



ऑयल इंडिया लिमिटेड

(भारत सरकार का संस्थान) पंजीकृत कार्यालय : दुलियाजान, असम

Oil India Limited

(A Government of India Enterprise) Registered Office Duliajan, Assam)

LAND DEPARTMENT

P. O. DULIAJAN, DIST. DIBRUGARH

ASSAM, PIN - 786 602

Phone : 0374-2800494

Fax : 0374-2800433

e-mail : land@oilindia.in

Ref:No.Land/3/DGR-953/2012

Date: 07.12.2012

To
The Nodal Officer.
Office of the Principal Chief Conservator of Forests.
Govt. of Assam, Rehabari, Guwahati – 8 Assam.

Sub: Proposal for de-reservation of Forest land for Drilling Location- DGR at Upper Dihing Reserve Forest (WB) under Digboi Forest Division: 5 (five) set.

Sir,

For the purpose of exploration of Hydrocarbon within the Doomdoo Mining Lease Area, we have scheduled to drill one well in the Upper Dihing Reserve Forest (WB) under Digboi Forest Range of Digboi Forest Division named as 'DGR'.

2.0 The area required by us is shown in the attached site plan **Drawing No.OIL/9980** and in the scale of 1:50,000 of the topographical map of location DGT within Digboi Forest Range, the details of the which is given below:

- i) Plinth Area2.021 Hectares
- ii) App. Road0.805 Hectares

Total : 2.826 Hectares

3.0 As such you are hereby requested to initiate necessary action for diversion of the aforesaid reserve forest area for non-forestry purpose i.e. for drilling a well at Location "DGR" under the provision of the Forest Conservation Act, 1980. We also request you to handover the plot of land to us at the earliest enabling us to take up the required civil engineering job for taking up the drilling works as per the programme of the company. Duly filled in part I with respect to the de-reservation of the land involved in the said location is enclosed herewith for necessary action at your end, please.

4.0 We also confirm that OIL INDIA LIMITED shall take adequate pollution control measures and take necessary protection as per the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981. Desired environmental clearance from the appropriate authority with respect to the Environmental Impact Assessment Notification of 14th September 2006 (EIA 2006) will also be obtained and produced in due course of time. (Before taking over possession of the site.)

[Signature]
10-12-12

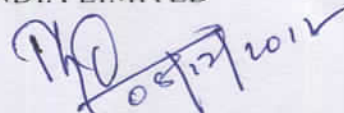
Contd....page 2/-

5.0 In case the well is abandoned the area shall be returned to the Forest Department.

6.0 We shall be grateful if you will kindly initiate necessary action on priority basis to handover the above plot of forest land to OIL INDIA LIMITED to start the civil construction jobs.

Thanking you,

Yours faithfully
OIL INDIA LIMITED


(DIPU HAZARIKA)
HEAD - LAND

For RESIDENT CHIEF EXECUTIVE.

Encl: As stated above.

- Copy to :
- 1) The Chief Conservator of Forests (C)
Regional Office, North Eastern Region,
Upland Road, Laitumkhrach Shillong - 3
 - 2) The Principal Secretary to the Govt. of Assam,
Forest Department, Dispur.
Assam
 - 3) The Principal Chief Conservator of Forests,
Govt. of Assam, Rehabari, Guwahati - 8
Assam
 - 4) The Conservator of Forests,
Eastern Assam Circle,
Jorhat, Assam.
 - 5) Divisional Forest Officer
Divisional Forest Office
Digboi

(DIPU HAZARIKA)
HEAD - LAND
For RESIDENT CHIEF EXECUTIVE

APPENDIX
(See Rule 6)
FORM – 'A'

**Form for seeking prior approval under section 2 of the proposals
by the State Governments and other authorities**

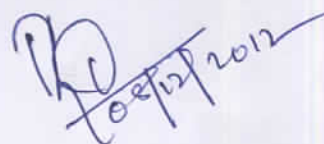
PART – I
(to be filled up by user agency)

