

Michael Elkington
Strategic Planning Manager

Please respond to Chris Bartlett
Tel: 0330 2226 946
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www.westsussex.gov.uk

County Planning

County Hall
Chichester
West Sussex
PO19 1RH

Tel: 01243 777 100



6th April 2017

Mark Oldridge
Minerals Surveying Services Limited,



By email only to [redacted]

Dear Mr Oldridge,

Description of Development: Development and operation of a three wellhead and beam pump oil production facility plus ancillary works

Location of Development: Lidsey Well Site, Lidsey Road, Aldingbourne, West Sussex

Planning Permission Ref: BN/31/05

Thank you for your recent application regarding the above and the information submitted on the 28th March 2017 in respect of condition 8.

The Council has considered your application and I am now able to inform you that:

- (1) The submitted details for condition no. 8 (attached below) are acceptable and the condition is now discharged.

Your application is, therefore, hereby concluded. Please retain a copy of this letter/email with the Decision Notice and approved details for future reference.

Planning application details can be accessed via the Council's website using the application reference number: <http://buildings.westsussex.gov.uk/ePlanningOPS/searchPageLoad.do>

Copies of approved conditional information for the application can be found in the 'post decision' folder.

Yours sincerely

Chris Bartlett
Senior Planner

West Sussex County Council

The Grange, Tower Street, Chichester, West Sussex PO19 1RH
Tel: 01243 777100
www.westsussex.gov.uk



Application for approval of details reserved by condition.

Town and Country Planning Act 1990

Planning (Listed Buildings and Conservation Areas) Act 1990

You can complete and submit this form electronically via the Planning Portal by visiting www.planningportal.gov.uk/apply

Publication of applications on planning authority websites

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department.

Please complete using block capitals and black ink.

It is important that you read the accompanying guidance notes as incorrect completion will delay the processing of your application.

1. Applicant Name and Address

Title:	<input type="text"/>	First name:	<input type="text"/>
Last name:	<input type="text"/>		
Company (optional):	<input type="text" value="ANGUS ENERGY PLC"/>		
Unit:	<input type="text"/>	House number:	<input type="text"/>
		House suffix:	<input type="text"/>
House name:	<input type="text" value="BUILDING 3 CHISWICK PARK"/>		
Address 1:	<input type="text" value="566 CHISWICK HIGH STREET"/>		
Address 2:	<input type="text"/>		
Address 3:	<input type="text"/>		
Town:	<input type="text" value="LONDON"/>		
County:	<input type="text"/>		
Country:	<input type="text"/>		
Postcode:	<input type="text" value="W4 5YA"/>		

2. Agent Name and Address

Title:	<input type="text" value="MR"/>	First name:	<input type="text" value="MARK"/>
Last name:	<input type="text" value="OLDRIDGE"/>		
Company (optional):	<input type="text" value="MINERAL SURVEYING SERVICES LTD"/>		
Unit:	<input type="text"/>	House number:	<input type="text"/>
		House suffix:	<input type="text"/>
House name:	<input type="text"/>		
Address 1:	<input type="text"/>		
Address 2:	<input type="text"/>		
Address 3:	<input type="text"/>		
Town:	<input type="text"/>		
County:	<input type="text"/>		
Country:	<input type="text"/>		
Postcode:	<input type="text"/>		

3. Site Address Details

Please provide the full postal address of the application site.

Unit: House number: House suffix:

House name:

Address 1: LIDSEY OIL SITE

Address 2: LIDSEY

Address 3: NEAR BOGNOR REGIS

Town: ALDINGBOURNE

County: WEST SUSSEX

Postcode (optional):

Description of location or a grid reference. (must be completed if postcode is not known):

Easting: 494 400 Northing: 103 425

Description: OIL PRODUCTION FACILITY

4. Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application? Yes No

If Yes, please complete the following information about the advice you were given. (This will help the authority to deal with this application more efficiently).

Please tick if the full contact details are not known, and then complete as much as possible:

Officer name: JANE MOSELEY

Reference:

Date (DD/MM/YYYY): 16/2/17 (must be pre-application submission)

Details of pre-application advice received? NATURE OF SUBMISSION FOR CONDITIONAL APPROVAL.

