As filed with the Securities and Exchange Commission on December 13, 2021

Registration No. 333-

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

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

PHX MINERALS INC.

(Exact name of registrant as specified in its charter)

Oklahoma

73-10557755

(State or other jurisdiction of incorporation or organization)

(I.R.S. Employer Identification No.)

1601 NW Expressway, Suite 1100 Oklahoma City, Oklahoma 73118 (Address of Principal Executive Offices)(Zip Code)

PHX MINERALS INC. 2021 LONG-TERM INCENTIVE PLAN (Full title of the plan)

> Chad L. Stephens Chief Executive Officer PHX Minerals Inc. 1601 NW Expressway, Suite 1100 Oklahoma City, Oklahoma 73118 (Name and address of agent for service)

(405) 948-1560 (Telephone number, including area code, of agent for service)

with copies to:

J. Kirk Tucker Jackson Walker LLP 1401 McKinney St., Suite 1900 Houston, Texas 77010 Phone: (713) 752-4389 FAX: 214-661-(6887)

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

Large accelerated filer
Non-accelerated filer

Accelerated filer \Box Smaller reporting company \boxtimes If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. \Box

Title of Securities to be Registered	Amount to be Registered(1)		Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
Class A common stock, par value \$0.01666 per share	2,500,000	\$2.56(2)	\$6,400,000(2)	\$593.28

CALCULATION OF REGISTRATION FEE

(1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this registration statement on Form S-8 (this "Registration Statement") also covers additional shares of Class A common stock, par value \$0.01666 per share (the "Common Stock"), of PHX Minerals Inc. (the "Registrant" or the "Company") that may become issuable under the PHX Minerals Inc. 2021 Long-Term Incentive Plan by reason of any stock dividend, stock split, recapitalization or other similar transaction effected which results in an increase in the number of outstanding shares of the Common Stock.

(2) Estimated in accordance with Rule 457(h) under the Securities Act solely for the purpose of calculating the registration fee on the basis of the average of the high (\$2.65 per share) and low (\$2.47 per share) prices reported for the Common Stock on the New York Stock Exchange on December 8, 2021.

EXPLANATORY NOTE

This Registration Statement on Form S-8 of PHX Minerals Inc. has been prepared in accordance with the requirements of Form S-8 under the Securities Act to register 2,500,000 shares of Common Stock reserved for future issuance to employees, directors and consultants of the Company under the PHX Minerals Inc. 2021 Long-Term Incentive Plan.

PART I

INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

As permitted by the rules of the United States Securities and Exchange Commission (the "Commission") and in accordance with the note to Part I of Form S-8, this Registration Statement omits the information specified in Part I of Form S-8. Documents containing such information will be sent or given to participants in the employee benefit plan, as defined in Rule 405 under the Securities Act, covered by this Registration Statement as required by Rule 428(b)(1) under the Securities Act. Those documents are not being filed with the Commission as part of this Registration Statement or as a prospectus or prospectus supplement pursuant to Rule 424 under the Securities Act. Those documents, and the documents incorporated by reference in this Registration Statement pursuant to Item 3 of Part II hereof, taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

ITEM 3. INCORPORATION OF DOCUMENTS BY REFERENCE.

The following documents, previously filed with the Commission, are hereby incorporated by reference into this Registration Statement:

- (a) The Registrant's Annual Report on Form 10-K for the fiscal year ended September 30, 2021, as filed with the Commission on December 13, 2021;
- (b) The Registrant's Current Reports on Form 8-K (other than information furnished rather than filed) filed with the Commission on <u>October 6, 2021</u>, <u>November 12, 2021</u>, <u>December 1, 2021</u> and <u>December 9, 2021</u>; and
- (c) The description of the Registrant's Common Stock contained in the section entitled "<u>Description of Registrant's Securities to be Registered</u>", included in the Registrant's Form 8-A, filed with the Commission on <u>July 21, 2008</u> (File No. 001-31759) pursuant to Section 12(b) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), including any amendment or report filed for the purpose of updating such description.

In addition, all reports and other documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act prior to the filing of a post-effective amendment that indicates that all securities offered hereby have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference herein and to be a part hereof from the date of filing of such document. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such

statement. The statements required to be so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Notwithstanding the foregoing provisions of this Item 3, no document or report, or portion of or exhibit to a document or report, that is "furnished" to (rather than "filed" with) the Commission shall be incorporated or deemed to be incorporated by reference in this Registration Statement.

ITEM 4. DESCRIPTION OF SECURITIES.

Not applicable.

ITEM 5. INTERESTS OF NAMED EXPERTS AND COUNSEL.

Not applicable.

ITEM 6. INDEMNIFICATION OF DIRECTORS AND OFFICERS.

Section 1031 of the Oklahoma General Corporation Act, or OGCA, sets forth circumstances under which directors, officers, employees and agents may be insured or indemnified against liability which they may incur in their capacities.

