



Ministry of Petroleum & Natural Gas  
Government of India

## INFORMATION BOOKLET DISCOVERED SMALL FIELDS



**SPECIAL DISCOVERED SMALL FIELD  
BID ROUND-2024**



Directorate General of Hydrocarbons

# Contents

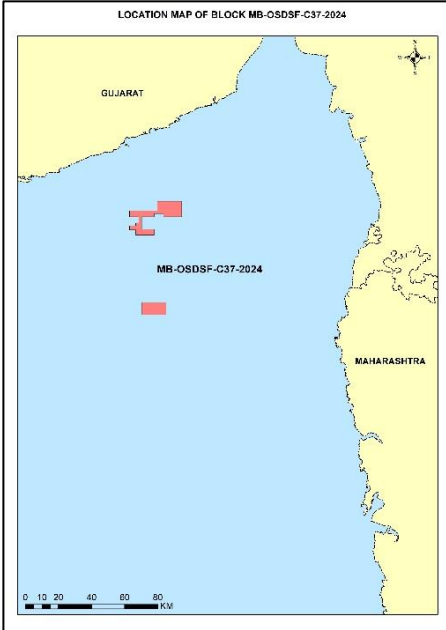
S. No.	Location	Contract Area Name	Page No.
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2		MB/OSDSF/B15/2024	2
3	West Bengal	SR-ONCBM(Raniganj)-2024	4

## **Disclaimer**

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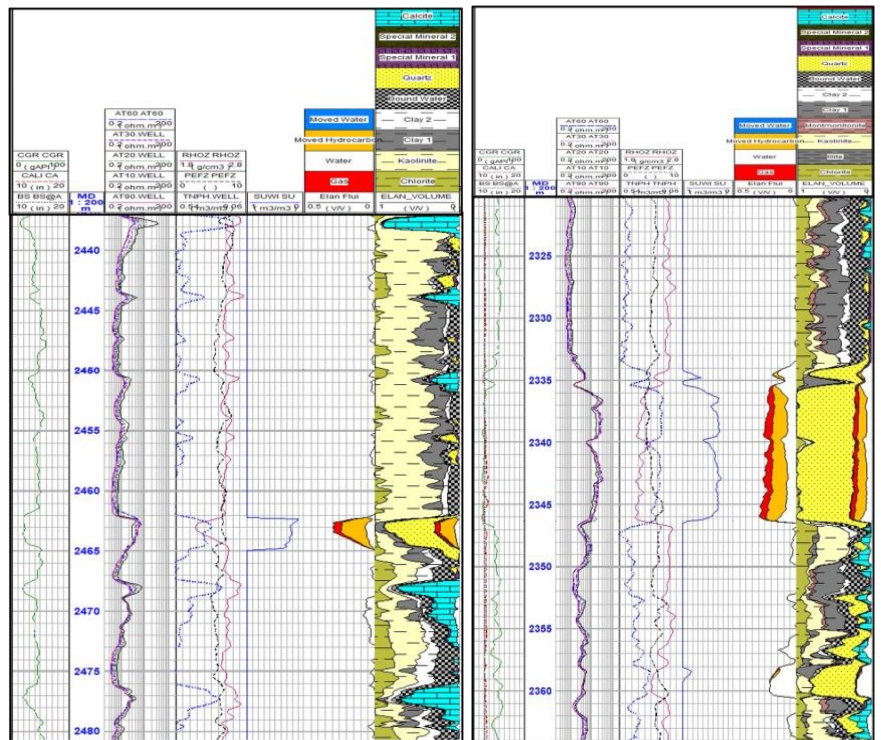
# MB/OSDSF/C37/2024

## Location Map

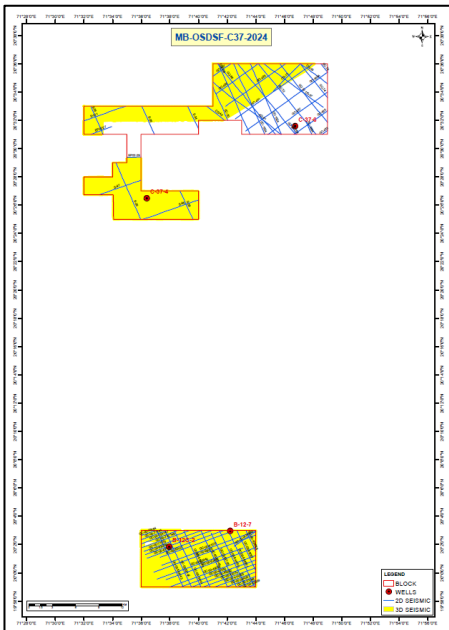


Field(s)	B-12C-2
Location	Mumbai Offshore
Area, Sq. km.	344.9
Year of discovery	2016-17
Main Payzone & Age	Daman Sand
Inplace, MMTOE	1.6
3D Seismic, SKM	247.2
2D Seismic, LKM	451.0
Wells drilled	4
Nearest City	Mumbai

