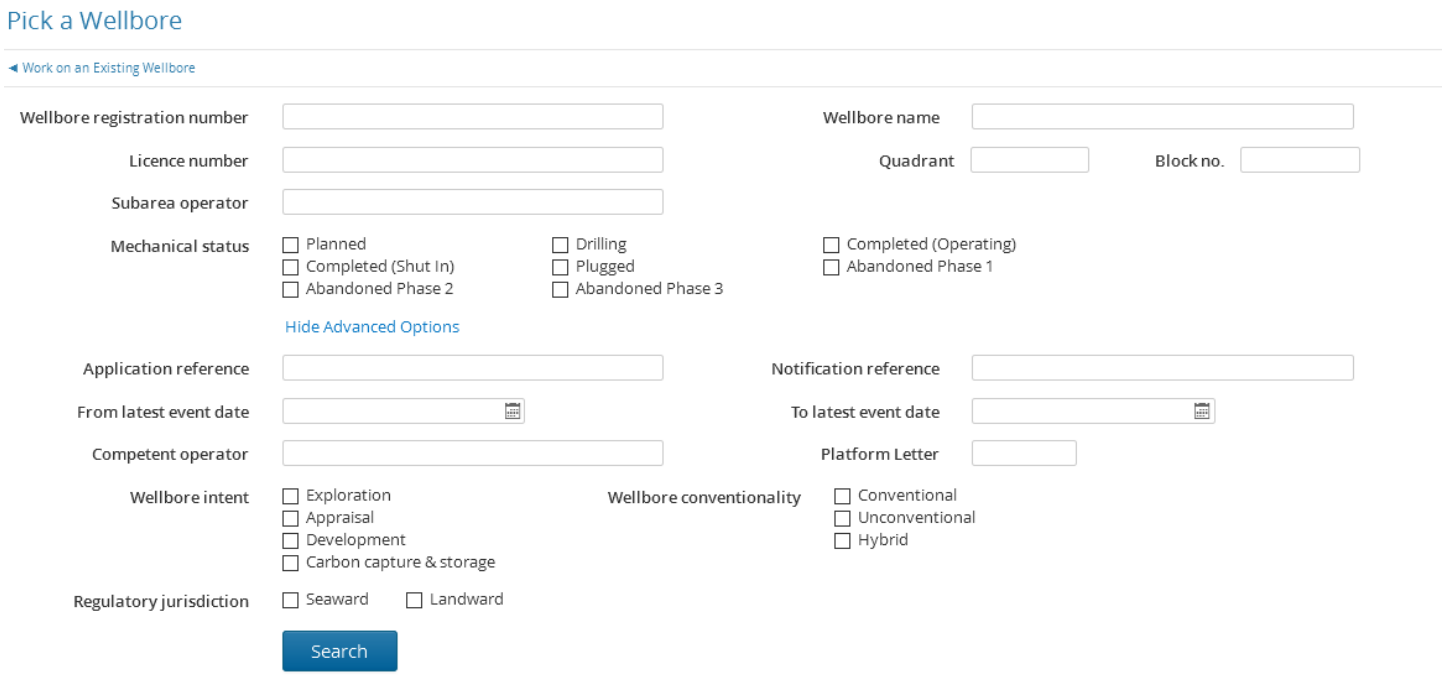
You can also submit any allowed notifications or send in a new application that wasn't submitted in the IDA, they are:

1. Geological Sidetrack
2. Well Test
3. EWT
4. Completion

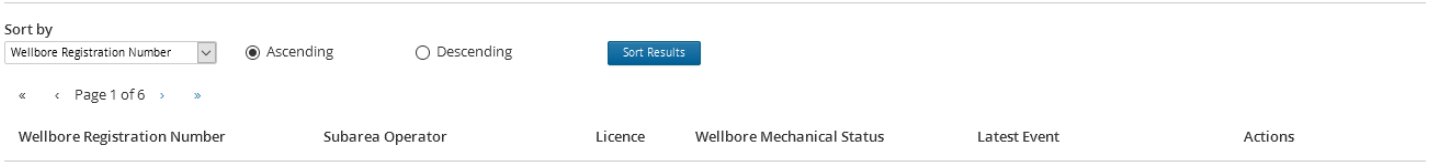
The initial screen is a search based on the Well bore registration number