5. Description Of Your Proposal

Please provide a description of the approved development as shown on the decision letter, including the application reference number and date of decision in the sections below:

DEVELOPMENT AND OPERATION OF A THREE WELLHEAD AND BEAM PUMP OIL PRODUCTION FACILITY PLUS ANCILLARY WORKS AT THE LIDSEY OIL EXPLORATION SITE AT LIDSEY, NR BOGNOR REGIS, ALDINGBOURNE, WEST SUSSEX

Reference number: BN/31/05 Date of decision: 17/2/2006 (Date must be pre-application submission) (DD/MM/YYYY)

Please state the condition number(s) to which this application relates:

1.	CONDITION NUMBER 8	6.	
2.		7.	
3.		8.	
4.		9.	
5.		10.	

Has the development already started? Yes No

If Yes, please state when the development started (DD/MM/YYYY): (date must be pre-application submission)

Has the development been completed? Yes No

If Yes, please state when the development was completed (DD/MM/YYYY): (date must be pre-application submission)

6. Discharge Of Condition

Please provide a full description and/or list of the materials/details that are being submitted for approval:

DETAILS OF DRILLING RIG, EQUIPMENT AND PERIOD OF USE (PLEASE REFER TO ACCOMPANYING DETAILS)

7. Part Discharge Of Condition(s)

Are you seeking to discharge only part of a condition? Yes No

If Yes, please indicate which part of the condition your application relates to:

8. Planning Application Requirements - Checklist

Please read the following checklist to make sure you have sent all the information in support of your proposal. Failure to submit all information required will result in your application being deemed invalid. It will not be considered valid until all information required by the Local Planning Authority (LPA) has been submitted.

The original and 3 copies* of a completed and dated application form:

The original and 3 copies* of other plans and drawings or information necessary to describe the subject of the application:

The correct fee:

*National legislation specifies that the applicant must provide the original plus three copies of the form and supporting documents (a total of four copies), unless the application is submitted electronically or, the LPA indicate that a smaller number of copies is required. LPAs may also accept supporting documents in electronic format by post (for example, on a CD, DVD or USB memory stick). You can check your LPA's website for information or contact their planning department to discuss these options.

9. Declaration

I/we hereby apply for planning permission/consent as described in this form and the accompanying plans/drawings and additional information. I/we confirm that, to the best of my/our knowledge, any facts stated are true and accurate and any opinions given are the genuine opinions of the person(s) giving them.

Signed - Applicant:

Date (DD/MM/YYYY):

23/2/2017

(date cannot be pre-application)

10. Applicant Contact Details

Telephone numbers

Country code: National number: Extension number:
0208 899 6380

Country code: Mobile number (optional):

Country code: Fax number (optional):

Email address (optional):

11. Agent Contact Details

Telephone numbers

Country code: National number: Extension number:

Country code: Mobile number (optional):

Country code: Fax number (optional):

Email address (optional):

12. Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land? Yes No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact? Agent Applicant Other (if different from the agent/applicant's details)

If Other has been selected, please provide:

Contact name:

Telephone number:

Email address:

Development and operation of a three wellhead and beam pump oil production facility plus ancillary works at the Lidsey Oil Exploration Site at Lidsey, Near Bognor Regis at Lidsey Well Site, Lidsey Road, Aldingbourne, West Sussex.

Consent Ref: BN/31/05

Introduction

As permitted by the above planning consent the first well has been drilled at the site (Lidsey X1) and the tophole/cellar completed and installed to enable a second well to be drilled (Lidsey X2). This well has not yet been drilled.

Under the provisions of the above planning consent Condition 8 requires prior approval of details of the rig and equipment and the period of their use.

The site will continue to be operated under the overall provision of the extant planning consent which conditionally regulates matters such as site security, highways routing for HGV traffic, signage for the nearby public footpath, hours of site operation, noise control, fire control, site drainage, lighting and general site layout.

Geological Summary

The stratigraphy at Lidsey X2 is expected to be very similar to that encountered in Lidsey X1, (bottom hole location Lidsey 1 is approx 0.67km to the east). Interpretation of key marker horizons via seismic surveys has been carried out; specifically, the Intra Chalk Marker, Base Gault Clay, Top Purbeck Anhydrite, Top Upper Kimmeridge Limestone, Top Corallian Limestone, Top Cornbrash and Top Inferior Oolite. These key horizons, together with known formation thicknesses have resulted in a predicted stratigraphy for the Lidsey X2 well.