Article IX of our Bylaws provides that we shall indemnify any individual who is or was our director, officer or employee, and each of our directors, officers or employees who serves or served at our request as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, against all expenses (including attorneys' fees) actually and reasonably incurred by, or imposed upon, him or her in connection with any proceeding in which the individual is made a party as a result of his or her service in such capacity, if the individual acted in good faith and in a manner reasonably believed to be in, or not opposed to, our best interests and, with respect to any criminal proceeding, he or she had no reasonable cause to believe the conduct was unlawful, unless such indemnification would be prohibited by law. An individual will not be indemnified in connection with a proceeding by or in our right in which the individual was adjudged liable to us, unless the court in which the suit was brought determines the individual is fairly and reasonably entitled to indemnification in view of all of the relevant circumstances.

We have entered into indemnity agreements with each of our executive officers and our directors. These agreements provide for indemnification to the extent permitted by the OGCA. We also maintain a policy of directors' and officers' liability insurance that insures our directors and officers against the cost of defense, settlement or payment of a judgment under certain circumstances.

Neither our Bylaws nor our Certificate of Incorporation include any specific indemnification provisions for our officers or directors against liability under the Securities Act. Additionally, insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Company pursuant to the foregoing provisions, or otherwise, the Company has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.

ITEM 7. EXEMPTION FROM REGISTRATION CLAIMED.

Not applicable.

ITEM 8. EXHIBITS.

The Exhibits to this Registration Statement are listed in the Exhibit Index below, which is incorporated herein by reference.

ITEM 9. UNDERTAKINGS.

(a) The undersigned Registrant hereby undertakes:

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

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

(ii) 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 prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in this Registration Statement or any material change to such information in this Registration Statement;

provided, however, that the undertakings set forth in paragraphs (a)(1)(i) and (a)(1)(i) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this Registration Statement;

(2) That, for the purpose of determining any liability under the Securities Act, each such posteffective amendment 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; and

(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 Registrant hereby further undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's 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) under 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 therein, and the offering of such securities at the 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 Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (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 such 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 such

indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issues.

SIGNATURES

Pursuant to the requirements of the Securities Act, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Oklahoma City, Oklahoma, on December 13, 2021.

PHX MINERALS INC.

By:/s/ Chad L. Stephens Chad L. Stephens Chief Executive Officer

(Principal Executive Officer)

POWER OF ATTORNEY

Each person whose individual signature appears below hereby authorizes and appoints Chad L. Stephens and Ralph D'Amico, and each of them, with full power of substitution and resubstitution and full power to act without the other, as his or her true and lawful attorney-in-fact and agent to act in his or her name, place and stead and to execute in the name and on behalf of each person, individually and in each capacity stated below, and to file any and all amendments to this Registration Statement, including any and all post-effective amendments and amendments thereto, and any subsequent registration statement relating to the same offering as this Registration Statement that is to be effective upon filing pursuant to Rule 462(b) under the Securities Act, and to file the same, with all exhibits thereto, and agents, and each of them, full power and authority to do and perform each and every act and thing, ratifying and confirming all that said attorneys-in-fact and agents or any of them or their or his substitute or substitutes may lawfully do or cause to be done by virtue thereof.

Signature	Title	Date
/s/ Chad L. Stephens Chad L. Stephens	- Chief Executive Officer and Director (Principal Executive Officer)	December 13, 2021
/s/ Ralph D'Amico Ralph D'Amico	Chief Financial Officer, Treasurer, and Secretary (Principal Financial and Accounting Officer)	December 13, 2021
/s/ Mark T. Behrman Mark T. Behrman	Lead Independent Director	December 13, 2021
/s/ Lee M. Canaan Lee M. Canaan	Director	December 13, 2021
/s/ Peter B. Delaney Peter B. Delaney	Director	December 13, 2021
/s/ Christopher T. Fraser	Director	December 13, 2021

Pursuant to the requirements of the Securities Act, this Registration Statement has been signed by the following persons on behalf of the Registrant and in the capacities and on the dates indicated:

Christopher T. Fraser

/s/ John H. Pinkerton Director John H. Pinkerton

Director

December 13, 2021

/s/ Glen A. Brown

Glen A. Brown

December 13, 2021

EXHIBIT INDEX

Exhibit <u>Number</u>	Description
4.1*	Amended and Restated Certificate of Incorporation of PHX Minerals Inc. (incorporated by reference to Exhibit 3.1 to the Registrant's Annual Report on Form 10-K filed December 13, 2021).
4.2*	Amended and Restated Bylaws of PHX Minerals Inc. (incorporated by reference to Exhibit 3.2 to the Registrant's Current Report on Form 8-K filed October 13, 2020).
5.1	Opinion of Jackson Walker LLP (filed herewith).
10.1*	PHX Minerals Inc. 2021 Long-Term Incentive Plan (incorporated by reference to Appendix B to the Registrant's Definitive Proxy Statement on Schedule 14A filed January 21, 2021).
23.1	Consent of Ernst & Young LLP (filed herewith).
23.2	Consent of DeGolyer and MacNaughton (filed herewith).
23.3	Consent of Jackson Walker LLP (included in Exhibit 5.1).
24.1	Power of Attorney (included on the signature page to this Registration Statement).

* Incorporated by reference as indicated.



