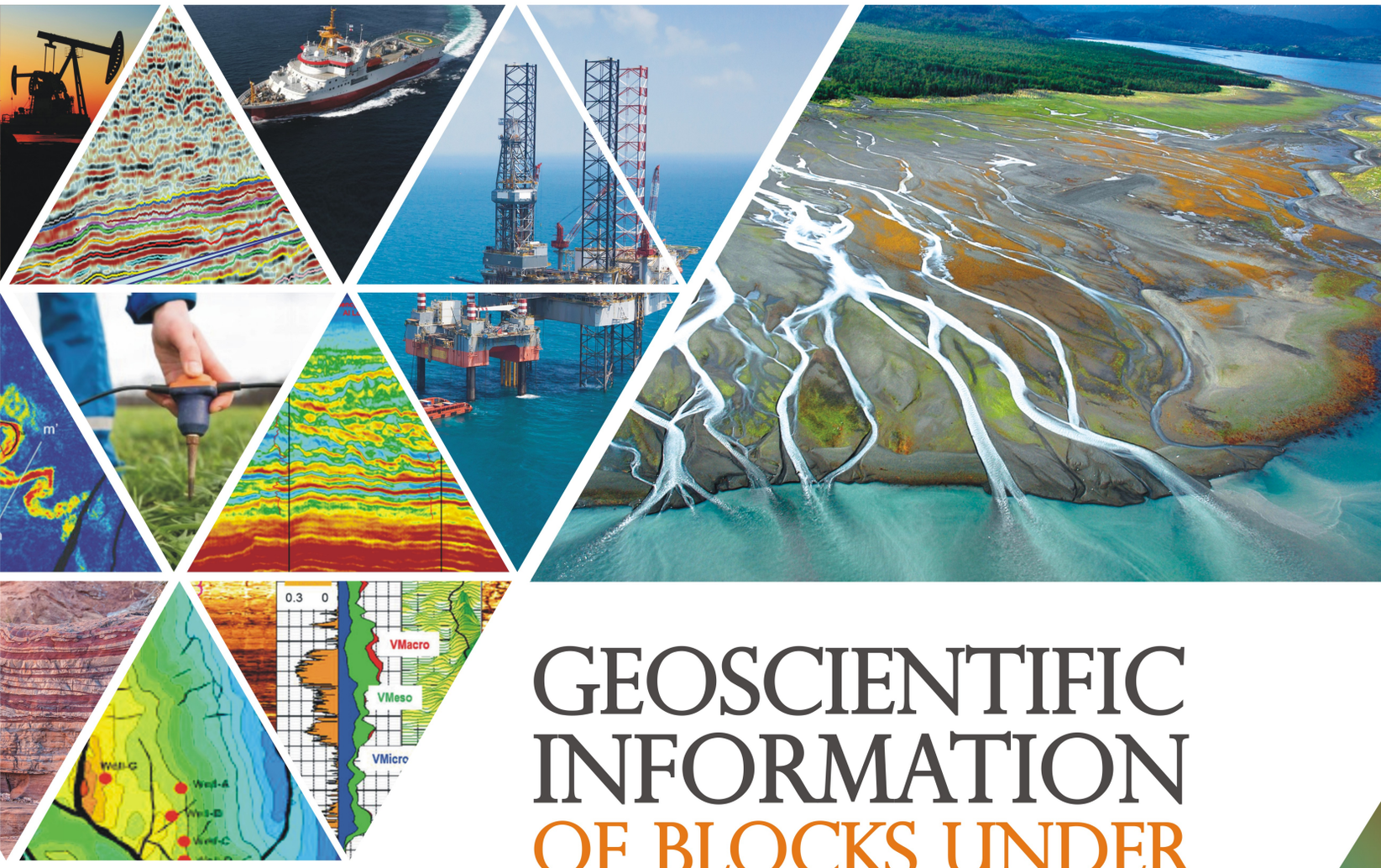
सत्यमेव जयते

Ministry of Petroleum & Natural Gas
Government of India

HYDROCARBON EXPLORATION
AND LICENSING POLICY



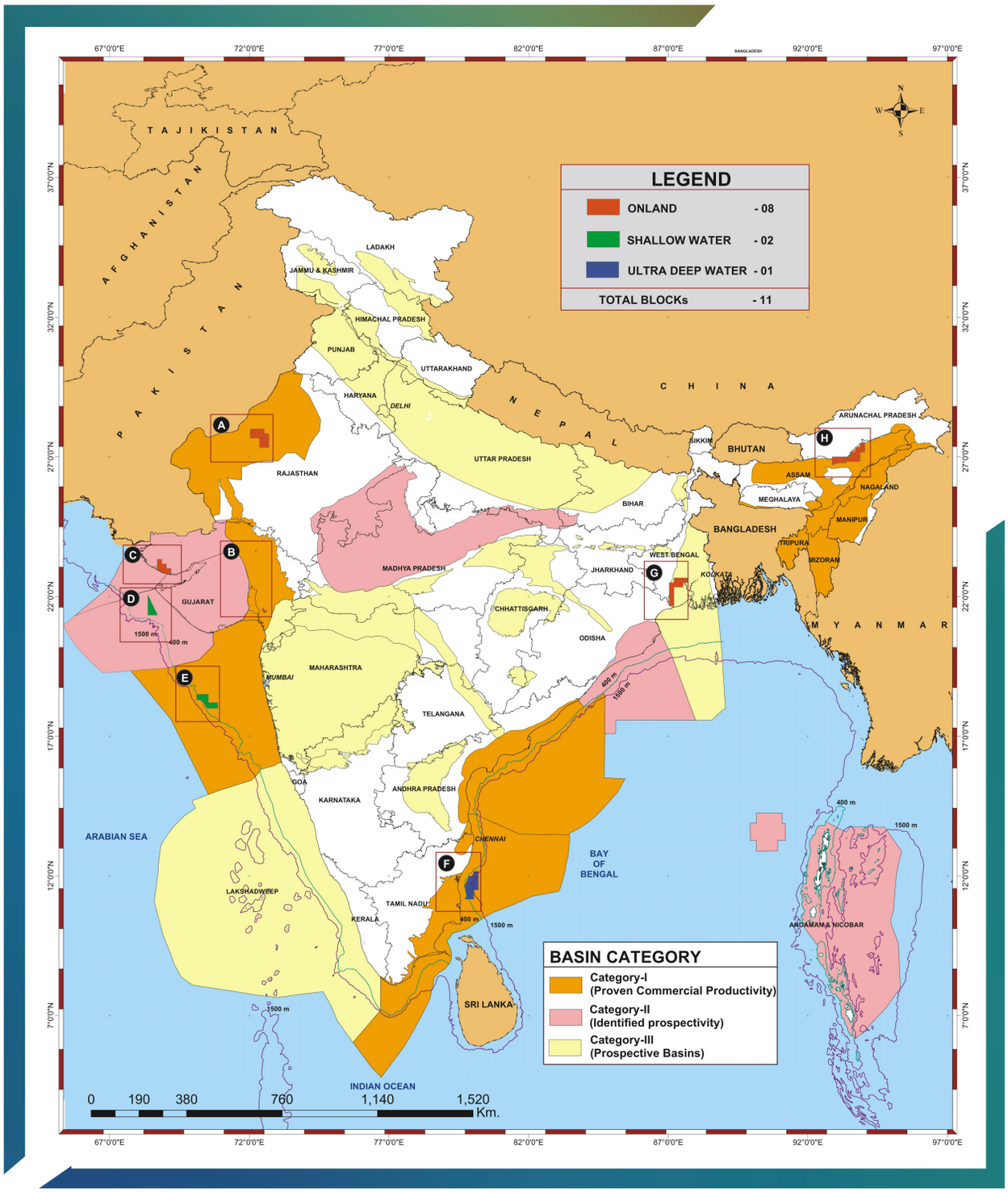
GEOSCIENTIFIC INFORMATION OF BLOCKS UNDER OALP BID ROUND-V

2020

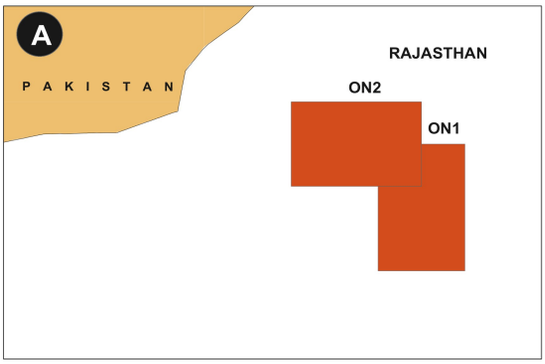
DGH
Directorate General of Hydrocarbons
(Under Ministry of Petroleum & Natural Gas)

