

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 1
TO
FORM S-3
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

RAYONIER TRS HOLDINGS INC.
RAYONIER INC.
AND
RAYONIER OPERATING COMPANY LLC
(Exact name of registrant as specified in its charter)

Delaware
North Carolina
Delaware
(State or other jurisdiction of incorporation or organization)

20-0392883
13-2607329
27-2793120
(I.R.S. Employer Identification Number)

50 North Laura Street
Jacksonville, Florida 32202
(904) 357-9100
(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Michael R. Herman, Esq.
Vice President, General Counsel and Assistant Secretary
50 North Laura Street
Jacksonville, Florida 32202
(904) 357-9100
(Name, address, including zip code, and telephone number, including area code, of agent for service)

copy to:
David H. Stone, Esq.
Vinson & Elkins L.L.P.
First City Tower
1001 Fannin Street
Suite 2500
Houston, TX 77002-6760
(713) 758-2222

Approximate date of commencement of proposed sale to the public: From time to time after this registration statement becomes effective, as determined by market conditions and other factors.

If the only securities being registered on this form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this form is a post effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer Accelerated filer
 Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company

CALCULATION OF REGISTRATION FEE

title of each class of securities to be registered	amount to be registered (1)(2)	Proposed maximum aggregate offering price per unit	Proposed maximum aggregate offering price (1)(2)	Amount of registration fee
4.50% Senior Exchangeable Notes due 2015 of Rayonier TRS Holdings Inc.	\$172,500,000	100% (3)	\$172,500,000 (3)	N/A (4)
Common Shares, zero par value, of Rayonier Inc. (5)	3,433,698	N/A	N/A	N/A
Guarantees of Rayonier Inc.	N/A	N/A	N/A	N/A (6)
Guarantees of Rayonier Operating Company LLC.	N/A	N/A	N/A	N/A (6)
Total	\$172,500,000		\$172,500,000	\$9,626

- (1) Represents the aggregate principal amount of 4.50% Senior Exchangeable Notes due 2015 that Rayonier TRS Holdings Inc. and Rayonier Inc. sold in a private placement on August 12, 2009 and registered pursuant to such Registrant's Registration Statement on Form S-3 (Registration No. 333-162959), filed with the Securities and Exchange Commission on November 6, 2009, to which this amendment relates.
- (2) Estimated solely for purposes of calculating the registration fee pursuant to Rule 457 under the Securities Act of 1933, as amended, or the Securities Act.
- (3) Exclusive of accrued interest, distributions and dividends, if any.
- (4) Previously paid on November 6, 2009 in connection with the initial filing of the Registration Statement on Form S-3, to which this amendment relates.
- (5) The Registrants will receive no separate consideration upon exchange of the notes. Therefore, pursuant to Rule 457(i), no filing fee is required with respect to the common shares registered hereby. Represents the maximum number of common shares that may be issued upon exchange of the notes registered hereby. In addition to the common shares set forth in the table above, pursuant to Rule 416 under the Securities Act, the Registrants are registering an indeterminate number of common shares issuable upon exchange of the notes by means of an antidilution adjustment of the conversion price pursuant to the terms of the notes.
- (6) No separate consideration will be received for any guarantee of debt securities; accordingly pursuant to Rule 457(n) of the Securities Act of 1933, as amended, no separate filing fee is required.

Explanatory Note

This Registration Statement is a post-effective amendment to the Registration Statement on Form S-3 (Registration No. 333-162959), initially filed on November 6, 2009 by Rayonier TRS Holdings Inc. and Rayonier Inc. (the "Registration Statement"). The Registration Statement is being filed to (i) add Rayonier Operating Company LLC, a Delaware limited liability company and wholly-owned subsidiary of Rayonier Inc., as a co-registrant that is a guarantor of the debt securities with respect to which offers and sales are registered under the Registration Statement and (ii) amend the Exhibit Index to file a supplemental indenture to the Indenture dated August 12, 2009. No changes or additions are being made hereby to the base prospectus that already forms a part of the Registration Statement. Accordingly, such base prospectus is being omitted from this filing.

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth the estimated expenses in connection with the issuance and distribution of the notes and underlying Rayonier Inc. common shares being registered hereby. All of the amounts shown are estimates, except the SEC registration fee. All of the expenses will be borne by us, except as otherwise indicated.

