

**GOVERNMENT OF ASSAM  
ENVIRONMENT AND FOREST DEPARTMENT  
DISPUR, GUWAHATI-6**

**Email: [environmentforestassam@gmail.com](mailto:environmentforestassam@gmail.com)**

ECF No.238662/152

Dated Dispur, the 27<sup>th</sup> February, 2023

- To : The Regional Officer  
Government of India,  
Ministry of Environment, Forest & Climate Change,  
Integrated Regional Office, 4<sup>th</sup> Floor, Housefed Building,  
G.S Road, Rukminigaon, Guwahati-781022
- Sub : Proposal for diversion of 4.125 ha of forest land Oil and Gas Exploration, development and production of Well pad No.29 in Nambor South Reserved Forest under Golaghat Division in favour of M/s Vedanta Limited (Division of Cairn Oil & Gas).
- Ref : (i) Govt. of India letter F.No3-AS B/106/2022/GHY/3598-99 dated 14.02.2023.  
(ii) This department's Letter ECF No.238662/139 dated 06.02.2023 (**Copy enclosed**)

Sir,

In continuation to this department's letter under reference no. (ii) above, I am directed to enclose herewith a copy of letter No.AA-1/FC/29/18 dated 16.02.2023 along with its enclosures as received from the User Agency i.e. M/s Vedanta Limited (Division of Cairn Oil & Gas) in respect of the subject mentioned FC proposal and as per report of the User Agency the following information/documents are submitted for favour of your kind information and necessary action:

**Opportunities for hydrocarbon reserves:**

**Point No.VI.** - On success, two (02) more wells are planned from same location of well pad no. 29 with production potential of ~2000-2500 BOPD (Barrels of Oil Per Day).

**Angle of deviation and range of distance of deviation:**

Two (02) wells as 'J profile low deviation' well are planned. The final well deviation is 25 degrees. The range of distance of deviation from the vertical well is 110-130m.

Yours faithfully,

Encl: As stated above.

Secretary to the Govt. of Assam  
Environment and Forest Department

Memo No.ECF No238662/152-A

Dated Dispur, the 27<sup>th</sup> February, 2023

Copy to:

The Principal Chief Conservator of Forests & HoFF, Assam, Panjabari, Guwahati-37.

**ESIGNED**

Secretary to the Govt. of Assam  
Environment and Forest Department

Ref No: AA-1/FC/29/18

Date: 16/02/2023

The Chief Conservator of Forest & Nodal Officer (FC Act) Assam,  
O/o Principal Chief Conservator of Forest &  
Head of Forest Forces, Govt. of Assam,  
Environment Department, Aranya Bhawan,  
Panjabari, Guwahati – 781037, Assam

**Subject:** Forest diversion proposal of 4.125 ha. of forest land for Oil and Gas exploration, development and production in Well Pad No.29 in Nambor Reserved Forest under Golaghat Division in favour of M/s Vedanta Limited. – Submission of additional details/ justification-regd.

**Ref.:(1) Your letter no. FG.27/FCA/Proposal/Vedanta Ltd./WellPad No. 29/ Golaghat Div dtd 15.02.2023**  
**(2) Govt. of India letter F.No. 3-AS B/106/2022/GHY/3598-99 dated 14.02.2023**

Dear Sir,

This has reference to the above-mentioned proposal for diversion of forest land and your letter no. FG.27/FCA/Proposal/Vedanta Ltd./Well Pad No. 29/ Golaghat Divn dated 15.02.2023. In this regard, we are pleased to further submit the following justifications/ additional details for 4.125 ha. of land for the Well Pad No. 29, for your kind consideration and perusal:

**Opportunities for hydrocarbon reserves:**

- I. The prospect area is adjacent to ONGC's existing producing fields of Khoraghat & Nambar in Golaghat Dist.
- II. This well location is based on high quality 3D seismic, and it has very high chance of success.
- III. The subsurface structural closure of this prospect is such that, from the same surface location multiple wells can be drilled to maximise the reservoir reach and hydrocarbon extraction. Kindly note this will defiantly reduce overall land and environment footprints.
- IV. Geologically the prospect belt is predominantly within Foreland area and partly in fold thrust belt with in-place oil (Pm STOIP) 800 MMBOE hydrocarbons.
- V. The area has huge upside potential of ~200 MMBOE recoverable hydrocarbon. Representative seismic section along well pad no. 29 is given in Annexure-1 for kind reference.
- VI. On success, two (02) more wells are planned from same location of well pad no. 29 with production potential of ~2000-2500 BOPD (Barrels of Oil Per Day).

**Phase-wise development:**

Utilization of 4.125 ha of land has been planned in a time frame of 9 to 12 months from start of first well drilling (post grant of final Forest Clearance (FC)). Phase-wise development plan is given as Annexure-2.

**VEDANTA LIMITED**

**Cairn Oil & Gas:** ASF Center Tower A, 362-363, Jwala Mill Road, Phase IV, Udyog Vihar, Sector 18, Gurugram – 122016, Haryana, India  
T +91 124 459 3000 | F +91 124 414 5612 | www.cairnindia.com

**Registered Office:** Vedanta Limited, 1<sup>st</sup> Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects, Chakala, Andheri (East), Mumbai – 400093, Maharashtra, India | T +91 22 664 34500 | F +91 22 664 34530 | www.vedantalimited.com

CIN: L13209MH1965PLC291394

Sensitivity: Internal (C3)

**Angle of deviation and range of distance of deviation:**

Two (02) wells as 'J profile low deviation' well are planned. The final well deviation is 25 degrees. The range of distance of deviation from the vertical well is ~110 - 130 m.

**Overall reduction in the land requirement due to proposed excess plinth area:**

Multiple number of wells if drilled from multiple separate locations, the land footprint will be much higher than if same number of multiple wells are drilled from one location. In this case, if three wells are drilled from three separate locations than considering per well area requirement of 2.5 ha, the total area required for three wells will be 7.5 ha. However, we are planning to drill in an event of success of first explanatory well, two more additional wells from the same location, which will take a total area of 4.125 ha ( $2.5+0.8125 + 0.8125$ ) against the abovementioned 7.5 ha land. Multiple numbers of wells (3 wells) planned from the same surface location will have drastic reduction in requirement of land footprint and far lesser environmental footprints. A chart explaining requirement and utilization of land is given as **Annexure-2.**

**Setting-up of Extended Well Testing (EWT) Unit / Early Production System (EPS):**

In an event of success, it is planned from well pad no. 29 of 4.125 ha. to set-up a fit for purpose, modular EWT unit/ EPS surface facilities for Early monetisation/ production, which is also in line with the Revenue Sharing Contract (RSC) under MoPNG, GOI.

