

TEMPLATE FOR WELL COMMENCEMENT NOTICE

Well Commencement - Information / Data to be provided by the operator			
#	Description	Data	Remarks
1.	Company Name		
2.	Block/License /Lease		
3.	Well Name		
4.	Classification (exploratory, appraisal, development, injection, water disposal or other)		
5.	Location (tehsil/district/province) - Marked with adjoining ELs / D&PL / Wells		
6.	Coordinates (latitude, longitude, X Y coordinates)		
7.	Location on Topo Sheet / Google Maps		
8.	Distance from Block Boundary		
9.	Geological Information		
	9.1 Depth structure map		
	9.2 Structural & stratigraphic x-section passing through well location		
	9.3 Formation tops with TD		
	9.4 Primary Objective		
	9.5 Secondary Objective(s)		
	9.6 Analogue well / Offset well(s)		
	9.7 Trap type		
	9.8 Hydrocarbon type		
	9.9 Volumetric estimate and/or Material Balance estimates in case of development well		
	9.10 Information on possibility of reserves/resources from the target		
	9.11 Structure/formation may be partially falling outside EL/D&PL		

Well Commencement - Information / Data to be provided by the operator			
#	Description	Data	Remarks
10.	Geophysical Information		
	10.1 Location on seismic line (with clearly marked SP or in-line & x-line)		
	10.2 Time & depth structure map		
11.	Commitment Well (Y/N)		
12.	Re-entry (Y/N)		
13.	Well trajectory type (vertical, horizontal, deviated)		
14.	Planned Date of Rig Mobilization		
15.	Planned Date of spud		
16.	Planned date of Completion		
17.	Casing Schematic		
18.	Cuttings Sampling Program		
19.	Coring Program (formation, length & number of cores)		
20.	Logging Program:		
	20.1 Open Hole Logging (type and intervals/formations)		
	20.2 Cased Hole Logging (type and intervals/formations)		
21.	Time Line (days) – Drilling:		
	Testing		
	Completion		
	Total		
22.	Status of EPA Approval (attach copy of EPA approval)		
23.	Estimated Cost of the Well – Drilling		
	Testing		
	Completion		

Well Commencement - Information / Data to be provided by the operator			
#	Description	Data	Remarks
	Total		
24.	Primary operator Contact – Name:		
	Contact Number:		
	Email:		

Dated:

Signature (Operator):

Approved subject to the Following:

**Provisions of PCA, Licence, Ruels, Lease,
Environment and Safety Guidelines, (Dec.1996)**

Dated:

Signature (DGPC):

**TEMPLATE FOR EXTENSION OR RENEWAL
OF EXPLORATION LICENSE**

**TEMPLATE FOR WELL SUSPENSION/
ABANDONMENT NOTICE**

Attachment A

Well Abandonment for exploratory/appraisal well* - Information / Data to be provided by the operator			
#	Description	Info/Data	Remarks
1.	Company Name		
2.	Block/License /Lease		
3.	Well Name with coordinates and location (tehsil/district/province)		
4.	JV Partners with working interest and operator		
5.	Geological Information – Formation tested as per approved well commencement notice		
6.	Well type (vertical, horizontal, deviated)		
7.	Spud date, rig mobilization date and demobilization plan		
8.	Drilling and testing dates		
9.	Target formation and depth		
10.	Actual depth drilled		
11.	Casing size and depth (attach a well sketch)		
12.	DST / Well testing (testing procedures and results)		
13.	Reason for failure (attach a brief assessment report)		
14.	Abandonment with or without rig		
15.	Details of plug and cement to be placed for safe abandonment of the well as per good international oil field practices		
16.	Schematic/sketch of well to be abandoned		
17.	Any other information particular to the well to be abandoned		
* Information / data to be provided by the operator at least 30 days in advance of planned abandonment only for a depleted well (advance notice period is not required in case of emergency)			

Dated:

Signature (Operator):

Approved subject to the Following:

**Provisions of PCA, Licence, Ruels, Lease,
Environment and Safety Guidelines, (Dec.1996)**

Dated:

Signature (DGPC):

Attachment B

Post well abandonment - Information / Data to be provided by the operator			
#	Description	Info/Data	Remarks
1.	Well abandonment report – a copy to be submitted to DGPC within 45 days of abandonment. This report to include the following:		
	1.1 Confirmation that the ditch samples (unwashed/washed/washed and dried at intervals) has been submitted to HDIP under intimation to DGPC		
	1.2 Confirmation that well cores (number, length of core, core description, side wall cores) has been submitted to HDIP under intimation to DGPC		
	1.3 Schematic / sketch of abandoned well		
	1.4 Confirmation that the logging (open hole/cased) have been submitted to DGPC		
	1.5 Confirmation that DST and/or well testing reports, schematic/ sketch of abandoned well have been submitted to DGPC		
2.	Surface condition of Wellhead including photograph of restored Area		

Attachment C

Well Abandonment for depleted or unsafe well* - Information / Data to be provided by the operator			
#	Description	Info/Data	Remarks
1.	Company Name		
2.	Block/License /Lease		
3.	Well Name with coordinates and location (tehsil/district/province)		
4.	JV Partners with working interest and operator		
5.	Geological Information – producing formation		
6.	Depleted or unsafe well		
7.	Well type (vertical, horizontal, deviated)		
8.	Rig or rig less, mobilization date		
9.	Reservoir information		
	I. Depth		
	II. Zone under production for abandonment		
	III. Other zones encountered in the well and their status		
10.	Casing size and depth (attach a well sketch)		
11.	Reason for abandonment. Attach a complete report that includes:		
	I. Confirmation that all recoverable reserves have been produced		
	II. No other zones/reservoir can be accessed through this well		
	III. Justification to support that the continued production from the well proposed to be abandoned is not economical		
	IV. Details of unsafe well and required mitigation		
12.	Abandonment with or without rig		
13.	Details of abandonment plan including:		
	I. Assurance that the complete isolation will be achieved with no communication with any known aquifers through the well bore		
	II. Details of plugs, cement, other material and equipment to be placed in the wellbore to safely abandoned as per international oilfield practices		

14.	Any other information particular to the well to be abandoned		
* Information / data to be provided by the operator at least 30 days in advance of planned abandonment (advance notice period is not required in case of emergency)			

Dated:

Signature (Operator):

Approved subject to the Following:

**Provisions of PCA, Licence, Ruels, Lease,
Environment and Safety Guidelines, (Dec.1996)**

Dated:

Signature (DGPC):

Attachment D

Post well abandonment - Information / Data to be provided by the operator			
#	Description	Info/Data	Remarks
1	Well abandonment report – a copy to be submitted to DGPC within 45 days of abandonment. This report to include the following:		
	1.1 All technical details of the well at the time of abandonment e.g. reservoir pressure, status of the well bore including fluids left in the well bore, etc.		
	1.2 Schematic/ sketch of abandoned well		
2	Surface condition of Wellhead including photograph of restored Area		

TEMPLATE FOR MISCELLANEOUS WELL NOTICES

Miscellaneous Well Notice - Information / Data to be provided by the operator			
#		Info/Data	Remarks
1.	Company Name		
2.	Block/License /Lease		
3.	Well Name with coordinates and location (tehsil/district/province)		
4.	JV Partners with working interest and operator		
5.	Geological Information – Formation on production or of interest for workover		
6.	Well type (vertical, horizontal, deviated)		
7.	Rig or rig less, Mobilization date and demobilization schedule		
8.	Reservoir information		
	8.1 Depth		
	8.2 Zone under production slated for perforating/testing/abandonment		
	8.3 Other zones encountered in the well and their status		
9.	Casing size and depth (attach a well sketch)		
10.	Technical reason for miscellaneous well notice		
11.	Technical details, as applicable:		
	<ul style="list-style-type: none"> Interpreted logs marked with planned perforations/testing intervals 		
	<ul style="list-style-type: none"> RFT/MDT log (interpreted data) 		
	<ul style="list-style-type: none"> Testing program (formation intervals, number and type of DSTs, flow duration, choke size) 		
	<ul style="list-style-type: none"> Estimated BHP and BHT 		
	<ul style="list-style-type: none"> Expected gas composition 		
	<ul style="list-style-type: none"> Expected type of fluid – Gas/Oil/Condensate/water 		
	<ul style="list-style-type: none"> PVT sample (planned) 		
	<ul style="list-style-type: none"> Post testing plan 		
	<ul style="list-style-type: none"> Planned period of testing (start and finish) 		
	<ul style="list-style-type: none"> Well completion information 		
12.	Information on flaring of gas during testing/completion		
13.	Any other important aspect that needs to be reported particular to the well		

Dated:

Signature (Operator):

Approved subject to the Following:

**Provisions of PCA, Licence, Ruels, Lease,
Environment and Safety Guidelines, (Dec.1996)**

Dated:

Signature (DGPC):

**TEMPLATE FOR APPROVAL OF APPRAISAL
PROGRAM FOR A DISCOVERY OR NO
APPRAISAL**

Appraisal Program for Area*			
Information/Data to be provided by the Operator			
Activity	Info / Data	Timeline (from- to)	Remarks/Justification