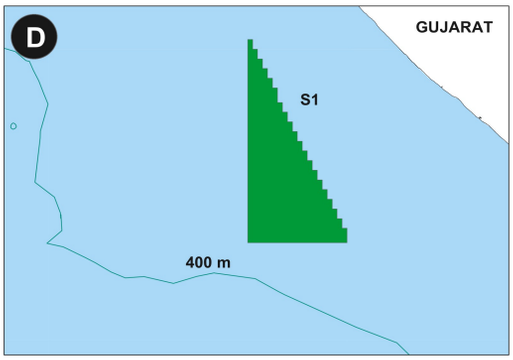
GEOSCIENTIFIC INFORMATION OF BLOCKS
UNDER OALP BID ROUND-V

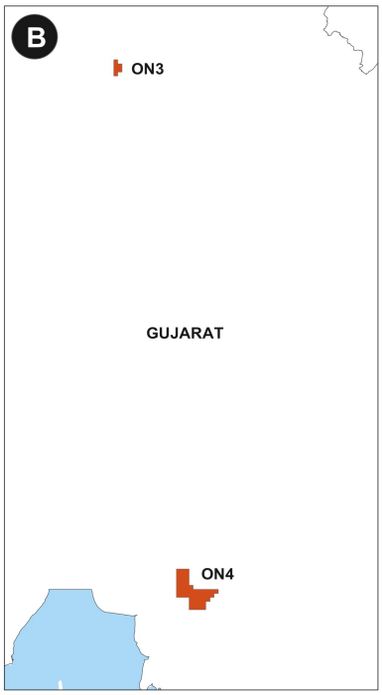
BLOCKS ON OFFER UNDER HELP, OPEN ACREAGE LICENSING PROGRAMME BID ROUND-V

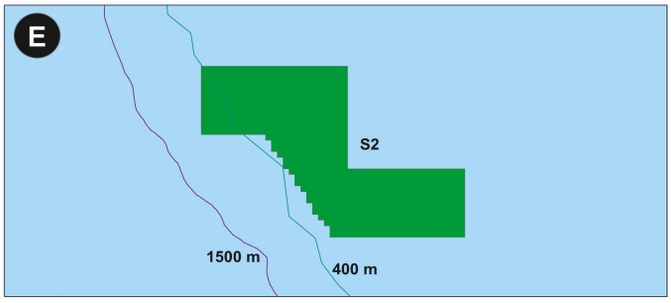


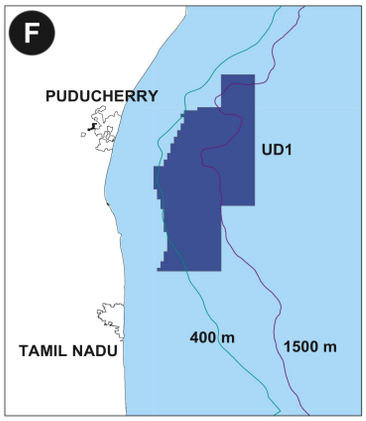
INDEX MAP OF BLOCKS ON OFFER

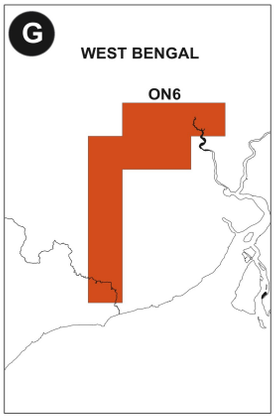


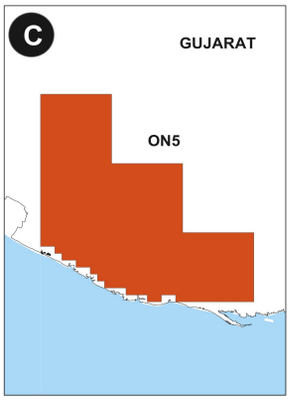


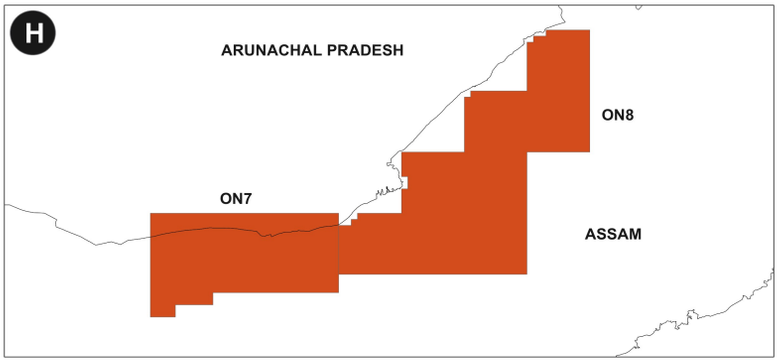








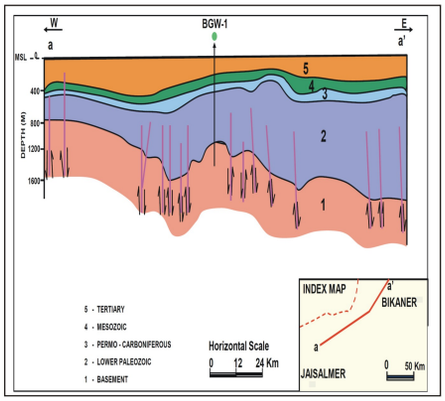




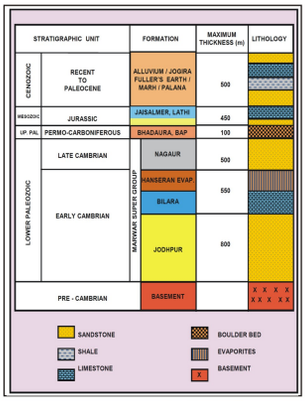
GEOSCIENTIFIC INFORMATION OF BLOCKS UNDER OALP BID ROUND-V

RAJASTHAN BASIN

Basin Area (sq. km.)	Basin Sub types	Blocks on offer	Resource potential (In-place MMTOE)	
