## 環境チェックレポート

- (1) プロジェクト名 油ガス田開発プロジェクト
- (2) 実施場所 メキシコ合衆国中東部
- (3) プロジェクト概要 石油・ガス開発
- (4) カテゴリ分類カテゴリ A
- (5) カテゴリ分類の根拠

本事業は、環境ガイドラインに掲げる石油・天然ガス開発セクター、及 び影響を受けやすい地域に該当し、影響を及ぼしやすい特性を伴うため。

#### (6)環境許認可

本件の環境社会面の配慮については、メキシコ環境天然資源省 (SEMARNAT) から承認されていることが確認されている。

### (7) 汚染対策

大気質の計画値は、メキシコ合衆国の基準値を満たすと共に、世銀基準 を概ね下回る計画である。騒音および水質にかかる計画値は、現地基準 を満たす。また、廃棄物は同国制度に基づき処理される計画である。

#### (8) 自然環境面

本件サイトは、影響を受けやすい地域(保護区)に該当するが、保護区 内では一切の活動を行わない計画である。また、本プロジェクトの実施 により森林伐採が発生する場合には、事業者は、伐採相当分の植林を実 施する計画である。

### (9) 社会配慮面

本件サイトは、影響を及ぼしやすい地域(先住民族)に該当する。また 用地取得は発生するが、住民移転は発生しない。事業者は先住民族に対 して適切な対応計画を策定・実施する。

# (10) その他・モニタリング

本件では、大気質、水質、騒音、生態系につきモニタリングを行う予定である。

以上

# Questions

Q1. Please provide the address of the project s	ile.
The Project is majory located on the Horthern are	na of the state of Veracruz in Mexico.
Q2. Please provide brief explanation of the pro-	aject.
Exploration and Production of oil and gas.	
Q3. Will JBIC loan be applied to a new proje please inform the presence of strong claims by t	ect or an executing project? In case of executing project, ocal residents.
New Project Executing Project (without Claim)	☐ Executing Project (with Claim) ☐ Others (Please specify )
Q4. In case of this project, is it necessary to e the laws or regulations? If necessary, please in	execute Environmental Impact Assessment (RIA) based on sform the progress of EIA.
Required (Completed)  Not Required	Required (Under execution or under planning)  Cities (Please specify )
QS. In case that EIA is already completed, ple on the environmental assessment system or no date and name of authorities of the approval.	cases inform whether BIA report is already approved based of. If BIA report is already approved, please provide the
☐ Approved (without condition) ☐ Under approval process	Approved (conditional)  Others (Please specify )
DGIRA-DDT-0381/05)	2 and 2005 with the documents (DGIRA-DIA-0659/02 and Ambients y Recursos Naturales (Secretary or Ministry of the NAT)
Q6. If environmental permit(s) other than permit(s). Have you obtained required permit	RIA is required, please provide the name of required i(e)?
Obtained Not required	☐ Required, but not obtained yet ☐ Others (Please specify )
Name(s) of required permit(s):  Q7. Will the loan be used for the undertaking lease of muchinery that has no relation with a project at the time of loan agreement)?	g that cannot specify the project at this stage (e.g. export or specific project, or Two Step Loan that cannot specify the
(Yes (No)	
If you answered "Yes", it is not necessary to re If you answered "No", please reply to the follow	ply to the following questions. ving questions.
Q8. Are there any environmentally sentitive s	rea shown below in and around project site?
(Yes) No)	

