

DISPUR, GUWAHATI-6

ECF No.251053/98

Dated Dispur, the 12th June, 2023

To : The Regional Officer,
Government of India,
Ministry of Environment, Forest & Climate Change,
Integrated Regional Office, 4th Floor, Housefed Building,
G.S Road, Rukminigaon, Guwahati-781022

Sub : **Forest diversion proposal of 1.44 Ha. forest land for ROU for Oil flow line from Well No. KSAG to KSAB in Kasomarigaon area in Doyang Reserved Forest under Golaghat Division in favour of ONGC, Jorhat.**

Ref : Government of India letter No. 3- AS B/047/2018-SHI/3423-24 dated 26.12.2022.

Sir,

With reference to the subject cited above, I am directed to submit herewith the additional information/documents as sought vide letter under reference as under:

Govt. of India letter No 3- AS B/047/2018-SHI/ 3423-24 dated 26.12.2022	Information Provided
	<p>The User Agency (ONGC) has stated that the exploratory well KSAG was drilled from the existing well site of exploratory well KSAC, exploratory FC for KSAC is available.</p> <p>KSAG is an exploratory cum appraisal well drilled to explore hydrocarbon potential of Tipam sand in Kasomarigaon area to Delineate KS-2 (KSAB) Mid Bokabil pay sand. On the basis of various types of data gathered such as , electro log evolution, quick look interpretations, hydrocarbon shows during drilling. Side wall core results and well log correlation with nearby wells, 3 objects in Mid Bokabil and Upper Bokabil sands were found to be interesting from hydrocarbon point of view and identified for testing.</p> <p>During initial testing of object-I, the well was found to be oil bearing which confirmed the pool extension of Mid Bokabil pay of KS-2 (KSAB). The other two objects are new zones, which on testing produced water. Well was completed in the object-1 (Mid Bokabil sand) currently under extended production testing.</p> <p>Extended and prolonged testing well testing is an operation to establish the existence of the moveable petroleum in a reservoir by flowing oil to the surface by a sequence of flow (drawdown) followed by shut-in (pressure build up), during which time, essential parameters are recorded, which helps in evaluating reservoir behaviour in real time for assessing the commerciality and productivity of a field. The vital data gathered are as follows:</p> <ul style="list-style-type: none"> ➤ Oil and Gas flow rates & water cut. ➤ Reservoir pressures (Flowing and Shut-in). ➤ Flowing temperature (surface and downhole). ➤ Formation permeability. ➤ Well productivity. ➤ Reservoir boundaries.

	<ul style="list-style-type: none">➤ Drainage area, distance to fault and drainage shape.➤ Near wellbore damage (skin).➤ Hydrocarbon chemistry. Wax and asphaltine potential.➤ Water chemistry. Used predicting scale potential.➤ Solid production. <p>Presence of non-hydrocarbon gases (CO₂, H₂S)</p> <p>The above data will aid in resolving reservoir uncertainty and enables assessing the pool limits demarcated based on seismic data, estimation of oil & gas initially in place, drill additional infill wells, establish long term reservoir deliverability, future facility designs for fields development, selection of optimum size of tubing for future development wells and confirm reserves and contingent resources of the field. Future exploratory leads are also obtained from extended well testing vide letter No. ONGC/JRT/HSE/NRAA-KSAG dated 12.4.2023 (Copy enclosed).</p>
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This is for favour of your kind information and necessary action.

Yours faithfully,

Enclo: As above

Secretary to the Govt. of Assam
Environment and Forest Department

Dated Dispur, the 12th June, 2023

Memo ECF No.251053/98-A

Copy forwarded to :

1. The Principal Chief Conservator of Forests & Head of Forest Force, Assam
Panjabari Guwahati-37.
2. The Deputy General Manager, Head HSE, Jorhat Asset, ONGC, Office Nambar-1, ONGC,
Chinnamara, Jorhat- 785704 for information.

E-SIGNED

Secretary to the Govt. of Assam
Environment and Forest Department