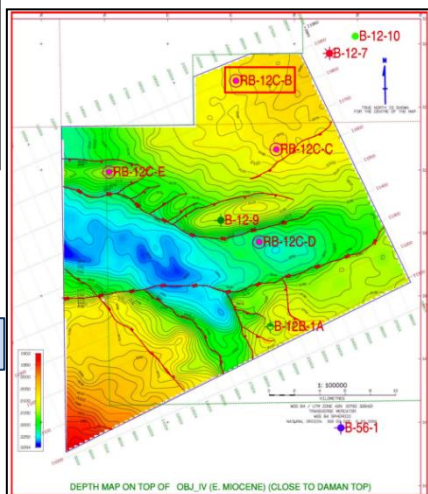
## LOG MOTIF OF WELL B-12-C2



## Seismic Coverage map



## Structure Map of Early Miocene



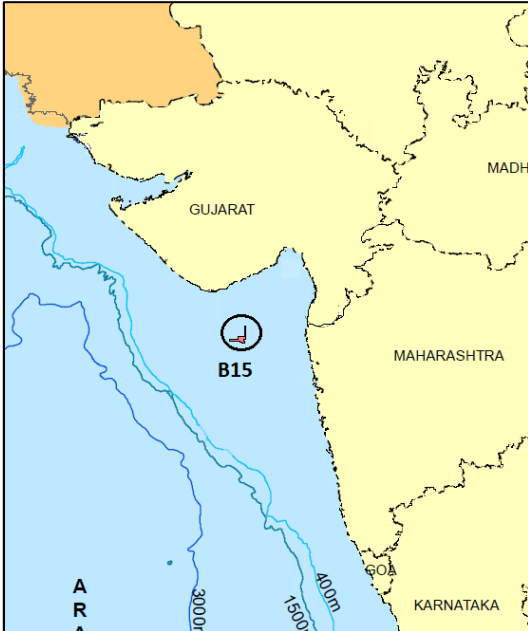
## Initial testing details:

2197-2520m: Gas@ 3,39,874m<sup>3</sup>/day, Condensate @ 560BPD (52.2° API) through 24/64" choke at FTHP 4500psi

2197-2520m: Gas@2,90,756m<sup>3</sup>/day, Condensate @430BPD (61.7°C API) through 32/64" choke at FTHP 2350psi