This location has advantage w.r.t proximity to existing infrastructure of M/s. NRL and M/s. ONGC's GGS (Group Gathering Station). Hence, it is easy to monetize. Approvals for Early monetization/ production from DGH, MoPNG and EC (Environmental Clearance) from SEIAA, Govt. of Assam for same are already in place.

In view of the above, it is humbly requested you to kindly grant FC so that exploration drilling activities could be taken up at the earliest.

Thanking You,  
Yours faithfully,

For Vedanta Ltd. (Div.: Cairn Oil & Gas)



**Dilip Kumar Bera**  
DGM- Environment

**Enclosures:**

Annexure-1: Representative seismic section along Well Pad no. 29.

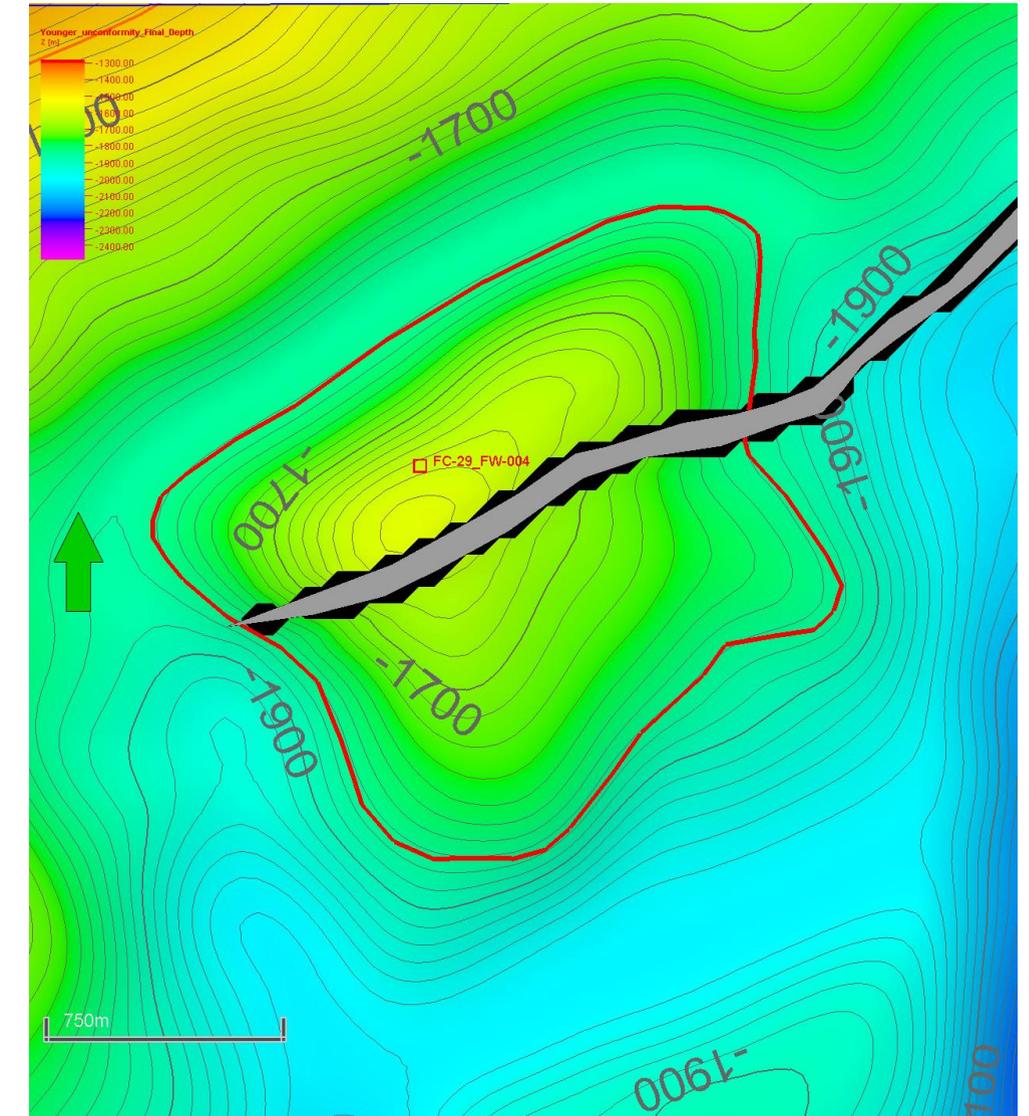
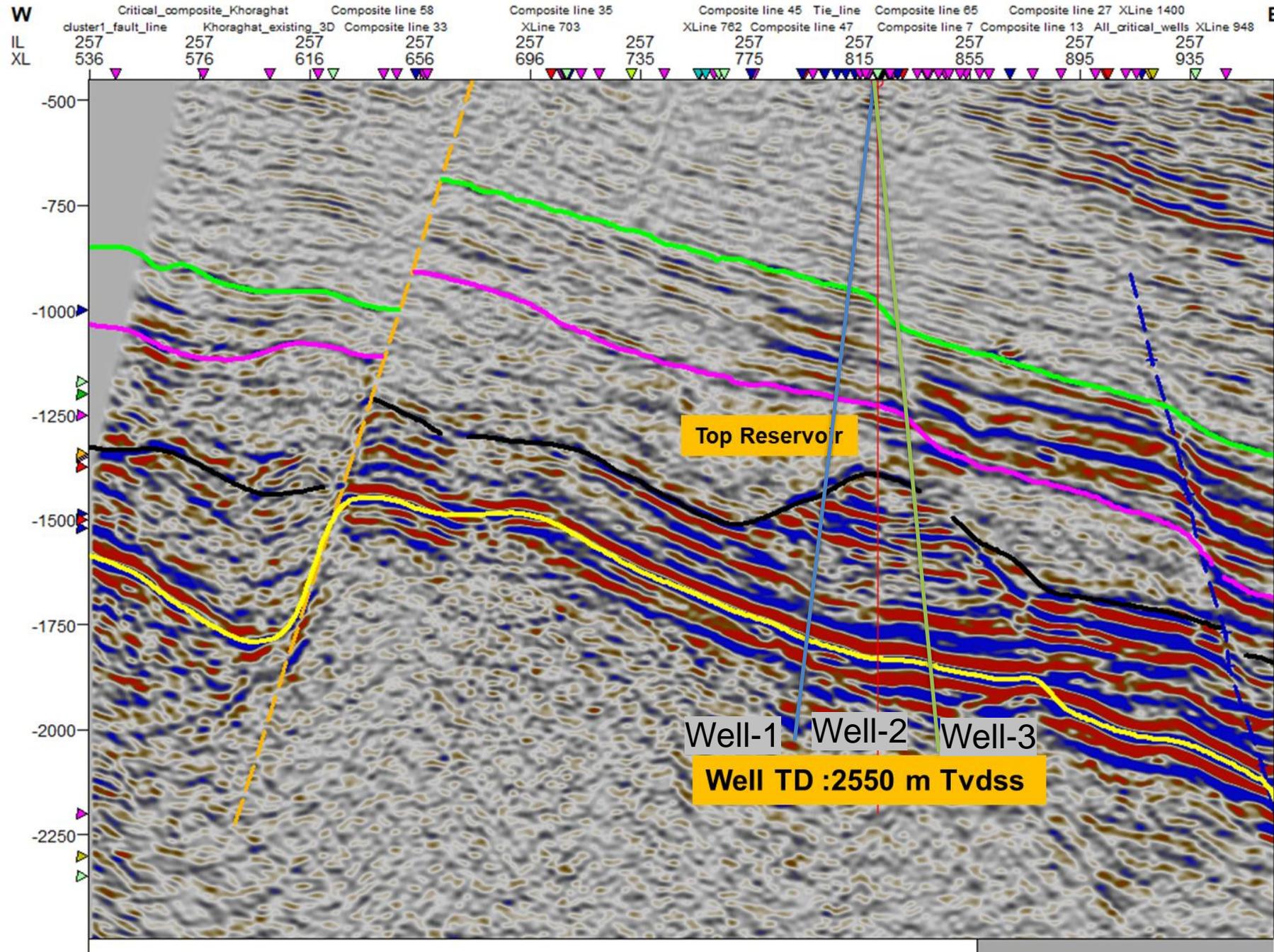
Annexure-2: Chart explaining requirement and utilization of land.