			Discovered	**Undiscovered**
1,26,000	Barmer **Bikaner-Nagaur** Jaisalmer	RJ-ONHP-2019/2 RJ-ONHP-2019/3	938	3,188

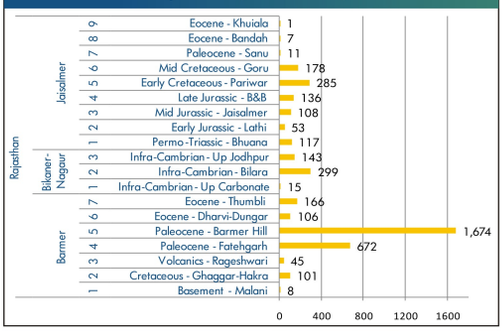


Geological Section across Bikaner-Nagaur Basin



Litho-stratigraphy across Bikaner-Nagaur Basin

Play-wise Conventional Hydrocarbon Inplace (MMTOE)



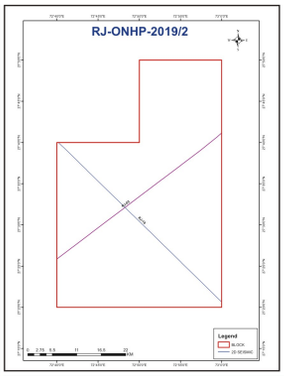
Play-wise Conventional Hydrocarbon In-place (MMTOE)

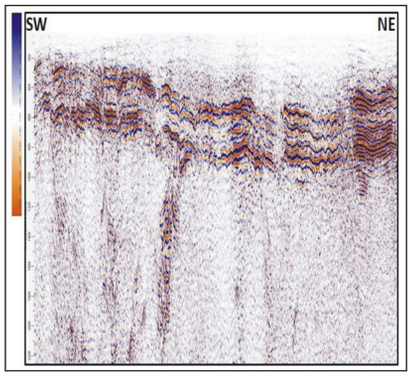
BLOCKS ON OFFER

RJ-ONHP-2019/2	
Area(sq.km)	1520.08
2D (LKM)	91.79
3D (sq.km)	Nil
No.of Wells	Nil
Reports	Nil

Block Information

Location Map of Block



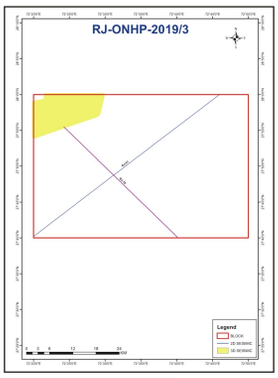


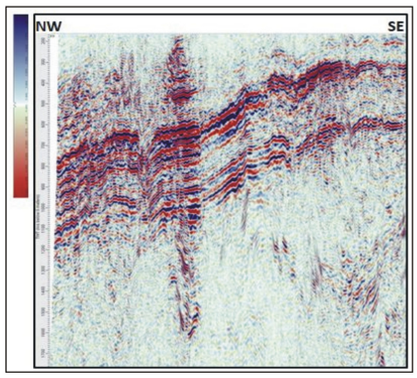
Representative Seismic Line/Section from Offered Block