1.0 Project details :

- (i) Short narrative of the proposal and project/scheme for which forest land is required : An area of 2.826 Hectares of Forest Land required for Oil India Limited's drilling location DGR in Upper Dihing Reserve Forest(West Block) under Digboi Forest Range of Doomdooma Forest Division, District Tinsukia, Assam.
- (ii) Map showing the required forest land boundary of the adjoining forest on a 1:50,000 scale map : Drawing No.OIL/9980 [Layout of well site] and Topo sheet No.83M11
- (iii) Cost of the project : ₹ 2.12 Crores (approx)
- (iv) Justification for locating the project in forest area : Oil India Ltd. is a Public Sector undertaking engaged in exploration, Production and transportation of Crude Oil and Natural Gas. The drilling location site is selected after Geological studies and interpretation of data obtained from seismic survey. There is indication of strong possibilities of presence of Hydrocarbon in location DGR which falls in forest area. Since the location site is scientifically determined based on geological and seismic data, it is not possible to change the site.

- (v) Cost – benefit analysis (to be enclosed) : Oil India Ltd. is a Public Sector undertaking giving C/B Ratio devoted to exploration and production of oil and gas. Production of oil is of immense importance to the Govt. from both economic and defence angles. Production of oil benefits the state Govt. as well as the Central Govt. as it receives substantial royalty. Local inhabitants benefit greatly from growth of oil production. Communication facilities are developed with the growth of Oil Industries. local youth get job in the companies.
- (vi) Employment likely to be generated : Indirect generation of jobs for the local youths during the site preparation as well as drilling phase for peripheral jobs being generated and growth of ancillary industries if hydrocarbon is commercially produced. However, the exact number of jobs created in the project cannot be computed.
- 2.0 Purpose-wise break-up of the total land required : i) Plinth Area ... 2.021 Hectares
ii) App.Road ... 0.805 Hectares
Total : 2.826 Hectares
- 3.0 Details of displacement of people due to the project, if any : Not applicable
- (i) Number of families : Not applicable
- (ii) Number of Schedule Castes/Scheduled Tribe families : Not applicable
- (iii) Rehabilitation plan (to be enclosed) : Not applicable
- 4.0 Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No.) : Yes

- 5.0 Undertaking to bear the cost of : Undertaking enclosed
 raising and maintenance of (Annexure-I & Annexure-II)
 compensatory afforestation and/or
 penal compensatory afforestation
 as well as cost for protection and
 regeneration of Safety Zone, etc.
 as per scheme prepared by the
 State Government (undertaking to
 be enclosed)
- 6.0 Details of certificates/documents : Map showing required forest land along with
 enclosed as required under the necessary layout plan and topo sheet of the area
 instruction as per para 1 (ii) and undertaking etc. as
 mentioned in para 5 above are enclosed.



(DIPU HAZARIKA)
 HEAD-LAND
 OIL INDIA LTD, DULIAJAN-786602
 (Signature)
 (Name in Block letters)
 Designation
 Address (of User Agency)

Date:
 Place: Duliajan

State serial No. of Proposal _____

(To be filled up by the Nodal Officer with date
 of receipt)

CU(140) → Sekhar Bhattacharya
for info & no. 10.
11/01/2014



Government of Assam
Department of Environment & Forests
Office of the Divisional Forest Officer
Digboi Division: Digboi

Ph.No.03751-264433

Fax No.03751-264433
E-mail: dfodigboi@gmail.com

Letter No. A/G-8 (Oil)/2014/34-36

Dated: 04-01-2014

From:

Sri G.R. Das, AFS
Divisional Forest Officer
Digboi Division, Digboi
Dist-Tinsukia, Assam.

To

The Conservator of Forests
Eastern Assam Circle
Jorhat

Sub:- Submission of proposed for de-reservation of 2.463 ha of Forest Land for drilling location DGT at Upper Dehing Reserve Forest (WB).

