

## Prospecting / Exploration Annual Report



**COLORADO**  
Division of Reclamation,  
Mining and Safety  
Department of Natural Resources

### General Information

#### Disclaimer

Under the terms of your NOI and Colorado Statutes, you must submit Annual Fees and Annual Reports (including a map). You must pay the Annual Fee and submit an Annual Report each year until reclamation responsibility release is granted. The Annual Fee is not a renewal fee. The Fee and Report are for LAST YEAR'S mining and reclamation season, and MUST be paid even if your operation was inactive.

If you have requested reclamation responsibility release from the Division of Reclamation, Mining and Safety ("Division") but your permit is not released by the anniversary date listed below, the Annual Fee MUST be paid. If the permit is released before the anniversary date, then by Statute, it is not necessary to pay an Annual Fee or submit an Annual Report for that year.

Division records indicate the following fee is due for the following NOI(s) on or before the Anniversary date:

#### Select Permit Number \*

Only Permit Numbers with currently due Annual Reports and Fees will be listed. If nothing appears in the dropdown box below, there are no annual fees or reports due for any of your permits.

P2021003

#### Select Anniversary Date \*

06-09-2023

**PLEASE REMEMBER TO CLICK "SUBMIT" AFTER YOU HAVE COMPLETED YOUR REPORT AND PAYMENT.**

**Please check the box indicating you have read and understand the terms of the Annual Report and Annual Fee \***

☒ I understand and agree to the terms

#### General Information

##### Permittee Name

Mahogany Energy Resources, LLC

##### Operation Name

Shale Core 2020-03

Permit Number	Annual Fee Due	Permit Acreage
P2021003	86.00	0.21

County	Anniversary Date	Current Bond Amount
Rio Blanco	06-09-2023	8517.00

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## Contact Info

Here is the contact information we have on file for this permit. If any of it is inaccurate, you will have the opportunity to correct it after this form has been submitted.

1. Upon submission of this form you will be presented with a link to the contact information update form.
2. There is a question asking about the accuracy of this information at the bottom of this page. Indicating that it is inaccurate will send an e-mail to notify your administrator to make the appropriate changes.

### Permittee Contact Information

**Permittee Contact Name**

Justin Bilyeu

**Permittee Company**

Mahogany Energy Resources, LLC

**Permittee Address 1**

P.O. Box 957

**Permittee Address 2****Permittee City**

Meeker

**Permittee State**

CO

**Permittee Zip**

816410957

**Permittee Phone #**

9708789995

**Permittee Fax #****Permittee Contact Email Address**

jbilyeu@shale-tech.com

### Permitting Contact Info

**Permitting Contact Name**

Justin Bilyeu

**Permitting Company**

Mahogany Energy Resources, LLC

**Permitting Address 1**

1354 County Rd 246

**Permitting Address 2****Permitting City**

Rifle

**Permitting State**

CO

**Permitting Zip**

816500000

**Permitting Phone #****Permitting Fax #**

9704402057

9702104977

**Permitting Contact Email Address**

jbilyeu@shale-tech.com

## Inspection Contact Info

**Inspection Contact Name**

Justin Bilyeu

**Inspection Company**

Mahogany Energy Resources, LLC

**Inspection Address 1**

1354 County Rd 246

**Inspection Address 2**

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**Inspection City**

Rifle

**Inspection State**

CO

**Inspection Zip**

816500000

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**Inspection Phone #**

9704402057

**Inspection Fax #**

9702104977

**Inspection Contact Email Address**

jbilyeu@shale-tech.com

**Is the contact information listed correct? If it is not correct your organization's Administrator will receive an email notification. \***

☒ Yes ☐ No

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# Annual Report Questions

Information contained in this report is required and will be reviewed by the Division upon receipt and prior to the next compliance inspection of the site. If, while completing this report, you learn that your site is not in compliance with the rules and the act, it is advisable that the issues be rectified promptly to avoid possible enforcement action.

**1. Is the affected area boundary clearly marked if you have an excavation or portal? \***

☒ Yes ☐ No ☐ N/A

**2. Is the site in final reclamation? \***

☒ Yes ☐ No

Please note time limits related to completion of reclamation, Rule 3.1.3.