If you answer If you answer	red "Yes", please select ap red "No", please reply to	pplicable Items by questions 9 and af	marking, and re er.	eply to following	questions.	
□ (i)	National parks, protectes minorities or indigenous	d areas designated	by government (	(coastal areas, we	tlands, habitats c	æ
□ (2)	Primeval forests, tropical		b arrest erec't		•	
□ (3)	Ecologically important h		manarova, tidal	figis, etc.)		•,
<b>(4)</b>	Habitata of endangered a agreements.	pecies of which pro	tection is require	d under local laws	and internations	ď
	Descrification areas	•	, • .	•		
<b>(2)</b> (7)		s from archaeologic	al, historical and	or cultural viewpo	oints	
<b>(8)</b>	Habitats of minorities, i areas with special social	indigenous populati value	ions, nomadic p	copie with tradition	onal life style, o	T
•				•		
Q9. Does th	e project involve followin	g elements?			•	
(Yes) N	(o)					
			٠.			
If you answer	red "Yes", please describe	e the scale of appil	cable elements,	and reply to the	questions 10 and	đ
aneŗ.	red "No", please reply to	•				
~ Jon 900 400	er was through reliable	deserves TT SUGE	uer.		." ·	
□ (1)	Involuntary resettlement	(Number of resett	lers:	)		
	Pumping of groundwater		ton/year)			
	Land reclamation and/or			ha)	•	
	Deforestation		.000 ha)			
elements aski satisfies the re	e reply to this question of the country where the ed in question 9? If the egulation or not.  It is applicable (**) sati	e project is plann e country has suc	ed, are there as h regulation, pl	ny meanletiane a	n a male of th	•
	(a reaso sheerty	• • •	,			
Please reply t	o questions 11 and after.	•		•		
Q11. Will J amount of JB	BIC share in the projectic loan equal or less than	at be equal or less a SDR 10 million?	than 5% of th	e total project (	cost, or the total	ı
(Yes(I	NO .	•			•	
If you answer If you answer	ed "Yes", it is not necessi ed "No", please raply to c	ary to reply to the questions 12 and a	following questic ten	ons.		
immiteliai	the project belong to eler is not anticipated un donary renovation proj ??	ider normal candi	tions (e.g. main	tenunce of the e	wisting facilities	
(Yes(I		*				
If you answer	ed "Yes", it is not necessa	ry to reply to follo	wing questions.		=	

## Q13. Does the project belong to the following sectors?

(1) Hydro power plant. Dam or water reservoir

		1 B.Y	·
π	Yesy	, NO	)
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If you answered "Yes", please specify the sector by marking, and reply to questions 14 and after. If you answered "No", it is not necessary to reply to the following questions.

_	•	
	(2)	Thermal power plant
	(3)	Mines
	(4)	Development of oil and gas
		Pipeline
	(6)	Steel industry (with large scale furnace)
Ħ.	(n)	No-ferrous metal refining
		Petrochemical (including manufacturing of raw materials and petrochemical complex)
		Terminal of oil, gas and chemicals
	(9)	
		Petroleum refining
		Paper and pulp
		Manufacturing and/or transportation of hazardous substances (specified by international agreement)
		Road, railway or bride
	(14)	Airport
	.(15)	Port
	(16)	Waste material processing or treatment
	(17)	Treatment of sewage and/or waste water that includes hazardous substances or executed at
_	<b>(,</b>	environmentally sensitive area
	(18)	Power transmission and/or distribution lines (including large scale involuntary resettlement, large
	,,	scale deforestation or submarine cable)
	(19)	Tourism (Construction of hotel, etc.)
		Forestry or tree planting
۳	(41)	Agriculture (large scale project and/or project including irrigation)

Q14. Please provide information on the scale of the project (project area, area of plants and buildings, production capacity, amounts of power generation, etc.) Further, pleased explain whether an execution of RIA is required on account of the large scale of the project in the country where the project is implemented.

The principal physical goals in next years are.

														TURE UP
Development wells	1,074	9	1,207	1,218	1,217	1,213	1,218	128	1,214	1	7	1,140	1,122	15,160
Mayorworkovers	348	418	1,278	1,888	1,985	2,349	2,197	2,589	2,400	2,520	2,371	2,456	2,452	25,244
Miner workovere	1,410	1,621	2,480	2,708	3,168	3,549	3,427	9,769	3,612	3,728	8,327	8,889	2,793	38,651
Completion of development wells	874	1,200	1,211	631	1,217	1,212	1,248	1,160	1,220	1,210	978	1,140	1,138	14,583
Balamio (km²)	1,280	1,920	1,420				•							4,820

Additional facilities required involve roads and paths of drilling, crude oil separation batteries, 4 processing centers and pipelines.

Two Impact Assessment Evaluations have been produced and a Line Base Study commissioned to the UNDP, to comply both with the legislation and with PEMEX commitment to social responsibility and sustainable development.