

Permit No. _____

STATE OF MISSISSIPPI

Application No. _____

A1977
AI#15210**SURFACE MINING PERMIT APPLICATION**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF GEOLOGY / MINING & RECLAMATION DIVISION

P. O. Box 2279

Jackson, Mississippi 39225-2279

(601) 961-5515

Fax (601) 961-5521

For Office use only

Other permits required: Y/N Date
NPDES _____
State Operating Permit _____
Corps of Engineers _____City/County approval
Required Yes _____ No _____
Received Date: _____
County _____
City _____**A. GENERAL INFORMATION**

1. Name of Applicant: Bolivar County
Mailing Address: P.O. Box 1513 Cleveland, MS 38732
E-mail Address: vmathis@co.bolivar.ms.us
Phone No. (662) 846-6450 Fax No. (662) 846-0948
Authorized Representative James Pritchett, Road Manager
2. Engineering Firm, Consultant, etc.: EleylBarkley, P.A.
Mailing Address: 1196 P.O. Box Cleveland, MS 38732
E-mail Address: bob@eleybarkley.com
Phone No. (662) 846-0180 Fax No. (662) 846-0948
3. Name of Mine: County Rubbish Pit Mine Supervisor: James Pritchett
Phone No. (662) 846-6450 Fax No. (662) 846-7133
4. Location of Operation (to nearest quarter-quarter section):
35 T22N R5W Bolivar
Section Township Range County
5. Physical address of mine or nearest named road Peavine Road
6. Method of Operation ☒ Open Pit ☐ Strip ☐ Dredge ☐ Wash Operation, if so Water Source _____
Wash System Type ☐ Closed system ☐ Open system
7. Number of Acres to be Permitted:
Excavation 10.09
Haul roads, plant site, ponds,
storage piles, etc. 13.30
TOTAL PERMITTED AREA 23.39
8. Is the Permit Area located: Yes No
a. within 100 feet of a public road? _____ X
b. within 100 feet of a cemetery? _____ X
c. within 300 feet of an occupied building? _____ X
If YES to a, b, or c, a letter must be filed with the Office giving permission from the owner or maintaining authority to mine within these distances to the subject property.
9. Materials to be Mined: Dirt

10. Has the applicant applied for, or have, any other permits or licenses that pertain to this or any other mining operation? Yes x No

If "YES," list them in the space provided on page 5, or attach separate pages, and give the current status of each, including any violations or penalties.

B. MINING PROCEDURE AND ENVIRONMENTAL ANALYSIS

- | | |
|---|--|
| 1. Description of materials: | 2. Anticipated Schedule (month/year) |
| Thickness of overburden <u>1.0</u> ft.
(Topsoil MUST be stockpiled
for use during reclamation) | Begin clearing <u>1</u> / <u>2014</u> |
| Thickness of useable material <u>15.0</u> ft. | Begin mining <u>3</u> / <u>2017</u> |
| Total depth of excavation <u>16.0</u> ft. | Complete mining <u>4</u> / <u>2021</u> |
| Estimated annual production <u>54,000</u> tons | Begin reclamation <u>5</u> / <u>2021</u> |
| | Complete reclamation <u>12</u> / <u>2022</u> |
3. Depth to ground water: 32 ft.
4. How will dust be controlled?
- ☒ Water on haul roads
- ☐ _____
5. Types of erosion control structures that will be utilized.
- ☐ Settling ponds ☐ Drainage ditches
- ☐ Diversion berms ☒ Terraced slopes
- ☐ _____
6. Describe the land to be affected by mining as it presently exists:
- a. Land use Class I Rubbish Pit b. Predominant vegetation None
7. Will explosives be used? Yes x No
8. Is test-boring data available? Yes x No
9. Are toxic materials likely to be encountered at any time? Yes x No
10. Will there be any discharge to local streams or other bodies of water? Yes x No

If any of questions 7-10 are answered "YES," provide additional information on page 5, or attach separate pages.

C. RECLAMATION PLAN

NOTE: It is suggested that the county NRCS office be consulted for specific recommendations on the following items.