There are advanced search options



The search results will display

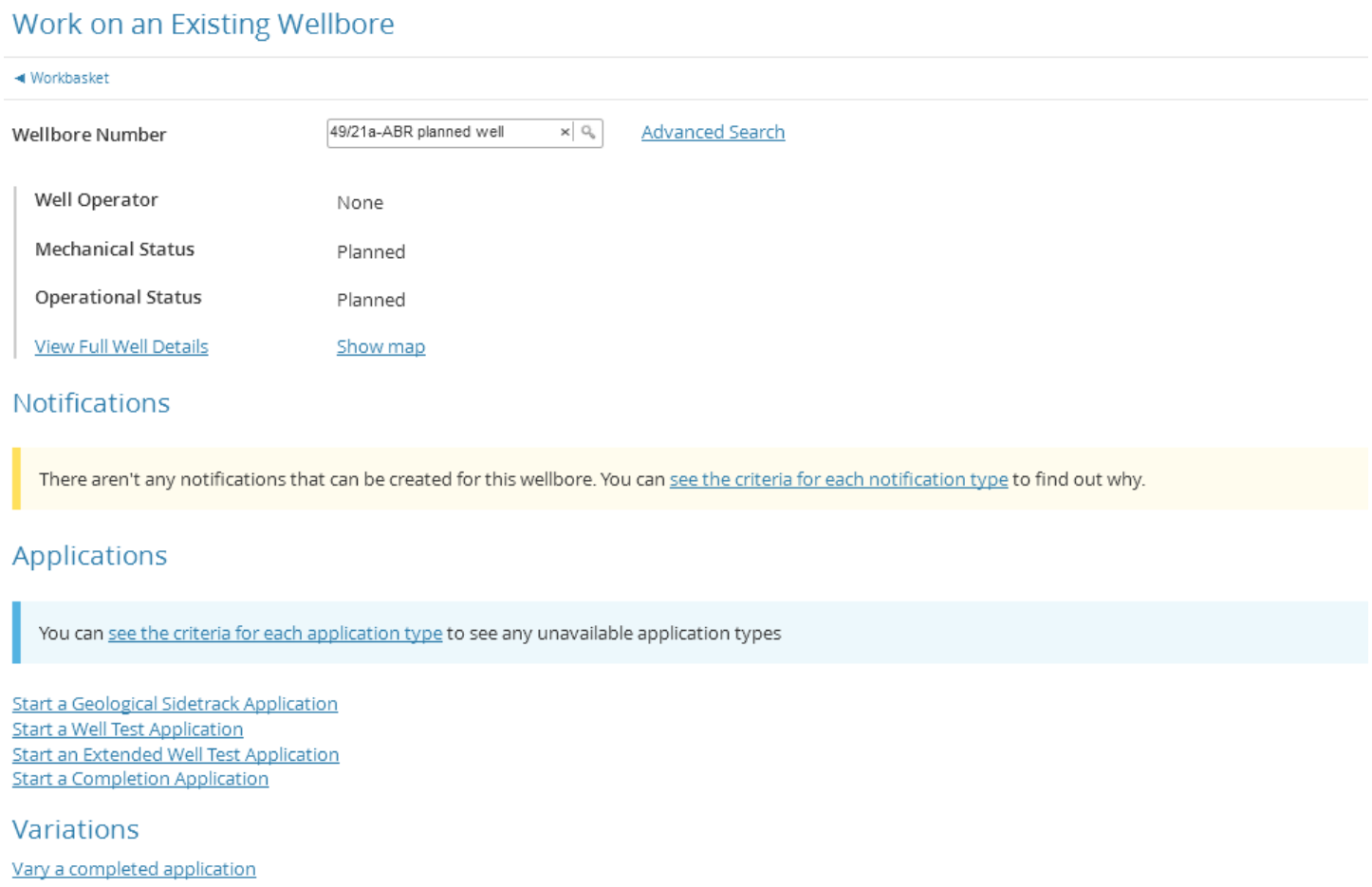


The sort criteria are:

1. Well registration Number
2. Subarea Operator
3. Licence
4. Mechanical Status
5. Latest Event

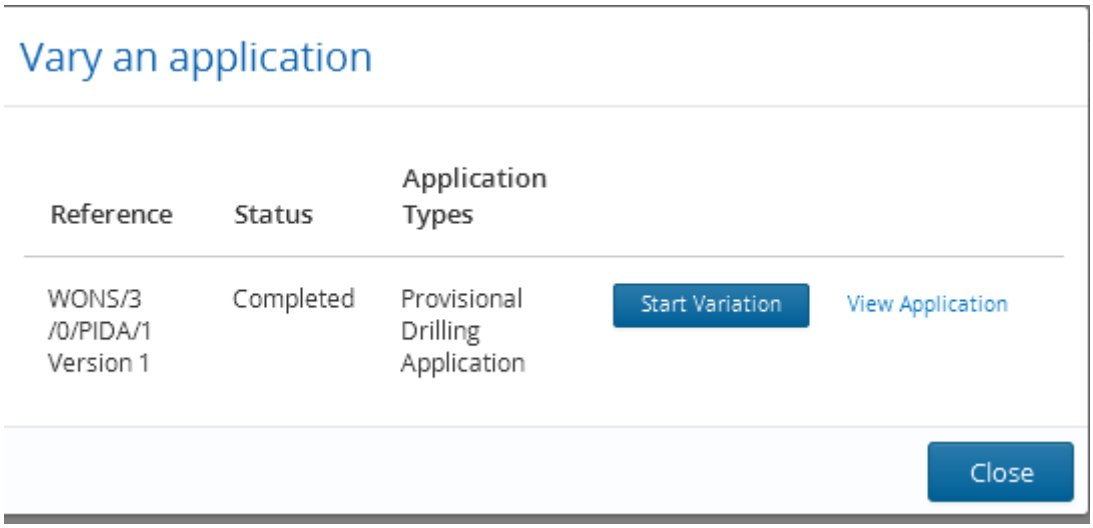
Select the application you wish to view or vary

13.1 Vary a completed application



To vary a completed application click on “vary a completed application”, if the application can’t be varied you will be notified, otherwise this pop up will be displayed.