RJ-ONHP-2019/3	
Area(sq.km)	1819.48
2D (LKM)	94.94
3D (sq.km)	121.15
No.of Wells	Nil
Reports	Nil

Block Information

Location Map of Block



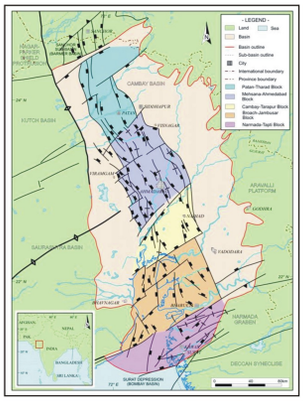


Representative Seismic Line/Section from Offered Block

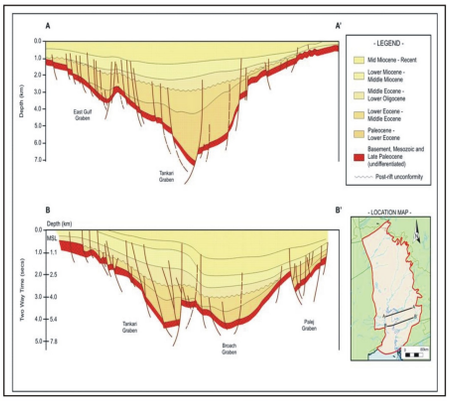
GEOSCIENTIFIC INFORMATION OF BLOCKS
UNDER OALP BID ROUND-V

CAMBAY BASIN

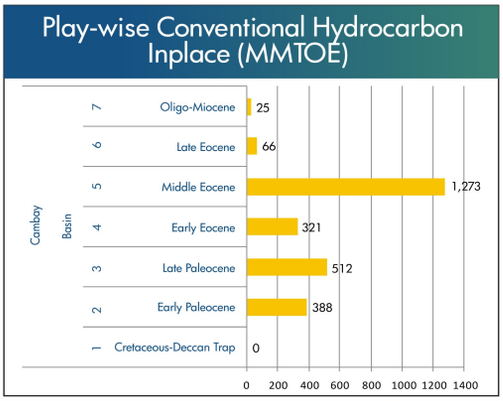
Basin Area (sq. km.)	Blocks on offer	Resource potential (In-place MMTOE)	
		Discovered	Undiscovered
53,500	CB-ONHP-2019/1, CB-ONHP-2019/2	1,800	786



Tectonic Map of Cambay Basin



E-W Regional Geological Cross-Sections across Broach Block



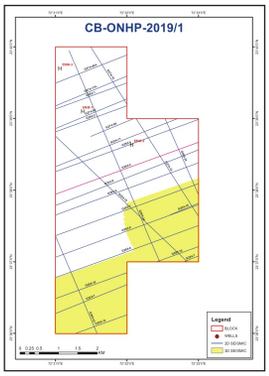
Play-wise Conventional Hydrocarbon In-place (MMTOE)

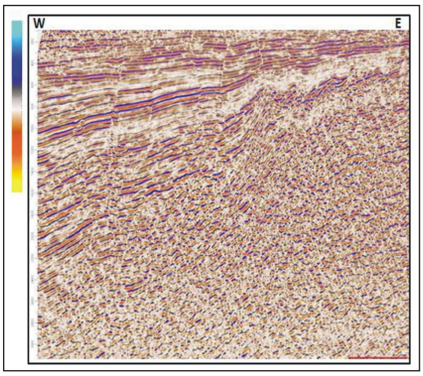
BLOCKS ON OFFER

CB-ONHP-2019/1	
Area(sq.km)	18.84
2D (LKM)	66.15
3D (sq.km)	9.29
No.of Wells	3
Reports	3

Block Information

Location Map of Block



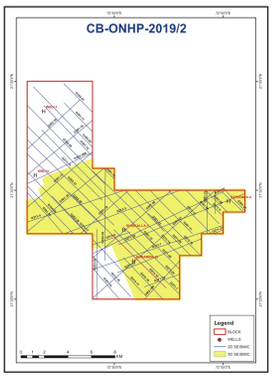


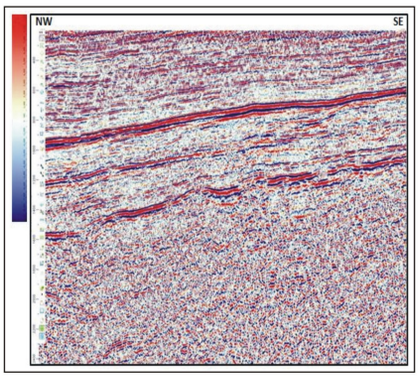
Representative Seismic Line/Section from Offered Block

CB-ONHP-2019/2	
Area(sq.km)	152.98
2D (LKM)	342.88
3D (sq.km)	98.87
No.of Wells	5
Reports	5