1. Describe the soil handling technique for the reclamation phase of the operation:
- ☒ Topsoil segregated ☐ Mixed strata ☐ _____
2. Describe the protection method for the stockpiled topsoil.
- ☐ berm around the storage pile
- ☐ grass cover on the pile (recommended)
- ☐ stored under a cover
- ☒ Put in Bottom of Pit
3. How will highwalls, standing faces, and banks be reduced to minimize erosion? (All highwalls must be sloped, minimum 3 horizontal to 1 vertical.)
- ☐ slopes will be terraced
- ☒ sloped to a gradient of 3 to 1
- ☐ blended with surrounding contours
- ☐ _____

4. What is the general plan for reclamation?

- ☐ reforestation
☒ establish grass cover
☐ pond or lake
☐ _____

5. What planting method will be used?

- ☒ broadcast seed ☐ mechanical seeding
☐ seeding by manual labor
☐ _____

6. How will fertilizer and lime be applied and incorporated?

- ☐ harrowing ☒ broadcasting ☐ disking

7. Quantity of lime and fertilizer to be applied?

a. For initial planting

lime: 0 tons per acre

fertilizer: 13 - 13 - 13 (type) 100 pounds per acre

b. For successive years prior to 100% release

fertilizer: 13 - 13 - 13 (type) 100 pounds per acre

when: May (month)

8. Describe the planting schedule:

Tree or Seed Species	Tree spacing or lbs./acre	Planting Season
Bermuda	10 lbs/acre	May
_____	_____	_____
_____	_____	_____
_____	_____	_____

9. Will the area be mulched? Yes x No If yes, rate per acre _____

Method of holding in place: ☐ crimped ☐ _____

10. How will the vegetation be maintained until the final bond release?

☐ watering

☒ mowing

times per year 1

approximate month(s) _____, _____, _____

☒ repairing gullies

☐ replanting eroded areas

☐ _____

11. How will debris be disposed of when the mine is finally closed?

- ☒ burying ☐ burning ☐ hauling away

12. Will a soil analysis be submitted for this site? Yes x No

NOTE: available from the Cooperative Extension Service through the applicant's County Agent

13. Estimated cost per acre for reclamation of this site: \$1,000 (minimum of \$1,000 per acre)

D. NAMES AND ADDRESSES OF PERSONS AFFECTED BY THIS OPERATION

1. Landowner(s) of area to be mined/leased

Name: Bolivar County
Address: P.O. Box 1513
Cleveland, MS 38732
Phone: (662) 846-6450

Name: _____
Address: _____
Phone: _____

2. Landowner(s) within 500 feet of the area

Name: City of Cleveland
Address: 100 North St
Cleveland, MS 38732
Phone: (662) 846-1471

Name: Joe Reed Dirt Co. Inc
Address: 1016 S Davis Ave
Cleveland, MS 38732
Phone: (662) 843-2139

Name: Judy M. Godbold
Address: 335 Sunrise Dr
Cleveland, MS 38732
Phone: (662) 843-7538

Name: Albert B. Smith III
Address: 3635 Bear Creek Ln
Thompson Station, TN 37179
Phone: (662) 846-6439

3. Person(s) living on permit area

Name: _____
Address: _____
Phone: _____

Name: _____
Address: _____
Phone: _____

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MAR - 3 2017
OFFICE OF GEOLOGY
DEPT OF ENVIRONMENTAL QUALITY

I declare that I have knowledge of the facts presented in the preceding pages and in all of the items attached to this application; furthermore, I certify that they are true to the best of my knowledge.

date

James Pritchett
signature

James Pritchett
printed name

Road Manager
title

E. ADDITIONAL COMMENTS

[illegible]

If more space is required, use full sheets of paper the same size as this page. Attach all sheets to this application.

