

Form 990EZ

Department of the Treasury Internal Revenue Service

Short Form Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

- Do not enter social security numbers on this form as it may be made public. Go to www.irs.gov/Form990EZ for instructions and the latest information.

OMB No. 1545-1150

2020

Open to Public Inspection

A For the 2020 calendar year, or tax year beginning 01-01-2020, and ending 12-31-2020

- B Check if applicable: Address change, Name change, Initial return, Final return/terminated, Amended return, Application pending

C Name of organization: Hotrock Energy Research Organization. Address: 4010 Stone Way N, Seattle, WA 98103.

D Employer identification number: 47-3849152. E Telephone number: (206) 217-5960. F Group Exemption Number

G Accounting Method: Cash (checked), Accrual, Other (specify)

H Check (checked) required to attach Schedule B (Form 990, 990-EZ, or 990-PF).

I Website: www.hotrockhero.org/

J Tax-exempt status (check only one): 501(c)(3) (checked), 501(c) (), 4947(a)(1) or 527

K Form of organization: Corporation (checked), Trust, Association, Other

L Add lines 5b, 6c, and 7b to line 9 to determine gross receipts. If gross receipts are \$200,000 or more, or if total assets (Part II, column (B) below) are \$500,000 or more, file Form 990 instead of Form 990-EZ. Total: \$ 189,405

Part I Revenue, Expenses, and Changes in Net Assets or Fund Balances (see the instructions for Part I)

Check if the organization used Schedule O to respond to any question in this Part I (checked)

Table with 9 rows for Revenue. Columns include description, sub-rows (5a-5c, 6a-6c, 7a-7c), and total revenue of 189,405.

Table with 7 rows for Expenses. Columns include description and total expenses of 187,404.

Table with 4 rows for Net Assets. Columns include description and total net assets of 9,188.

For Paperwork Reduction Act Notice, see the separate instructions.

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Part II Balance Sheets (see the instructions for Part II)

Check if the organization used Schedule O to respond to any question in this Part II [checked]

Table with 2 columns: (A) Beginning of year, (B) End of year. Rows include Cash, savings, and investments; Land and buildings; Other assets; Total assets; Total liabilities; Net assets or fund balances.

Part III Statement of Program Service Accomplishments (see the instructions for Part III)

Check if the organization used Schedule O to respond to any question in this Part III [unchecked]

What is the organization's primary exempt purpose? Research and development of geothermal systems

Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. In a clear and concise manner, describe the services provided, the number of persons benefited, and other relevant information for each program title.

28 Provide education and outreach, perform research and testing, and provide feasibility studies and pilot projects to move geothermal technology forward.

(Grants \$ 0) If this amount includes foreign grants, check here [unchecked]

29

(Grants \$) If this amount includes foreign grants, check here [unchecked]

30

(Grants \$) If this amount includes foreign grants, check here [unchecked]

31 Other program services (describe in Schedule O)

(Grants \$) If this amount includes foreign grants, check here [unchecked]

32 Total program service expenses (add lines 28a through 31a)

Expenses (Required for section 501(c)(3) and 501(c)(4) organizations; optional for others.)

Table with 2 columns: Line number, Amount. Rows include 28a (186,906), 29a, 30a, 31a, 32 (186,906).

Part IV List of Officers, Directors, Trustees, and Key Employees (list each one even if not compensated; see the instructions for Part IV)

Check if the organization used Schedule O to respond to any question in this Part IV [unchecked]

Table with 5 columns: (a) Name and title, (b) Average hours per week devoted to position, (c) Reportable compensation (Forms W-2/1099-MISC) (if not paid, enter -0-), (d) Health benefits, contributions to employee benefit plans, and deferred compensation, (e) Estimated amount of other compensation. Rows include Susan Petty, Jill Watz, Britt Ide, Steven Klein, Tim MacDonald.

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Part V Other Information (Note the Schedule A and personal benefit contract statement requirements in the instructions for Part V.)