*** Please add additional data/information, as appropriate.**

TEMPLATE: EXTENDED WELL TESTING

EWT - Information / Data to be provided by the operator			
#		Info/Data	Remarks
	Operator, JV Partners		
	Name of the Area and Exploratory Well		
1.	Formations / intervals / reservoir to be tested		
2.	Analysis of DST/MDT/Well test undertaken		
3.	Volumetric and estimated Reserves		
4.	Production profile during EWT (graph and table form)		
5.	Elaborate technical reasons for carrying out EWT such as:		
	5.1 Reserves uncertainty		
	5.2 Reservoir boundaries/fault orientation		
	5.3 Hydrocarbon properties confirmation		
	5.4 Other reasons		
6.	Impact of EWT on reservoir		
7.	Duration of EWT (production period and arrangement for testing equipment / services) with justification especially in case the request is for a period greater than 30 days		
8.	Proposed plan for disposal of Oil / Gas / water		

9.	Proposed plan for produced hydrocarbons		
10.	Timeframe for flaring of gas, if any		
11.	Estimated cost for EVT including details of testing equipment employed and processing facilities when RPC is being charged		

TEMPLATE: RELINQUISHMENT OF AREA OR SURRENDER OF EL

No Appraisal, further exploratory work or relinquishment or surrender - Information / Data to be provided by the operator			
#		Info/Data	Remarks
1.	Company Name		
2.	Block/License/Lease with district / province		
3.	Working Interest Owners with interests		
4.	Well (Discovery) Name with coordinate and location		
5.	Geological formation tested with actual depth drilled		
6.	Well status – Commitment/new/re-entry		
7.	Well timeline		
	7.1 Rig Mobilization		
	7.2 Spud date		
	7.3 Testing date		
	7.4 Completion date		
	7.5 Demobilization planned date		
8.	DST/Well testing details		
9.	Justification for no appraisal for proceeding with exploratory work or surrender the EL (attach final assessment report)		
10.	Primary operator Contact – Name:		
	Contact Number:		
	Email:		

Date:

Signature (Operator):

Approved subject to the Following:

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Environment and Safety Guidelines, (Dec.1996)**

Dated:

Signature (DGPC):

TEMPLATE: STATUS OF OBLIGATIONS:

Obligations - Information / Data to be provided by the operator							
Maps and coordinates of the Area to be relinquished	Work Commitment		Other Obligations		Status of Data		Plan for Area restoration
	Committed	Status	Rent, SW, Training etc.	Status	Acquired	Delivered to DGPC	

TEMPLATE: PROCESSING TO D&PL WITHOUT APPRAISAL:

No Appraisal, proceed with D&PL - Information / Data to be provided by the operator

#		Info/Data	Remarks
1.	Company Name		
2.	Block/License/Lease with district / province		
3.	Well (Discovery) Name with coordinate and location		
4.	Working Interest Owners with interests		
5.	Geological formation tested with actual depth drilled		
6.	Well status – Commitment/new/re-entry		
7.	Well timeline		
	7.1 Rig Mobilization		
	7.2 Spud date		
	7.3 Testing date		
	7.4 Completion date		
	7.5 Demobilization planned date		
8.	DST/Well testing details		
9.	Justification for development/D&PL request with no appraisal (attach final assessment report)		
10.	Primary operator Contact – Name:		
	Contact Number:		
	Email:		

Date:

Signature (Operator):

Approved subject to the Following:

**Provisions of PCA, Licence, Ruels, Lease,
Environment and Safety Guidelines, (Dec.1996)**

Dated:

Signature (DGPC):

TEMPLATE FOR APPROVAL OF DECLARATION OF COMMERCIALITY

TEMPLATE: DECLARATION OF COMMERCIALITY

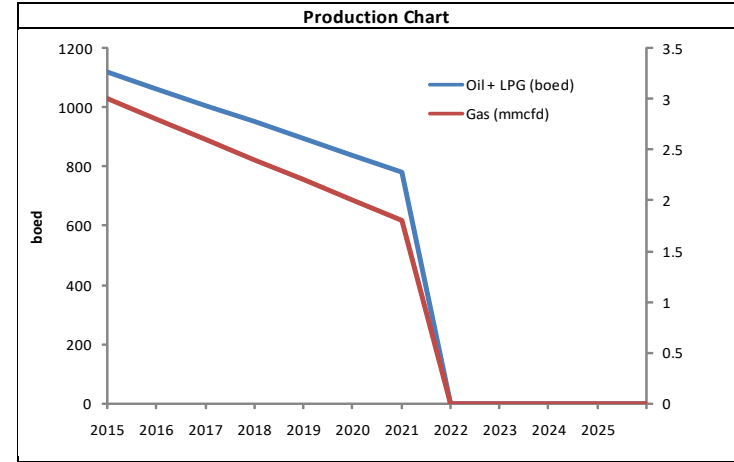
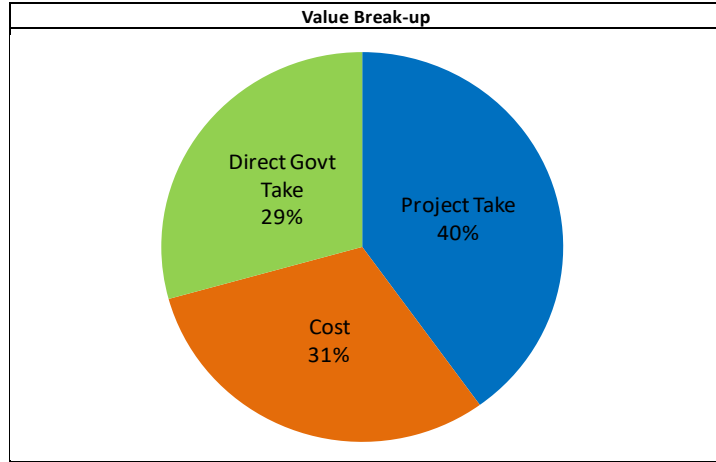
Declaration of Commerciality - Information / Data to be provided by the operator			
#		Info/Data	Remarks
1.	All relevant Geological information including structure map, logs, gross and net pay, estimated porosity and permeability		
2.	Activities to develop the discovery area		
3.	Assumptions for		
	3.1 Reserves (proved, probable as per SPE definition)		
	3.2 Price (hydrocarbons to be produced) as per applicable fiscal regime		
	3.3 Transportation		
4.	Estimated Production profiles		
5.	Estimated capital expenditure for above equipment and its installation		
6.	Estimated operating expenditure (Operations – unit cost per BOE + fixed operating cost)		
7.	Estimated project IRR and NPV		

Note: Information contained in the template is an example.

Summary Dashboard

Key Inputs									
Block Name	ABC	PCA Signing Date	JAN 10 2010	Reserves (MMBOE)	3.4	CAPEX (\$MM)	35.6	Oil (\$/BBL)	82.4
Field Name	ZYX	Applicable Policy	2007	Calorific Value	900	OPEX (\$MM)	22.4	Gas (\$/MMBTU)	3.1
Discovery Date	JAN 12 2014	Zone	III	Discount Rate %	0%			LPG (\$/ton)	680.0

Project Results / Financials									
Pre-Tax NPV0 June 2015 (\$MM)	119.9	Cessation of Production	2022	IRR	>100%	Reserve Eff (\$/boe)	10.5	Revenue (\$MM)	211.2
Post-Tax NPV0 June 2015 (\$MM)	84.6	Direct GOP Take (\$MM)	61.9	Opex (\$/boe)	6.6	Production (mmboe)	3.4	Per Boe Revenue (\$)	62.1



	\$MM
Project Take	84.6
Cost	64.7
Direct Govt Take	61.9

Run Sensitivities				
Sensitivities Impact	Plus 20% (\$MM)		Minus 20% (\$MM)	
	NPV	Govt Take	NPV	Govt Take
Production (+20%)	20.61	14.47	-20.61	-14.47
Capex (+20%)	0.00	0.00	0.00	0.00
Opex (+20%)	-2.38	-1.59	2.38	1.59
BOC Price (+20%/bbl)	21.24	14.74	-21.24	-14.74

TEMPLATE FOR APPROVAL OF FIELD DEVELOPMENT PLAN (FDP)

TEMPLATE: FIELD DEVELOPMENT PLAN

Field Development Plan - Information / Data to be provided by the operator			
	Description	Data	Remarks
1.	Discovery Area (structure from seismic/well data, zone thickness from logs)		
2.	Petrophysical parameters		
3.	Wells – Number of producers and injectors		
4.	Hydrocarbon recovery factor with basis		
5.	Production profile		
6.	Proposal for the development and production of each discovery area including possible alternatives and proposals relating to the sale of associated gas /condensate/LPG		
7.	Proposal relating to:		
	7.1 the spacing, drilling and completion of development wells		
	7.2 production, processing and storage facilities		
	7.3 transportation arrangement including alternatives like pipelines		
8.	Investment Plan including estimated Capital and Operating expenditures		
9.	Time schedule of all activities covered in the development plan (represented in a Gantt Chart)		