**VEDANTA LIMITED**

**Cairn Oil & Gas:** ASF Center Tower A, 362-363, Jwala Mill Road, Phase IV, Udyog Vihar, Sector 18, Gurugram - 122016, Haryana, India  
T +91 124 459 3000 | F +91 124 414 5612 | [www.cairnindia.com](http://www.cairnindia.com)

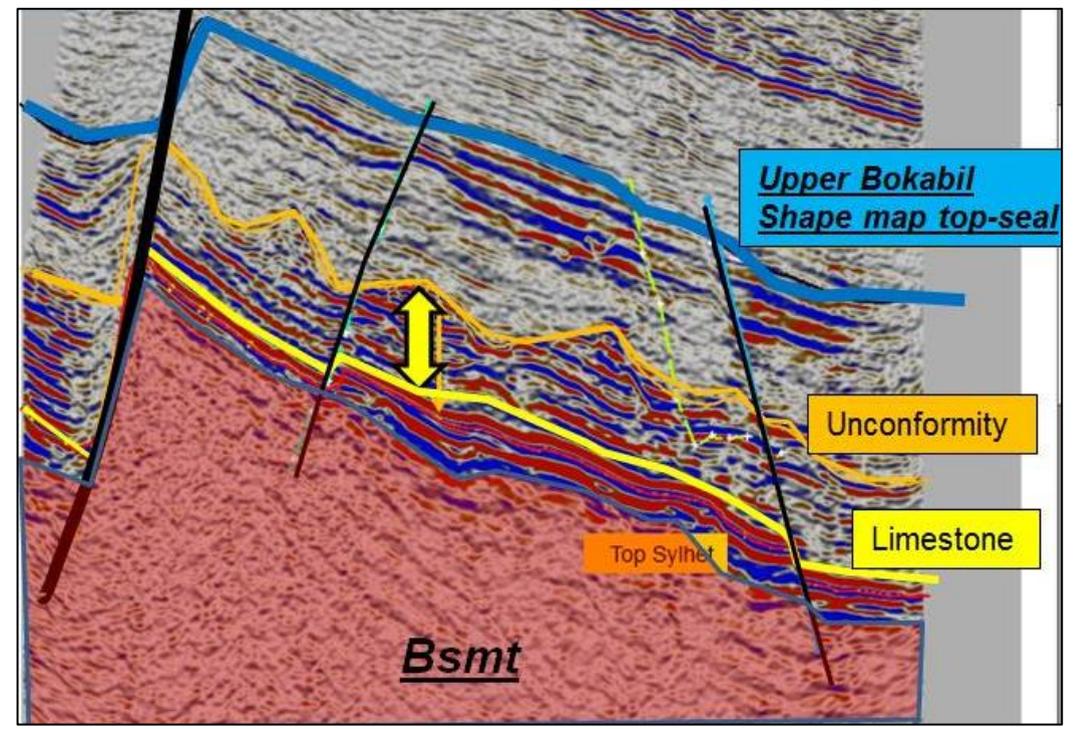
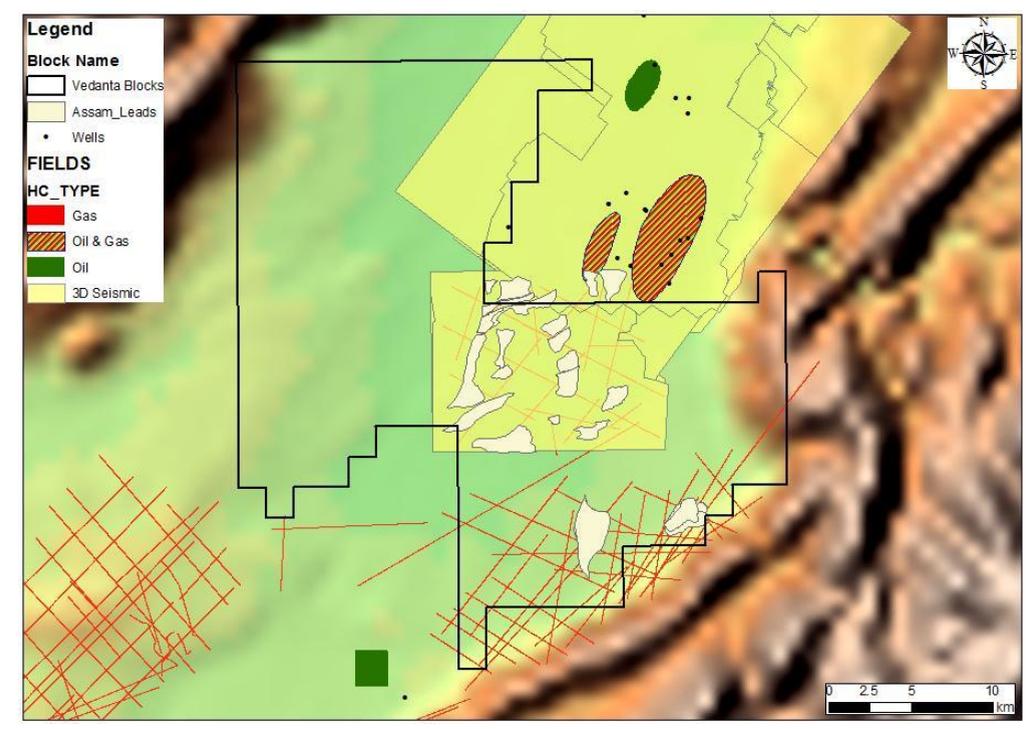
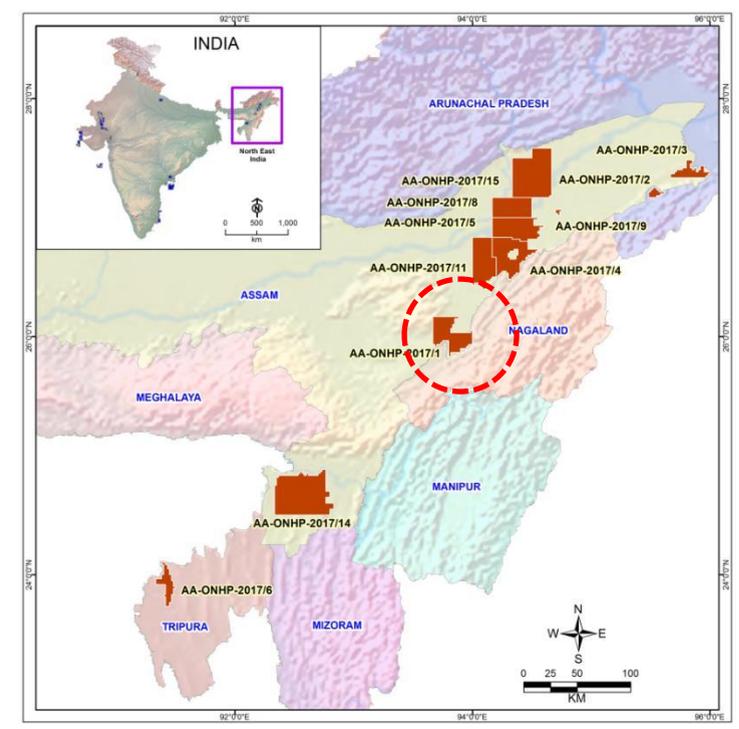
**Registered Office:** Vedanta Limited, 1<sup>st</sup> Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects, Chakala, Andheri (East), Mumbai - 400093, Maharashtra, India | T +91 22 664 34500 | F +91 22 664 34530 | [www.vedantalimited.com](http://www.vedantalimited.com)