Check if the organization used Schedule O to respond to any question in this Part V [unchecked]

Table with 3 columns: Question number, Yes, No. Rows include 33 (Did the organization engage in any significant activity not previously reported to the IRS?), 34 (Were any significant changes made to the organizing or governing documents?), 35a (Did the organization have unrelated business gross income of \$1,000 or more during the year from business activities?), 35b (If "Yes," to line 35a, has the organization filed a Form 990-T for the year?).

c Was the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization subject to section 6033(e) notice, reporting, and proxy tax requirements during the year? If "Yes," complete Schedule C, Part III

36 Did the organization undergo a liquidation, dissolution, termination, or significant disposition of net assets during the year? If "Yes," complete applicable parts of Schedule N

37a Enter amount of political expenditures, direct or indirect, as described in the instructions. **37a** _____

b Did the organization file **Form 1120-POL** for this year?

38a Did the organization borrow from, or make any loans to, any officer, director, trustee, or key employee or were any such loans made in a prior year and still outstanding at the end of the tax year covered by this return?

b If "Yes," complete Schedule L, Part II and enter the total amount involved **38b** 1,645

39 Section 501(c)(7) organizations. Enter:

a Initiation fees and capital contributions included on line 9 **39a** 0

b Gross receipts, included on line 9, for public use of club facilities **39b** 0

40a Section 501(c)(3) organizations. Enter amount of tax imposed on the organization during the year under:
 section 4911 _____; section 4912 _____; section 4955 _____

b Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in any section 4958 excess benefit transaction during the year, or did it engage in an excess benefit transaction in a prior year that has not been reported on any of its prior Forms 990 or 990-EZ? If "Yes," complete Schedule L, Part I

c Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Enter amount of tax imposed on organization managers or disqualified persons during the year under sections 4912, 4955, and 4958

d Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Enter amount of tax on line 40c reimbursed by the organization

e All organizations. At any time during the tax year, was the organization a party to a prohibited tax shelter transaction? If "Yes," complete Form 8886-T

41 List the states with which a copy of this return is filed.

42a The organization's books are in care of AccMan Inc Telephone no. (206) 285-0883

Located at 4010 Stone Way N Suite 400 Seattle, WA ZIP + 4 98103

35c		No
36		No
37b		No
38a	Yes	
40b		No
40e		No

b At any time during the calendar year, did the organization have an interest in or a signature or other authority over a financial account in a foreign country (such as a bank account, securities account, or other financial account)?
 If "Yes," enter the name of the foreign country: _____

See the instructions for exceptions and filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR).

c At any time during the calendar year, did the organization maintain an office outside the U.S.?
 If "Yes," enter the name of the foreign country: _____

	Yes	No
42b		No
42c		No

43 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-EZ in lieu of **Form 1041** - Check here
 and enter the amount of tax-exempt interest received or accrued during the tax year **43** _____

44a Did the organization maintain any donor advised funds during the year? If "Yes," Form 990 must be completed instead of Form 990-EZ

b Did the organization operate one or more hospital facilities during the year? If "Yes," Form 990 must be completed instead of Form 990-EZ

c Did the organization receive any payments for indoor tanning services during the year?

d If "Yes," to line 44c, has the organization filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O

45a Did the organization have a controlled entity within the meaning of section 512(b)(13)?

45b Did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? If "Yes," Form 990 and Schedule R may need to be completed instead of Form 990-EZ (see instructions)

	Yes	No
44a		No
44b		No
44c		No
44d		
45a		No
45b		No

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46 Did the organization engage, directly or indirectly, in political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I.

	Yes	No
46		No

Part VI Section 501(c)(3) Organizations Only

All section 501(c)(3) organizations must answer questions 47- 49b and 52, and complete the tables for lines 50 and 51. Check if the organization used Schedule O to respond to any question in this Part VI

	Yes	No
47		

- 47** Did the organization engage in lobbying activities or have a section 501(n) election in effect during the tax year? If "Yes," complete Schedule C, Part II

47		No
48		No
49a		No
49b		
- 48** Is the organization a school as described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E
- 49a** Did the organization make any transfers to an exempt non-charitable related organization?
- 49b** If "Yes," was the related organization a section 527 organization?

50 Complete this table for the organization's five highest compensated employees (other than officers, directors, trustees and key employees) who each received more than \$100,000 of compensation from the organization. If there is none, enter "None."