Ref:- Chief Conservator of Forests (T), Upper Assam Zone, Guwahati letter No. FGT.27/Nodal/Drilling Location/OIL/DGT dt. 29-05-2013.

Sir,

With reference to the Chief Conservator of Forests (T), Upper Assam Zone, Guwahati letter cited above, I have the honour to submit herewith 5 (Five) sets of Nodal proposal in Form A Part-I and Part-II for diversion of 2.463 ha Forest Land for non-forestry purpose in UDRF (WB) under section 2 of Forest Conservation Act. 1980 and rules 6 of Forest Conservation Rules 2003 for prior approval of Central Govt.

This is for favour of your kind information and necessary action.

Encl:- 5 (Five) sets of proposal.

Yours faithfully

Divisional Forest Officer
Digboi Division, Digboi

Copy to:-

1. The Principal Chief Conservator of Forests & Head of Forest Force, Assam, Rehabari, Guwahati-8 for favour of his kind information.
2. The Chief Conservator of Forests (T), Upper Assam Zone, Kacharighat, Guwahati-1 for favour of his kind information.

Divisional Forest Officer
Digboi Division, Digboi

Memo No. B/G-8 (Oil)/2014/111

Dated: 04-01-2014

Copy with one set of proposal to the Chief Manager (Land), Oil India Limited, Duliajan for his kind information.

Divisional Forest Officer
Digboi Division, Digboi

PART – II

(Proposal for de-reservation of 2.463 Ha. of Forest Land for drilling location DGT at Upper Dehing Reserve Forest (West Block))

7.	Location of the project/scheme	Balijan UDRF (WB), Digboi Range
	i) State/union territory	Assam
	ii) District	Tinsukia
	iii) Forest Division	Digboi Forest Division
	iv) Area of forest land proposed for diversion (in hect)	2.463 Ha.
	v) Legal status of forest	Reserve Forest
	vi) Density of vegetation	0.4
	vii) Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation/ hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.	Species wise scientific names and enumeration list and valuation list enclosed
	viii) Brief note on vulnerability of the forest area to erosion	Records of erosion in last few decades were not found. Hence vulnerability to erosion may be treated as nil.
	ix) Approximate distance of proposed site for diversion from boundary of forest	The proposed location is well inside the Upper Dehing Reserve Forest (West Block).
	x) Whether forms part of National park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (if so, the details of the area and comments of the Chief wildlife warden to be annexed)	It is a part of Dehing Patkai Elephant Reserve. Comments from the Chief Wildlife Warden, Assam are requested and the reply is awaited. There is no elephant corridor in an around the proposed site.
	xi) Whether any rare / endangered / unique species of flora and fauna found in the area if so details thereof.	Presence of any rare and endangered species apart from some butterflies are not noticed.
	xii) Whether any protected archeological/ heritage site/defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	No
8	Whether the requirement of forest land as proposed by the user agency in col.2 of part-I is unavailable and barest minimum for the project. If no, recommended area item-wise with details of alternative examined.	Yes, the requirement of land is the barest minimum and necessary for the specific work of drilling purposes.
9.	Whether any work in violation of the act has been carried out (yes/no). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress	No work in violation of any existing Forest Acts has been carried out.
10	Details of compensatory of afforestation scheme	Enclosed
	i) Details of non-forest area/degraded forest area identified for compensatory afforestation its distance from adjoining forest, number of patches, size of each patch	Area required for C.A. is 4.926 Ha (Say 5.0 Ha) single patch at Borjan within UDRF (WB) under Digboi Range has been indentified. Its GPS Co-ordinates are- 1. N= 27°22'30.5", E= 95°33'49.5" 2. N= 27°22'32.5", E= 95°33'54.5"