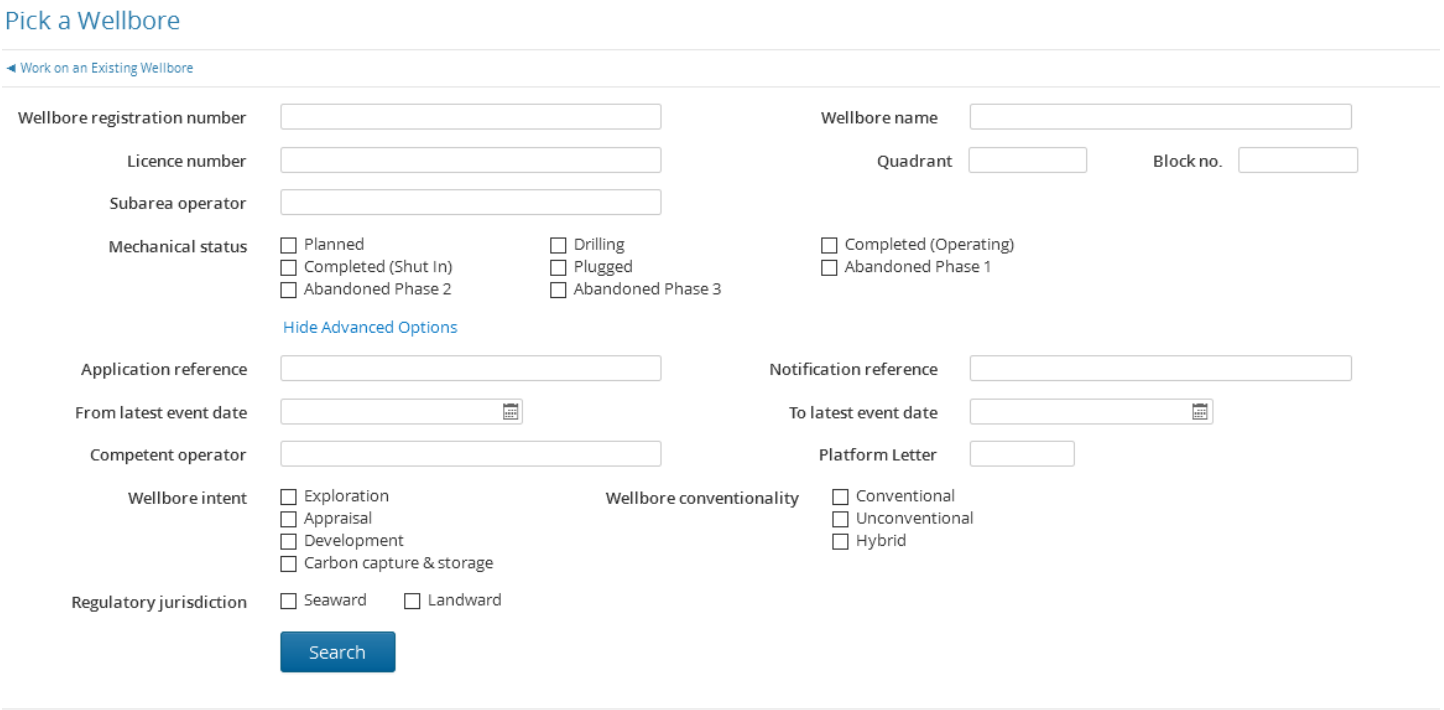
Please Note Only new applications submitted via WONS 2 can be varied



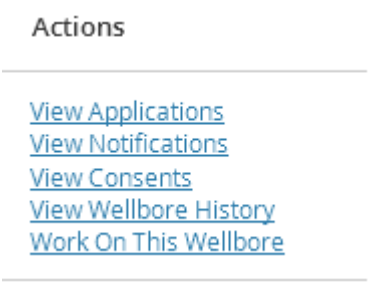
Clicking on “Start Variation” will take you to the data entry screens where you go through the same process as before, you will need to pay and submit the variation

14 Search for Wellbores

The search for wellbores has the same search criteria as above



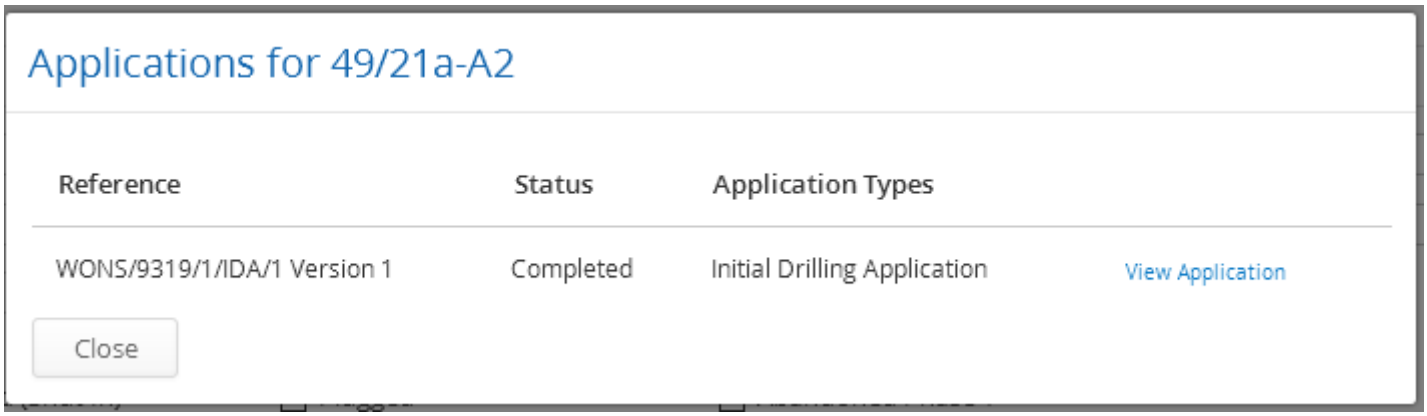
In the results you will have various actions