Attachment A

Information/Data to be provided by the Operator		
Activity/ Heading	Data	Remarks
Input Data		
1- Activity set for field development		
2- Historical costs for recovery		
seismic		
exploration wells		
G&G studies		
3- Production profiles		
4- Capex plan (wells, facilities, land/buildings, etc.)		
5- Opex – yearly profile, unit cost of production		
6. Key activities in the future, if any, including capital costs/workovers		
7-Fiscal regime (zone, applicable policy for price, tax, and other relevant info./factors)		
8- Assumptions/data for:		
a. Reserves (proved, probable, as per SPE definitions)		
b. Price (of produced hydrocarbons)		
c. Discounting rate, abandonment/decommissioning costs		
Output Data		
1. Production/sales profile (including shrinkage, flare and in-field use)		
2. Total and individual product Revenues		
3. Total Costs and unit costs (yearly)		
4. Gross and net profit including tax (yearly)		
5. Royalty (yearly)		
6. Other GoP take (prod. bonus, rent, training, social welfare, Windfall Levy if applicable etc.)		
7. Total GoP take i.e sum of 5 and 6 above (royalty, tax and other government take)		
8. Project IRR and NPV		
Sensitivities		
1. Reserves (proved, probable, possible)		
2. Opex and Capex (+- 20%)		
Operator confirms		
1. Applicable price in \$/MMBTU, \$/BBL		
2. Gas price calculations using Arab Light/other references Yes/No		
3. Oil/condensate price references i.e. tie to Arab Light/Senipah Yes/No		
4. Royalty regime i.e. what are deductibles prior application of wellhead value (RPC- Yes/No)		
5. Exchange rate used where applicable (Rs/\$)		

Note:

1. Above information to be represented in both tabular/graphical form

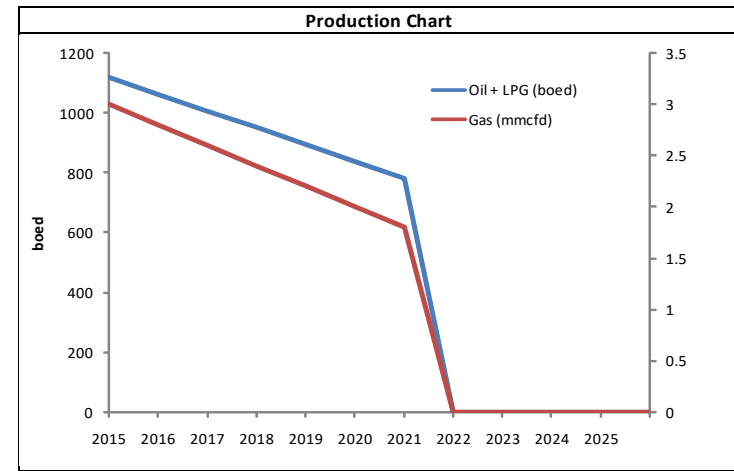
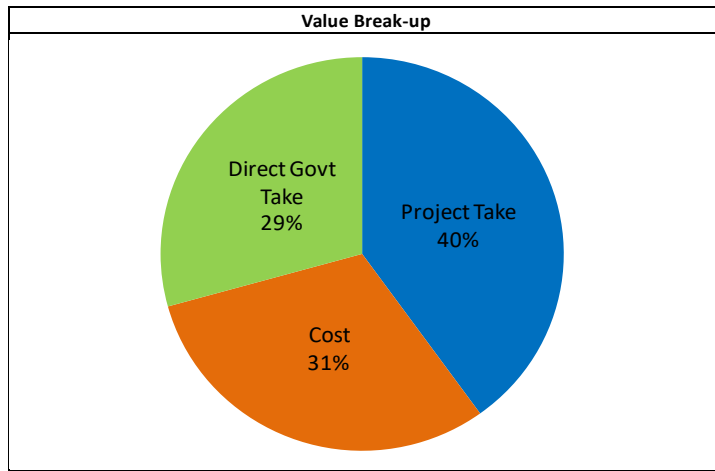
Attachment B

Note: Information contained in this template is an example

Summary Dashboard

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	\$MM
Project Take	84.6
Cost	64.7
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Run Sensitivities				
Sensitivities Impact	Plus 20% (\$MM)		Minus 20% (\$MM)	
	NPV	Govt Take	NPV	Govt Take
Production (+20%)	20.61	14.47	-20.61	-14.47
Capex (+20%)	0.00	0.00	0.00	0.00
Opex (+20%)	-2.38	-1.59	2.38	1.59
BOC Price (+20%/bbl)	21.24	14.74	-21.24	-14.74

**TEMPLATE FOR APPLICATION FORM FOR
DEVELOPMENT AND PRODUCTION LEASE
(ONSHORE)**

TEMPLATE: APPLICATION FORM FOR DEVELOPMENT AND PRODUCTION LEASE (ONSHORE)

1. Name of the applicant in full exactly as appearing in the certificate of incorporation:
2. Nature of business and incorporation of the applicant:
 - a. Place of incorporation:
 - b. Juridical status of the applicant at the place of incorporation:
 - c. If incorporated outside Pakistan, whether the applicant has valid permission to operate as a branch of a foreign company in Pakistan:
 - d. Nature of the applicant's business:
 - e. Principal place of the applicant's business:
 - f. If principal place of business is outside Pakistan, name and address of duly authorized agent in Pakistan:
 - g. If the applicant is a local company, name and address of duly authorized representative:
3. Details of principal shareholders and the directors:
 - a. Name of Principal shareholder(s) and Shareholding (%)
 - b. Directors: Name(s), Nationality, and Residential Address
4. Authorized, subscribed and paid up capital of the applicant:
5. Economic and financial data for the applicant (Year-wise for the last five years):
 - a. Total investment in petroleum activities breaks up as follows:
 - i. Exploration.
 - ii. Production.
 - iii. Transportation systems.
 - iv. Refining and processing.
 - v. Marketing.
 - b. The total turnover of the group as well as the turnover with regard to petroleum activities.
 - c. Net income after taxes.

- d. Total value of assets.
- e. Profitability indicators, including the following.
 - i. Earnings per share.
 - ii. Return on common equity.
 - iii. Return on total capital employed.
 - iv. Liquidity position.
 - v. debt to equity ratio
- f. Trading profit and loss forecasts for the next five years (including projected balance sheets and cash flow statements and any assumptions made in preparing the forecasts), and if appropriate, how any deficit will be met.

6. If applicant intends to apply as an operator, he shall provide the following, namely:

- a. **Applicant structure:** Details of management structure showing clear lines of responsibility and processes for upstream operations providing all details of operations staff to be based in Pakistan. Details of the role of sub-contractors in the applicant's decision-making process.
- b. **Health, safety and environmental management (HSE):** Details of health, safety and environmental management systems implemented and used by the applicant.
- c. **Management system:** Details of how company will manage in practice an exploration, development or production operation, clearly describing the division of responsibility between the applicant's own staff and sub-contractors, if the latter are to be employed.
- d. **Worldwide operating experience:** Details of all operating experience overseas to demonstrate a track record of effective exploration and field management.
- e. **Field management resources:** Details of the technical resources available to the prospective operator. The company's own capacity to analyse the potential of a field. Details of capability and experience in relation to enhanced recovery operations.
- f. **Training policy:** Details of any formal training standards that the applicant has adopted including how the company will establish such standards with sub-contractors. Particular reference should be made to the company's record of training its indigenous staff.
- g. **Reserves and economics calculation:** Details of the methodology adopted by the company for reserve estimation and field economics.
- h. **Additional information:** Any additional information that the company considers relevant to the application.

7. Details of technical capacity of the applicant:

- a. Number of professionals (likely to be deployed for Pakistan operations) employed at the time of filing of the application: [Geologists, Geophysicists and HSE professionals – minimum 5-year experience] [Petroleum Engineers / Petro-physicists – minimum 8-year experience]
- b. Proven oil and gas reserves (Onshore and Offshore) booked as per standards set under good international oilfield practices as of the end of the last accounting year: [Oil (million barrels), Gas (billion cubic feet) and Total: (million barrels of oil equivalent) (MMBOE)]

- c. Production of oil and gas (separately for Onshore and Offshore) for the last five years (Year-wise) ending at the last accounting year: [Oil (barrels per day), Gas (million cubic feet per day) and Total: (barrels of oil equivalent per day) (BOE/day)]
- d. Refining and sale of oil and gas worldwide as of the end of the last accounting year: [Oil (barrels per day), Gas (million cubic feet per day) and Total: (barrels of oil equivalent per day) (BOE/day)]
- e. Wells drilled (Year-wise) for the last five years ending at the last accounting year (separately for Onshore and Offshore as an Operator or/and Non-Operator): [Exploration, Appraisal and Development Wells]
- f. Number of geologists to be deployed for Pakistan operations.

8. Operational experience of the applicant:

- a. Name of the countries in which holding operatorship at present (details separately for Onshore and Offshore):
- b. Years since acting as the operator (separately for Onshore and Offshore):
- c. Same details as required under (a) and (b) above for worldwide Non-Operated interests:

9. State amount of capital available for investment in Pakistan:

- a. at present available,
- b. which applicant can make available when petroleum right is awarded
- c. Indicate the source of funding in respect of clause (a) and (b).
- d. The applicant must provide documentary evidence along with application to substantiate the above information to the satisfaction of DGPC.

10. We hereby swear that we are not incapable of contracting with the Federal Government, Government Holdings (Private) Limited (GHPL) and/or [name of Provincial Holding Company, if any].

11. We hereby declare that.

- a. There is no pending litigation, legal process or other circumstances that might cause us to breach our obligations.
- b. All particulars contained herein are correct.

12. Furthermore, we hereby declare that we will abstain from all political activities whatsoever affecting the sovereignty or security of Pakistan or such as may be tantamount to interference in its internal affairs and that especially we will eschew all espionage.