# ANNEXURE-1: Seismic section along Well No 29





# Well Pad - 29: Potential



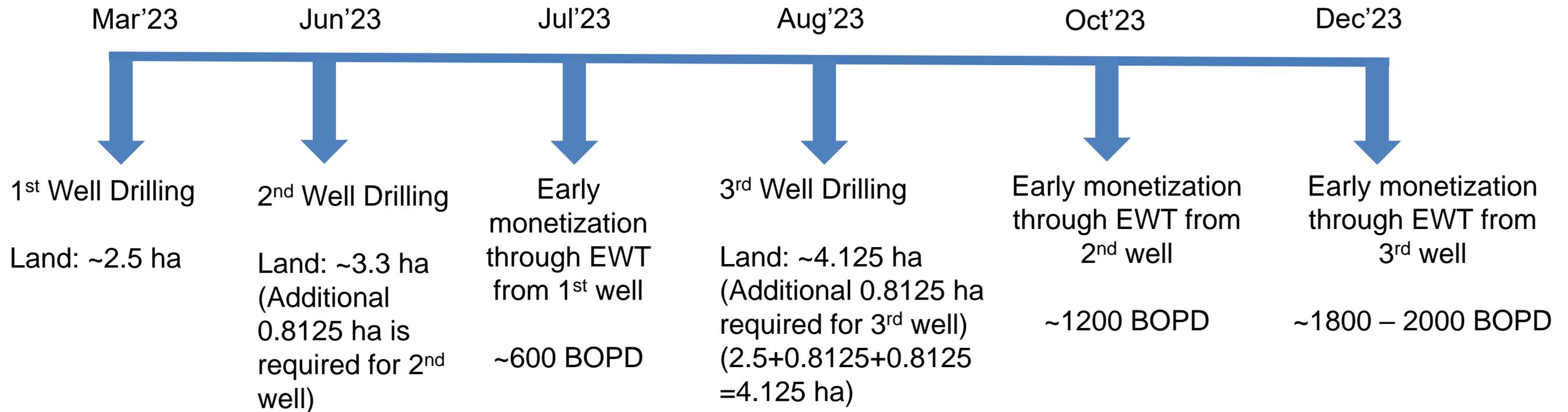
- Block Area - 715 sq. km
- Predominantly within Foreland area and partly in fold thrust belt
- Pm STOIP: 800 MMBOE
- Expected Fluid Type: Light Oil and Gas

- Opportunities**
- Adjacent to ONGC's existing Khoraghat & Nambar producing fields
  - Wells planned in high quality 3D seismic, high chance of success
  - Proximity to existing infrastructure of NRL & ONGC GGS, easy to monetize; approvals for early monetization from DGH & EC for same in place
  - Also, huge upside potential for the area (~200 MMBOE: Recoverable)
  - On success, 3 - 4 wells possible from same location of well pad no. 29 with production potential ~2000-2500 bopd

- Exploration Work Programme**
- Wells: 12
  - Wells with Core: 12
  - 2D: 0 LKM
  - 3D: 715 sq. km

- Existing data coverage**
- Seismic 3D: 2,300 sq.km
  - Seismic 2D: 670 LKM
  - Wells: 1

# ANNEXURE-2: Sequence of land use plan for drilling of multiple wells at a single wellpad location & Early monetization through EWT/ EPS



## Note:

1. Considering speedy grant of Stage-I and final FC
2. Considering very high success potential
3. Drilling of multiple wells from a single wellpad location, which has minimum land footprint
4. **Necessary approvals/ clearances within the provisions of Forest Conservation Rules shall be obtained for progressive change in landuse plan based on project progress**
5. Land requirement is for Drilling and Early monetization

By Email

GOVERNMENT OF ASSAM  
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS AND  
HEAD OF FOREST FORCE, ASSAM  
ARANYA BHAWAN, PANJABARI, GUWAHATI-37

Email: [adlpcfc.nodal@gmail.com](mailto:adlpcfc.nodal@gmail.com)

No. FG.27/FCA/Proposal/Vedanta Ltd./Well Pad No.29/Golaghat Divn

Date: 15.2.2023

To,

The Sr. Manager- Environment,  
M/s Vedanta Limited (Diversion Cairn Oil & Gas),  
DLF Phase-2, DLF City, Gurgaon, Haryana-122002.

Sub:

Forest diversion proposal of 4.125 Ha. forest land for Oil and Gas exploration, development and production of Well Pad No.29 in Nambor South Reserved Forest under Golaghat Division in favour of M/s Vedanta Limited (Diversion Cairn Oil & Gas).

Ref:

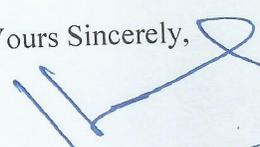
Government of India letter No. 3-AS B/106/2022/GHY/3598-99 dated 14.2.2023.