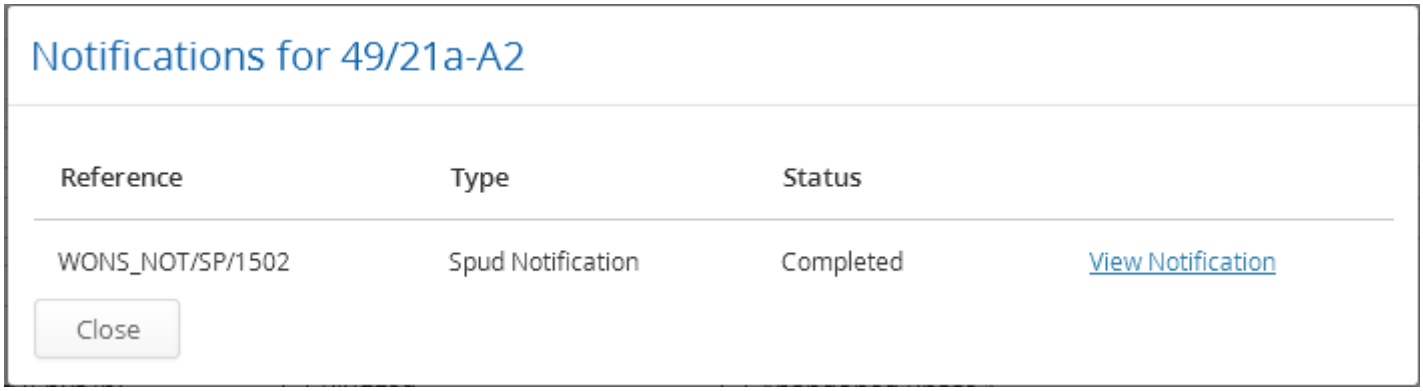
14.1 Search actions

Clicking on the actions will result in various pop ups

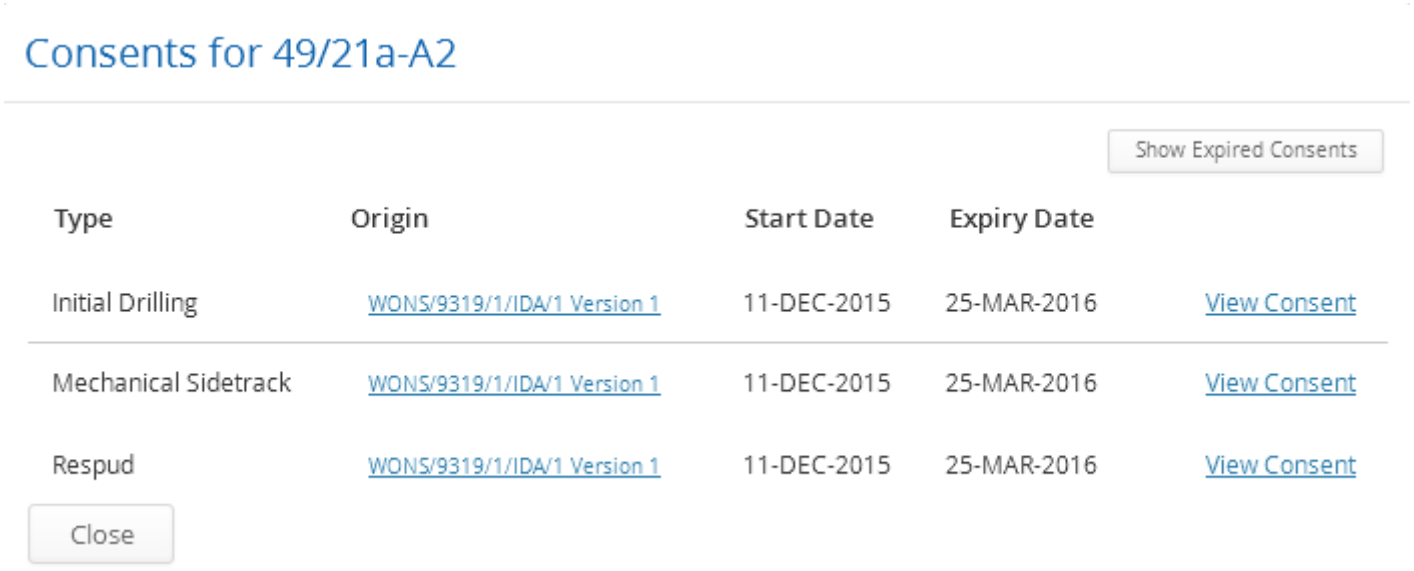
14.1.1 View applications