Block Information

Location Map of Block



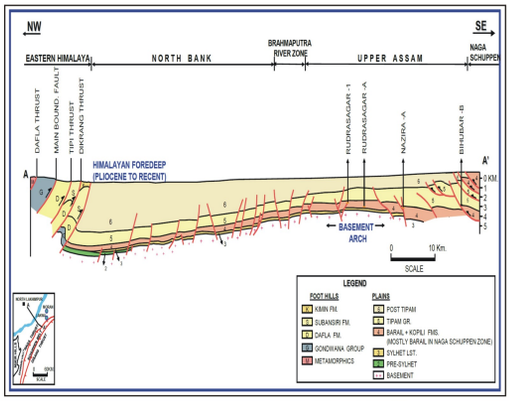


Representative Seismic Line/Section from Offered Block

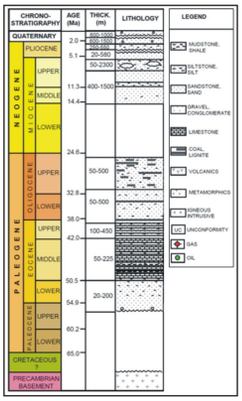
GEOSCIENTIFIC INFORMATION OF BLOCKS UNDER OALP BID ROUND-V

ASSAM SHELF BASIN

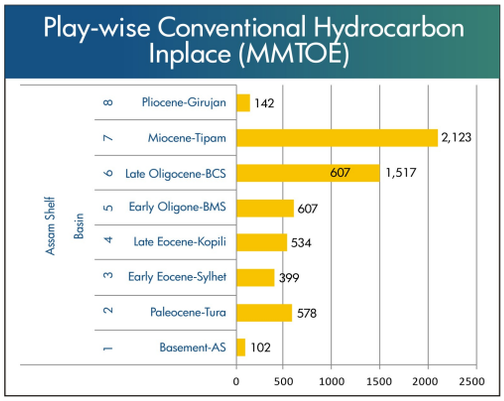
Basin Area (sq. km.)		Blocks on offer	Resource potential (In-place MMTOE)	
			Discovered	Undiscovered
Assam Shelf	56,000	AA-ONHP-2019/1, AA-ONHP-2019/2	1,868	4,133



Geologic Section across Assam Shelf Basin



Litho-stratigraphy of Upper Assam Basin



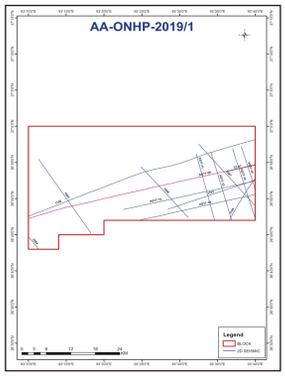
Play-wise Conventional Hydrocarbon In-place (MMTOE)

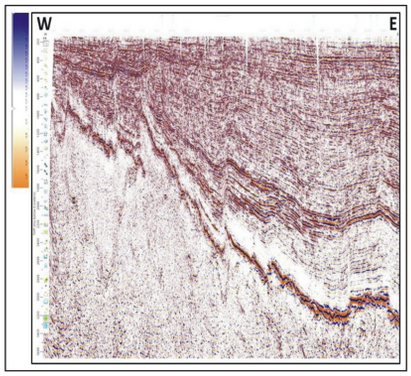
BLOCKS ON OFFER

AA-ONHP-2019/1	
Area(sq.km)	1278.27
2D (LKM)	329.06
3D (sq.km)	NIL
No.of Wells	NIL
Reports	NIL

Block Information

Location Map of Block



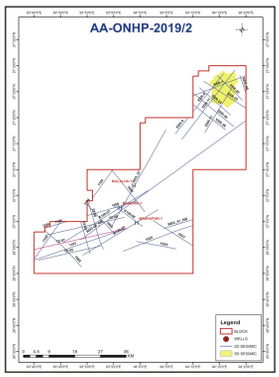


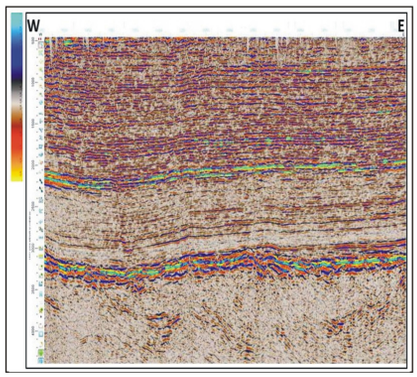
Representative Seismic Line/Section from Offered Block

AA-ONHP-2019/2	
Area(sq.km)	2405.12
2D (LKM)	645.94
3D (sq.km)	249.18
No.of Wells	3
Reports	3

Block Information

Location Map of Block



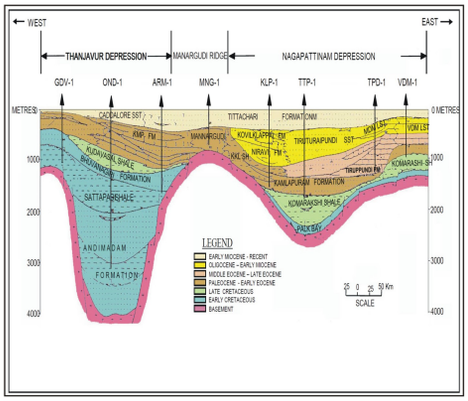


Representative Seismic Line/Section from Offered Block

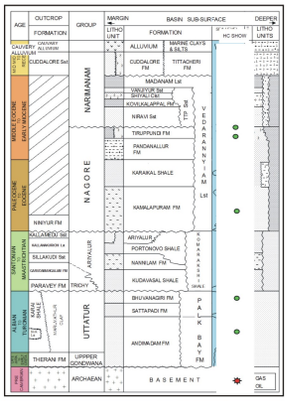
GEOSCIENTIFIC INFORMATION OF BLOCKS
UNDER OALP BID ROUND-V

CAUVERY BASIN

Basin Area (sq. km.)	Block on offer	Resource potential (In-place MMTOE)	
		Discovered	**Undiscovered**
2,40,000	CY-UDWHP-2019/1	292	1,672

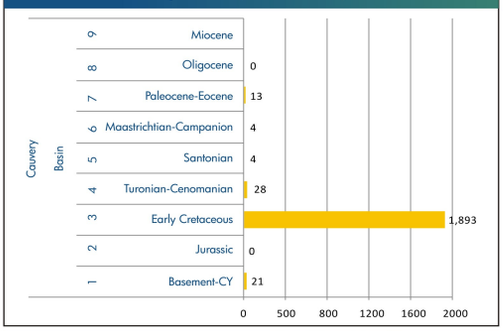


Geological Section of Cauvery Basin



Litho-stratigraphy of Cauvery Basin

Play-wise Conventional Hydrocarbon Inplace (MMTOE)

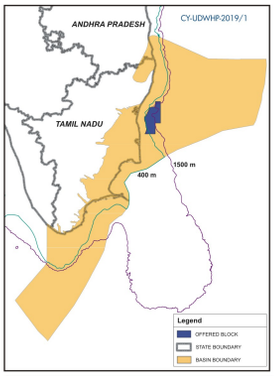


Play-wise Conventional Hydrocarbon In-place (MMTOE)