Sir,

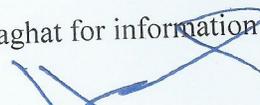
With reference to the above, I am enclosing herewith a letter No. 3-AS B/106/2022/GHY/3598-99 dated 14.2.2023 received from the Government of India, MoEF & CC, IRO, Guwahati regarding forest diversion proposal of 4.125 Ha. forest land for Oil and Gas exploration, development and production of Well Pad No.29 in Nambor South Reserved Forest under Golaghat Division in favour of M/s Vedanta Limited (Diversion Cairn Oil & Gas). Therefore, you are requested to submit the information/documents to this office for transmitting the same to the Government of India for onward necessary action.

Encl: As stated above.

Yours Sincerely,

  
(Dr. C Muthukumaravel, IFS)  
Chief Conservator of Forests &  
Nodal Officer (FC Act), Assam  
O/o the Principal Chief Conservator of Forests and  
Head of Forest Force, Assam

Copy to the Divisional Forest Officer, Golaghat Division, Golaghat for information and necessary action.

  
Chief Conservator of Forests &  
Nodal Officer (FC Act), Assam  
O/o the Principal Chief Conservator of Forests and  
Head of Forest Force, Assam



**GOVERNMENT OF ASSAM  
ENVIRONMENT AND FOREST DEPARTMENT  
DISPUR, GUWAHATI-6**

ECF No.238662/139

Dated Dispur, the 6<sup>th</sup> February, 2023

- To : The Regional Officer  
Government of India,  
Ministry of Environment, Forest & Climate Change,  
Integrated Regional Office, 4<sup>th</sup> Floor, Housefed Building,  
G.S Road, Rukminigaon, Guwahati-781022
- Sub : Proposal for diversion of 4.125 ha of forest land Oil and Gas Exploration, development and production of Well pad No.29 in Nambor South Reserved Forest under Golaghat Division in favour of M/s Vedanta Limited (Division of Cairn Oil & Gas).
- Ref : (i) Govt. of India letter No F.No3-AS B/106/2022/GHY/3454-55 dated 30.12.2022.  
(ii) Letter No. FG.27/FCA/Proposal/Vedanta Ltd./Well Pad No.29/Golaghat Divn dated 11.1.2023 of CCF & Nodal (FC Act)

Sir,

In inviting a reference to your letter on the subject cited above, I am directed to furnish herewith the information/documents submitted by User agency corresponding to letter under reference (i) as below for favour of your kind information and necessary action:

- 1) The prospect area is adjacent to ONGC's existing producing fields of Khoraghat & Nambar in Golaghat.
- 2) This well location is based on high quality 3D seismic, and it has very high chance of success.
- 3) The structural closure of this prospect is such that through the same surface location, multiple wells can be drilled to maximise the reservoir reach and hydrocarbon extraction. Kindly note this will defiantly reduce overall land and environment footprints.
- 4) Geologically the prospect belt is predominantly within Foreland area and partly in fold thrust belt with in-place Oil (Pm STOIP) 800 MMBOE hydrocarbons.
- 5) The area has huge upside potential of 200 MMBOE recoverable hydrocarbon. Seismic section along well pad No.29 is given in **Annexure-I** for kind reference.
- 6) On success, 3 wells are planned from same location of well pad No.29 with production potential of 2000-2500 BOPD (Barrels of Oil Per Day).

- 7) Multiple numbers of wells if drilled from multiple separate locations, the land footprint will be much higher than if same number of multiple wells are drilled from one location. In this case, if three wells are drilled from three separate locations than considering per well area requirement of 2.5Ha., the total area required for three wells will be 7.5 Ha. However, we are planning to drill in an event of success of first explanatory well, two more additional wells from the same location, which will take a total area of 4.125 Ha. ( 2.5+0.8125+0.9125) against the abovementioned 7.5Ha. land. Multiple numbers of wells (3 wells) planned from the same surface location will have drastic reduction in requirement of land footprint and far lesser environmental footprint.
- 8) In an event of success, it is planned from well pad no.29 of 4.125 Ha fit for purpose, modular Extended well Testing unit (EWT)/EPS surface facilities will be placed for Early monetisation which is also in line with the Revenue Sharing Contract (RSC) under MoPNG, GOI.
- 9) This location has advantage w.r.t. proximity to existing infrastructure of NRL & ONGC GGS hence easy to monetize.
- 10) Approvals for Early monetization from DGH & EC from SEIAA, Assam for same are already in place.
- 11) Utilization of 4.125 Ha. of land has been planned in a time frame of 9 to 12 months from start of first well drilling (post grant of final Forest Clearance (FC). Details of utilization of land are given in **Annexure-II**

Yours faithfully,

Enclo: As stated above.

(I. Kalita, ACS)

Secretary to the Govt. of Assam  
Environment and Forest Department

Memo No.ECF No238662/139-A

Dated Dispur, the 6<sup>th</sup> February, 2023

Copy to:

The Principal Chief Conservator of Forests & HoFF, Assam, Panjabari, Guwahati-37.

**ESIGNED**

Secretary to the Govt. of Assam  
Environment and Forest Department

**GOVERNMENT OF ASSAM  
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS AND  
HEAD OF FOREST FORCE, ASSAM  
ARANYA BHAWAN, PANJABARI, GUWAHATI-37**

Email: [adpcccf.nodal@gmail.com](mailto:adpcccf.nodal@gmail.com)

No. FG.27/FCA/Proposal/Vedanta Ltd./Well Pad No.29/Golaghat Divn

Date: 3.2.2023

To,

The Additional Chief Secretary to the Government of Assam  
Environment and Forest Department Dispur, Guwahati-6

Sub:

**Forest diversion proposal of 4.125 Ha. forest land for Oil and Gas exploration, development and production of Well Pad No.29 in Nambor South Reserved Forest under Golaghat Division in favour of M/s Vedanta Limited (Diversion Cairn Oil & Gas).**

Ref:

1. Government of India letter No. 3-AS B 106/2022/ GHY/3454-55 dated 30.12.2022.
2. This office letter No. FG.27/FCA/Proposal/Vedanta Ltd./Well Pad No.29/Golaghat Divn dated 11.1.2023

Sir,

In continuation to this office letter under reference, I am enclosing herewith a letter No. AA-1/FC/29/17 dated 30.1.2023 along with its enclosures received from the Vedanta Ltd. regarding forest diversion proposal of 4.125 Ha. forest land for Oil and Gas exploration, development and production of Well Pad No.29 in Nambor South Reserved Forest under Golaghat Division in favour of M/s Vedanta Limited (Diversion Cairn Oil & Gas). The User Agency (M/s Vedanta Limited) has resubmit the following additional clarification/justification for requirement of land 4.125 Ha for Well Pad# 29.