(a) Name and title of each employee	(b) Average hours per week devoted to position	(c) Reportable compensation (Forms W-2/1099-MISC)	(d) Health benefits, contributions to employee benefit plans, and deferred compensation	(e) Estimated amount of other compensation
NONE				

f Total number of other employees paid over \$100,000 ▶ _____

51 Complete this table for the organization's five highest compensated independent contractors who each received more than \$100,000 of compensation from the organization. If there is none, enter "None."

(a) Name and business address of each independent contractor	(b) Type of service	(c) Compensation
NONE		

d Total number of other independent contractors each receiving over \$100,000. ▶ _____

52 Did the organization complete Schedule A? **NOTE.** All section 501(c)(3) organizations must attach a completed Schedule A Yes No

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here

Signature of officer	2021-10-11
Susan Petty President	Date
Type or print name and title	

Paid Preparer Use Only	Print/Type preparer's name Barbara B Petty	Preparer's signature	Date 2021-11-09	Check <input type="checkbox"/> if self-employed	PTIN P01025395
	Firm's name ▶ Accounting & Management Service				Firm's EIN ▶
	Firm's address ▶ 4010 Stone Way N Suite 400 Seattle, WA 98103				Phone no. (206) 285-0883

May the IRS discuss this return with the preparer shown above? See instructions Yes No

Additional Data

Return to Form

Software ID:
Software Version:

Form 990-EZ, Special Condition Description:

Special Condition Description

SCHEDULE A (Form 990 or 990-EZ)

Department of the Treasury Internal Revenue Service

Public Charity Status and Public Support Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust. Attach to Form 990 or Form 990-EZ. Go to www.irs.gov/Form990 for instructions and the latest information.

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Table with 2 columns: Name of the organization (Hotrock Energy Research Organization) and Employer identification number (47-3849152)

Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is: (For lines 1 through 12, check only one box.)

- 1 A church, convention of churches, or association of churches described in section 170(b)(1)(A)(i).
2 A school described in section 170(b)(1)(A)(ii).
3 A hospital or a cooperative hospital service organization described in section 170(b)(1)(A)(iii).
4 A medical research organization operated in conjunction with a hospital described in section 170(b)(1)(A)(iii).
5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in section 170(b)(1)(A)(iv).
6 A federal, state, or local government or governmental unit described in section 170(b)(1)(A)(v).
7 An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in section 170(b)(1)(A)(vi).
8 A community trust described in section 170(b)(1)(A)(vi).
9 An agricultural research organization described in 170(b)(1)(A)(ix) operated in conjunction with a land-grant college or university or a non-land grant college of agriculture.
10 An organization that normally receives: (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions...
11 An organization organized and operated exclusively to test for public safety.
12 An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2).
a Type I. A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization.
b Type II. A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s).
c Type III functionally integrated. A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions).
d Type III non-functionally integrated. A supporting organization operated in connection with its supported organization(s) that is not functionally integrated.
e Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization.
f Enter the number of supported organizations
g Provide the following information about the supported organization(s).

Table with 6 columns: (i) Name of supported organization, (ii) EIN, (iii) Type of organization, (iv) Is the organization listed in your governing document?, (v) Amount of monetary support, (vi) Amount of other support. Includes a Total row.

For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ. Cat. No. 11285F Schedule A (Form 990 or 990-EZ) 2020

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi) (Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization failed to qualify under the tests listed below, please complete Part III.)

Section A. Public Support Calendar year

Calendar year (or fiscal year beginning in) ▶	(a) 2016	(b) 2017	(c) 2018	(d) 2019	(e) 2020	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grant.") . . .	8,300	64,354	63,440	172,281	189,405	497,780
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf. . . .						0
3 The value of services or facilities furnished by a governmental unit to the organization without charge..						0
4 Total. Add lines 1 through 3	8,300	64,354	63,440	172,281	189,405	497,780
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f). . . .						0
6 Public support. Subtract line 5 from line 4.						497,780

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2016	(b) 2017	(c) 2018	(d) 2019	(e) 2020	(f) Total
7 Amounts from line 4. . . .	8,300	64,354	63,440	172,281	189,405	497,780
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources. . . .	1	0	0	1	2	4
9 Net income from unrelated business activities, whether or not the business is regularly carried on. . . .						0
10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.). . . .						0
11 Total support. Add lines 7 through 10						497,784
12 Gross receipts from related activities, etc. (see instructions)					12	
13 First 5 years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here						<input type="checkbox"/>