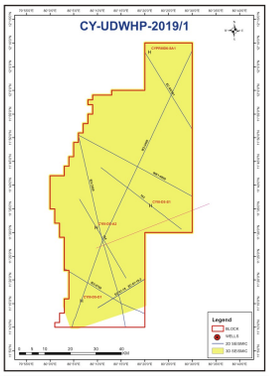
BLOCK ON OFFER

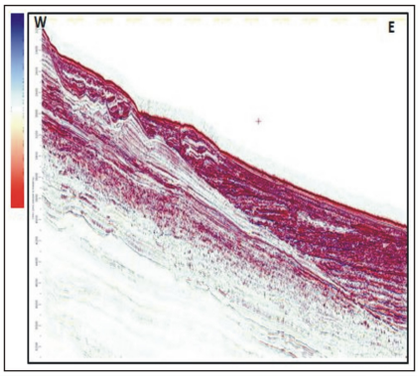
CY-UDWHP-2019/1	
Area(sq.km)	4064.22
2D (LKM)	432.47
3D (sq.km)	3898.61
No.of Wells	4
Reports	4

Block Information



Location Map of Block



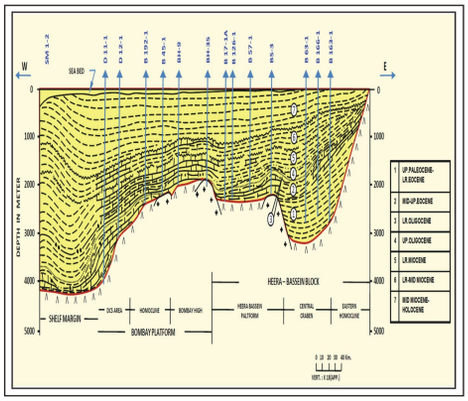


Representative Seismic Line/Section from Offered Block

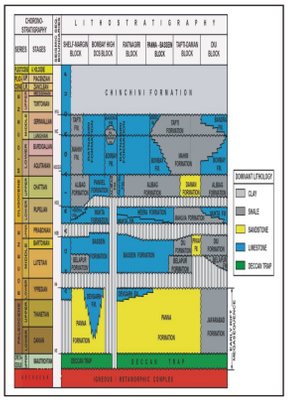
GEOSCIENTIFIC INFORMATION OF BLOCKS UNDER OALP BID ROUND-V

MUMBAI OFFSHORE BASIN

Basin Area (sq. km.)	Block on offer	Resource potential (In-place MMTOE)	
		Discovered	Undiscovered
2,12,000	MB-OSHP-2019/1	4,794	4,852

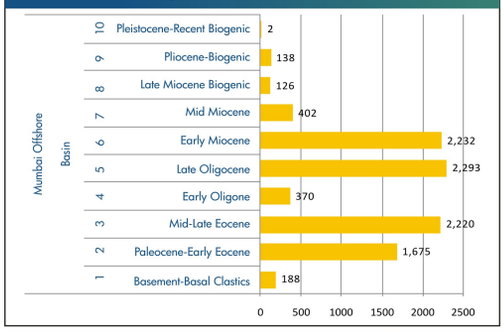


Geological Section (E-W) from Mahim Coast to Shelf Margin



Litho Stratigraphy of Mumbai Offshore Basin

Play-wise Conventional Hydrocarbon Inplace (MMTOE)

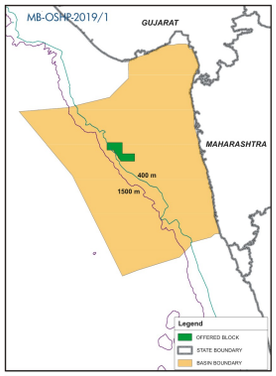


Play-wise Conventional Hydrocarbon In-place (MMTOE)

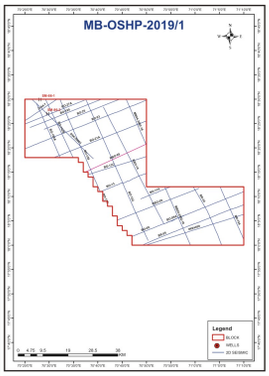
BLOCK ON OFFER

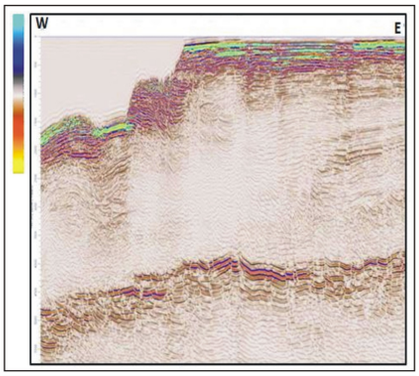
MB-OSHP-2019/1	
Area(sq.km)	2246.77
2D (LKM)	735.98
3D (sq.km)	124.06
No.of Wells	2
Reports	2

Block Information



Location Map of Block





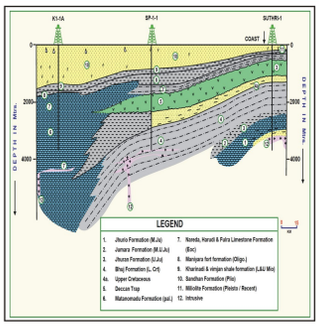
Representative Seismic Line/Section from Offered Block

GEOSCIENTIFIC INFORMATION OF BLOCKS UNDER OALP BID ROUND-V

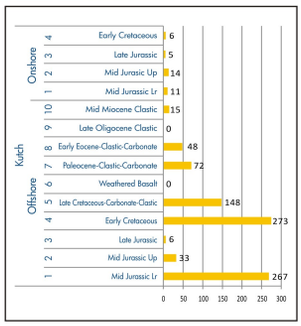
KUTCH BASIN & SAURASHTRA BASIN

Basin Area (sq. km.)		Blocks on offer	Resource potential (In-place MMTOE)	
			Discovered	Undiscovered
Kutch Basin	58,554	GK-ONHP-2019/1	71	827
Saurashtra Basin	1,94,114	GS-OSHP-2019/1	79	1,246