The well will start in Upper Cretaceous White Chalk, and penetrate a total of 650m vertical Cretaceous section, followed by 270m of Upper Jurassic section. The well is planned to be deviated due to surface location restrictions. Accordingly, the well is expected to intersect the top Cornbrash reservoir horizon at a depth of approximately 1120m along hole. The well will penetrate a Great Oolite package thickness expected to be in the order of 60m at this location. Total depth of the well is prognosed to be 1839m along hole which allows for approximately 660m of near horizontal hole in the Great Oolite.

Proposed Drilling Operation

Approval is now sought for details of the drilling rig and equipment and period of use. The area proposed for the location of the drilling rig and associated equipment lies within the eastern sector of the site and is also shown hatched on the plan ref: 1215/2237/7.

The drilling rig will be brought to the site over a period of some 9 – 14 days and this will involve approximately 70 HGV movements as detailed below.

Rig and associated equipment	26 loads with varied tonnage
Mud tanks, pumps and associated equipment	c.9 loads
Generators and fuel tanks, oil stores	c.7 loads
Mud logging unit	c.1 load
Casing and tubulars (drill pipes)	c.13 loads
Portable tower lights	c.1 load
General storage containers	c.4 loads
Offices/Staff modules	c.6 loads
General equipment (e.g. small mobile plant)	c. 1 load
Cranes for equipment assembly	c. 2 loads

Other tankers and trucks will be required as necessary, for drilling materials/consumables, water, waste removal, fuel etc. and these are estimated at 3 or 4 HGV movements per week.

All HGV traffic will follow the agreed routeing to and from the site as set out in the existing Section 106 Agreement.

Additional light vehicle movements will also be required for staff and rig crew plus support services personnel. These movements are at their highest during the drilling at 15 – 25 visits per day.

All vehicles will be parked within the confines of the existing well site and no vehicles will be parked on the adjacent access road which also serves the water treatment works.

The drilling rig is yet to be chosen for the work but the largest rig capable of undertaking the drilling work is the “Edeco 40” which is illustrated on the attached drawing ref: EPS/040-1 and will have an operational height of approximately 47 metres. A typical layout is also shown on DRGNO1. Any alternate rig will have a lower operational height.

The well drilling is approximately 1839 metres in extent and it is anticipated that drilling, well logging and completion will be undertaken within a period of 6 – 7 weeks, depending upon the speed of penetration through the underlying strata.

Once drilling and well logging is completed the rig and all associated equipment will be removed from the site over a period of some 9 – 14 days.

It is specifically confirmed that the well drilling will be undertaken using conventional oil exploration techniques. No hydraulic fracturing (fracking) will be necessary during drilling or production stages.

Waste Management

All waste material generated during the drilling operation will be carefully segregated and removed under relevant environmental waste management controls. Timber and metal will be placed in separate skips, domestic waste will be placed in 2 separate containers and all

removed via approved licensed waste management carriers to appropriate waste management disposal or treatment facilities. Site drilling mud will be contained in a specialist tanker and removed as for other wastes by an approved licensed carrier.

Site Regulation

All works at the site will be regulated not only by the site planning permission but also by an Environmental Permit issued by the Environment Agency, and controls put in place to monitor and regulate the drilling procedures by the Health and Safety Executive. All visitors to the site will be subject to a detailed induction procedure and equipment (such as mobile phones) will not be permitted within the approved safety control drilling area.

General Environmental Considerations

Human Beings and Material Assets

Society and Economics

The proposed development involves a short-term exploration programme and thereafter an increase in oil output from the site which is a direct result of increased demand for the hydrocarbons. The site continues to employ local personnel it is considered that employment opportunities are beneficial in the local context.

Transportation

The proposed drilling operations will involve a temporary increase in HGV movements from the site however, the number of vehicle journeys will be controlled and monitored during the exploration period. Given that the HGV's will adopt the approved HGV route to and from the site is considered that the temporary increase proposed is unlikely to have any significant impact on local traffic conditions or road safety.

Noise and Vibration

It is considered that the noise levels approved under the provisions of consent ref: BN/31/05 can be met with regard to the proposed exploratory operations. The rig has a relatively low noise footprint and can meet the limits set out in the present planning consent. Accordingly, it is considered that there will be no impact on noise generated by the proposed exploratory operations and this will be demonstrated in the documentation supporting the planning application.