Section C. Computation of Public Support Percentage

14 Public support percentage for 2020 (line 6, column (f) divided by line 11, column (f))	14	100.000 %
15 Public support percentage for 2019 Schedule A, Part II, line 14	15	100.000 %
16a 33 1/3% support test—2020. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization		<input checked="" type="checkbox"/>
b 33 1/3% support test—2019. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization		<input type="checkbox"/>
17a 10%-facts-and-circumstances test—2020. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization		<input type="checkbox"/>
b 10%-facts-and-circumstances test—2019. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization		<input type="checkbox"/>
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions		<input type="checkbox"/>

Schedule A (Form 990 or 990-EZ) 2020

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2016	(b) 2017	(c) 2018	(d) 2019	(e) 2020	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.") . . .						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the						

4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf.						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year.						
c Add lines 7a and 7b.						
8 Public support. (Subtract line 7c from line 6.)						0

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2016	(b) 2017	(c) 2018	(d) 2019	(e) 2020	(f) Total
9 Amounts from line 6.						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources.						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975.						
c Add lines 10a and 10b.						
11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on.						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
13 Total support. (Add lines 9, 10c, 11, and 12.)						
14 First 5 years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here. <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

15 Public support percentage for 2020 (line 8, column (f) divided by line 13, column (f))	15	0 %
16 Public support percentage from 2019 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2020 (line 10c, column (f) divided by line 13, column (f))	17	0 %
18 Investment income percentage from 2019 Schedule A, Part III, line 17	18	

- 19a 33 1/3% support tests—2020.** If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization.
- b 33 1/3% support tests—2019.** If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization.
- 20 Private foundation.** If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions.

Schedule A (Form 990 or 990-EZ) 2020

Part IV Supporting Organizations

(Complete only if you checked a box on line 12 of Part I. If you checked box 12a, of Part I, complete Sections A and B. If you checked box 12b, of Part I, complete Sections A and C. If you checked box 12c, of Part I, complete Sections A, D, and E. If you checked box 12d, of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

	Yes	No
1 Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.		
2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).		
3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer lines 3b and 3c below.		
b Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in Part VI when and how the organization made the determination.		
3b Did the organization ensure that all support to such organizations was used exclusively for section 501(c)(2)(B) purposes?		

- c** Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in **Part VI** what controls the organization put in place to ensure such use.
- 4a** Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you checked box 12a or 12b in Part I, answer lines 4b and 4c below.
 - b** Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If "Yes," describe in **Part VI** how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.
 - c** Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in **Part VI** what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.
- 5a** Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer lines 5b and 5c below (if applicable). Also, provide detail in **Part VI**, including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).
 - b Type I or Type II only.** Was any added or substituted supported organization part of a class already designated in the organization's organizing document?
 - c Substitutions only.** Was the substitution the result of an event beyond the organization's control?
- 6** Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If "Yes," provide detail in **Part VI**.
- 7** Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).
- 8** Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).
- 9a** Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons, as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If "Yes," provide detail in **Part VI**.
 - b** Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? If "Yes," provide detail in **Part VI**.
 - c** Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? If "Yes," provide detail in **Part VI**.
- 10a** Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? If "Yes," answer line 10b below.
 - b** Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings).

3c		
4a		
4b		
4c		
5a		
5b		
5c		
6		
7		
8		
9a		
9b		
9c		
10a		
10b		

Schedule A (Form 990 or 990-EZ) 2020

Part IV Supporting Organizations (continued)

	Yes	No
11 Has the organization accepted a gift or contribution from any of the following persons?		
a A person who directly or indirectly controls, either alone or together with persons described in lines 11b and 11c below, the governing body of a supported organization?		
b A family member of a person described in 11a above?		
c A 35% controlled entity of a person described in line 11a or 11b above? If "Yes" to 11a, 11b, or 11c, provide detail in Part VI .		

Section B. Type I Supporting Organizations

	Yes	No
1 Did the officers, directors, trustees, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the tax year? If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove directors or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.		
2 Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised or controlled the supporting organization.		

