

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

July 29, 2022

Christopher Conoscenti Chief Executive Officer Sitio Royalties Corp. 1401 Lawrence St Suite 1750 Denver, CO 80202

Re: Sitio Royalties Corp.

Registration Statement on Form S-3

Filed July 18, 2022 File No. 333-266182

Dear Mr. Conoscenti:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Arthur Tornabene-Zalas at (202) 551-3162 or Kevin Dougherty, Staff Attorney, at (202) 551-3271 with any questions.

Sincerely,

Division of Corporation Finance Office of Energy & Transportation

cc: Raleigh Wolfe, Esq.