Signature(s) of the authorized

Representative of the applicant

Title _____

Date _____

**TEMPLATE FOR APPLICATION FORM FOR
DEVELOPMENT AND PRODUCTION LEASE
(OFFSHORE)**

TEMPLATE: APPLICATION FORM FOR DEVELOPMENT AND PRODUCTION LEASE (OFFSHORE)

1. Name(s) of applicant(s) in full

2. (A) (*) Particulars of the company (ies)

- a. Principal place of business
- b. If Principal place of business is outside Pakistan, name and address of duly authorized agent in Pakistan

- c. Nature of Business
- d. Authorized, Subscribed and paid up capital of the company.

Authorized Capital: _____

Subscribed & Paid-up Capital: _____

e. Name of Directors and Nationality

Name	Title	Nationality
_____	_____	_____
_____	_____	_____
_____	_____	_____

f. Name of Principal Shareholder: _____

Amount of shareholding: _____

(B) Provide a copy of Articles and Memorandum of Association along with certificate of incorporation and annual audited reports of last three years of all of the applicants.

3. State whether Reconnaissance Permit, Exploration License or Development & Production Lease is required.

4. Period for which the Petroleum right is required.

5. Situation and approximate size of the area or areas for which application is made.

6. Brief particulars of previous experience in Petroleum exploration, field development, and production work in Pakistan and abroad.

7. Names and qualification of technical experts or advisors:

Name	Qualification	Experience
_____	_____	_____
_____	_____	_____
_____	_____	_____

8. State amount of capital available for operations under the petroleum right applied for.

- a. At present available
- b. Which applicant can make available and the source
- c. The applicant must provide documentary evidence along with application to substantiate the above information to the satisfaction of the Government. Annual Reports for past three years attached

9. The applicant for an exploration license shall submit in addition the data referred in Exhibit I to this Schedule

We hereby declare that all the foregoing particulars are correct. Furthermore, we hereby declare that we shall abstain from all political activity whatsoever affecting the sovereignty or security of Pakistan or such as may tantamount to interference in its internal affairs and that especially we will eschew all espionage.

Dated: -----

Signature of Applicant -----

Name: _____

Title: _____

TEMPLATE FOR EXTENSION OF DEVELOPMENT AND PRODUCTION LEASE

TEMPLATE: EXTENSION OF D&PL PERIOD

Extension of D&PL - Information / Data to be provided by the operator			
#		Info/Data	Remarks
1.	Period for which D&PL was originally granted		
2.	Remaining period before expiry of initial term – 25 years		
3.	Justification for extension in the granted period		
4.	Updated FDP		
5.	Current production		
6.	Estimated production profile for requested period		

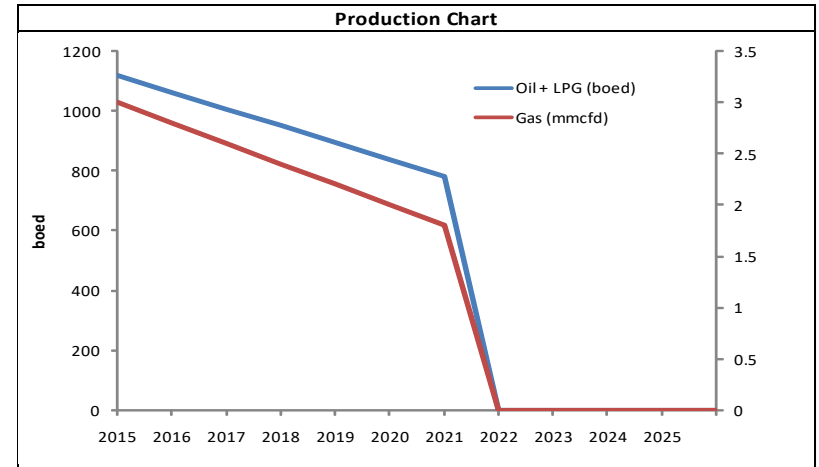
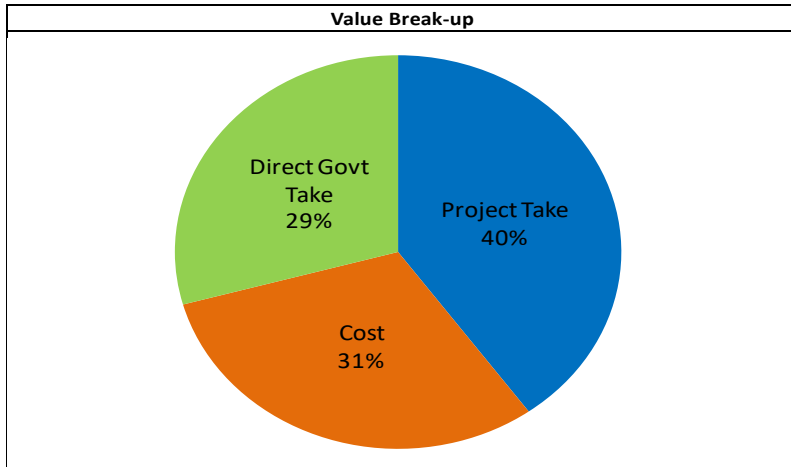
Attachment B

Note: Information contained in this template is an example

Summary Dashboard

Key Inputs									
Block Name	ABC	PCA Signing Date	JAN 10 2010	Reserves (MMBOE)	3.4	CAPEX (\$MM)	35.6	Oil (\$/BBL)	82.4
Field Name	ZYX	Applicable Policy	2007	Calorific Value	900	OPEX (\$MM)	22.4	Gas (\$/MMBTU)	3.1
Discovery Date	JAN 12 2014	Zone	III	Discount Rate %	0%			LPG (\$/ton)	680.0

Project Results / Financials									
Pre-Tax NPV0 June 2015 (\$MM)	119.9	Cessation of Production	2022	IRR	>100%	Reserve Eff (\$/boe)	10.5	Revenue (\$MM)	211.2
Post-Tax NPV0 June 2015 (\$MM)	84.6	Direct GOP Take (\$MM)	61.9	Opex (\$/boe)	6.6	Production (mmboe)	3.4	Per Boe Revenue (\$)	62.1



	\$MM
Project Take	84.6
Cost	64.7
Direct Govt Take	61.9

Run Sensitivities

Sensitivities Impact	Plus 20% (\$MM)		Minus 20% (\$MM)	
	NPV	Govt Take	NPV	Govt Take
Production (+20%)	20.61	14.47	-20.61	-14.47
Capex (+20%)	0.00	0.00	0.00	0.00
Opex (+20%)	-2.38	-1.59	2.38	1.59
BOC Price (+ 20%/bbl)	21.24	14.74	-21.24	-14.74

TEMPLATE FOR RENEWAL OF DEVELOPMENT AND PRODUCTION LEASE

TEMPLATE: RENEWAL OF D&PL TERM

Renewal of D&PL term - Information / Data to be provided by the operator			
#		Info/Data	Remarks
1.	Lease expiring date		
2.	Renewal period requested		
3.	Revised FDP		
4.	Current production		
5.	Estimated production profile for requested renewal		
6.	Justification for extension in the granted period		

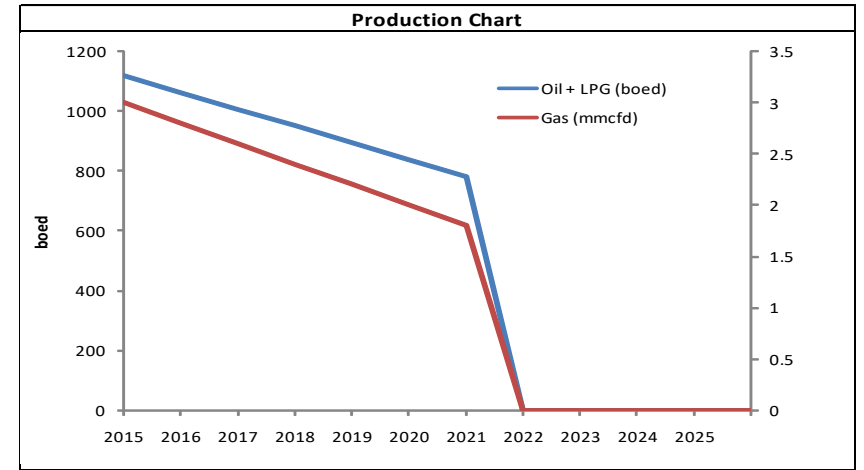
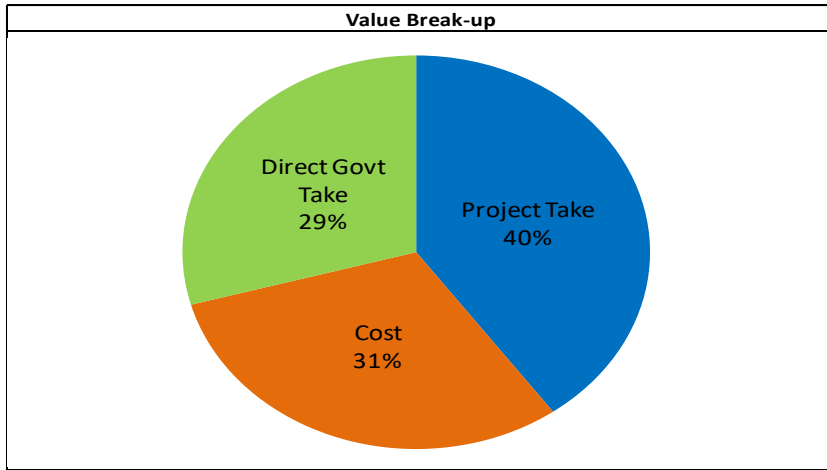
Attachment B