The proposals do not involve the use of equipment which will give rise to ground vibration and as such no environmental impacts will arise from the exploratory operations proposed.

Soil and Water

Land Contamination

The site is currently provided with substantial environmental barriers by way of sub-surface containment membranes and hard standing. The proposed drilling operations will not lead to any issues in respect of land contamination due to the level of environmental containment provided. The site will continue to operate in accordance with the present planning permission and no additional drainage is necessary to allow the development to take place. Accordingly, it is considered that no impact will arise in terms of land contamination as a result of the development proposed.

Hydrogeology

The design of the site, to Environment Agency licensing standards, and encompassing comprehensive site drainage facilities, will ensure that no impact arises in terms of hydrogeology as a result of the development proposed.

Flood Risk

The use of the site for exploratory drilling purposes has a very limited overall footprint (approximately 0.4 hectares) and no impact in terms of flood risk will occur as a result of the development proposed.

Flora and Fauna

Habitats and Biodiversity

The site compound, oil storage facility, entrance and associated HGV and car parking areas are already established and the proposed development will not involve the removal of any flora or fauna. Accordingly, it is considered that there will be no impact on ecology and in particular protected species.

Air and Climate

The proposed development involves temporary exploration activities and no impacts to climate or air quality will arise. The proposed drilling does not involve the generation of significant air emissions and no adverse environmental impacts are envisaged.

Landscape and Visual Amenity

The proposed drilling operations involve the erection of a temporary structure (drilling rig of maximum 47 metres height) and for a limited period of some 6 - 7 weeks duration. The site lies within a relatively rural environment and there is a general absence of buildings or conservation areas within the proximity of the site. The closest residential properties lie approximately 600 metres due north-west, 600 metres east and 800 metres south of the site and the majority do not have direct views of the compound. Existing peripheral planting and site landscaping works

assist to mitigate low levels views of the site. Accordingly, it is considered that no adverse visual impacts will arise as a result of the temporary development proposed.

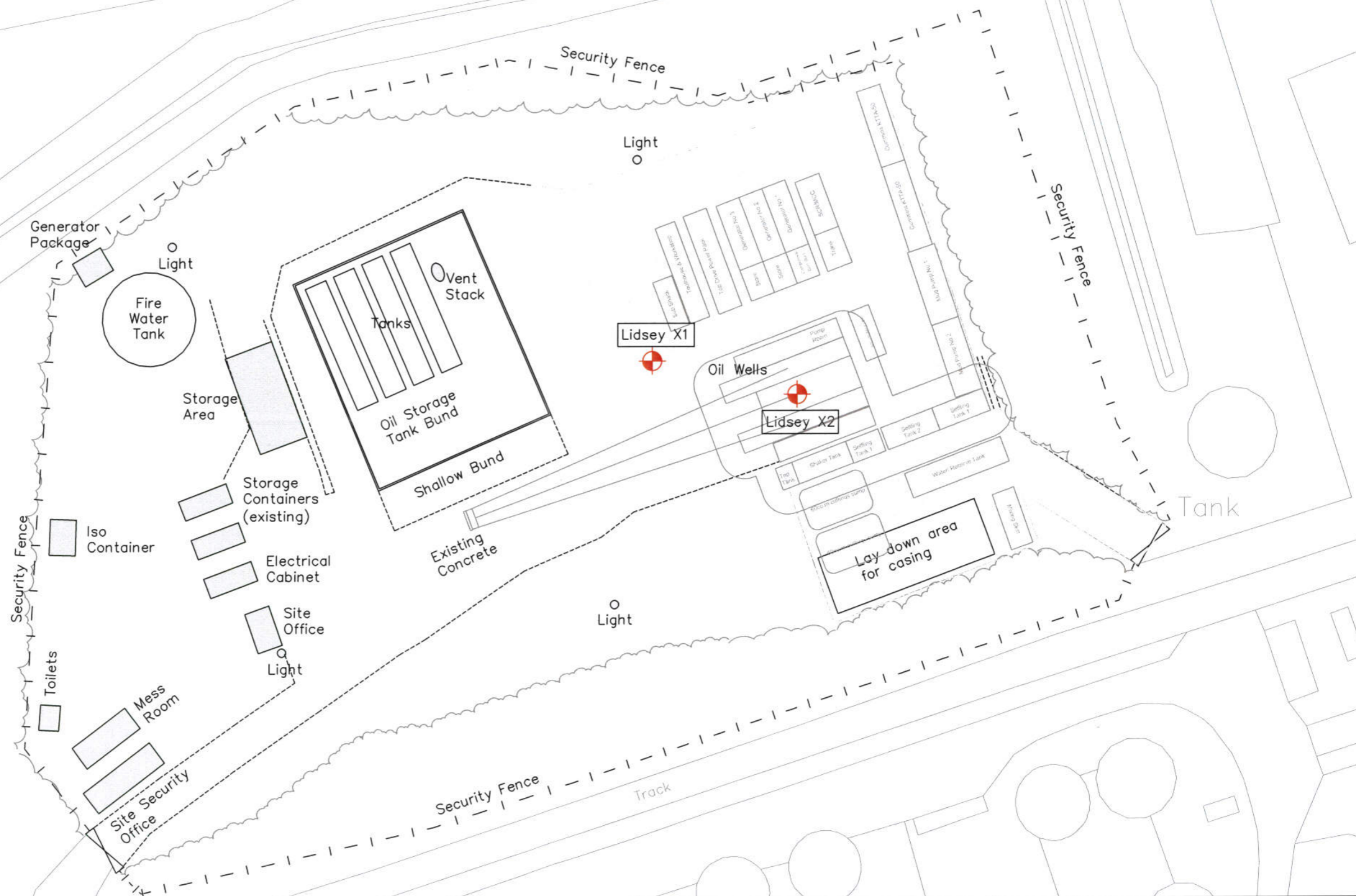
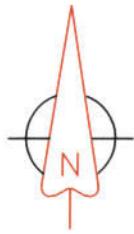
Cultural Heritage

