

VEDL/Sec./SE/24-25/66

June 11, 2024

BSE Limited  
Phiroze Jeejeebhoy Towers  
Dalal Street, Fort  
Mumbai – 400 001

National Stock Exchange of India Limited  
Exchange Plaza, 5<sup>th</sup> Floor Plot No., C/I, G Block  
Bandra-Kurla Complex, Bandra (East),  
Mumbai – 400 051

**Scrip Code: 500295**

**Scrip Code: VEDL**

**Sub: Disclosure under Regulation 30 of Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015 (“Listing Regulations”), as amended**

Dear Sir/Ma’am,

Pursuant to Regulation 30 of Listing Regulations, as amended, please find the enclosed press release titled “**Cairn Oil & Gas commences India’s largest commercial ASP injection in Mangala, Rajasthan**”.

We request you to take the above on record.

Thanking you.

Yours faithfully,  
**For Vedanta Limited**

**Prerna Halwasiya**  
**Company Secretary and Compliance Officer**

Enclosed: As above

**VEDANTA LIMITED**

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CIN: L13209MH1965PLC291394

**Press Release**

**Cairn Oil & Gas commences India's largest commercial ASP injection in Mangala, Rajasthan**

*Implements first commercial Alkaline Surfactant Polymer (ASP) flooding in high oil viscosity Mangala field in Barmer, Rajasthan, to enhance recovery from the matured field*

**New Delhi; June 11, 2024:** Cairn Oil & Gas, India's largest private oil and gas exploration and production company, part of Vedanta Group, has announced the implementation of ASP flooding in the Mangala oil field in Barmer, Rajasthan, marking the largest commercial injection implemented in any oil and gas field in India, and amongst the very few done globally. This milestone highlights Cairn's ability to innovate technology breakthroughs that help recovery from matured fields and accelerate future field development, enabling it to achieve its goal of contributing 50 per cent of India's oil and gas production.

Alkaline Surfactant Polymer (ASP) is one of the most unique Enhanced Oil Recovery methods where polymer and surfactants are injected into the matured fields to increase recovery. The injection of ASP allows an increase in recovery in matured fields by up to 60% using polymers and surfactants, instead of just 40% using polymers alone.

Cairn implemented this largest commercial injection at the MWP-1 & 19 ASP Project site in the Mangala field. The efforts are expected to yield about 20% additional oil recovery in the targeted area.

Over three decades, Cairn has been at the forefront of technology innovations in E&P operations in India. Its highest-producing Mangala Bhagyam Aishwariya (MBA) fields in Barmer, have witnessed significant innovations driven by Cairn's team of experts and global partners.

Earlier, Cairn had successfully conducted an ASP flood pilot following which, a Field Development Plan (FDP) was submitted and approved. Moving forward, this technology will be expanded to other fields in the Rajasthan block.

**Dr. Steve Moore, Deputy Chief Executive Officer, Cairn Oil & Gas, Vedanta** said: *"In line with our commitment to boost India's domestic oil & gas production, we are proud to pioneer the implementation of ASP flooding technology in our flagship Mangala oil field. This innovation is a testament to our commitment to maximising recovery from mature fields, using advanced technologies. This is a big milestone for us and our JV partner, keeping Cairn at the leading edge of technology application worldwide".*

The commercial implementation of ASP flooding marks a pioneering achievement in India's hydrocarbon landscape. Such technological deployments allow the company to support India's transition from import reliance to energy self-sufficiency.

### **About Cairn Oil & Gas**

Cairn Oil & Gas, part of Vedanta Limited, is India's largest private oil and gas exploration and production company, contributing about a quarter of India's domestic crude oil production and driving energy security for India in a sustainable and responsible way.

With a world-class resource base, the company has an interest in 62 blocks in India spread over 60,000 square kilometres with gross 2P (Gross Proved Plus Probable Reserves) and 2C (Gross Contingent Reserves) of 1.4 bn boe. A pioneer in exploration and production, Cairn has spearheaded technological innovation with high-reward prospects. The company has producing assets across Rajasthan, Andhra Pradesh, Gujarat, and Assam. Over the last 30 years, Cairn has opened four frontier basins with numerous discoveries. Cairn is executing the largest exploration project by any private company in India, reinstating the faith in the country's hydrocarbon potential.

### **About Vedanta Limited**

Vedanta Limited ("Vedanta"), a subsidiary of Vedanta Resources Limited, is one of the world's leading natural resources companies spanning across India, South Africa, Namibia, Liberia, UAE, Saudi Arabia, Korea, Taiwan and Japan with significant operations in Oil & Gas, Zinc, Lead, Silver, Copper, Iron Ore, Steel, Nickel, Aluminium, Power & Glass Substrate and foraying into electronics and display glass manufacturing. For two decades, Vedanta has been contributing significantly to nation building. Governance and sustainable development are at the core of Vedanta's strategy, with a strong focus on health, safety, and environment. Vedanta has put in place a comprehensive framework to be the ESG leader in the natural resources sector, is committed to reducing carbon emissions to net zero by 2050 or sooner and aims to spend \$5 billion over the next 10 years to accelerate this transition. Giving back is in the DNA of Vedanta, which is focused on enhancing the lives of local communities. Anil Agarwal Foundation, the umbrella entity for Vedanta's social initiatives, has pledged Rs 5000 crore over the next five years on various social impact programs and its flagship project, Nand Ghar is setting up model anganwadis across India. Vedanta Ltd. ranked 3rd in the S&P Global Corporate Sustainability Assessment 2023, and has been listed in the Dow Jones Sustainability World Index. The company has also been certified as a Great Place to Work 2023. Vedanta Limited is listed on the Bombay Stock Exchange and the National Stock Exchange.

For more information, please visit [www.cairnindia.com](http://www.cairnindia.com) / [www.vedantalimited.com](http://www.vedantalimited.com)

### **For any media queries, please contact:**

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