	2. N= 27°22'32.5", E= 95°33'54.5" 3. N= 27°22'27.6", E= 95°33'51.1" 4. N= 27°22'29.3", E= 95°34'01.1"	
ii) Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining boundaries	Map enclosed.	
iii) Details compensatory afforestation scheme including species to be planted, implementing agency time, schedule, cost structure etc.	Compensatory afforestation scheme enclosed	
iv) Total financial outlay for compensatory afforestation scheme	a. Cost of C.A. Rs.= 24,14,425.00 b. Overhead 50% = 12,07,213.00 Total Rs. =36,21,638.00	
v) Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (to be signed by concerned Deputy Conservator of Forest)	Enclosed	
11. Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col.7(xi, xii) 8 & 9 above	Enclosed	
12. Division/District profile		
i) Geographical area of the district	3,79,100 hect.	
ii) Forest area of the division	64,219 hect. R.F.= 55714.64 hect. P.R.F.= 8504.15 hect.	
iii) Total forest area diverted since 1980 with number of cases	160.041 hect. in 57 nos. cases.	
iv) Total compensatory afforestation stipulated in the district / division since 1980 on (a) forest land including penal compensatory afforestation, (b) non-forest land.	a) 437.30 hect. in Forest area b) 19.431 hect. in no Forest area.	
v) Progress of compensatory afforestation as on (date) on		
(a) Forest land : (i) (ii) (iii)	437.30 hect.	
(b) Non-Forest land (i) (ii)	19.431 hect.	
13. Specific recommendation of the DCF for acceptance or otherwise of the proposal with reason	May be accepted	

(G.R. Das, AFS)

Divisional Forest Officer
Digboi Division, Digboi

Signature

Name G.R. Das, AFS

Office Seal

Date:

Place: Digboi

Divisional Forest Officer
Digboi Division, Digboi
Tinsukia, Assam


SITE INSPECTION REPORT (Division level)



1.	Legal status of forest land for diversion	Reserve Forests
2.	Item-wise break up details of the forest land proposed for diversion	a. Lay out of well site, plinth area = 1.600 ha. b. Appr. Road = 0.198 ha. c. Boiler and Flare = 0.665 ha Total = 2.463 ha.
3.	Item-wise proposal involves any construction of building (including residential) or not, if yes, details thereof.	
4.	Total cost of the project at present rates	Rs.2.12 crores.
5.	Wild life Whether forest area proposed for diversion is important from wild life point of view or not.	Yes. The proposed area falls within the Dehing Patkai Elephant Reserve and within the R.F. of UDRF (WB).
6.	Vegetation (Total nos. of trees to be felled)	58 Tress
	Important species	(1) Hangaloo (2) Gomari (3) Uriam (4) Khakon (5) Selleng (6) Raghu (7) Hingori (8) M. Shal (9) Hollong (10) Serish (11) Azar
	Number of trees to be felled of girth below 60 cm.	NIL
	Number of trees to be felled of firth above 60 cm.	58 Tress
7.	Background note on the proposal	Oil India Ltd (OIL) is the premier National Oil Company engaged is business of exploration, production and transportation of crude oil and natural gas. It is public sector undertaking. Production of oil is of immense importance to the Govt. from both economic and defense angle. Production of oil benefits the State Govt. also.
8.	Compensatory afforestation :- Whether land for compensatory afforestation is suitable for plantation and management point of view or not.	The C.A. will be taken up at Baliyan in UDRF under Digboi Range. The area is adjunct to rod site and is a degraded area.
	Whether land for compensatory afforestation is free from encroachment/ other incumbencies	Yes
	Whether land for compensatory afforestation is important from religious/ archeological point of view	No
	Land identified for raising compensatory afforestation is how many patch are compact or not	One compact patch
	Map with details	Enclosed 3 sets
	Total financial outlay	
	(a) Net present value (NPV)	Rs. 23,12,757.00
	(b) Cost of Compensatory Afforestation	Rs. 24,14,425.00
	(c) Over Head Cost	Rs. 12,07,213.00
	(d) Timber operation	Rs. 75,088.00
	(e) Valuation of Timber	Rs. 1,13,633.00