Section C. Type II Supporting Organizations

	Yes	No
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1 Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).	1		
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Section D. All Type III Supporting Organizations

		Yes	No
1 Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?	1		
2 Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).	2		
3 By reason of the relationship described in line 2 above, did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.	3		

Section E. Type III Functionally-Integrated Supporting Organizations

1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (**see instructions**):

- a** The organization satisfied the Activities Test. Complete **line 2** below.
- b** The organization is the parent of each of its supported organizations. Complete **line 3** below.
- c** The organization supported a governmental entity. Describe in **Part VI** how you supported a government entity (see instructions)

2 Activities Test. **Answer lines 2a and 2b below.**

		Yes	No
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.	2a		
b Did the activities described in line 2a, above constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.	2b		

3 Parent of Supported Organizations. **Answer lines 3a and 3b below.**

- a** Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? If "Yes" or "No," provide details in **Part VI**.

	3a		
b Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? If "Yes," describe in Part VI the role played by the organization in this regard.	3b		

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations

1 Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970 (explain in **Part VI**). **See instructions.** All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1 Net short-term capital gain	1		
2 Recoveries of prior-year distributions	2		
3 Other gross income (see instructions)	3		
4 Add lines 1 through 3	4		
5 Depreciation and depletion	5		
6 Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6		
7 Other expenses (see instructions)	7		
8 Adjusted Net Income (subtract lines 5, 6 and 7 from line 4)	8		

Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1 Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):	1		
a Average monthly value of securities	1a		
b Average monthly cash balances	1b		
c Fair market value of other non-exempt-use assets	1c		
d Total (add lines 1a, 1b, and 1c)	1d		

e Discount claimed for blockage or other factors (explain in detail in Part VI):			
2 Acquisition indebtedness applicable to non-exempt use assets	2		
3 Subtract line 2 from line 1d	3		
4 Cash deemed held for exempt use. Enter 0.015 of line 3 (for greater amount, see instructions).	4		
5 Net value of non-exempt-use assets (subtract line 4 from line 3)	5		
6 Multiply line 5 by 0.035	6		
7 Recoveries of prior-year distributions	7		
8 Minimum Asset Amount (add line 7 to line 6)	8		
Section C - Distributable Amount			Current Year
1 Adjusted net income for prior year (from Section A, line 8, Column A)	1		
2 Enter 85% of line 1	2		
3 Minimum asset amount for prior year (from Section B, line 8, Column A)	3		
4 Enter greater of line 2 or line 3	4		
5 Income tax imposed in prior year	5		
6 Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)	6		
7 <input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions)			

Schedule A (Form 990 or 990-EZ) 2020

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations (continued)

Section D - Distributions		Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	1	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	2	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	3	
4 Amounts paid to acquire exempt-use assets	4	
5 Qualified set-aside amounts (prior IRS approval required - provide details in Part VI)	5	
6 Other distributions (describe in Part VI). See instructions	6	
7 Total annual distributions. Add lines 1 through 6.	7	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI). See instructions	8	
9 Distributable amount for 2020 from Section C, line 6	9	
10 Line 8 amount divided by Line 9 amount	10	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2020	(iii) Distributable Amount for 2020
1 Distributable amount for 2020 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2019 (reasonable cause required-- explain in Part VI). See instructions.			
3 Excess distributions carryover, if any, to 2020:			
a From 2015.			
b From 2016.			
c From 2017.			
d From 2018.			
e From 2019.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2020 distributable amount			
i Carryover from 2015 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from line 3f.			
4 Distributions for 2020 from Section D, line 7: \$			
a Applied to underdistributions of prior years			

b Applied to 2020 distributable amount			
c Remainder. Subtract lines 4a and 4b from line 4.			
5 Remaining underdistributions for years prior to 2020, if any. Subtract lines 3g and 4a from line 2. If the amount is greater than zero, <i>explain in Part VI.</i> See instructions.			
6 Remaining underdistributions for 2020. Subtract lines 3h and 4b from line 1. If the amount is greater than zero, <i>explain in Part VI.</i> See instructions.			
7 Excess distributions carryover to 2021. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a Excess from 2016. . . .			
b Excess from 2017. . . .			
c Excess from 2018. . . .			
d Excess from 2019. . . .			
e Excess from 2020. . . .			