Archaeology

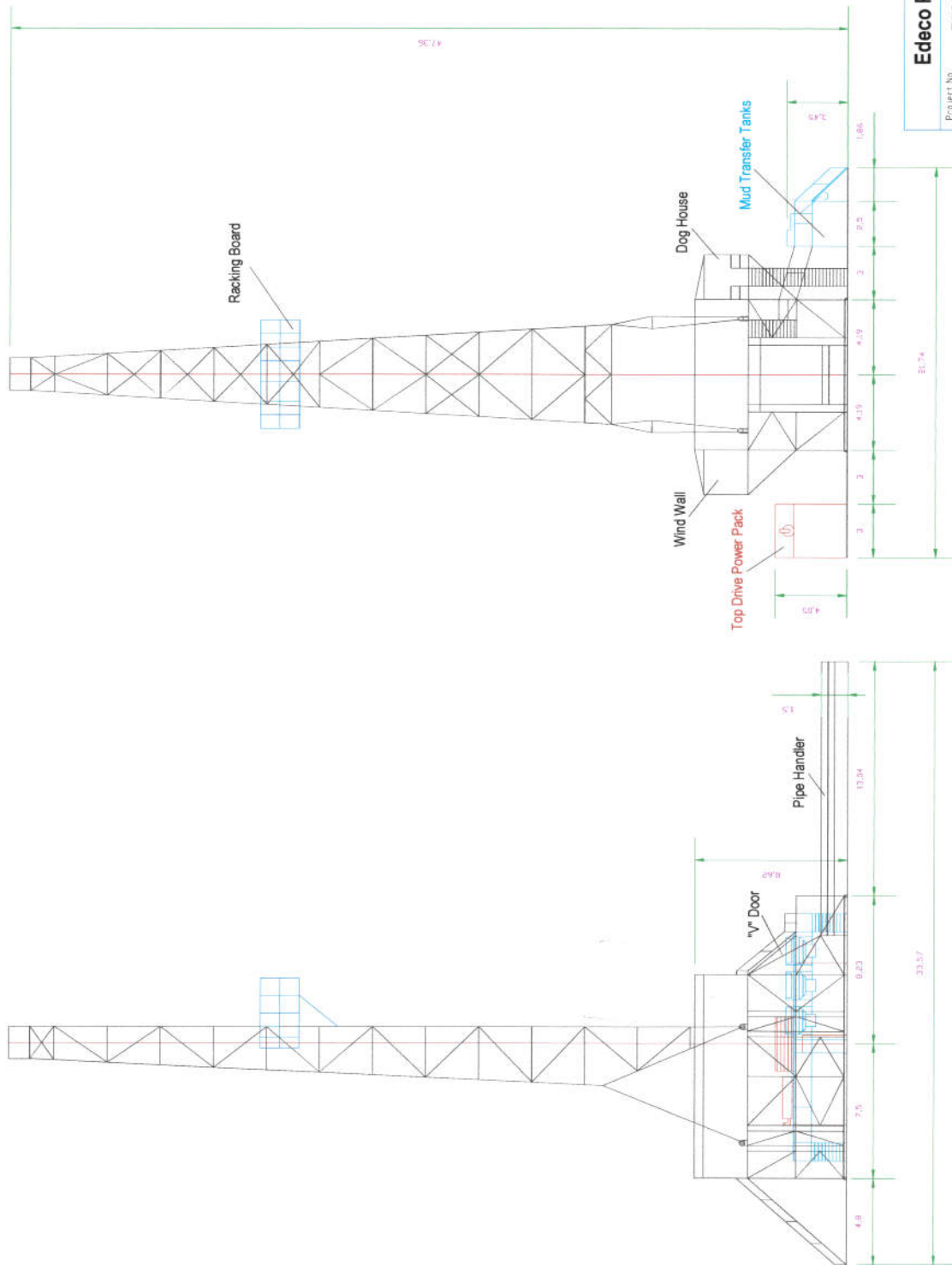
The development of the oil production site, and associated wells, has already taken place and no additional areas will be disturbed by the drilling operations proposed. Accordingly, it is considered that the proposed exploratory development will have no impact in terms of localised archaeology.