Note: Information contained in this template is an example

Summary Dashboard

Key Inputs									
Block Name	ABC	PCA Signing Date	JAN 10 2010	Reserves (MMBOE)	3.4	CAPEX (\$MM)	35.6	Oil (\$/BBL)	82.4
Field Name	ZYX	Applicable Policy	2007	Calorific Value	900	OPEX (\$MM)	22.4	Gas (\$/MMBTU)	3.1
Discovery Date	JAN 12 2014	Zone	III	Discount Rate %	0%			LPG (\$/ton)	680.0

Project Results / Financials									
Pre-Tax NPV0 June 2015 (\$MM)	119.9	Cessation of Production	2022	IRR	>100%	Reserve Eff (\$/boe)	10.5	Revenue (\$MM)	211.2
Post-Tax NPV0 June 2015 (\$MM)	84.6	Direct GOP Take (\$MM)	61.9	Opex (\$/boe)	6.6	Production (mmboe)	3.4	Per Boe Revenue (\$)	62.1



	\$MM
Project Take	84.6
Cost	64.7
Direct Govt Take	61.9

Run Sensitivities				
Sensitivities Impact	Plus 20% (\$MM)		Minus 20% (\$MM)	
	NPV	Govt Take	NPV	Govt Take
Production (+20%)	20.61	14.47	-20.61	-14.47
Capex (+20%)	0.00	0.00	0.00	0.00
Opex (+20%)	-2.38	-1.59	2.38	1.59
BOC Price (+20%/bbl)	21.24	14.74	-21.24	-14.74

TEMPLATE FOR DATA RETIEVAL/ REPORTING REQUIREMENT

Template for Record Keeping

Information / Data to be provided by the Operator			
Confirmation that records are being maintained in accordance with Rule 46,47, 48 & 49 (2013 Rules)			
Type of Report for each Permit/EL/Lease Area	Year Wise History of Record Keeping	Record Distruction Proposals with Time Frame	Remarks
Accounts Records			
Well Records			
Production Records			

Template for Annual Report

Information / Data to be provided by the Operator for each area			
Annual Report in accordance with Rule 52 (2013 Rules) due by Of the following year			
Type of Report for each Permit/EL/Lease Area	Status		Remarks
	Due	Submitted	
Financial Statement with an abstract of the accounts, prepared in accordance with accounting principles generally accepted in the petroleum industry and audited by a recognized firm of chartered accountants approved by the Authority			
A description of all exploration, development, production and other work carried out by the holder during the year			
Estimates of in place and recoverable reserves of petroleum			
Estimates of petroleum production and exports			

Template for Monthly Report

Information / Data to be provided by the Operator			
Monthly Report in accordance with Rule 53 (2013 Rules) due by Of the following month			
Type of Report for each Permit/EL/Lease Area	Status		Remarks
	Due	Submitted	
Summary of all geological and geo-physical work			
Summary of all drilling activity and results obtained			
List of maps, reports and other geological and geo-physical data prepared or acquired in connection with the activities			
Statement of expenditure incurred by the holder of petroleum right			

Template for Daily Report

Information / Data to be provided by the Operator			
Daily Report in accordance with Rule 54 (2013 Rules) due by 10 AM Of the following day			
Type of Report for each EL/Lease Area	Status		Remarks
	Due	Submitted	
Daily well reports on a prescribed format			

Template for Ocassional Report

Information / Data to be provided by the Operator			
Ocassional Report in accordance with Rule 55 (2013 Rules)			
Type of Report for each Permit/EL/Lease Area	Status		Remarks
	Due	Submitted	
Report, if a well shows the presence of petroleum			
Report containing geological information and chemical analysis, results of the drill stem.			
After completion or abandonment of drilling operation, a comprehensive well report			

TEMPLATE FOR ASSIGNMENT OF WORKING INTEREST

TEMPLATE: APPLICATION FORM FOR TRANSFER OF WORKING INTEREST (ONSHORE)

1. Name of the assignee in full exactly as appearing in the certificate of incorporation:
2. Nature of business and incorporation of the assignee / assignor:
 - a. Place of incorporation:
 - b. Juridical status of the applicant at the place of incorporation:
 - c. If incorporated outside Pakistan, whether the applicant has valid permission to operate as a branch of a foreign company in Pakistan:
 - d. Nature of the applicant's business:
 - e. Principal place of the applicant's business:
 - f. If principal place of business is outside Pakistan, name and address of duly authorized agent in Pakistan:
 - g. If the applicant is a local company, name and address of duly authorized representative:
3. Details of principal shareholders and the directors:
 - a. Name of Principal shareholder(s) and Shareholding (%)
 - b. Directors: Name(s), Nationality, and Residential Address
4. Authorized, subscribed and paid up capital of the assignee / assignor:
5. Economic and financial data for the applicant (Year-wise for the last five years):
 - a. Total investment in petroleum activities (break up) as follows:
 - i. exploration.
 - ii. production.
 - iii. transportation systems.
 - iv. refining and processing.
 - v. marketing.
 - b. The total turnover of the group as well as the turnover with regard to petroleum activities.

- c. Net income after taxes.
- d. Total value of assets.
- e. Profitability indicators, including the following.
 - i. earnings per share.
 - ii. return on common equity
 - iii. return on total capital employed
 - iv. liquidity position
 - v. debt to equity ratio
- f. Trading profit and loss forecasts for the next five years (including projected balance sheets and cash flow statements and any assumptions made in preparing the forecasts), and if appropriate, how any deficit will be met.

6. If applicant intends to apply as an operator, he shall provide the following, namely:

- a. **Applicant (assignee) structure:** Details of management structure showing clear lines of responsibility and processes for upstream operations providing all details of operations staff to be based in Pakistan. Details of the role of sub-contractors in the applicant's decision-making process.
- b. **Health, safety and environmental management (HSE):** Details of health, safety and environmental management systems implemented and used by the applicant.
- c. **Management system:** Details of how company will manage in practice an exploration, development or production operation, clearly describing the division of responsibility between the applicant's own staff and sub-contractors, if the latter are to be employed.
- d. **Worldwide operating experience:** Details of all operating experience overseas to demonstrate a track record of effective exploration and field management.
- e. **Field management resources:** Details of the technical resources available to the prospective operator. The company's own capacity to analyse the potential of a field. Details of capability and experience in relation to enhanced recovery operations.
- f. **Training policy:** Details of any formal training standards that the applicant has adopted including how the company will establish such standards with sub-contractors. Particular reference should be made to the company's record of training its indigenous staff.
- g. **Reserves and economics calculation:** Details of the methodology adopted by the company for reserve estimation and field economics.
- h. **Additional information:** Any additional information that the company considers relevant to the application.

7. Details of technical capacity of the assignee:

- a. Number of professional (likely to be deployed for Pakistan operations) employed at the time of filing of the application: [Geologists, Geophysicists and HSE professionals – minimum 5-year experience] [Petroleum Engineers / Petro-physicists – minimum 8-year experience]
- b. Proven oil and gas reserves (Onshore and Offshore) booked as per standards set under good international oilfield practices as of the end of the last accounting year: [Oil (million barrels), Gas (billion cubic feet) and Total: (million barrels of oil equivalent) (MMBOE)]

- c. Production of oil and gas (separately for Onshore and Offshore) for the last five years (Year-wise) ending at the last accounting year: [Oil (barrels per day), Gas (million cubic feet per day) and Total: (barrels of oil equivalent per day) (BOE/day)]
- d. Refining and sale of oil and gas worldwide as of the end of the last accounting year: [Oil (barrels per day), Gas (million cubic feet per day) and Total: (barrels of oil equivalent per day) (BOE/day)]
- e. Wells drilled (Year-wise) for the last five years ending at the last accounting year (separately for Onshore and Offshore as an operator or/and non-operator): [Exploration, Appraisal and Development Wells]
- f. Number of geologist to be deployed for Pakistan operations.

8. Operational experience of the assignee:

- a. Name of the countries in which holding operatorship at present (details separately for Onshore and Offshore):
- b. Years since acting as the operator (separately for Onshore and Offshore):
- c. Same details as required under (a) and (b) above for worldwide Non-Operated interests:

9. State amount of capital available for investment in Pakistan:

- a. at present available,
- b. which applicant can make available when petroleum right is awarded
- c. indicate the source of funding in respect of clause (a) and (b).
- d. the applicant must provide documentary evidence along with application to substantiate the above information to the satisfaction of DGPC.

10. We hereby swear that we are not incapable of contracting with the Federal Government, Government Holdings (Private) Limited (GHPL) and/or [name of Provincial Holding Company, if any].

11. We hereby declare that.

- a. there is no pending litigation, legal process or other circumstances that might cause us to breach our obligations.
- b. all particulars contained herein are correct.

12. Furthermore, we hereby declare that we will abstain from all political activities whatsoever affecting the sovereignty or security of Pakistan or such as may be tantamount to interference in its internal affairs and that especially we will eschew all espionage.