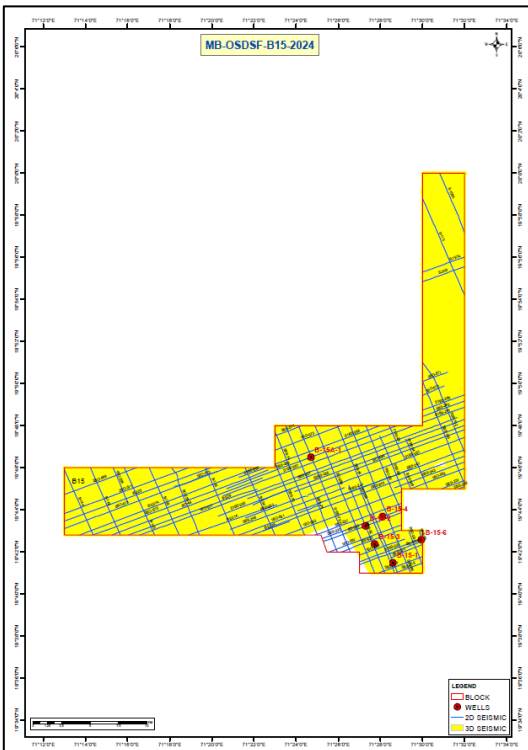
# MB/OSDSF/B15/2024

## Location Map

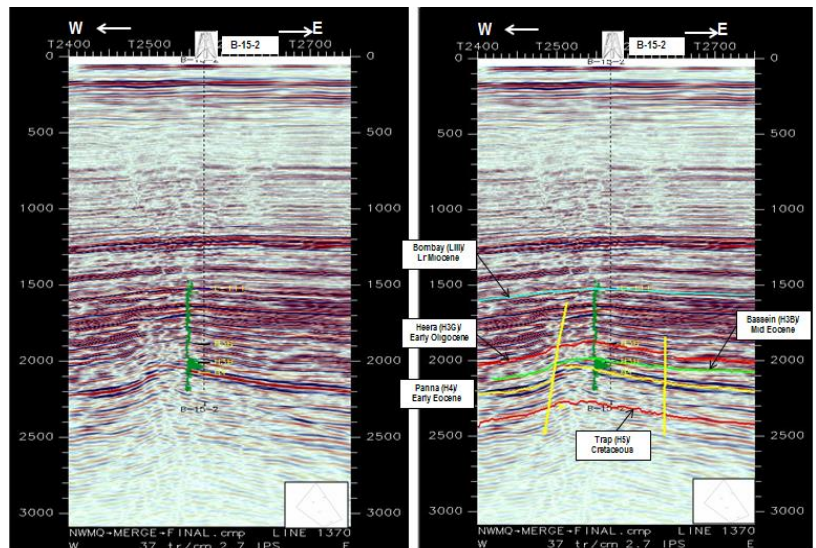


Field(s)	B-15A	B-15
Location	Mumbai Offshore	
Area, Sq. km.	332.4	
Year of discovery	1995-96	1994-95
Main Payzone & Age	Panna, Paleocene to Lower Eocene	
Inplace, MMTOE	0.53	
3D Seismic, SKM	331.75	
2D Seismic, LKM	644.24	
Wells drilled	6	
Wells dry	4	
Nearest City	Mumbai ~165 km	

## Seismic Coverage map



## INLINE 1370 PASSING THROUGH WELL B-15-2



### Initial testing details:

Well B-15A, Gas-47189m<sup>3</sup>/d, Oil-1833 bpd in Panna Formation  
 Reservoir Depth: ~2792m,  
 Reservoir Pressure: ~4567 psi

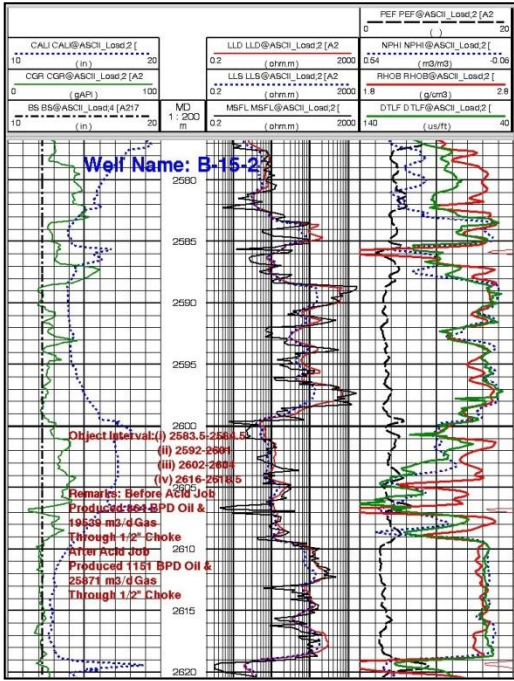
Well B-15-2, Oil-1151 bpd, Gas-25,871 m<sup>3</sup>/d in Panna Formation