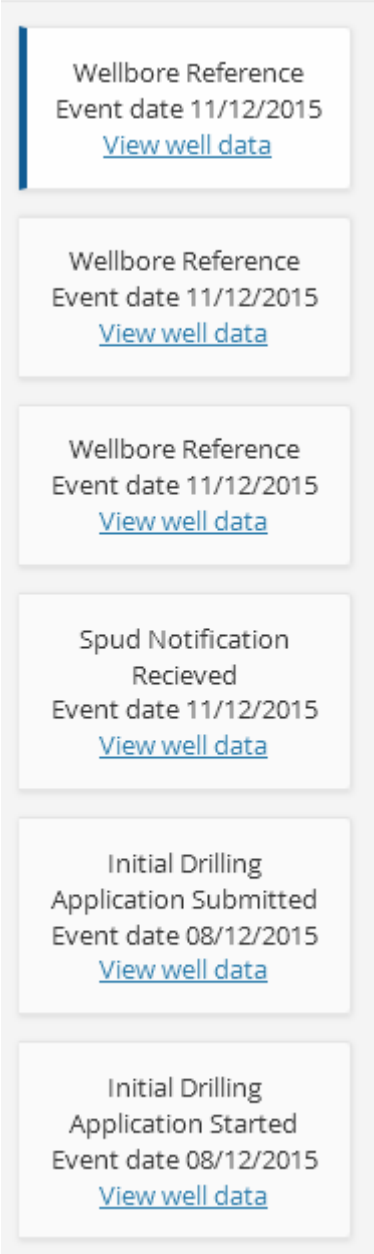
14.1.2 View Notifications



14.1.3 View Consents



14.1.4 View Wellbore history



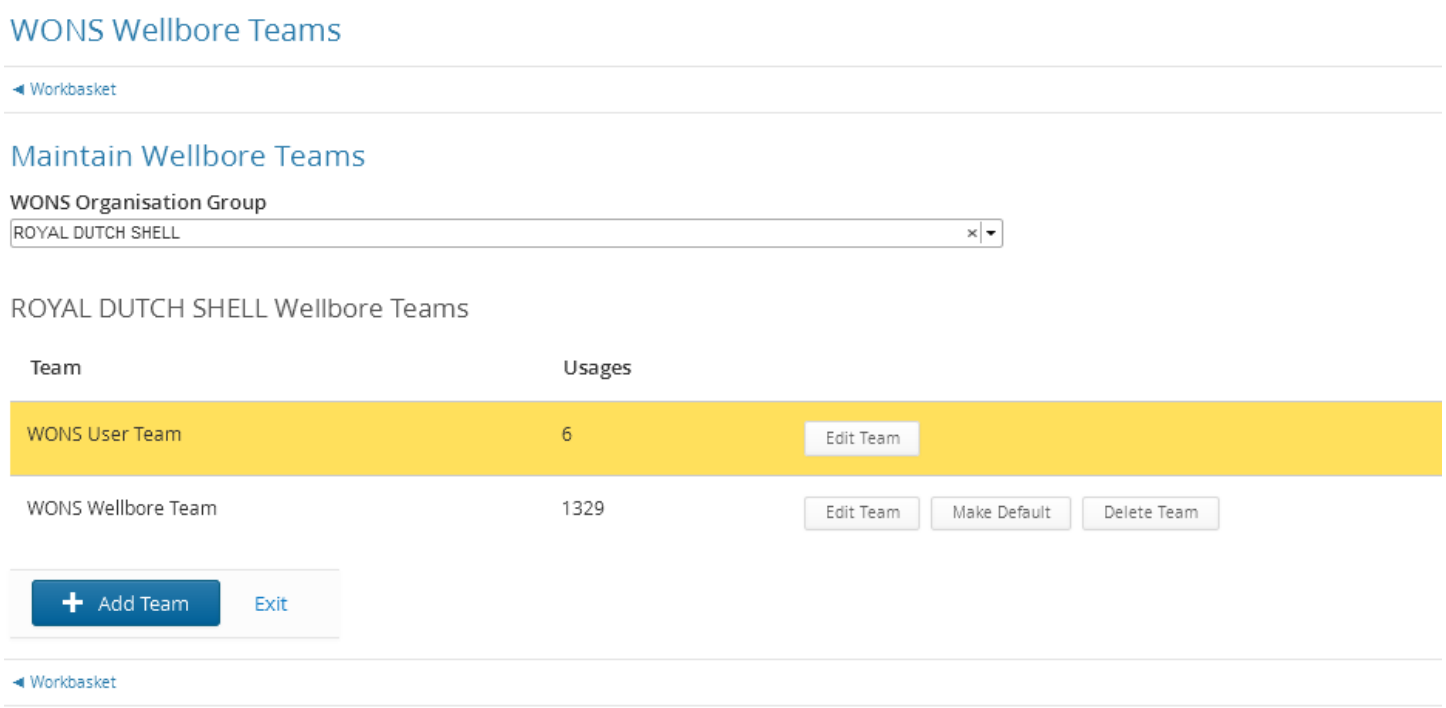
14.1.5 Work on this wellbore