December 13, 2021

PHX Minerals Inc. 1601 NW Expressway, Suite 1100 Oklahoma City, Oklahoma 73118

Re: Registration Statement on Form S-8

Ladies and Gentlemen:

We have acted as counsel to PHX Minerals Inc., an Oklahoma corporation (the "Company"), in connection with its Registration Statement on Form S-8 (the "Registration Statement") filed under the Securities Act of 1933, as amended (the "Act"), relating to the registration of the offer and sale of up to 2,500,000 shares (the "Shares") of its Class A common stock, par value \$0.01666 per share ("Common Stock"), reserved for issuance under that certain PHX Minerals Inc. 2021 Long-Term Incentive Plan (the "Plan").

This opinion letter is being delivered in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Act.

We have examined and relied upon the originals or certified copies of all documents, certificates and instruments as we have deemed necessary for the purposes of the opinions expressed herein, including the Registration Statement, the Certificate of Incorporation and Bylaws of the Company, each as restated and/or amended to date, certain resolutions adopted by the Board of Directors and the shareholders of the Company and copies of the Plan. In making the foregoing examinations, we have assumed without independent verification: (i) the genuineness and authenticity of all signatures on original documents; (ii) the authenticity of all documents submitted to us as originals; (iii) the conformity to originals of all documents submitted to us as copies; (iv) the accuracy, completeness, and authenticity of certificates of public officials; and (v) that each natural person signing any document reviewed by us had the legal capacity to do so. As to certain factual matters, we have relied upon a certificate of officers of the Company and have not independently sought to verify such matters.

We have assumed that (i) at the time of issuance of any Shares, there shall be a sufficient number of duly authorized and unissued shares of Common Stock to accommodate such issuance; (ii) appropriate action will be taken to register and qualify the Shares for sale under all applicable state securities laws; (iii) the Shares to be sold are issued in accordance with the terms of the Plan; (iv) the Company receives the full consideration for the Shares as stated in the Plan; and (v) the per share consideration for each Share includes payment of cash or other lawful consideration at least equal to the par value of the Company's Common Stock. It is understood that this opinion is PHX Minerals Inc. December 13, 2021 Page 2

to be used only in connection with the offer and sale of the Shares while the Registration Statement is still in effect.

Based solely upon the foregoing, and subject to the qualifications, assumptions and other statements set forth herein, we are of the opinion that each Share that is newly issued pursuant to the Plan will be validly issued, fully paid and nonassessable when (a) the Registration Statement shall have become effective under the Act, (b) such Share shall have been duly issued and delivered in the manner contemplated by and in accordance with the Plan, and (c) a certificate in due and proper form representing such Share shall have been duly executed, countersigned, registered and delivered to the person entitled thereto against payment of the agreed consideration therefor (in an amount not less than the par value thereof) in accordance with the Plan or, if any such Share is to the person entitled thereto against payment of the agreed consideration therefor (in an amount not less than the par value thereof) in accordance with the Plan.

We are opining herein solely as to the Oklahoma General Corporation Act of the State of Oklahoma. We express no opinion as to the laws, rules or regulations of any other jurisdiction, including, without limitation, the federal laws of the United States of America or any state securities or blue sky laws. This opinion is expressed as of the date hereof, and we disclaim any undertaking to advise you of any subsequent changes in the facts stated or assumed herein or of any subsequent changes in applicable law. We note that our legal opinion is an expression of professional judgment and is not a guarantee of result.

This opinion is for your benefit in connection with the Registration Statement and may be relied upon by you and by persons entitled to rely upon it pursuant to the applicable provisions of the Act. We hereby consent to the use of this opinion as an Exhibit to the Registration Statement. In giving this consent, we do not admit that we come within the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Securities and Exchange Commission promulgated thereunder.

Very truly yours,

/s/ Jackson Walker LLP

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the PHX Minerals Inc. 2021 Long-Term Incentive Plan of our reports dated December 13, 2021, with respect to the financial statements of PHX Minerals Inc. and the effectiveness of internal control over financial reporting of PHX Minerals Inc. included in its Annual Report (Form 10-K) for the year ended September 30, 2021, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Oklahoma City, Oklahoma

December 13, 2021

EXHIBIT 23.2

DeGolyer and MacNaughton 5001 Spring Valley Road Suite 800 East Dallas, Texas 75244

December 13, 2021

PHX Minerals Inc. Valliance Bank Tower 1601 NW Expressway, Suite 1100 Oklahoma City, OK 73118

Ladies and Gentlemen:

We hereby consent to the incorporation by reference in the Registration Statement on Form S-8 of PHX Minerals Inc. ("PHX") to be filed with the United States Securities and Exchange Commission on or about December 13, 2021, and any amendments filed with respect thereto, of our report of third party dated October 1, 2021, with respect to estimates of reserves and future net revenue, as of September 30, 2021, of PHX, formerly Panhandle Oil and Gas, Inc., and to all references to DeGolyer and MacNaughton in the Registration Statement.

Very truly yours,

/s/ DeGolyer and MacNaughton

DeGOLYER and MacNAUGHTON Texas Registered Engineering Firm F-716