9.	Whether proposal involves violation of Forest Conservation Act, 1980 or not if yes, a detail report on violation including action taken against the concerned officer	No
10.	Whether proposal involved rehabilitation of disposed person, if yes, whether rehabilitation plan has been prepared by the State Govt. or not (Details to be furnished specially if rehabilitation plan would effect any other Forest area by transacting oustees in ground the said Forest)	None will be displaced
11.	Cost benefits analysis.	Enclosed
12.	Utility of the project Number of SC/ST to be benefited by the project	Declaration of the user agency enclosed
13.	a) Whether land being diverted has any socio-cultural/religious value	No
	b) Whether any sacred grove of very old growth trees/forests exist in the area proposed for diversion	No
	c) Whether the land under diversion from any part of any unique eco-system	No
14.	Situation w.e.f. any P.A.	
15.	Any other information relating to the project	Nil




 (G.R. Das, AFS)
 Divisional Forest Officer
 Digboi Division, Digboi
 Divisional Forest Officer
 Digboi Division, Digboi
 Tinsukia, Assam



CERTIFICATE FROM THE COMPETENT AUTHORITY REGARDING
SUITABILITY OF AREA IDENTIFIED FOR COMPENSATORY AFFORESTATION

Certified that the proposed sites for compensatory plantation against OIL Drilling location at DGT (2.463 hact x 2) = 4.926 hact (Say 5.0 Ha) has been identified in degraded land at Balijan within UDRF (WB) under Digboi Range in Digboi Division. The same site is suitable for raising plantation under C.A. scheme and in management point of view.

(G.R. DAS, AFS)
DIVISIONAL FOREST OFFICER
DIGBOI DIVISION, DIGBOI
Divisional Forest Officer
Digboi Division, Digboi
Tinsukia, Assam



Government of Assam
Department of Environment & Forests
Office of the Divisional Forest Officer
Digboi Division: Digboi



Ph.No.03751-264433

Fax No.03751-264433

E-mail: dfodigboi@gmail.com

GRAND TOTAL:-

Total Financial outlay:-

1. Net present value	= Rs. 23,12,757.00
2. Cost of Compensatory Afforestation	= Rs. 24,14,425.00
3. Overhead cost	= Rs. 12,07,213.00
4. Cost of timber operation	= Rs. 75,088.00
5. Valuation of timber	= Rs. 1,13,633.00
6. Cost of safety Zone	= Rs. 1,83,900.00
Grand Total	= Rs. 63,07,016.00

(Rupees Sixty three lakhs seven thousand sixteen) only.

(G.R. DAS, AFS)
DIVISIONAL FORST OFFICER
DIGBOI DIVISION, DIGBOI
Divisional Forest Officer
Digboi Division, Digboi
Tinsukia, Assam



Government of Assam
Department of Environment & Forests
Office of the Divisional Forest Officer
Digboi Division: Digboi



Ph.No.03751-264433

Fax No.03751-264433
E-mail: dfodigboi@gmail.com

Compensatory afforestation scheme against the diversion of
2.463 hect. area of Oil Drilling Location DGT in Upper Dehing
Reserve Forest (West Block)

1. Total area for compensatory afforestation (2.463 hect. x 2) = 4.926 hect. (Say 5.0 Ha)
2. Location : Balijan under Digboi Range Upper
Dehing Reserve Forest (West Block)
GPS-1. N= 27°22'30.5", E= 95°33'49.5"
2. N=27°22'32.5", E= 95°33'54.5"
3. N=27°22'27.6", E= 95°33'51.1"
4. N=27°22'29.3", E= 95°34'01.1"
3. Species to be planted : 1) Hollong (Dipterocarpus
macrocarpus)
2) Kodam (Anthocephalus
Cadambon)
3) Borpat (Ailanthus Grandis)
4) Mekai (Shorea Assamica)
4. Implementing Agency : Forest Department, Digboi Division
5. 1. Cost of C.A. : = Rs. 24,14,425.00
2. Over head : = Rs. 12,07,213.00
3. Cost D.O. of timber : = Rs. 75,088.00
4. Valuation of timber : = Rs. 1,13,633.00
Total Rs. 38,10,359.00