This will take you to the same screen as “Work on a wellbore” above

15 View or Update Wellbore Teams

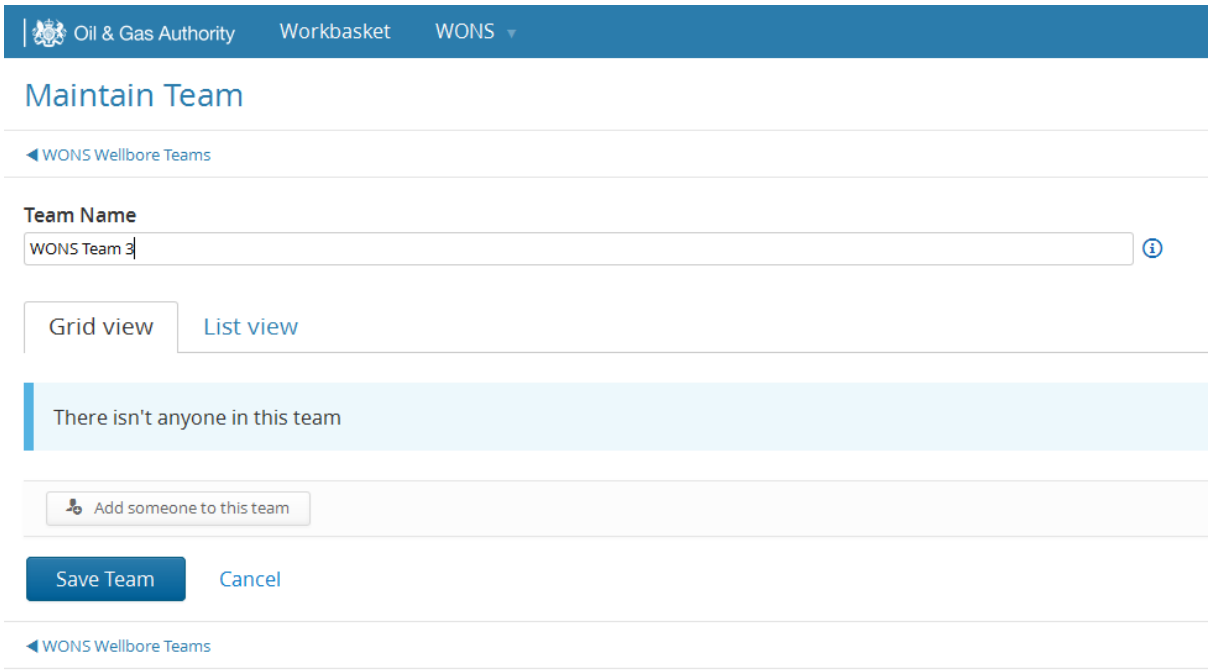
This section allows you to maintain your teams allowing people to access WONS