- 1) The prospect area is adjacent to ONGC's existing producing fields of Khoraghat & Nambar in Golaghat.
- 2) This well location is based on high quality 3D seismic, and it has very high chance of success.
- 3) The structural closure of this prospect is such that through the same surface location, multiple wells can be drilled to maximise the reservoir reach and hydrocarbon extraction. Kindly note this will defiantly reduce overall land and environment footprints.
- 4) Geologically the prospect belt is predominantly within Foreland area and partly in fold thrust belt with in-place Oil (Pm STOIP) 800 MMBOE hydrocarbons.
- 5) The area has huge upside potential of 200 MMBOE recoverable hydrocarbon. Seismic section along well pad No.29 is given in **Annexure-I** for kind reference.
- 6) On success, 3 wells are planned from same location of well pad No.29 with production potential of 2000-2500 BOPD (Barrels of Oil Per Day).

- 7) Multiple numbers of wells if drilled from multiple separate locations, the land footprint will be much higher than if same number of multiple wells are drilled from one location. In this case, if three wells are drilled from three separate locations than considering per well area requirement of 2.5Ha., the total area required for three wells will be 7.5 Ha. However, we are planning to drill in an event of success of first explanatory well, two more additional wells from the same location, which will take a total area of 4.125 Ha. (2.5 + 0.8125 + 0.9125) against the abovementioned 7.5Ha. land. Multiple numbers of wells (3 wells) planned from the same surface location will have drastic reduction in requirement of land footprint and far lesser environmental footprint.
- 8) In an event of success, it is planned from well pad no.29 of 4.125 Ha fit for purpose, modular Extended well Testing unit (EWT)/EPS surface facilities will be placed for Early monetisation which is also in line with the Revenue Sharing Contract (RSC) under MoPNG, GOI.
- 9) This location has advantage w.r.t. proximity to existing infrastructure of NRI & ONGC GGS hence easy to monetize.
- 10) Approvals for Early monetization from DGII & EC from SEIAA, Assam for same are already in place.
- 11) Utilization of 4.125 Ha. of land has been planned in a time frame of 9 to 12 months from start of first well drilling (post grant of final Forest Clearance (FC). Details of utilization of land are given in **Annexure-II**

The above-mentioned information may kindly be send to the Government of India, MoEF&CC, Integrated Regional Office, Guwahati accordingly.

Encl: As stated above.

Yours faithfully,

(Dr. C Muthukumaravel, IFS)  
Chief Conservator of Forests &  
Nodal Officer (FC Act), Assam.

O/o the Principal Chief Conservator of Forests and  
Head of Forest Force, Assam

Copy to:

1. The Inspector General of Forests (C), Government of India, Ministry of Environment Forest and Climate Change, Integrated Regional Office, Guwahati, 4<sup>th</sup> Floor, Houseled Building, G S Road, Rukminigaon, Guwahati-781022 for favour of kind information
2. The Sr. Manager- Environment, M/s Vedanta Limited (Diversion Cairn Oil & Gas), DLF Phase-2, DLF City, Gurgaon, Haryana-122002 for information.

Chief Conservator of Forests &  
Nodal Officer (FC Act), Assam

O/o the Principal Chief Conservator of Forests and  
Head of Forest Force, Assam

o/c



Ref No: AA-1/FC/29/17

Date:30/01/2023

**The Chief Conservator of Forest & Nodal Officer (FC Act) Assam,  
Office of the Principal Chief Conservator of Forest &  
Head of Forest Forces, Govt. of Assam,  
Environment Department, Aranya Bhawan,  
Panjabari, Guwahati – 781037, Assam**

**Subject:** Proposal for diversion of 4.125 ha. of forest land for Oil and Gas exploration, development and production in Well Pad No.29 in Nambor Reserved Forest under Golaghat Division in favour of M/s Vedanta Limited. – Submission of additional details/ justification-regd.

**Ref.:** 1) F.No. 3-AS B/106/2022/GHY/3454-55 dated 30.12.2022  
2) FC Proposal no. FP/AS/MIN/44361/2020  
3) Our letter reference no. AA-1/FC/29/16 dated 04.01.2023

Dear Sir,

This has reference to the above-mentioned proposal for diversion of forest land and letter No. 3-AS B/106/2022/GHY/3454-55 dated 30.12.2022 from IRO, Guwahati. In this regard, in continuation of our earlier submission vide letter no. AA-1/FC/29/16 dated 04.01.2023, we are pleased to further submit the following towards justifications for 4.125 ha. of land for the Well Pad # 29, for your kind consideration and perusal:

Opportunities for hydrocarbon reserves:

- I. The prospect area is adjacent to ONGC's existing producing fields of Khoraghat & Nambar in Golaghat.
- II. This well location is based on high quality 3D seismic, and it has very high chance of success.
- III. The structural closure of this prospect is such that through the same surface location, multiple wells can be drilled to maximise the reservoir reach and hydrocarbon extraction. Kindly note this will defiantly reduce overall land and environment footprints.
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- VII. **Multiple number of wells if drilled from multiple separate locations, the land footprint will be much higher than if same number of multiple wells are drilled from one location. In this case, if three wells are drilled from three separate locations than considering per well area requirement of 2.5 ha, the total area required for three wells will be 7.5 ha. However, we are planning to drill**

**VEDANTA LIMITED**

**Cairn Oil & Gas:** ASF Center Tower A, 362-363, Jwala Mill Road, Phase IV, Udyog Vihar, Sector 18, Gurugram - 122016, Haryana, India  
T +91 124 459 3000 | F +91 124 414 5612 | www.cairnindia.com

**Registered Office:** Vedanta Limited, 1<sup>st</sup> Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects, Chakala, Andheri (East), Mumbai - 400093, Maharashtra, India | T +91 22 664 34500 | F +91 22 664 34530 | www.vedantalimited.com



in an event of success of first explanatory well, two more additional wells from the same location, which will take a total area of 4.125 ha (2.5+0.8125 + 0.8125) against the abovementioned 7.5 ha land. Multiple numbers of wells (3 wells) planned from the same surface location will have drastic reduction in requirement of land footprint and far lesser environmental footprint.

- VIII. In an event of success, it is planned from well pad no. 29 of 4.125 ha fit for purpose, modular Extended Well Testing unit (EWT) / EPS surface facilities will be placed for Early monetisation which is also in line with the Revenue Sharing Contract (RSC) under MoPNG, GOI.
- IX. This location has advantage w.r.t proximity to existing infrastructure of NRL & ONGC GGS hence easy to monetize.
- X. Approvals for Early monetization from DGH & EC from SEIAA, Assam for same are already in place.
- XI. Utilization of 4.125 ha of land has been planned in a time frame of 9 to 12 months from start of first well drilling (post grant of final Forest Clearance (FC)). Details of utilization of land are given in Annexure-2.