Reservoir Depth: ~2584m, Reservoir Pressure: ~4289 psi

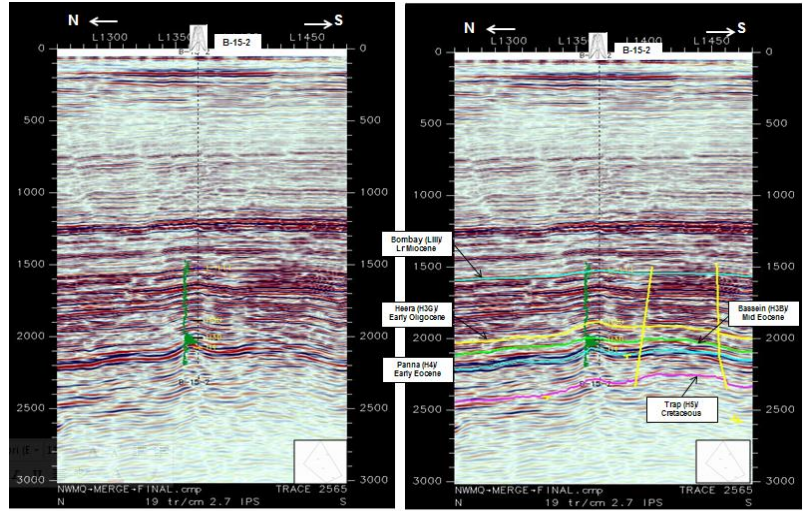


# MB/OSDSF/B15/2024

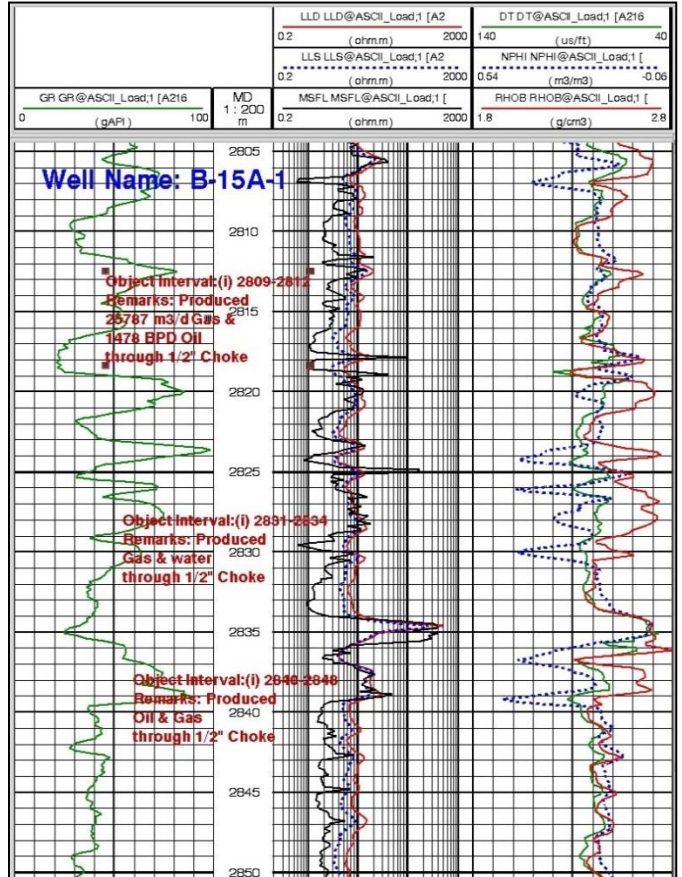
## ELECTROLOG OF WELL B-15-2



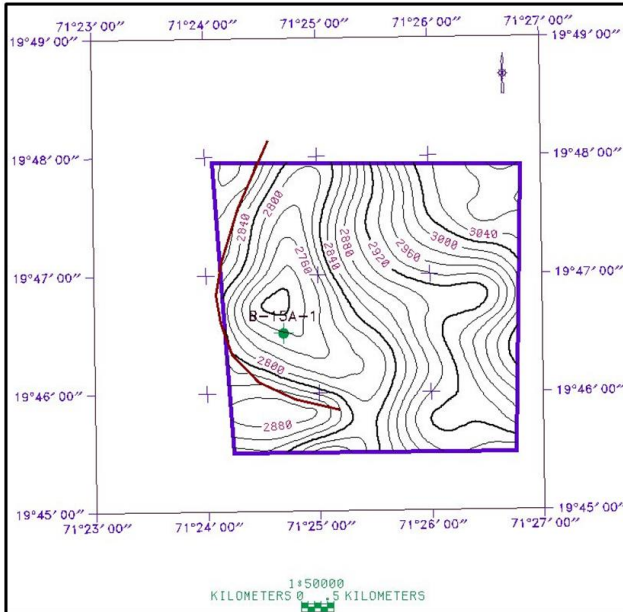
## TRACE 2565 PASSING THROUGH WELL B-15-2