(Rupees Thirty eight lakh ten thousand three hundred fifty nine) only

(G.R. DAS, AFS)
DIVISIONAL FOREST OFFICER
DIGBOI DIVISION, DIGBOI
Divisional Forest Officer
Digboi Division, Digboi
Tinsukia, Assam



NET PRESENT VALUE

Net present value Rs. 9,39,000/- per hect. (0.4 density)

As per Hon'ble Supreme Court of India's letter D:No 597/1995/SC/PILC dt. 15.05.2008.

$$\begin{aligned} &= \text{Rs. } 939000.00 \times 2.463 = \text{Rs. } 23,12,757.00 \\ &= \text{Rs. } 23,12,757.00 \end{aligned}$$

(Rupees Twenty three lakhs twelve thousand seven hundred fifty seven) only.

(G.R. DAS, AFS)
DIVISIONAL FOREST OFFICER
DIGBOI DIVISION, DIGBOI
Divisional Forest Officer
Digboi Division, Digboi
Tinsukia, Assam



Site Inspection Report

Certified that, I have inspected the OIL drilling location at DGT located at Upper Dehing Reserve Forest (West Block) under Digboi Range of this Division on 05/11/2013. During my site inspection I found that the total area of the drilling location at DGT is 2.463 (Say 5.0 hect). The site selected for drilling purposes is not the harbour of any endangered flora and fauna. Movement over out of endangered species through the site may happen. But that will not cause any disturb to the flora and fauna. The site is not protected for any archeological or heritage site or defense establishment or any other important monuments. The proposed site is 5 Km. away from the Dehing Patkai Protected Forests. There is no elephant corridor in an around the proposed site. In the same site the OIL carried out drilling exercises earlier. Presently the Oil authority is proposing to carry out the drilling activity in the same location. Now the total forest land proposed for diversion for drilling purposes is 2.463 (Say 5.0 hect). The drilling location site has been selected after geological studies and interpretation of data obtained from seismic survey. Hence it is unavoidable. No any work in violation of Forest Protection Act has also been carried out by the user agency in that location.

Submitted

(G.R. Das, AFS)

Divisional Forest Officer
Digboi Division, Digboi

Divisional Forest Officer
Digboi Division, Digboi
Tinsukia, Assam



Site Inspection Report

Certified that, I have inspected the OIL drilling location at DGT located at Upper Dehing Reserve Forest (West Block) under Digboi Range of this Division on 05/11/2013. During my site inspection I found that the total area of the drilling location at DGT is 2.463 (Say 5.0 hect). The site selected for drilling purposes is not the harbour of any endangered flora and fauna. Movement over out of endangered species through the site may happen. But that will not cause any disturb to the flora and fauna. The site is not protected for any archeological or heritage site or defense establishment or any other important monuments. The proposed site is 5 Km. away from the Dehing Patkai Protected Forests. There is no elephant corridor in an around the proposed site. In the same site the OIL carried out drilling exercises earlier. Presently the Oil authority is proposing to carry out the drilling activity in the same location. Now the total forest land proposed for diversion for drilling purposes is 2.463 (Say 5.0 hect). The drilling location site has been selected after geological studies and interpretation of data obtained from seismic survey. Hence it is unavoidable. No any work in violation of Forest Protection Act has also been carried out by the user agency in that location.

Submitted

(G.R. Das, AFS)

Divisional Forest Officer
Digboi Division, Digboi

Divisional Forest Officer
Digboi Division, Digboi
Tinsukia, Assam