SEC registration fee under the Securities Act	\$ 9,626
Printing and engraving expenses*	5,000
Legal fees and expenses*	25,000
Accountants' fees and expenses*	20,000
Fees and expenses of trustees*	15,000
Miscellaneous costs*	50,000
Total	\$ 124,626

* Estimated solely for the purpose of this Item. Actual expenses may be more or less.

Item 15. Indemnification of Directors and Officers.

Rayonier TRS Holdings Inc.

Section 102 of the Delaware General Corporation Law, or the DGCL, allows a corporation to eliminate the personal liability of directors of a corporation to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except where the director breached the duty of loyalty, failed to act in good faith, engaged in intentional misconduct or knowingly violated a law, authorized the payment of a dividend or approved a stock repurchase in violation of Delaware corporate law or obtained an improper personal benefit.

Section 145 of the DGCL provides for the indemnification of officers, directors and other corporate agents in terms sufficiently broad to indemnify such persons under circumstances for liabilities (including reimbursement for expenses incurred) arising under the Securities Act. Our certificate of incorporation and bylaws provide for indemnification of our officers, directors, employees and agents to the extent and under the circumstances permitted under the Delaware General Corporation Law.

Our articles of incorporation and bylaws obligate us, to the maximum extent permitted by Delaware law, to indemnify our directors and officers against all liabilities and expenses (including reasonable attorney's fees) incurred in connection with any suit or proceeding. This right to indemnification includes the right of a director or officer to be paid expenses in advance of the final disposition of any proceeding upon receipt of an undertaking to repay such amount.

We have in effect insurance policies indemnifying our directors and officers and those of our subsidiaries, against civil liabilities of such directors and officers.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers or persons controlling the Registrant pursuant to the foregoing provisions, the Registrant has been informed that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable.

Rayonier Inc.

Sections 55-8-50 through 55-8-58 of the North Carolina Business Corporation Act contain specific provisions relating to indemnification of directors and officers of North Carolina corporations. In general, the statutes provide that (1) a corporation must indemnify a director or officer who is wholly successful, on the merits or otherwise, in his defense of a proceeding or a threatened proceeding to which he is a party or a threatened party because of his status as such, except to the extent limited or eliminated in the corporation's articles of incorporation, and (2) a corporation may, but is not required to, indemnify a director or officer if he is not wholly successful in

such defense, if it is determined that the director or officer meets certain standards of conduct, provided, however, when a director or officer is liable to the corporation or is adjudged liable on the basis that personal benefit was improperly received by him, the corporation may not indemnify him. A director or officer of a corporation who is a party to a proceeding may also apply to the courts for indemnification, unless the articles of incorporation provide otherwise, and the court may order indemnification in certain circumstances set forth in the statute. A corporation may, in its articles of incorporation or bylaws or by contract or resolution, provide indemnification in addition to that provided by statute, subject to certain conditions.

Our articles of incorporation obligate us, to the maximum extent permitted by North Carolina law, to indemnify our directors and officers against all liabilities and expenses (including reasonable attorney's fees) incurred in connection with any suit or proceeding. This right to indemnification includes the right of a director or officer to be paid expenses in advance of the final disposition of any proceeding upon receipt of an undertaking to repay such amount. Our articles of incorporation also provide that, to the full extent permitted by law, a director shall not be personally liable for monetary damages for breach of any duty as a director.

Reference is made to Article VI and Article VII of our Amended and Restated Articles of Incorporation filed as an exhibit to our Current Report on Form 8-K filed on May 25, 2010.

We have in effect insurance policies indemnifying our directors and officers and those of our subsidiaries, against civil liabilities of such directors and officers.

In addition, we have indemnification agreements in effect between us and each of our directors.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers or persons controlling the Registrant pursuant to the foregoing provisions, the Registrant has been informed that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable.

Rayonier Operating Company LLC

Section 18-108 of the Delaware Limited Liability Company Act provides that, subject to the standards and restrictions, if any, as are described in its limited liability company agreement, a limited liability company may, and shall have the power to, indemnify and hold harmless any member or manager or other person from and against any and all claims and demands whatsoever.