## ELECTROLOG OF WELL B-15A-1 (PANNA PAY)

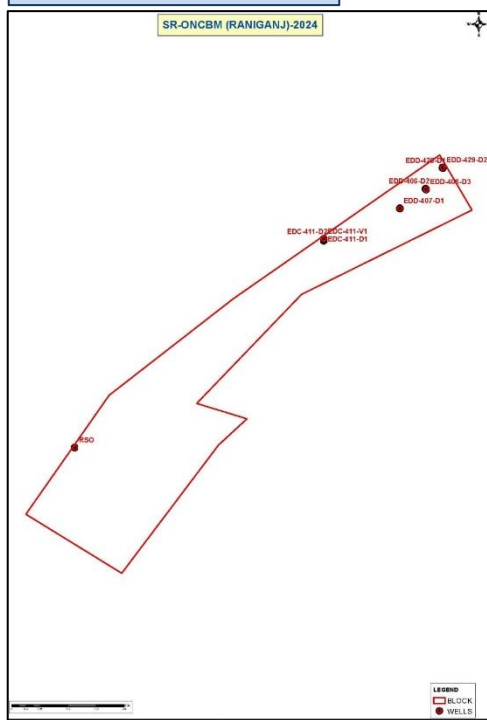


## STRUCTURE CONTOUR MAP CLOSE TO TOP OF PANNA FORMATION



# SR-ONCBM(Raniganj)-2024

## WELL LOCATION MAP



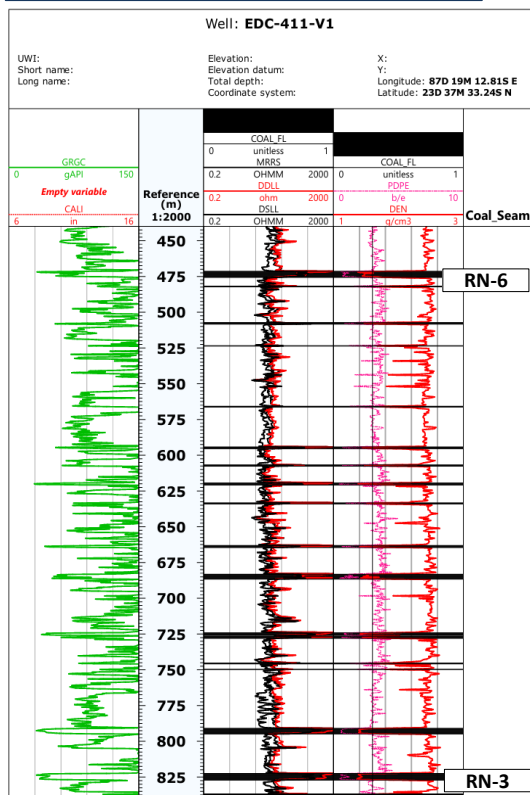
## BASIC DETAILS

Basin	Satpura-South Rewa Damodar
Basin Category	III
Block	SR-ONCBM(Raniganj)-2024
Area (Sq.km)	16.29
Age	Permian
Location	Durgapur, West Bengal
Coal Field	Raniganj
Major Coal seams	RN-4, RN-3
Avg. Thickness of Major Coal Seams(m)	4-6 meters
Wells Drilled	8
Average Gas content	2.4-10.8 m3/ton
Coal saturation	56%-96%
Permeability (md)	2.5-36 mD
Coal rank	Bituminous

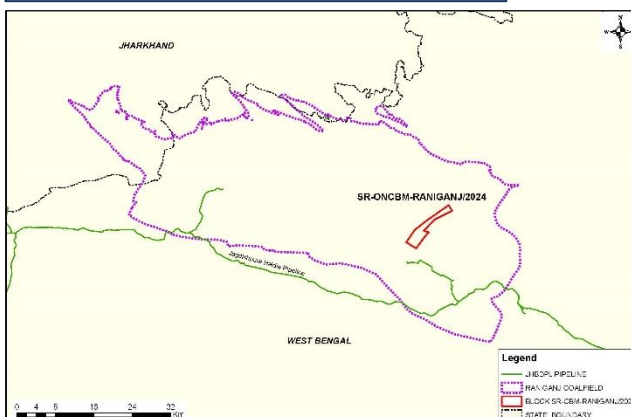
## STRATIGRAPHIC SEQUENCE

Age	Formation (Thickness in m)	Lithological Description
Recent and Quaternary	Recent sediments (0 - 40 m)	Soil / alluvium
Tertiary	(30 – 280 m)	Clay, sandstone, marl, lignite
Cretaceous	Rajmahal volcanics (0 – 170 m)	
----- Unconformity -----		
Triassic	Panchet (15 – 930 m)	Sandstones with thin bands and intercalations of green shale
Upper Permian	Raniganj (95 – 698 m)	Alternating sequence of shale, carbonaceous shale and coal seams. interbanded with fine grained sandstone
	Iron Stone Shale (0 – 525 m)	
Lower Permian	Barakar (20 – 200 m)	Sandstone at times interbanded with fine grain sandstone; fireclay lenses
Early Permian	Talchir (0-525 m)	sandstone; siltstone, silty shale, needle shale and rhythmite with drop stones
----- Unconformity -----		
Pre-Cambrian	Metamorphics	Granite gneiss, hornblende gneiss, metabasic rocks, pegmatite, and

## LOG MOTIF OF WELL EDC-411-V1



## NEAREST NATURAL GAS PIPELINE





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### **Contact us**

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