The initial screen shows the teams currently set up

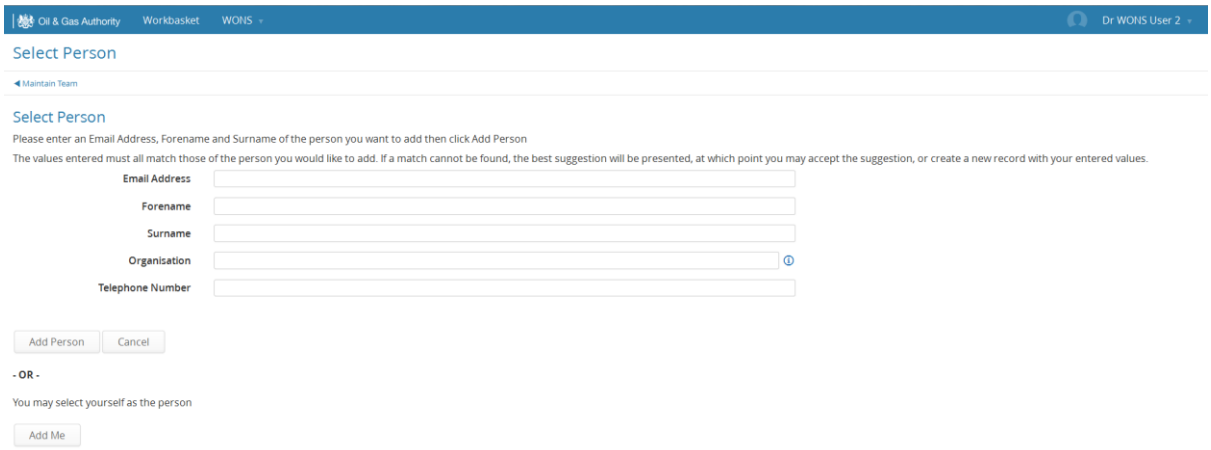


15.1 Adding a new team

Clicking on “Add Team|” will take you to the next screen

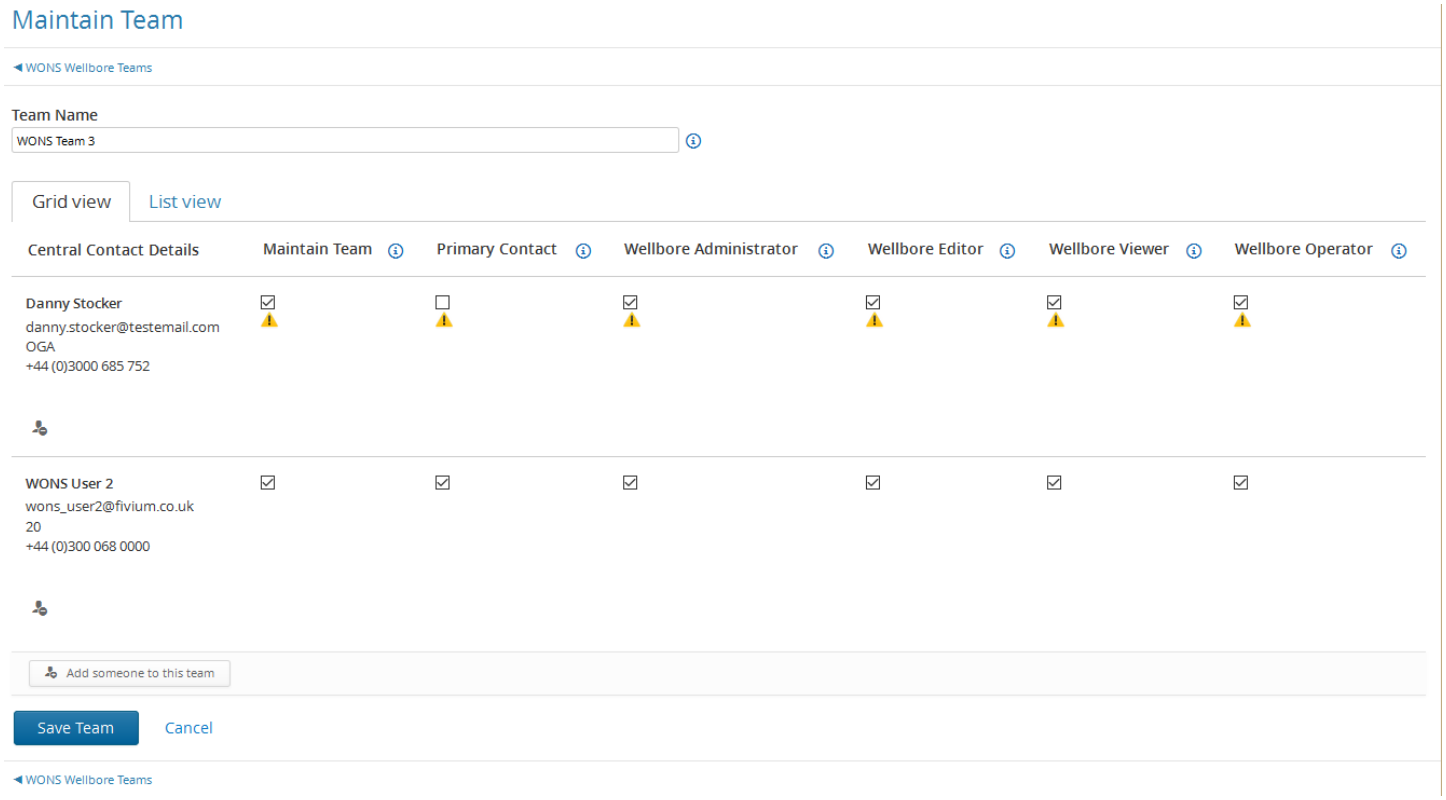


Enter the team name then click on “Add someone to this team”



Enter the details of the first person you wish in the team, N.B. You can add anyone but the person must have a portal account to access WONS, a yellow warning triangle will triangle will appear stating this (see below), the email address added will be the person's portal username

To add yourself click on the "Add Me" button, you will be taken to the access screen



Click on the required check boxes and then either add another person or click on "Save Team"