Built Heritage

The site does not lie within a conservation area and there are no listed buildings on or within the proximity of the site. Accordingly, it is considered that the proposed drilling operations, and use of the existing site access, will have no impact in terms of built heritage.



 your surveying solution Rainsborough Barns Charlton Banbury, Oxon OX17 3DT	client Mineral Surveying Services			
	project Lidsey Condition 8 – Submission of Detail			
drawing no.	Drawn	Date	Scale	
1215/2237/7F	JG	1/2/17	1:500@A3	



Edeco Petroleum Services Limited	
Project No	7090-04
Project Status	Pre-Ops
Edeco Petroleum Services - Rig 40	
Title	
Location	Aldbrough Well 5
Date	November 2004
Rev	: 0

Drawing No
EPS/040-1

Chris Bartlett

Subject: FW: DOC Application - Lidsey Oil Exploration Site
Attachments: HH220 Rig and Associated Equipment 28.03.17.docx; Edeco Rig Albania 28.03.17.docx; Edeco Rig Layout USA 28.03.17.docx

Dear Chris,

Apologies for the delay in replying to you but I have been trying to obtain brochure photographs of the Edeco 40 drilling rig. The rig itself is quite old and there are no current brochure photographs. I have located 2 photographs of Edeco Rigs working in Albania and the US which are provided purely to illustrate the "general" nature of working which is to provide the support equipment around the rig at 'low level" and not stacked at height. These rigs are not the Edeco 40 and therefore the detail of each varies. I also attach a photograph of the Cuadrilla HH220 Rig sited in Lancashire, which will not be used, but it is useful for illustrative information in that it also shows the range of "support" equipment to the rig which is of a low-level type and typically comprises "containers" in nature. This includes site welfare and accommodation units, mud pumps, mud tanks, settling tanks, power generation equipment, tool storage containers and generator units. In the case of the Edeco 40 Rig the containerised units vary in length from around 3.5 metres long for the smaller equipment storage through 7 metres long for the settling tanks and generators, 9 metres for the mud pumps and a maximum of 10 metres long for workshops and are approximately 2.4 metres high and 2.5 metres wide. I would confirm that all support structures are to be placed directly on the surface of the site on a "single storey" basis and will not be double stacked.