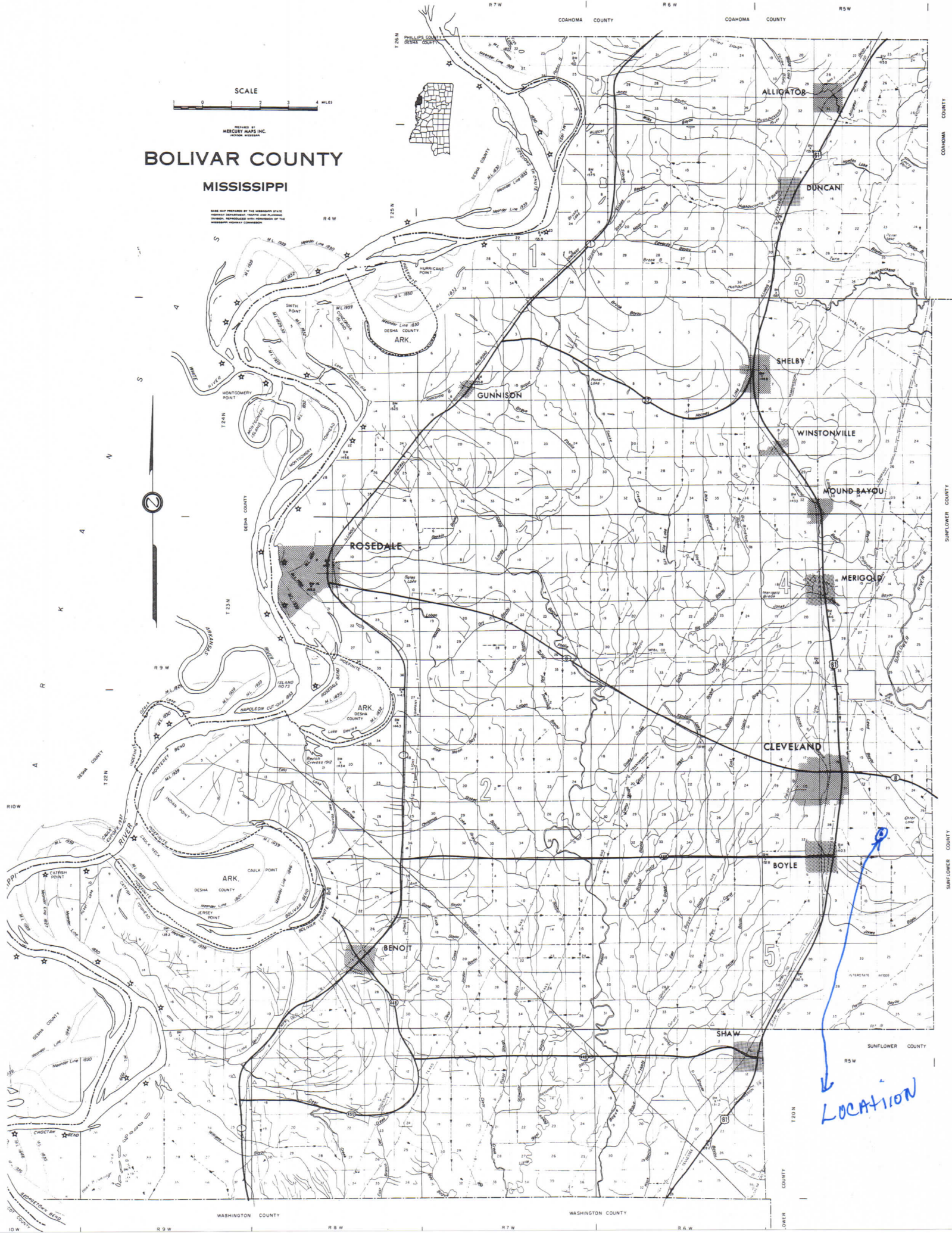


PREPARED BY
MERCURY MAPS INC.
JANUARY 1988

BOLIVAR COUNTY

MISSISSIPPI

BASE MAP PREPARED BY THE MISSISSIPPI STATE
DEPARTMENT OF TRANSPORTATION AND PUBLIC SAFETY
REPRODUCED WITH PERMISSION OF THE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION



LOCATION



Mississippi Mines

MDEQ Office Of Geology Mining Division