Our limited liability company agreement obligates us, to the fullest extent permitted by law, to indemnify our members and officers against all liabilities and expenses (including reasonable attorney's fees) incurred in connection with any suit or proceeding. This right to indemnification includes the right of a member or officer to be paid expenses in advance of the final disposition of any proceeding upon receipt of an undertaking to repay such amount.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers or persons controlling the Registrant pursuant to the foregoing provisions, the Registrant has been informed that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable.

Item 16. Exhibits.

Exhibit Number	Description
4.2**	Indenture related to the 4.50% Senior Exchangeable Notes due 2015, dated as of August 12, 2009, among Rayonier TRS Holdings Inc., as issuer, Rayonier Inc., as guarantor, and The Bank of New York Mellon Trust Company, N.A., as trustee (incorporated by reference to Exhibit 4.1 to Rayonier Inc.'s Current Report on Form 8-K filed on August 12, 2009)

4.3**	Registration Rights Agreement, dated August 12, 2009 among Rayonier TRS Holdings Inc. and Rayonier Inc. and Credit Suisse Securities (USA) LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and J.P. Morgan Securities Inc. (incorporated by reference to Exhibit 4.2 to Rayonier Inc.'s Current Report on Form 8-K filed on August 12, 2009)
4.4*	First Supplemental Indenture, dated as of July 29, 2010, among Rayonier TRS Holdings Inc., Rayonier Inc., Rayonier Operating Company LLC and The Bank of New York Trust Company, N.A., related to the Indenture dated as of August 12, 2009 (Incorporated by reference to Exhibit 10.11 to the Registrant's Form 10-Q filed on July 30, 2010)
5.1**	Opinion of Vinson & Elkins L.L.P., as to the validity of the notes and the guarantee
5.2**	Opinion of Alston & Bird LLP, as to the validity of the common shares
5.3*	Opinion of Vinson & Elkins L.L.P., as to the validity of the guarantee covered by Post-Effective Amendment No. 1 to Form S-3
8.1**	Opinion of Vinson & Elkins L.L.P., with respect to certain tax matters
12.1**	Statement of Computation of Ratios
23.1*	Consent of Deloitte & Touche LLP, independent registered public accounting firm
23.2**	Consent of Alston & Bird LLP (included in Exhibit 5.2)
23.3**	Consent of Vinson & Elkins L.L.P. (included in Exhibit 5.1 and 8.1)
23.4*	Consent of Vinson & Elkins L.L.P. (included in Exhibit 5.3)
24.1*	Powers of Attorney (included in signature page)
25.1**	Form T-1 Statement of Eligibility under the Trust Indenture Act of 1939 of The Bank of New York Trust Company, N.A.

* Filed herewith

** Previously filed as an Exhibit to the Registration Statement

Item 17. Undertakings.

A. The undersigned registrants hereby undertake:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(a) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(b) To reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of the prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;

(c) To include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to the information in this registration statement;

provided, however, that paragraphs A(1)(a), A(1)(b) and A(1)(c) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in this registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, each of the post-effective amendments shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of the securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

B. The undersigned registrants hereby undertake that, for purposes of determining any liability under the Securities Act, each filing of its annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in this registration statement shall be deemed to be a new registration statement relating to the securities offered herein, and the offering of the securities at that time shall be deemed to be the initial bona fide offering thereof.

C. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers, and controlling persons of the registrants pursuant to the provisions described in Item 15 above, or otherwise, the registrant has been advised that in the opinion of the SEC that indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against any liability (other than the payment by the registrant of expenses incurred or paid by a director, officer, or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by a director, officer, or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of the issue.

D. The undersigned registrants hereby undertake:

(1) For purposes of determining any liability under the Securities Act, the information omitted from the form of prospectus or any prospectus supplement filed as part of this registration statement in reliance on Rule 430A and contained in a form of prospectus or prospectus supplement filed by the registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act shall be deemed to be part of this registration statement as of the time it was declared effective.

(2) For the purpose of determining any liability under the Securities Act, each post-effective amendment that contains a form of prospectus or prospectus supplement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

Signature

Title at Rayonier Inc.