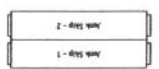
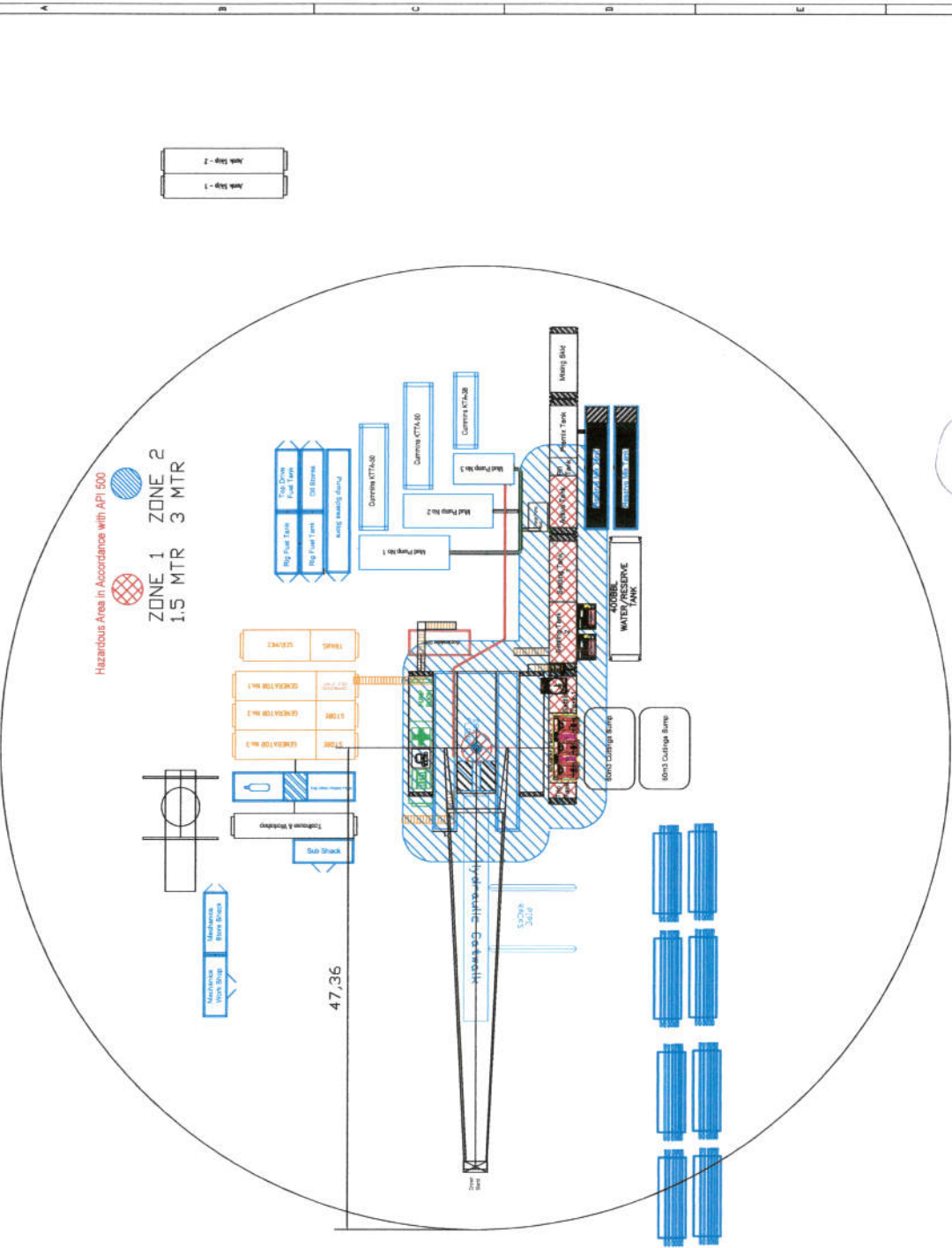
I would also confirm that the plans I am seeking approval for are the site layout ref: 1215/2237/7F and the rig elevation. The third plan is for information only and has been provided by Edeco as a typical site layout for the rig.

No doubt you will now progress the request for approval of detail but should you have any further queries please do not hesitate to contact me.

Kind regards,

Mark.

DRG No DRGN02



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	INITIAL DATE: 25/07/2013 DRAWN: SF CHECKED: SF APPROVED: SF		CONTRACT No.	
	HAZARDOUS AREA IN ACCORDANCE WITH API 500		HAZARDOUS AREA IN ACCORDANCE WITH API 500	
	MAINTENANCE WORK STOP		MAINTENANCE WORK STOP	