Signature(s) of the authorized

Representative of the applicant

Title _____

Date _____

TEMPLATE: APPLICATION FORM FOR TRANSFER OF WORKING INTEREST (OFFSHORE)

1. Name(s) of (assignee) in full

2. (A) (*) Particulars of the company (ies)

a. Principal place of business

b. If Principal place of business is outside Pakistan, name and address of duly authorized agent in Pakistan

c. Nature of Business

d. Authorized, Subscribed and paid up capital of the company.

Authorized Capital: _____

Subscribed & Paid-up Capital: _____

e. Name of Directors and Nationality

Name

Title

Nationality

f. Name of Principal Shareholder: _____

Amount of shareholding: _____

(B) Provide a copy of Articles and Memorandum of Association along with certificate of incorporation and annual audited reports of last three years of all of the applicants.

3. State the reason for application.

4. Period for which the petroleum right is required. N/A

5. Situation and approximate size of the area or areas for which application is made.

6. Brief particulars of previous experience in Petroleum exploration, field development, and production work in Pakistan and abroad.

7. Names and qualification of technical experts or advisors:

Name	Qualification	Experience
_____	_____	_____
_____	_____	_____
_____	_____	_____

8. State amount of capital available for operations under the petroleum right applied for.

- a. At present available
- b. Which applicant can make available and the source
- c. The applicant must provide documentary evidence along with application to substantiate the above information to the satisfaction of the Government.

Annual Reports for past three years attached

We hereby declare that all the foregoing particulars are correct. Furthermore, we hereby declare that we shall abstain from all political activity whatsoever affecting the sovereignty or security of Pakistan or such as may tantamount to interference in its internal affairs and that especially we will eschew all espionage.

Dated: -----

Signature of assignee / assignor -----

Name: _____

Title: _____

TEMPLATE FOR TRANSFER OF WORK COMMITMENT IN EL

TEMPLATE: FOR TRANSFER OF WORK COMMITMENT IN EL

Transfer of Work Commitment - Information / Data to be provided by the operator

Block #

License / Lease

Term	Work Program			Obligations (Rent, SW, Training)		Guarantee and type (PCG/BG/others)		Work Program Proposed to be transferred		Justification for proposed transfer*
	Obligation	Discharged	Outstanding	Paid	Due	Amount	Validity	From Block & Zone	To Block & Zone	
Phase 1										
Phase 2										
Renewal 1										
Renewal 2										

* Note: Operator to provide the OCM minutes and approvals for the proposed transfer along with complete justification

TEMPLATE FOR TRANSFER OF OPERATORSHIP

TEMPLATE: APPLICATION FORM FOR TRANSFER OF OPERATORSHIP (ONSHORE)

Note: the information for the new operator along with the applicant will be provided wherever applicable in this form

1. Name of the applicant / new operator in full exactly as appearing in the certificate of incorporation:
2. Nature of business and incorporation of the applicant:
 - a. Place of incorporation:
 - b. Juridical status of the applicant at the place of incorporation:
 - c. If incorporated outside Pakistan, whether the applicant has valid permission to operate as a branch of a foreign company in Pakistan:
 - d. Nature of the applicant's business:
 - e. Principal place of the applicant's business:
 - f. If principal place of business is outside Pakistan, name and address of duly authorized agent in Pakistan:
 - g. If the applicant is a local company, name and address of duly authorized representative:
3. Details of principal shareholders and the directors:
 - a. Name of Principal shareholder(s) and Shareholding (%)
 - b. Directors: Name(s), Nationality, and Residential Address
4. Authorized, subscribed and paid up capital of the applicant:
5. Economic and financial data for the applicant (Year-wise for the last five years):
 - a. Total investment in petroleum activities (break up) as follows:
 - i. exploration.
 - ii. production.
 - iii. transportation systems.
 - iv. refining and processing.
 - v. marketing.
 - b. The total turnover of the group as well as the turnover with regard to petroleum activities.

- c. Net income after taxes.
- d. Total value of assets.
- e. Profitability indicators, including the following.
 - i. earnings per share.
 - ii. return on common equity
 - iii. return on total capital employed
 - iv. liquidity position
 - v. debt to equity ratio
- f. Trading profit and loss forecasts for the next five years (including projected balance sheets and cash flow statements and any assumptions made in preparing the forecasts), and if appropriate, how any deficit will be met.

6. If applicant intends to apply as an operator, provide the following, namely:

- a. **Applicant structure:** Details of management structure showing clear lines of responsibility and processes for upstream operations providing all details of operations staff to be based in Pakistan. Details of the role of sub-contractors in the applicant's decision-making process.
- b. **Health, safety and environmental management (HSE):** Details of health, safety and environmental management systems implemented and used by the applicant.
- c. **Management system:** Details of how company will manage in practice an exploration, development or production operation, clearly describing the division of responsibility between the applicant's own staff and sub-contractors, if the latter are to be employed.
- d. **Worldwide operating experience:** Details of all operating experience overseas to demonstrate a track record of effective exploration and field management.
- e. **Field management resources:** Details of the technical resources available to the prospective operator. The company's own capacity to analyse the potential of a field. Details of capability and experience in relation to enhanced recovery operations.
- f. **Training policy:** Details of any formal training standards that the applicant has adopted including how the company will establish such standards with sub-contractors. Particular reference should be made to the company's record of training its indigenous staff.
- g. **Reserves and economics calculation:** Details of the methodology adopted by the company for reserve estimation and field economics.
- h. **Additional information:** Any additional information that the company considers relevant to the application.

7. Details of technical capacity of the applicant:

- a. Number of professional (likely to be deployed for Pakistan operations) employed at the time of filing of the application: [Geologists, Geophysicists and HSE professionals – minimum 5-year experience] [Petroleum Engineers / Petro-physicists – minimum 8-year experience]
- b. Proven oil and gas reserves (Onshore and Offshore) booked as per standards set under good international oilfield practices as of the end of the last accounting year: [Oil (million barrels), Gas (billion cubic feet) and Total: (million barrels of oil equivalent) (MMBOE)]

- c. Production of oil and gas (separately for Onshore and Offshore) for the last five years (Year-wise) ending at the last accounting year: [Oil (barrels per day), Gas (million cubic feet per day) and Total: (barrels of oil equivalent per day) (BOE/day)]
- d. Refining and sale of oil and gas worldwide as of the end of the last accounting year: [Oil (barrels per day), Gas (million cubic feet per day) and Total: (barrels of oil equivalent per day) (BOE/day)]
- e. Wells drilled (Year-wise) for the last five years ending at the last accounting year (separately for Onshore and Offshore as an operator or/and non-operator): [Exploration, Appraisal and Development Wells]
- f. Number of geologist to be deployed for Pakistan operations.

8. Operational experience of the applicant:

- a. Name of the countries in which holding operatorship at present (details separately for Onshore and Offshore):
- b. Years since acting as the operator (separately for Onshore and Offshore):
- c. Same details as required under (a) and (b) above for worldwide non-operated interests:

9. State amount of capital available for investment in Pakistan:

- a. at present available,
- b. which applicant can make available when petroleum right is awarded
- c. indicate the source of funding in respect of clause (a) and (b).
- d. the applicant must provide documentary evidence along with application to substantiate the above information to the satisfaction of DGPC.

10. We hereby swear that we are not incapable of contracting with the Federal Government, Government Holdings (Private) Limited (GHPL) and/or [name of Provincial Holding Company, if any].

11. We hereby declare that.

- a. there is no pending litigation, legal process or other circumstances that might cause us to breach our obligations.
- b. all particulars contained herein are correct.

12. Furthermore, we hereby declare that we will abstain from all political activities whatsoever affecting the sovereignty or security of Pakistan or such as may be tantamount to interference in its internal affairs and that especially we will eschew all espionage.

Signature(s) of the authorized

Representative of the applicant

Title _____

Date _____

TEMPLATE: APPLICATION FORM FOR TRANSFER OF OPERATORSHIP (OFFSHORE)

Note: the information for the new operator along with the applicant will be provided wherever applicable in this form

1. Name(s) of applicant(s) in full

2. (A) (*) Particulars of the company (ies)

a. Principal place of business

b. If Principal place of business is outside Pakistan, name and address of duly authorized agent in Pakistan

c. Nature of Business

d. Authorized, Subscribed and paid up capital of the company.

Authorized Capital: _____

Subscribed & Paid-up Capital: _____

e. Name of Directors and Nationality

Name	Title	Nationality
_____	_____	_____
_____	_____	_____
_____	_____	_____

f. Name of Principal Shareholder: _____

Amount of shareholding: _____

(B) Provide a copy of Articles and Memorandum of Association along with certificate of incorporation and annual audited reports of last three years of all of the applicants.

3. State the reason of application.

4. Period for which the petroleum right is required.

N/A

5. Situation and approximate size of the area or areas for which application is made.

6. Brief particulars of previous experience in Petroleum exploration, field development, and production work in Pakistan and abroad.

7. Names and qualification of technical experts or advisors:

Name	Qualification	Experience
_____	_____	_____
_____	_____	_____
_____	_____	_____

8. State amount of capital available for operations under the petroleum right applied for.

- a. At present available
- b. Which applicant can make available and the source
- c. The applicant must provide documentary evidence along with application to substantiate the above information to the satisfaction of the Government. Annual Reports for past three years attached

We hereby declare that all the foregoing particulars are correct. Furthermore, we hereby declare that we shall abstain from all political activity whatsoever affecting the sovereignty or security of Pakistan or such as may tantamount to interference in its internal affairs and that especially we will eschew all espionage.