**3. Please enter the date of last activity at the site (excavation, drilling, construction). Or, if activity has not yet begun, please indicate so. \***

☐ No activity yet ☒ Yes, activity has begun 10/13/2022

**4. What date did prospecting activity end, or what date is it expected to end? Rule 5.6.1(e). \***

6/30/2022

**For the following questions, please note that numeric values must include one decimal place, such as "0.0" for zero acres, or 10.2 instead of 10.23.**

**5. Number of acres currently affected (exploration+ incomplete reclamation). \* (?)**

0.2

**6. Number of acres that were newly affected during the current report year. \* (?)**

0.0

**7. Number of acres that were reclaimed during the current report year. \* (?)**

0.2

**8. Estimated new acreage to be affected in the next report year. \* (?)**

0.0

**9. Estimated acres to be reclaimed in the next report year. \* (?)**

0.0

**10. Total acres** in various stages of reclamation, since permitted exploration / prospecting activities began:

**Total acres backfilled \* (?)**

0.2

**Total acres graded \* (?)**

0.2

**Total acres seeded with approved mix \* (?)**

0.2

**Seed Application Method \***

Drill seeding

**Total acres fertilized with aproved fertilizer \* (?)**

0.2

**Fertilizer Application Method \***

Tractor spreader

**Total acres with topsoil replaced \* (?)**

0.2

**Topsoil replacement depth (in.) \* (?)**

6.0

**Total acres mulched with approved mulch \* (?)**

0.2

**Mulch application rate (tons/ac) \* (?)**

2.0

**Mulch Application Method \***

Crimping with Tractor

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# Annual Report Questions

**11. Is weed control being conducted in accordance with an approved Weed Control Plan? \***

If "YES", indicate the weed species, control area, control type, application rate and treatment date on the report map.

☐ Yes ☐ No ☒ NA

**12. Is adequate topsoil reserved for reclamation, based on your approved NOI? \***

If "NO", please explain

☒ Yes ☐ No ☐ NA

**13. Is the reserved topsoil vegetated/stabilized in accordance with Rule 3.1.9(1)? \***

If "NO", please explain

☒ Yes ☐ No ☐ NA

**14. If exploration/prospecting has exposed groundwater, is the site in compliance with the approved mining plan and Office of the State Engineer (Well Permit, S.W.S.P., and/or Permanent Augmentation Plan)? \***

☐ Yes ☐ No ☒ NA

**15. Are all hazardous materials stored within approved spill containment structures? \***

☒ Yes ☐ No ☐ NA

**16. Does your NOI reclamation plan or Environmental Protection Plan require you to submit monitoring information annually? \***

☐ Yes ☒ No ☐ NA

**17. As required by Rule 5.6(1)(g) confirm that the Financial Warranty is still in place and is adequate to fully reclaim the approved prospecting site disturbance(s). \***

☒ Yes ☐ No ☐ NA

**18. Please use the space below to describe as required by Rule 5.6(1)(c) any new prospecting activity that occurred during the preceding year, including the locations and number of new surface drill holes, mud pits, excavations, rock dumps, adits, shafts, trenches, pits, roads and structures. If applicable, you must also describe the measures taken to safeguard shafts, adits and other mine openings from unauthorized entry both during and after prospecting. Additional pages should be attached if needed.**

Geotechnical measurements were conducted in borehole 2020-04. All instruments were successfully retrieved leaving nothing in the borehole. A geotechnical instrument (vibrating wire piezometer) was installed in borehole 2020-03 to monitor subsurface ground water pressure. The boreholes were filled with sodium bentonite grout, and capped with concrete for abandonment. Reclamation was also started. Drill cuttings were buried in the water infiltration pit. The pit was filled and covered with native soil. Top soil was replaced over the affected area. The pre-approved seed mix was drilled into the topsoil. Fertilizer and mulch were crimped into the area. BLM approved fencing was installed around the area and water sprinkle irrigation was conducted on a weekly basis to promote rapid vegetation growth.

MAX 1500 Characters

**19. As required by Colorado Mined Land Reclamation Act and/or Colorado Land Reclamation Act for the Extraction of Construction Materials (C.R.S.34-32-116 or 34-32.5-116), attach a map to this report that accurately depicts the permit boundary, current affected area boundary and location of the acreages specified in items 5-11. \***

Only PDF formatted files can be uploaded.

CorePad.2020-02.pdf

4.31MB

**20. Rule 5.7 requires submittal of final abandonment reports within 60 days for any drill hole(s) with artesian flows and no later than 12 months for all other completed drill holes. If drill holes are a component of your exploration/prospecting activities, have they been properly abandoned? \***

☐ Yes ☐ No ☒ NA

**21. If you have supplemental information you would like to provide, please upload it here.**

Only PDF formatted files can be uploaded.

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## Annual Fee Payment

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**Payment Confirmation Number \*** (?)

208698378

**Signature**

**Submittal Date**

5/31/2023

**I, the undersigned, hereby state that the information provided in this report is true and accurate, and that site operations are being conducted in accordance with the Division approved mining and reclamation plans. \***

☒ I Agree

If you do not see the "Submit" button after completing your report, try to un-check and then re-check the "I Agree" box.

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