Kutch Basin

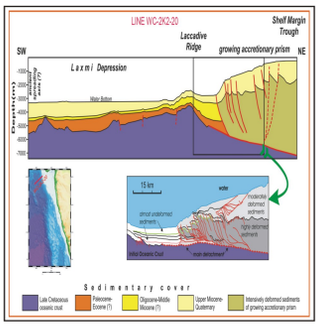


Geological cross section across wells KI-1A, SP-1-1 and Suthri-1

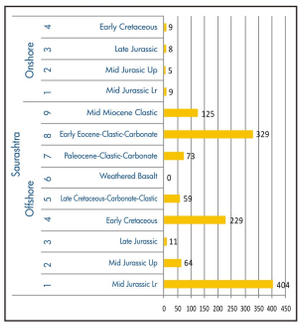


Play-wise Conventional Hydrocarbon In-place (MMTOE)

Saurashtra Basin



Geological cross section across Saurashtra Basin

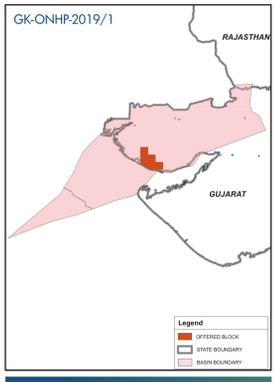


Play-wise Conventional Hydrocarbon In-place (MMTOE)

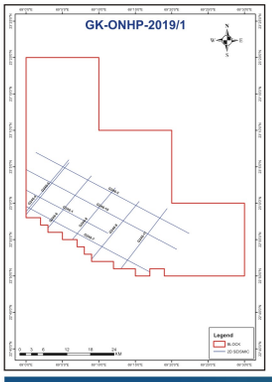
BLOCK ON OFFER (KUTCH BASIN)

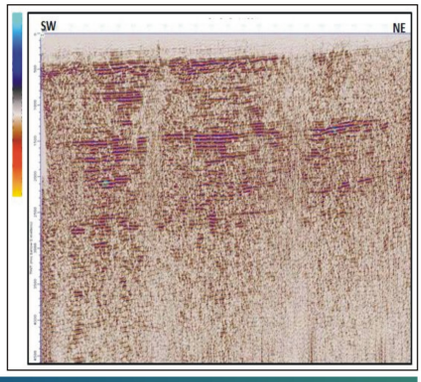
GK-ONHP-2019/1	
Area(sq.km)	1693.04
2D (LKM)	241.94
3D (sq.km)	NIL
No.of Wells	NIL
Reports	NIL

Block Information



Location Map of Block



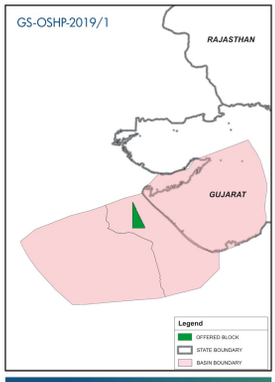


Representative Seismic Line/Section from Offered Block

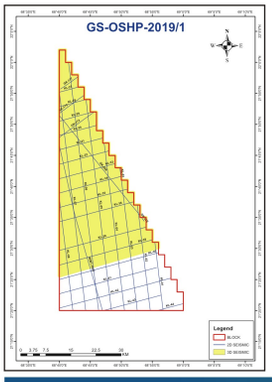
BLOCK ON OFFER (SAURASHTRA BASIN)

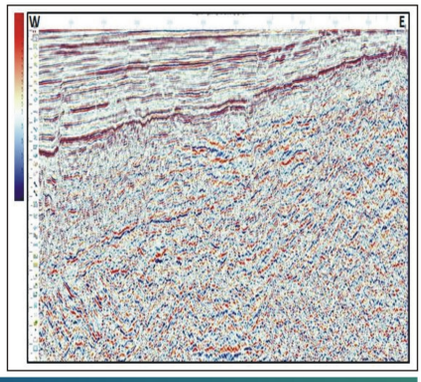
GS-OSHP-2019/1	
Area(sq.km)	1420.71
2D (LKM)	798.66
3D (sq.km)	937.04
No.of Wells	NIL
Reports	NIL

Block Information



Location Map of Block



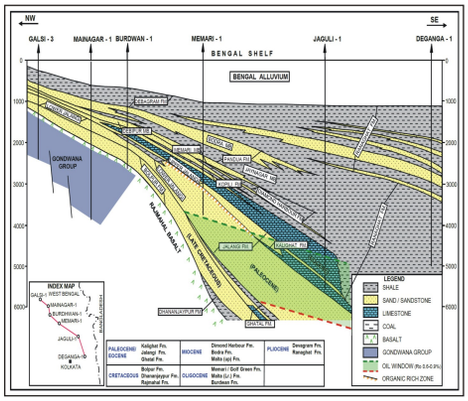


Representative Seismic Line/Section from Offered Block

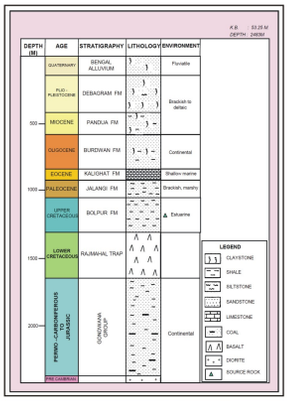
GEOSCIENTIFIC INFORMATION OF BLOCKS UNDER OALP BID ROUND-V

BENGAL-PURNEA BASIN

Basin Area (sq. km.)	Block on offer	Resource potential (In-place MMTOE)	
		Discovered	Undiscovered
1,21,914	BP-ONHP-2019/2	0	828

