

Date: 25/04/2018

File No. : JA/SST/Mining Plan/KSDD/2018-19

Subject: Approval Sought for Mining Plan of Development Location, KSDD

The location, KSDD was approved and released by Asset Development Board (ADB) of ONGC which falls under Kasomarigoan PML area (F. No. O-12012/1/2010/ONG-II dated 10th March 2010). Total area of the PML is 20 square kilometres which falls under Dayang Reserve forest. The land requested for development drilling is already being used by ONGC for exploratory activities by drilling exploratory wells KS-03 and KS-05 from the same site. After exploratory drilling, development wells are to be drilled to augment oil and gas production. The present location, KSDD will be drilled from CP of KS-05 (KSAG).

In this regard and in the present scenario of energy requirement the well will contribute approximately 25 tons per day of oil and 7200 m³/d of gas. The mining plan (Oil and Gas production Profile) for the development location KSDD is tabulated as below:

Year	Oil (Tons/annum)	Gas (Mm ³ /annum)
2018-19	4563	1329
2019-20	8213	2872
2020-21	7391	3015
2021-22	6652	3101
2022-23	5987	3140
2023-24	5388	3140
2024-25	4849	3109
2025-26	4364	3052
2026-27	3928	2976
2027-28	3535	2884
2028-29	3182	2781
2029-30	2864	2670
2030-31	2577	2553
2031-32	2319	2433
2032-33	2088	2068

May kindly approve.

Asset Manager, Jorhat Asset, PI.

Approved

S. S. D. 25/4/18

S. S. D. Asset Manager,
Jorhat (Officiating)

Budhin M. 25/4/18
SSM- DMCR)
Sub Surface Team

सार्थक पत्र Working Paper



File No. ONGC/AM/SST/JRT/KSDA /FC/2015-16/1

Date: 01.03.2016

Sub: Approval Sought for Mining Plan of Development Locations, KSDA.

Ref.: -File No. A&A A /HR-LAQ/FC/KSDA &KSDB /2016/

Dated: 08/02/2016.

The location, KSDA was approved and released by Asset Development Board (ADB) of ONGC which falls under Kaomariagaon PML area (F.No.O-12012/1/2010/ONG-II dated 10th March 2010). Total area of the PML is 20 square kilometers which falls under Dayang Reserve forest. The oil reserves lies beneath the said forest area. The land requested for development drilling is already being used by ONGC for exploratory activities by drilling exploratory wells, KS-3, KS-4 and KS-5 from the same site. After exploratory drilling, development wells are to be drilled to augment oil and gas production. The present location, KSDA will be drilled from CP of KS-3 (KSAC).

In this regard and in the present scenario of energy requirement the well will contribute approximately 25 tons per day of oil and 6,300 m³/d of gas. The Mining Plan (Production Profile) for the Development Location, KSDA is tabulated as below.

YEAR	Oil (tons/annum)	Gas (Mm ³ /annum)
2017-18	7,046	2,464
2018-19	8,925	3,121
2019-20	8,479	2,965
2020-21	8,055	2,816
2021-22	7,652	2,676
2022-23	7,270	2,542
2023-24	6,906	2,415
2024-25	6,561	2,294
2025-26	6,233	2,179
2026-27	5,921	2,070
2027-28	5,625	1,967
2028-29	5,344	1,869
2029-30	5,077	1,775
2030-31	4,823	1,686
2031-32	4,582	1,602
Total	98,500	34,441

May kindly approve.

B.C. Sethy
01/03/16
(B.C. Sethy)
CM-SSAM,
SST, Jorhat

GM-SSM, SST, Nazira,

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MOA
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No. ONGC/ JRT/HSE/Clarification Mining Plan/NRAF

Dated: 10.09.2018

From: A K RASTOGI, DGM (P), Head HSE, Jorhat Asset, Assam
To : Nodal Officer, Aranya Bhawan, Panjabari, Guwahati, Assam.
Subject: Clarification regarding Mining Plan

Mining Plan for development well is prepared after careful consideration of the reserves of oil and gas are available, formation pressure, temperature and reservoir condition. Also mode for oil recovery is a factor while making a mining plan.

Mining Plan is prepared by subsurface team which consists of Reservoir Engineers. Mining Plan and Approved mining plan for development wells are same.

Mining Plan for NRDH and NRDG are enclosed. Well nos. NRDE is a water injection well for which mining plan is required. A clarification regarding same is enclosed.

Submitted for your information please.

AJAY K RASTOGI
DGM (P), Head HSE,
Jorhat Asset, Jorhat

10/9/18



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TO WHOMSOEVER IT MAY CONCERN

ONGC drills water and gas injector wells, the purpose of injector wells are for maintenance of reservoir pressure. This also help in production enhancement. Hence, for water and gas injector wells production profiles are not envisaged unlike producer wells, moreover as there is no production from these wells, techno economics and production mining plans are not being worked out as it is not required.

The development location NRDE is water injector which falls under Dayang Reserve Forest of Golaghat District.


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