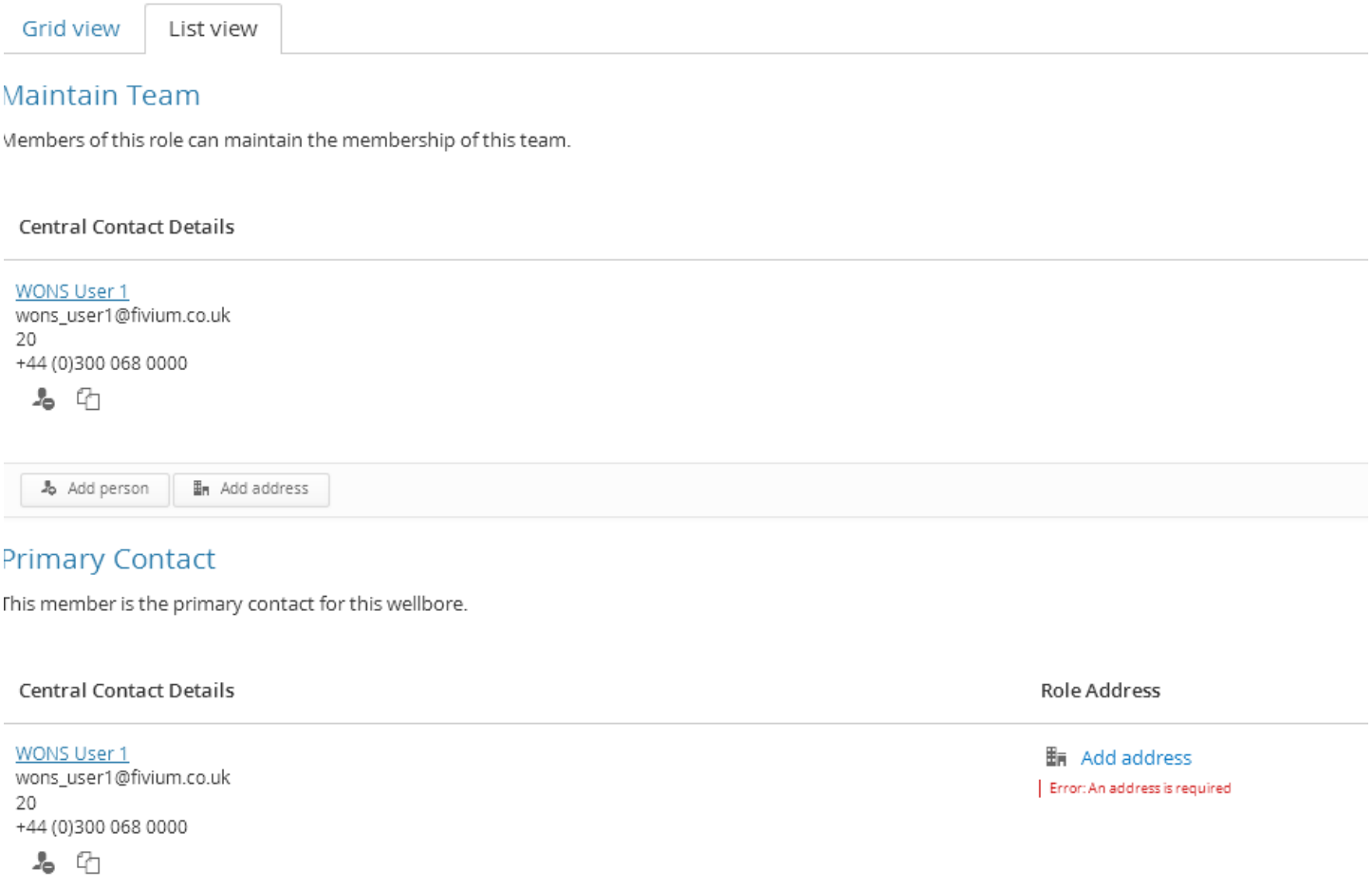
15.2 Team Access Rights

There are 6 access categories

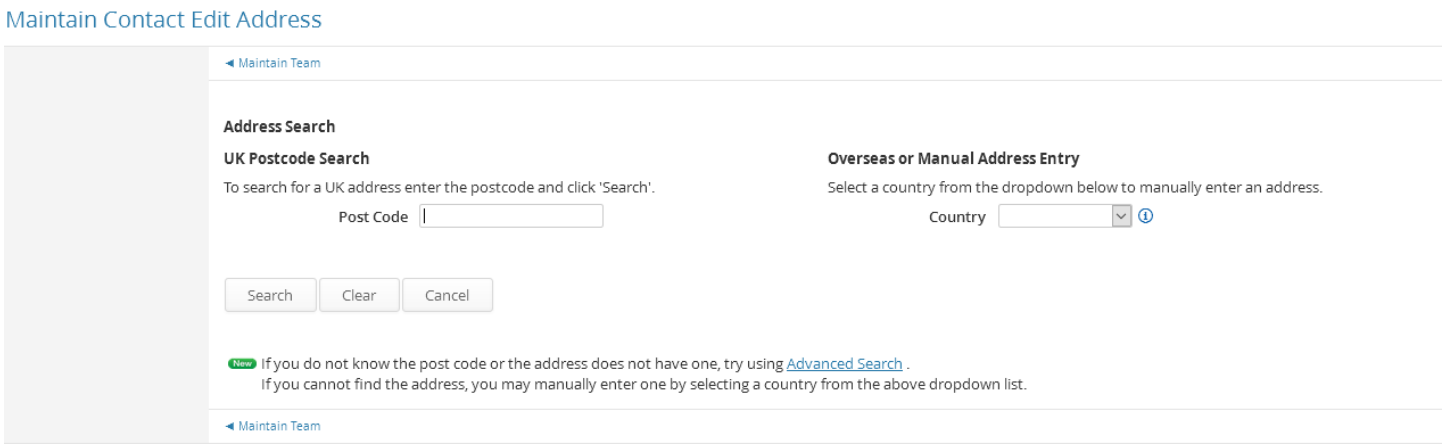
1. Maintain Team – Members of this role can maintain the membership of this team.
2. Primary contact* see below

3. Wellbore Administrator - Members of this role can create, view and edit notifications and applications for this wellbore. Additionally, they can change the wellbore's operator team and start and submit variations to notifications and applications already consented.
4. Wellbore Editor - Members of this role can create, view and edit notifications and applications for this wellbore.
5. Wellbore Viewer - Members of this role can view notifications and applications for this wellbore.
6. Wellbore Operator - Members of this role can create view and edit notifications and applications for this wellbore. They will not have access to financial documentation for this wellbore.

*Primary Contact – There must be at least one primary contact, you must also enter an address for this contact which can be added via the “List View” Tab



Clicking on “Add Address” will take you to a search screen



Enter the Post Code and select the correct address, if the Primary contact address is not known or overseas you can use the manual option to enter the data