Dated :-.....

Signature of Applicant

Name: _____

TEMPLATE FOR RECONNAISSANCE PERMIT

TEMPLATE: APPLICATION FORM FOR RECONNAISSANCE PERMIT (ONSHORE)

1. Name of the applicant in full exactly as appearing in the certificate of incorporation:
2. Nature of business and incorporation of the applicant:
 - a. Place of incorporation:
 - b. Juridical status of the applicant at the place of incorporation:
 - c. If incorporated outside Pakistan, whether the applicant has valid permission to operate as a branch of a foreign company in Pakistan:
 - d. Nature of the applicant's business:
 - e. Principal place of the applicant's business:
 - f. If principal place of business is outside Pakistan, name and address of duly authorized agent in Pakistan:
 - g. If the applicant is a local company, name and address of duly authorized representative:
3. Details of principal shareholders and the directors:
 - a. Name of Principal shareholder(s) and Shareholding (%)
 - b. Directors: Name(s), Nationality, and Residential Address
4. Authorized, subscribed and paid up capital of the applicant:
5. Economic and financial data for the applicant (Year-wise for the last five years):
 - a. Total investment in petroleum activities breaks up as follows:
 - i. exploration.
 - ii. production.
 - iii. transportation systems.
 - iv. refining and processing.
 - v. marketing.
 - b. The total turnover of the group as well as the turnover with regard to petroleum activities.
 - c. Net income after taxes.

- d. Total value of assets.
 - e. Profitability indicators, including the following.
 - i. earnings per share.
 - ii. return on common equity
 - iii. return on total capital employed
 - iv. liquidity position
 - v. debt to equity ratio
 - f. Trading profit and loss forecasts for the next five years (including projected balance sheets and cash flow statements and any assumptions made in preparing the forecasts), and if appropriate, how any deficit will be met.
6. If applicant intends to apply as an operator, he shall provide the following, namely:
- a. **Applicant structure:** Details of management structure showing clear lines of responsibility and processes for upstream operations providing all details of operations staff to be based in Pakistan. Details of the role of sub-contractors in the applicant's decision-making process.
 - b. **Health, safety and environmental management (HSE):** Details of health, safety and environmental management systems implemented and used by the applicant.
 - c. **Management system:** Details of how company will manage in practice an exploration, development or production operation, clearly describing the division of responsibility between the applicant's own staff and sub-contractors, if the latter are to be employed.
 - d. **Worldwide operating experience:** Details of all operating experience overseas to demonstrate a track record of effective exploration and field management.
 - e. **Field management resources:** Details of the technical resources available to the prospective operator. The company's own capacity to analyse the potential of a field. Details of capability and experience in relation to enhanced recovery operations.
 - f. **Training policy:** Details of any formal training standards that the applicant has adopted including how the company will establish such standards with sub-contractors. Particular reference should be made to the company's record of training its indigenous staff.
 - g. **Reserves and economics calculation:** Details of the methodology adopted by the company for reserve estimation and field economics.
 - h. **Additional information:** Any additional information that the company considers relevant to the application.
7. Details of technical capacity of the applicant:
- a. Number of professional (likely to be deployed for Pakistan operations) employed at the time of filing of the application: [Geologist, Geophysicist and HSE professional – minimum 5-year experience] [Petroleum Engineers / Petro-physicist – minimum 8-year experience]
 - b. Proven oil and gas reserves (Onshore and Offshore) booked as per standards set under good international oilfield practices as of the end of the last accounting year: [Oil (million barrels), Gas (billion cubic feet) and Total: (million barrels of oil equivalent) (MMBOE)]

- c. Production of oil and gas (separately for Onshore and Offshore) for the last five years (Year-wise) ending at the last accounting year: [Oil (barrels per day), Gas (million cubic feet per day) and Total: (barrels of oil equivalent per day) (BOE/day)]
 - d. Refining and sale of oil and gas worldwide as of the end of the last accounting year: [Oil (barrels per day), Gas (million cubic feet per day) and Total: (barrels of oil equivalent per day) (BOE/day)]
 - e. Wells drilled (Year-wise) for the last five years ending at the last accounting year (separately for Onshore and Offshore as an Operator or/and Non-Operator): [Exploration, Appraisal and Development Wells]
 - f. Number of geologist to be deployed for Pakistan operations.
8. Operational experience of the applicant:
- a. Name of the countries in which holding operatorship at present (details separately for Onshore and Offshore):
 - b. Years since acting as the operator (separately for Onshore and Offshore):
 - c. Same details as required under (a) and (b) above for worldwide Non-Operated interests:
9. State amount of capital available for investment in Pakistan:
- a. at present available,
 - b. which applicant can make available when petroleum right is awarded
 - c. indicate the source of funding in respect of clause (a) and (b).
 - d. the applicant must provide documentary evidence alongwith application to substantiate the above information to the satisfaction of DGPC.
10. We hereby swear that we are not incapable of contracting with the Federal Government, Government Holdings (Private) Limited (GHPL) and/or [name of Provincial Holding Company, if any].
11. We hereby declare that.
- a. there is no pending litigation, legal process or other circumstances that might cause us to breach our obligations.
 - b. all particulars contained herein are correct.
12. Furthermore, we hereby declare that we will abstain from all political activities whatsoever affecting the sovereignty or security of Pakistan or such as may be tantamount to interference in its internal affairs and that especially we will eschew all espionage.

Signature(s) of the authorized
Representative of the applicant

Title _____

Date _____

TEMPLATE: APPLICATION FORM FOR RECONNAISSANCE PERMIT (OFFSHORE)

1. Name(s) of applicant(s) in full

2. (A) (*) Particulars of the company (ies)

a. Principal place of business

b. If Principal place of business is outside Pakistan, name and address of duly authorized agent in Pakistan

c. Nature of Business

d. Authorized, Subscribed and paid up capital of the company.

Authorized Capital: _____

Subscribed & Paid-up Capital: _____

e. Name of Directors and Nationality

Name	Title	Nationality
_____	_____	_____
_____	_____	_____
_____	_____	_____

f. Name of Principal Shareholder: _____

Amount of shareholding: _____

(B) Provide a copy of Articles and Memorandum of Association along with certificate of incorporation and annual audited reports of last three years of all of the applicants.

3.State whether Reconnaissance Permit, Exploration License or Development & Production Lease is required.

4.Period for which the Petroleum right is required.

5.Situation and approximate size of the area or areas for which application is made.

6. Brief particulars of previous experience in Petroleum exploration, field development, and production work in Pakistan and abroad.

7. Names and qualification of technical experts or advisors:

Name	Qualification	Experience
_____	_____	_____
_____	_____	_____
_____	_____	_____

8. State amount of capital available for operations under the petroleum right applied for.

- a. At present available
 - b. Which applicant can make available and the source
 - c. The applicant must provide documentary evidence along with application to substantiate the above information to the satisfaction of the Government.
- Annual Reports for past three years attached

TEMPLATE FOR GRANT OF RIGHTS- EXPLORATION LICENCE

TEMPLATE: APPLICATION FORM FOR EXPLORATION LICENSE (ONSHORE)

1. Name of the applicant in full exactly as appearing in the certificate of incorporation:
2. Nature of business and incorporation of the applicant:
 - a. Place of incorporation:
 - b. Juridical status of the applicant at the place of incorporation:
 - c. If incorporated outside Pakistan, whether the applicant has valid permission to operate as a branch of a foreign company in Pakistan:
 - d. Nature of the applicant's business:
 - e. Principal place of the applicant's business:
 - f. If principal place of business is outside Pakistan, name and address of duly authorized agent in Pakistan:
 - g. If the applicant is a local company, name and address of duly authorized representative:
3. Details of principal shareholders and the directors:
 - a. Name of Principal shareholder(s) and Shareholding (%)
 - b. Directors: Name(s), Nationality, and Residential Address
4. Authorized, subscribed and paid up capital of the applicant:
5. Economic and financial data for the applicant (Year-wise for the last five years):
 - g. Total investment in petroleum activities breaks up as follows:
 - vi. exploration.
 - vii. production.
 - viii. transportation systems.
 - ix. refining and processing.
 - x. marketing.
 - h. The total turnover of the group as well as the turnover with regard to petroleum activities.
 - i. Net income after taxes.
 - j. Total value of assets.
 - k. Profitability indicators, including the following.

- i. earnings per share.
- ii. return on common equity
- iii. return on total capital employed
- iv. liquidity position
- v. debt to equity ratio

- I. Trading profit and loss forecasts for the next five years (including projected balance sheets and cash flow statements and any assumptions made in preparing the forecasts), and if appropriate, how any deficit will be met.