*

Director

Carl S. Sloane

*

Director

Ronald Townsend

*By: /s/ HANS E. VANDEN NOORT

Hans E. Vanden Noort
Attorney-in-Fact

INDEX TO EXHIBITS

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* Filed herewith

** Previously filed as an Exhibit to the Registration Statement

July 30, 2010

Rayonier TRS Holdings Inc.
50 North Laura Street
Jacksonville, Florida 32202

Rayonier Inc.
50 North Laura Street
Jacksonville, Florida 32202

Rayonier Operating Company LLC
50 North Laura Street
Jacksonville, Florida 32202

Ladies and Gentlemen:

We have acted as special counsel to Rayonier TRS Holdings Inc., a Delaware corporation (the "Company"), Rayonier Inc., a North Carolina corporation ("Rayonier"), and Rayonier Operating Company LLC, a Delaware limited liability company ("ROC"), in connection with the preparation of Post-Effective Amendment No. 1 ("Amendment No. 1"), filed on the date hereof with the Securities and Exchange Commission (the "Commission") by the Company, Rayonier and ROC under the Securities Act of 1933, as amended (the "Securities Act"), to the Registration Statement on Form S-3 (No. 333-162959) (as amended, the "Registration Statement"), to which this opinion is an exhibit. Amendment No. 1 relates to the addition of ROC as a guarantor of the 4.50% Senior Exchangeable Notes due 2015 of the Company (the "Notes"). The Notes were issued pursuant to, and governed by, an Indenture dated as of August 12, 2009, as amended by the First Supplemental Indenture dated as of July 29, 2010 (as amended, the "Indenture"), among the Company, Rayonier, ROC and The Bank of New York Mellon Trust Company, N.A., as Trustee (the "Trustee").

We have examined the Registration Statement, the Indenture and the form of the Notes, which have been filed with the Commission as exhibits to the Registration Statement. We also have examined the originals, or duplicates or certified or conformed copies, of such records, agreements, instruments and other documents and have made such other and further investigations as we have deemed relevant and necessary in connection with the opinions expressed herein. As to questions of fact material to this opinion, we have relied upon certificates of public officials and of officers and representatives of the Company, Rayonier and ROC.

In rendering the opinions set forth below, we have assumed the genuineness of all signatures, the legal capacity of natural persons, the authenticity of all documents submitted to us

as originals, the conformity to original documents of all documents submitted to us as duplicates or certified or conformed copies, and the authenticity of the originals of such latter documents. We also have assumed that the Indenture is the valid and legally binding obligation of the Trustee.

Based upon the foregoing, and subject to the qualifications and limitations stated herein, we are of the opinion that the guarantee of the Notes by ROC has been duly authorized and constitutes a valid and legally binding obligation of ROC, enforceable against ROC in accordance with its terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability relating to or affecting creditors' rights and to general equity principles and implied covenants of good faith and fair dealing.

We express no opinion with respect to the enforceability of provisions in the Indenture or the Notes with respect to delay or omission of enforcement of rights or remedies, or waivers of defenses, or waivers of benefits of stay, extension, moratorium, redemption, statutes of limitation, or other nonwaivable benefits bestowed by operation of law. To the extent that the Company's obligation to make adjustments under Section 4.1(c) of the Indenture is considered a penalty, the enforceability thereof would be subject to general principles of reasonableness of economic remedies.

The opinions expressed herein are limited to matters arising under the laws of the State of New York, the Delaware Limited Liability Company Act and, to the extent specifically identified herein, the federal laws of the United States of America.

We hereby consent to the reference to us under the heading "Legal Matters" in the prospectus forming a part of the Registration Statement and to the filing of this opinion as an exhibit to the Registration Statement, but we do not thereby admit that we are within the class of persons whose consent is required under the provisions of the Securities Act or the rules and regulations of the Commission issued thereunder.

Very truly yours,

/s/ Vinson & Elkins L.L.P.

Vinson & Elkins L.L.P.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in this Post-effective Amendment No. 1 to Registration Statement No. 333-162959 of our reports dated February 24, 2010, relating to the financial statements and financial statement schedule of Rayonier Inc. and subsidiaries (the "Company"), and the effectiveness of the Company's internal control over financial reporting appearing in the Annual Report on Form 10-K of the Company for the year ended December 31, 2009, and to the reference to us under the heading "Experts" in such Prospectus.

/s/ Deloitte & Touche LLP

Jacksonville, Florida
July 28, 2010