Schedule A (Form 990 or 990-EZ) (2020)

Part VI Supplemental Information. Provide the explanations required by Part II, line 10; Part II, line 17a or 17b; Part III, line 12; Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c; Part IV, Section B, lines 1 and 2; Part IV, Section C, line 1; Part IV, Section D, lines 2 and 3; Part IV, Section E, lines 1c, 2a, 2b, 3a and 3b; Part V, line 1; Part V, Section B, line 1e; Part V Section D, lines 5, 6, and 8; and Part V, Section E, lines 2, 5, and 6. Also complete this part for any additional information. (See instructions).

Facts And Circumstances Test

Return Reference	Explanation

Schedule A (Form 990 or 990-EZ) 2020

Additional Data

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Schedule L (Form 990 or 990-EZ)

Transactions with Interested Persons

OMB No. 1545-0047

2020

Open to Public Inspection

Complete if the organization answered "Yes" on Form 990, Part IV, lines 25a, 25b, 26, 27, 28a, 28b, or 28c, or Form 990-EZ, Part V, line 38a or 40b. Attach to Form 990 or Form 990-EZ. Go to www.irs.gov/Form990 for instructions and the latest information.

Department of the Treasury Internal Revenue Service

Table with 2 columns: Name of the organization (Hotrock Energy Research Organization) and Employer identification number (47-3849152)

Part I Excess Benefit Transactions (section 501(c)(3), section 501(c)(4), and section 501(c)(29) organizations only). Complete if the organization answered "Yes" on Form 990, Part IV, line 25a or 25b, or Form 990-EZ, Part V, line 40b.

Table with 4 main columns: (a) Name of disqualified person, (b) Relationship between disqualified person and organization, (c) Description of transaction, (d) Corrected? (Yes/No)

2 Enter the amount of tax incurred by the organization managers or disqualified persons during the year under section 4958. 3 Enter the amount of tax, if any, on line 2, above, reimbursed by the organization.

Part II Loans to and/or From Interested Persons. Complete if the organization answered "Yes" on Form 990-EZ, Part V, line 38a, or Form 990, Part IV, line 26; or if the organization reported an amount on Form 990, Part X, line 5, 6, or 22

Table with 9 main columns: (a) Name of interested person, (b) Relationship with organization, (c) Purpose of loan, (d) Loan to or from the organization (To/From), (e) Original principal amount, (f) Balance due, (g) In default? (Yes/No), (h) Approved by board or committee? (Yes/No), (i) Written agreement? (Yes/No)

Part III Grants or Assistance Benefiting Interested Persons. Complete if the organization answered "Yes" on Form 990, Part IV, line 27.

Table with 5 main columns: (a) Name of interested person, (b) Relationship between interested person and the organization, (c) Amount of assistance, (d) Type of assistance, (e) Purpose of assistance

For Paperwork Reduction Act Notice, see the Instructions for Form 990 or 990-EZ. Cat. No. 50056A Schedule L (Form 990 or 990-EZ) 2020

Part IV Business Transactions Involving Interested Persons. Complete if the organization answered "Yes" on Form 990, Part IV, line 28a, 28b, or 28c.

Table with 5 main columns: (a) Name of interested person, (b) Relationship between interested person and the organization, (c) Amount of transaction, (d) Description of transaction, (e) Sharing of organization's revenues? (Yes/No)

Part V Supplemental Information Provide additional information for responses to questions on Schedule L (see instructions).

Table with 2 columns: Return Reference, Explanation

Additional Data

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SCHEDULE O
(Form 990 or 990-EZ)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

▶ Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2020

Open to Public Inspection

Name of the organization
Hotrock Energy Research Organization

Employer identification number

47-3849152

Return Reference	Explanation
Form 990EZ, Part I, Line 8	Expense Reimbursements 42661.
Form 990EZ, Part I, Line 16	Business Registration Fees 217.
Form 990EZ, Part I, Line 16	Bank Fees 218.
Form 990EZ, Part I, Line 16	Telephone 827.
Form 990EZ, Part I, Line 16	Insurance 281.
Form 990EZ, Part I, Line 16	Computer, Website, Technology 532.
Form 990EZ, Part II, Line 26	Note Payable - Susan Petty 1645.
Form 990EZ, Part II, Line 26	Payroll Liabilities 1574.

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Cat. No. 51056K

Schedule O (Form 990 or 990-EZ) 2020

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