6. If applicant intends to apply as an operator, he shall provide the following, namely:

- a. **Applicant structure:** Details of management structure showing clear lines of responsibility and processes for upstream operations providing all details of operations staff to be based in Pakistan. Details of the role of sub-contractors in the applicant's decision-making process.
- b. **HSE:** Details of health, safety and environmental management systems implemented and used by the applicant.
- c. **Management system:** Details of how company will manage in practice an exploration, development or production operation, clearly describing the division of responsibility between the applicant's own staff and sub-contractors, if the latter are to be employed.
- d. **Worldwide operating experience:** Details of all operating experience overseas to demonstrate a track record of effective exploration and field management.
- e. **Field management resources:** Details of the technical resources available to the prospective operator. The company's own capacity to analyse the potential of a field. Details of capability and experience in relation to enhanced recovery operations.
- f. **Training policy:** Details of any formal training standards that the applicant has adopted including how the company will establish such standards with sub-contractors. Particular reference should be made to the company's record of training its indigenous staff.
- g. **Reserves and economics calculation:** Details of the methodology adopted by the company for reserve estimation and field economics.
- h. **Additional information:** Any additional information that the company considers relevant to the application.

7. Details of technical capacity of the applicant:

- a. Number of professional (likely to be deployed for Pakistan operations) employed at the time of filing of the application: [Geologists, Geophysicists and HSE professionals – minimum 5-year experience] [Petroleum Engineers / Petro-physicists – minimum 8-year experience].
- b. Proven oil and gas reserves (Onshore and Offshore) booked as per standards set under good international oilfield practices as of the end of the last accounting year: [Oil (million barrels), Gas (billion cubic feet) and Total: (million barrels of oil equivalent) (MMBOE)].
- c. Production of oil and gas (separately for Onshore and Offshore) for the last five years (Year-wise) ending at the last accounting year: [Oil (barrels per day), Gas (million cubic feet per day) and Total: (barrels of oil equivalent per day) (BOE/day)].
- d. Refining and sale of oil and gas worldwide as of the end of the last accounting year: [Oil (barrels per day), Gas (million cubic feet per day) and Total: (barrels of oil equivalent per day) (BOE/day)].

- e. Wells drilled (Year-wise) for the last five years ending at the last accounting year (separately for Onshore and Offshore as an Operator or/and Non-Operator): [Exploration, Appraisal and Development Wells].
- f. Number of geologist to be deployed for operations in Pakistan.

8. Operational experience of the applicant:

- a. Name of the countries in which holding operatorship at present (details separately for Onshore and Offshore).
- b. Years since acting as the operator (separately for Onshore and Offshore).
- c. Same details as required under (a) and (b) above for worldwide Non-Operated interests.

9. State amount of capital available for investment in Pakistan:

- a. At present available.
- b. Which applicant can make available when petroleum right is awarded
- c. Indicate the source of funding in respect of clause (a) and (b).
- d. The applicant must provide documentary evidence along with application to substantiate the above information to the satisfaction of DGPC.

10. We hereby swear that we are not incapable of contracting with the Federal Government, Government Holdings (Private) Limited (GHPL) and/or [name of Provincial Holding Company, if any].

11. We hereby declare that:

- a. There is no pending litigation, legal process or other circumstances that might cause us to breach our obligations.
- b. All particulars contained herein are correct.

12. Furthermore, we hereby declare that we will abstain from all political activities whatsoever affecting the sovereignty or security of Pakistan or such as may be tantamount to interference in its internal affairs and that especially we will eschew all espionage.

Signature(s) of the authorized
Representative of the applicant

Title _____

Date _____

ATTACHMENT A: PARTICULARS TO BE FURNISHED BY APPLICANT FOR AN EXPLORATION LICENSE (ONSHORE)

I. Information concerning the areas (blocks).

- a. Details of areas (blocks) applied for.
- b. If the applicant applies for more than one area (block) the priority assigned to the different areas (blocks) must be given.
- c. The applicant must state the percentage working interest applied for in the different areas (blocks).
- d. The applicant must state if he applies for operatorship on any or all of the areas (blocks) applied for.
- e. Information given in clauses (a) to (d) and paragraph 2 shall be summarized in a separate form.
- f. The application must comprise information about the geological and geo-physical material and parameters upon which the application is based, accompanied by structural maps.
- g. The application shall, in a separate enclosure, comprise a geological study of the area in a regional geological context. Further, the said enclosure shall contain an evaluation of the prospectivity of the different geological provinces in the area and how knowledge about prospectivity in one geological province may depend upon information from another geological province.
- h. Information about the techniques used for the evaluation of the prospects from a geological and geo-physical point of view must be included.

2. Proposed work program, economic terms, etc.

The applicant shall indicate his proposed terms regarding,

1. The work program, expressed where applicable in Work Units, for each of the area (blocks) applied for, including the size of seismic grid, number of exploration wells (wildcats) with indications of depths and geological horizons to be penetrated in each exploration well, and the minimum expenditure amount to be allocated to and spent on exploration activities.
2. Information as to the applicant's intentions and plans regarding transfer of technology and training, development and integration of the Government officials and Pakistani nationals in general.

TEMPLATE: APPLICATION FORM FOR EXPLORATION LICENSE (OFFSHORE)

1. Name(s) of applicant(s) in full

2. (A) (*) Particulars of the company (ies)

a. Principal place of business

b. If Principal place of business is outside Pakistan, name and address of duly authorized agent in Pakistan

c. Nature of Business

d. Authorized, Subscribed and paid up capital of the company. Authorized Capital: _____
Subscribed & Paid-up Capital: _____

e. Name of Directors and Nationality

Name	Title	Nationality
_____	_____	_____
_____	_____	_____
_____	_____	_____

f. Name of Principal Shareholder: _____

Amount of shareholding: _____

(B) Provide a copy of Articles and Memorandum of Association along with certificate of incorporation and annual audited reports of last three years of all of the applicants.

3. State whether an Exploration License or Development & Production Lease is required.

4. Period for which the Petroleum right is required.

5. Situation and approximate size of the area or areas for which application is made.

6. Brief particulars of previous experience in Petroleum exploration, field development, and production work in Pakistan and abroad.

7. Names and qualification of technical experts or advisors:

Name	Qualification	Experience
_____	_____	_____
_____	_____	_____
_____	_____	_____

8. State amount of capital available for operations under the petroleum right applied for.

- a. At present available
- b. Which applicant can make available and the source
- c. The applicant must provide documentary evidence along with application to substantiate the above information to the satisfaction of the Government.

Annual Reports for past three years attached

9. The applicant for an exploration license shall submit in addition the data referred in Exhibit I to this Schedule

We hereby declare that all the foregoing particulars are correct. Furthermore, we hereby declare that we shall abstain from all political activity whatsoever affecting the sovereignty or security of Pakistan or such as may tantamount to interference in its internal affairs and that especially we will eschew all espionage.

Dated:-----

Signature of Applicant -----

Name: _____

Title: _____

ATTACHMENT A: PARTICULARS TO BE FURNISHED BY APPLICANT FOR ENTERING INTO A PRODUCTION SHARING AGREEMENT (OFFSHORE)

I **Information about the applicant**

Economic Data-Worldwide for the applicant, his ultimate parent company and the group of companies controlled by his ultimate parent company:

1. Total investment in petroleum activities split on the following items:
 - (a) Exploration.
 - (b) Production.
 - (c) Transportation systems.
 - (d) Refining & processing.
 - (e) Marketing
2. The total turnover of the group as well as the turnover with regard to petroleum activities.
3. Net Income after taxes.
4. Total value of assets.
5. Profitability indicators, including the following:
 - (a) Earnings per share.
 - (b) Return on common equity.
 - (c) Return on total capital employed.

(Figures under sub-items 1-5 above shall relate to the three latest years for which these figures are available).

6. Operational data-worldwide for the applicant, his ultimate parent company and the group of companies controlled by his ultimate parent company:
 - (a) Production of oil and gas (1000 bbl/day) Last three years
Oil 1000 bbl/day
Gas (MMcfd)
 - (b) Refinery capacity (1000 bbl/day)

- (c) Sales of Petroleum products (1000 bbl/day)
- (d) Number of exploration wells (wildcats and Last three years appraisal wells).
Exploratory wells
Wells drilled
- (e) Number of employees in petroleum Last three years activities.
Total No. of Officers
Total No. of Staff

(Figures under sub-items a-e above shall relate to the three latest years for which these figures are available).

II. Information concerning the areas (blocks)

- a) Details of areas (blocks) applied for.
- b) If the applicant applies for more than one area (block) the priority assigned to the different areas (blocks) must be given.
- c) The applicant must state the percentage working interest applied for in the different areas (blocks).
- d) The applicant must state if he applies for operatorship on any or all of the areas (blocks) applied for.
- e) Information given in sub-items (a) to (d) and item 3 below shall be summarized in a separate form.
- f) The application must comprise information about the geological and geophysical material and parameters upon which the application is based, accompanied by structural maps. Attach a geological write up.
- g) The application shall in a separate enclosure comprise a geological study of the area in a regional geological context. Further, the said

enclosure shall contain an evaluation of the prospectivity of the different geological provinces in the area and how knowledge about prospectivity in one geological province may depend upon information from another geological province.

- h) Information about the techniques used for the evaluation of the prospects from a geological & geophysical point of view must be included.

III. Proposed work program, Economic Terms, etc.:

The applicant should indicate his proposed terms regarding.

- (a) The work program for each of the area (blocks) applied for including the size of seismic grid, number of exploration wells (wildcats) with indication of depths and/or geological horizons to be penetrated in each exploration well, and the minimum expenditure amount to be allocated to and spent on exploration activities.
- (b) Any additional royalty or other economic compensation offered.
- (c) The applicant should include information as to his intentions and plans regarding transfer of technology and training, development and integration of the Government officials & Pakistani nationals in general.