In view of the above, it is humbly requested you to kindly grant FC so that exploration drilling activities could be taken up at the earliest.

Thanking You,

Yours faithfully,

For Vedanta Ltd. (Div.: Cairn Oil & Gas)



**Dilip Kumar Bera**  
DGM- Environment

Enclosures: As above

Copy to: DIGF (C), IRO, MoEF, 4<sup>th</sup> Floor, Housefed Building, GS Road, Rukminigaon, Guwahati-781022.

#### VEDANTA LIMITED

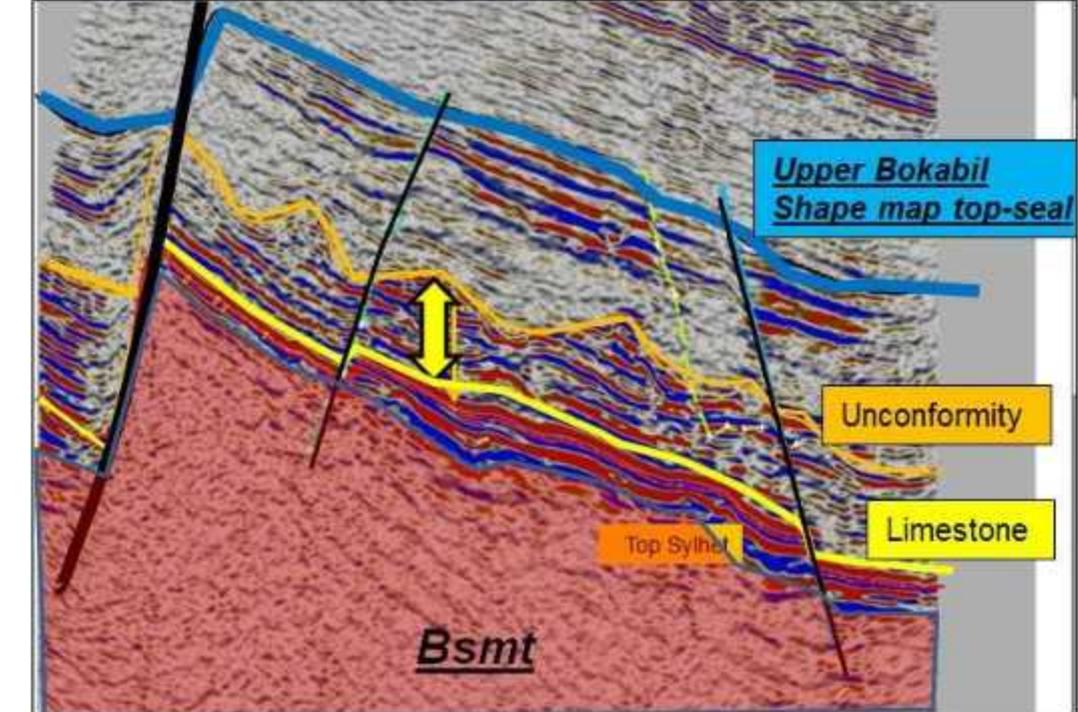
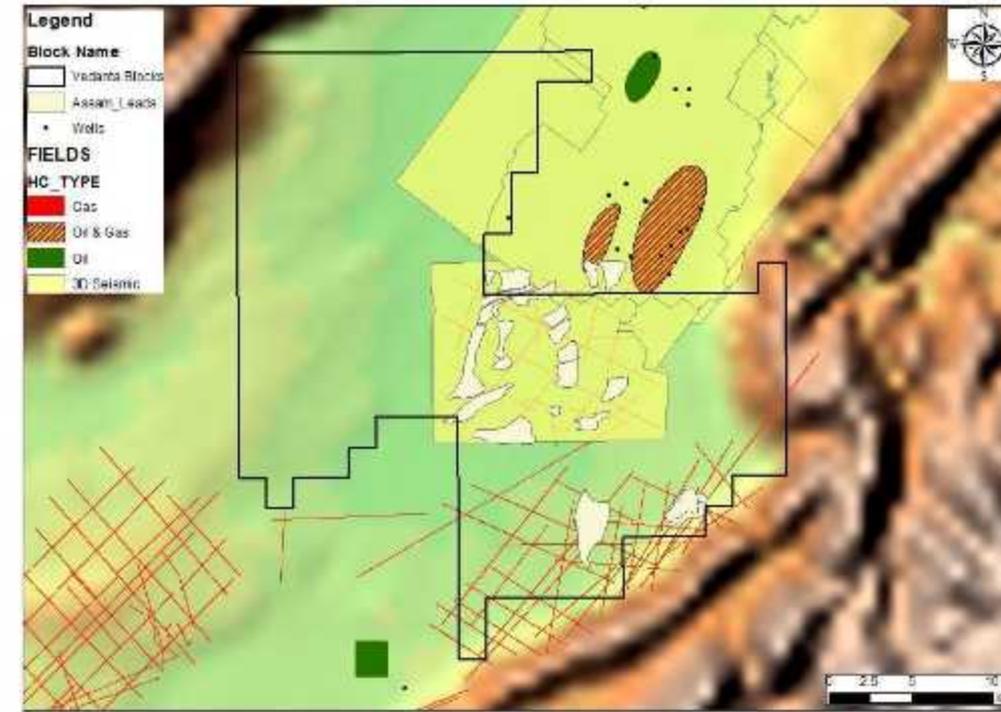
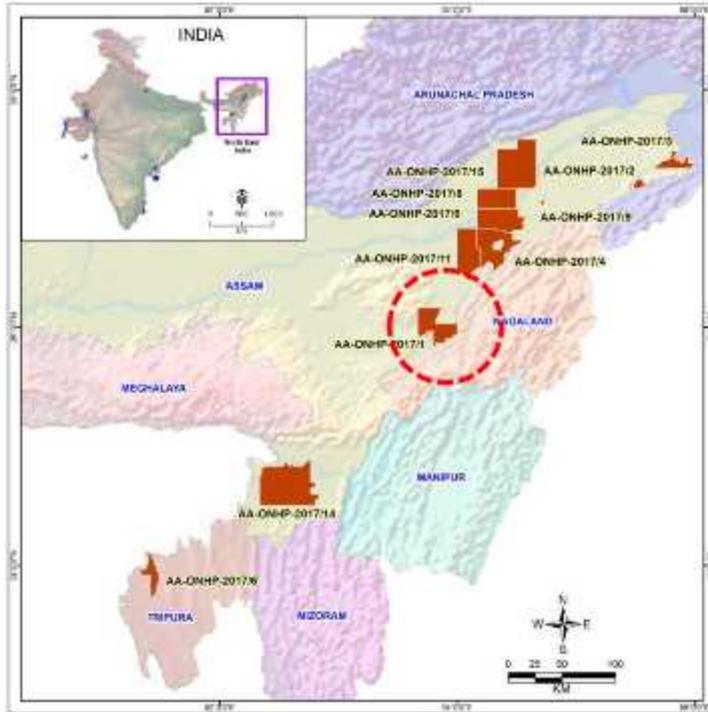
**Cairn Oil & Gas:** ASF Center Tower A, 362-363, Jwala Mill Road, Phase IV, Udyog Vihar, Sector 18, Gurugram - 122016, Haryana, India  
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**Registered Office:** Vedanta Limited, 1<sup>st</sup> Floor, 'C' wing, Unit 103, Corporate Avenue, Atul Projects, Chakala, Andheri (East), Mumbai - 400093, Maharashtra, India | T +91 22 664 34500 | F +91 22 664 34530 | www.vedantalimited.com





