Economic analysis of proposed location, KHDF in Barail Sand of Khoraghat field

1. Details of capital expenditure (Rs. in Crores)

YEAR	Line	Wells	Faci cost Rs Cr	Line Cost Rs Cr	Well Cost Rs Cr	Total Cost Rs Cr
			0	0.00	0.00	0.00
2015-16	0	0	0	0.00	25.00	25.00
2016-17	0	1	0	0.00	0.00	0.00
2017-18	0	0				25.00
	1	1				

CAPEX	25.00	Crores
IRR	42	%
PAY OUT PERIOD	4	Years
NPV	12.20	Crores

2. Cash flow analysis

YEAR		t/A	Mm³/A	REVENUE Rs in Cr Oil	Gas	Total	CAPEX Rs. Cr.	OPEX Rs. Cr.	Deprn	Depln	PBT Rs. Cr.	Cum. Pbt	PAT	Net Inflow	Disc Fac., %	Disc Rev Rs Cr	Cum. PDV Rs Cr.
2015-16	1	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
2016-17	2	4654	1330	7.33	0.98	8.31	25.00	1.26	0.00	25.00	-17.94	-17.94	-17.94	-17.94	0.88	-15.74	-15.74
2017-18	3	8377	2395	13.19	1.77	14.96	0.00	2.44	0.00	0.00	12.52	-5.43	12.52	12.52	0.77	9.63	-6.11
2018-19	4	7120	2036	11.21	1.51	12.72	0.00	2.24	0.00	0.00	10.47	5.05	8.78	8.78	0.67	5.93	-0.18
2019-20	5	6052	1730	9.53	1.28	10.81	0.00	2.06	0.00	0.00	8.75	13.80	5.82	5.82	0.59	3.45	3.27
2020-21	6	5144	1471	8.10	1.09	9.19	0.00	1.89	0.00	0.00	7.30	21.10	4.85	4.85	0.52	2.52	5.79
2021-22	7	4373	1250	6.88	0.93	7.81	0.00	1.73	0.00	0.00	6.08	27.17	4.04	4.04	0.46	1.84	7.63
2022-23	8	3717	1063	5.85	0.79	6.64	0.00	1.59	0.00	0.00	5.05	32.22	3.36	3.36	0.40	1.31	8.97
2023-24	9	3159	903	4.97	0.67	5.64	0.00	1.46	0.00	0.00	4.18	36.40	2.78	2.78	0.35	0.97	9.94
2024-25	10	2685	768	4.23	0.57	4.80	0.00	1.34	0.00	0.00	3.45	39.85	2.30	2.30	0.31	0.71	10.65
2025-26	11	2283	653	3.59	0.48	4.08	0.00	1.23	0.00	0.00	2.84	42.70	1.89	1.89	0.27	0.51	11.16
2026-27	12	1940	555	3.05	0.41	3.47	0.00	1.13	0.00	0.00	2.33	45.03	1.55	1.55	0.24	0.37	11.53
2027-28	13	1649	471	2.60	0.35	2.95	0.00	1.04	0.00	0.00	1.91	46.94	1.27	1.27	0.21	0.26	11.79
2028-29	14	1402	401	2.21	0.30	2.50	0.00	0.95	0.00	0.00	1.55	48.49	1.03	1.03	0.18	0.19	11.98
2029-30	15	1192	341	1.88	0.25	2.13	0.00	0.87	0.00	0.00	1.25	49.74	0.83	0.83	0.16	0.13	12.11
2030-31	16	1013	290	1.59	0.21	1.81	0.00	0.80	0.00	0.00	1.01	50.75	0.67	0.67	0.14	0.09	12.20
		54760	15365	84.62	11.37	95.99	25.00	21.25						33.75			

Net Oil Price / bbl, USD = 53

Gas Price / Mm³, Rs = 7400

Stock Tank Oil Gravity = 0.85

Other basis :

*OPEX of Rs 2500 / t, Eescalated @ 8% per year thereafter

Disc. Factor @12 % for PDV calculation

1 US $ = 63.88

16.10.15

S. J. BHURIA

CE (Civil), I/C LAQ

A&AAB, ONGC, Jorhat

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