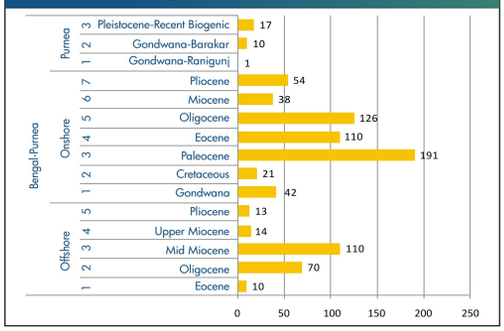


Geological Section across Bengal Shelf



Stratigraphic column of Galsi-3 Well

Play-wise Conventional Hydrocarbon Inplace (MMTOE)

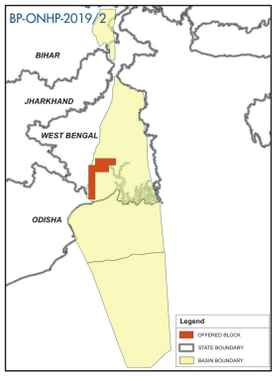


Play-wise Conventional Hydrocarbon In-place (MMTOE)

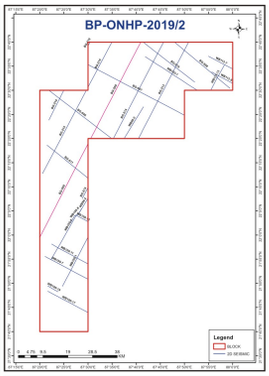
BLOCK ON OFFER

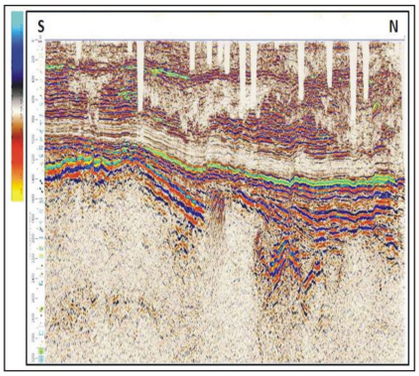
BP-ONHP-2019/2	
Area(sq.km)	3169.53
2D (LKM)	553.84
3D (sq.km)	NIL
No.of Wells	NIL
Reports	NIL

Block Information



Location Map of Block





Representative Seismic Line/Section from Offered Block

PRICE LIST OF MANDATORY DATA PACKAGES & DATA VIEWING FACILITY

Price list of Mandatory Data Packages: OALP Bid Round-V

- Bidders will have to submit a non-refundable tender fee of 75,000 INR to be paid online to the DGH at the bidding stage.
- Mandatory data package purchase required for each block as tabulated below.

Mandatory Data Package Price List

S.No	BASIN NAME	BLOCK NAME	COST OF BASIC DATA (USD)
1	RAJASTHAN BASIN	RJ-ONHP-2019/2	100
2	RAJASTHAN BASIN	RJ-ONHP-2019/3	100
3	CAMBAY BASIN	CB-ONHP-2019/1	500
4	CAMBAY BASIN	CB-ONHP-2019/2	1000
5	ASSAM SHELF BASIN	AA-ONHP-2019/1	300
6	ASSAM SHELF BASIN	AA-ONHP-2019/2	1000
7	MUMBAI OFFSHORE	MB-OSHP-2019/1	1000
8	CAUVERY	CY-UDWHP-2019/1	1000
9	KUTCH	GK-ONHP-2019/1	200
10	SAURASHTRA	GS-OSHP-2019/1	800
11	BENGAL PURNEA	BP-ONHP-2019/2	600

Mandatory Data package consists of selected 2D Lines, well data and well reports (WCR/FER) from the available data in the block.

Bidders can purchase additional data over and above the mandatory data from NDR as per NDR purchase list. Reports of Hydrocarbon Resource Assessment can be purchased from NDR Web Portal. Originator of the Block need not to purchase Mandatory Data Package.

Data ordered and purchased between start date of respective EoI window and bid closing date with respect to the block on offer under respective OALP Bid Round for the value equal to or more than the specified value published as above will be considered against the mandatory purchase of Data Package.

Data Viewing Facility

Physical data rooms with interpretation facility

Physical data rooms with interpretation facility for Blocks on offer (Under OALP Bid Round-V) will be available at NOIDA, Uttar Pradesh(India). The charges for data rooms per day per workstation will be as per NDR Data Viewing Policy and fee would be payable through NDR portal (https://www.ndrdgh.gov.in/NDR/)

The data viewing would be as per the following conditions

- A maximum of up to only 4 technical persons are permitted in Data Viewing Room at one time.
- Copying, photocopying or downloading is not allowed. Only notes can be taken.
- Bags, Briefcase etc. are not permitted in Data Viewing Room. Only pens/pencils and paper note books are permitted.
- Resource reassessment reports and data packages will be put up for viewing in the data rooms.
- Only authorized representatives of a Company/Consortium can view the data. Independent consultants are not permitted.
- Data viewing will be with prior appointment on first come first served basis.
- Company/Consortium can view selected data on online on web only on authorization by DGH, for further details, visit the DGH website:www.dghindia.gov.in

OALP Bid Round-I

- Sedimentary Basins: 10
- Blocks Awarded: 55
- Total Block Area : 59282 sq.km

OALP Bid Round-II

- Sedimentary Basins: 7
- Blocks Awarded: 14
- Total Block Area : 29232.52 sq.km

OALP Bid Round-III

- Sedimentary Basins: 10
- Blocks Awarded: 18
- Total Block Area : 29765 sq.km

OALP Bid Round-IV

- Sedimentary Basins:3
- Blocks Awarded: 7
- Total Block Area : 18509.69 sq.km

OALP Bid Round-V

- Sedimentary Basins : 8
- Blocks on Offer : 11
- Total Block Area : 19789.04 sq.km

DGH

Directorate General of Hydrocarbons

(Under Ministry of Petroleum & Natural Gas)

OIDB Bhawan, Tower-A, Sector-73

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