# Well Pad - 29: Potential



- Block Area - 715 sq. km
- Predominantly within Foreland area and partly in fold thrust belt
- Pm STOIP: 800 MMBOE
- Expected Fluid Type: Light Oil and Gas

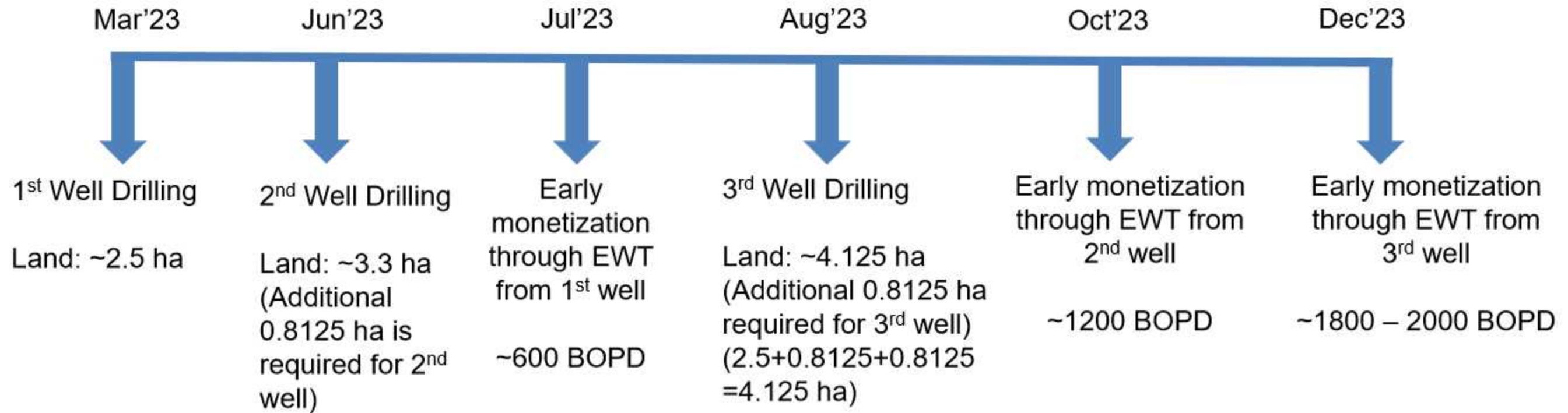
- Opportunities
  - Adjacent to ONGC's existing Khoraghat & Nambar producing fields
  - Wells planned in high quality 3D seismic, high chance of success
  - Proximity to existing infrastructure of NRL & ONGC GGS, easy to monetize; approvals for early monetization from DGH & EC for same in place
  - Also, huge upside potential for the area (~200 MMBOE: Recoverable)
  - On success, 3 - 4 wells possible from same location of well pad no. 29 with production potential ~2000-2500 bopd

- Exploration Work Programme
  - Wells: 12
  - Wells with Core: 12
  - 2D: 0 LKM
  - 3D: 715 sq. km

- Existing data coverage
  - Seismic 3D: 2,300 sq.km
  - Seismic 2D: 670 LKM
  - Wells: 1

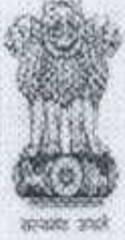


# ANNEXURE-2: Sequence of land use plan for drilling of multiple wells at a single wellpad location & Early monetization through EWT/ EPS



## Note:

1. Considering speedy grant of Stage-I and final FC
2. Considering very high success potential
3. Drilling of multiple wells from a single wellpad location, which has minimum land footprint
4. **Necessary approvals/ clearances within the provisions of Forest Conservation Rules shall be obtained for progressive change in landuse plan based on project progress**
5. Land requirement is for Drilling and Early monetization



भारत सरकार

Government of India

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest &amp; Climate Change

एकीकृत क्षेत्रीय कार्यालय, गुवाहाटी/Integrated Regional office, Guwahati

चौधमजित, हीसेफेड्डुमारत, जीएसरोड, रुक्मिणीगाँव, गुवाहाटी-७८१०२२

4<sup>th</sup> Floor, Housefed building, GS Road, Rukminigaon, Guwahati -781022

दूरभाष/Tel No. 0361-2962350, E-mail:iro.guwahati-mefcc@gov.in



F.No.3-AS B/106/2022/GHY/3454-55

30<sup>th</sup> December, 2022

सेवामे,

अतिरिक्त प्रमुख सचिव/ Addt. Chief Secretary,

असम सरकार/Govt of Assam,

पर्यावरण और वन विभाग/Environment and Forests Department,

दिसपुर/Dispur, गुवाहाटी/Guwahati-781006.

Sub: Proposal for diversion of 4.125 ha of forest land for Oil and Gas Exploration, Development and production of Well pad no 29 in Nambor South Reserved Forest under Golaghat Division in favour of M/s Vedanta Limited (Division Cairn Oil & Gas).

Ref: (i) Letter No. ECF No. 238662/118 dated 20.10.2022 of Govt of Assam.

(ii) Letter No. 3-AS B 106/2022-GHY/3065-66 dated 22.09.2022 of Integrated Regional Office, Guwahati.

Sir,

With reference to the subject and letter cited above, I am directed to inform that the instant proposal has been received from the Ministry through e-office. State Govt is requested to submit the phase wise development of the proposed 4.125 ha area clearly spelt out with land use delineated for both the phases and to recast with justification for large area being sought based on anticipations, or else, to provide the justification on the specificity of the project merely on the high possibility which can be acceded to this office for further processing of this proposal.

भवदीय,

  
(Ms. Laetitia Jean Sylemiong)  
I/c DIGIF (C), IRO, Guwahati

Copy to:

1. The Principal Chief Conservator of Forests & HoFF, Govt of Assam, Environment and Forest Department, Aranya Bhawan, Rop Konwar Jyoti Prasad, Agarwal Path, Near Srimanta Sankardev Kalakhetra, Panjabari, Guwahati-781037 for kind information and necessary action.

o/c

  
I/c DIGIF (C), IRO, Guwahati