

**SMALL SURFACE OWNERS**  
 S - 1 TIM NANCE  
 S - 2 WYRON GORHAM

**PERMIT AREA**

Scale: 1"=500'  
 Contour Interval = 20'

Base map taken from the Herzog & Sylvania AL, U.S.G.S. 7.5 minute Quadrangle.

**NATURE OF REVISION R-1 LEGEND**

- Mining Area Transferred from Increment No. 1 to Increment No. 2, 12.0 Acres.
- Undisturbed and Unbonded Area deleted from Increment No. 2, 2.0 Acres.

**NATURE OF REVISION R-2 LEGEND**

- Mining Area Transferred from Increment No. 3 to Increment No. 2, 12.0 Acres.
- Mining Area Transferred from Increment No. 5 to Increment No. 4, 43.0 Acres.
- Mining Area Transferred from Increment No. 1 to Increment No. 6 for an extension to Primary Road No. 1, 1.0 Acre.
- Incidental Area (Primary Road No. 1) transferred from Increment No. 1 to Increment No. 6, 2.0 Acres.
- Incidental Area added to Increment No. 6, 0.10 Acre (No Acreage change)
- Update Operations Plan.

**NATURE OF REVISION R-3 LEGEND**

- Mining Area Transferred from Increment No. 4 to Increment No. 5, 16.0 Acres.
- Update Equipment List.

**NATURE OF REVISION R-4 LEGEND**

- Undisturbed Mining Area Transferred from Increment No. 2 to Increment No. 3, 15.0 Acres.
- Mining Area Transferred from Increment No. 3 to Increment No. 2, 13.0 Acres.
- Incidental Area Added to Increment No. 6 for a portion of Primary Road 4P, 0.40 Acres (No Acreage change).
- Mining Area Transferred from Increment No. 2 to Increment No. 6, for a portion of Primary Road 4P, 1.0 Acre.
- Mining Area Transferred from Increment No. 3 to Increment No. 6, for a portion of Primary Road 4P, 1.0 Acre.

**NATURE OF REVISION R-5 LEGEND**

- Mining Area Transferred from Increment No. 3 to Increment No. 2, 9.0 Acres.
- Update Operations Plan

**NATURE OF REVISION R-6 LEGEND**

- Mining Area Transferred from Increment No. 4 to Increment No. 5, 21.0 Acres.
- Update the Operations Plan with Regard to Cut Alignment & Sequence of Cuts within Increment No. 4 & Increment No. 5.

**NATURE OF REVISION R-7 LEGEND**

- Transfer 31.0 Acres Mine Area from Increment No. 3 to Increment No. 2.
- Transfer 2.0 Acres from Increment No. 3 to Increment No. 6 for Extension of Haulroad 3P.
- Update the Operations Plan to show revised Cut Alignment & Sequence of Cuts within Increments No. 2, 3, 4, & 5.
- Add 2 Acres Mine Area to Increment 2.
- Transfer 7 Acres from Increment 5 to Increment 4.
- Transfer 4 Acres from Increment 4 to Increment 5.

**NATURE OF REVISION R-8 LEGEND**

- Relocation of Primary Road 1P from 12+40 to 4+55.
- No Acreage Change

**NATURE OF REVISION R-9 LEGEND**

- Transfer 28.0 Mining Acres from Increment No. 3 to Increment No. 2.
- Transfer 22.0 Mining Acres from Increment No. 4 to Increment No. 5.
- Transfer 19.0 Mining Acres from Increment No. 3 to Increment No. 4.
- Transfer 35.0 Mining Acres from Increment No. 2 to Increment No. 3.
- Transfer 11.0 Mining Acres from Increment No. 5 to Increment No. 3.
- Delete a portion of the original location of Primary Road 1P that was relocated in Revision R-8. (No Acreage Change)
- Update the Operations Plan to show revised Cut Alignment & Sequence of Cuts within Increments No. 2, 4 & 5.

**NATURE OF REVISION R-10 LEGEND**

- Transfer 19.0 Mining Acres from Increment No. 4 to Increment No. 2.
- Delete 20.0 Bonded & Undisturbed Mining Acres From Increment No. 5.
- Update Operations Plan
- Update Ownership And Permit Map

**NATURE OF REVISION R-11 LEGEND**

- Add 45.0 Acres Mine Area to Increment No. 2
- Update Operations Plan
- Update Ownership And Permit Map

**NATURE OF REVISION R-12 LEGEND**

- Withdraw

**NATURE OF REVISION R-13 LEGEND**

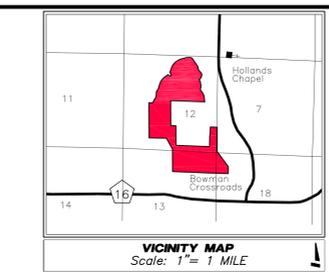
- Transfer 24.0 Mining Acres from Increment No. 2 to Increment No. 5.
- Transfer 15.0 Mining Acres from Increment No. 4 to Increment No. 5.
- Transfer 14.0 Mining Acres from Increment No. 5 to Increment No. 4.
- Increment No. 4 will be utilized for the Replacement of Prime Farmland.

**NATURE OF REVISION R-14 LEGEND**

- Add 32.0 Mining Acres to Increment No. 2.
- Add 0.1 Acres to Increment No. 6 for Primary Road 5P. (No Acreage Change)
- Update Operation Plan
- Update Ownership & Permit Map
- Submit Detailed Design Plans for Primary Road 5P.
- Re-evaluation and Modification of Basin 008E.

**NATURE OF REVISION R-15 LEGEND**

- Withdraw



- LEGEND:**
- Permit Boundary
  - Surface Ownership Boundary Line
  - Other Than 1/4-1/4 Line
  - Landhook Conveys Both surface and Mineral Ownership
  - Surface Contour
  - Coal Seam Outcrop
  - Cross Section
  - Sediment Basin
  - Natural Drainage Course
  - Intermittent Stream
  - Perennial Stream
  - Drainage Divide
  - Land Slope Measurement
  - Diversion Ditch/Berm/Lowwall
  - Occupied Dwelling
  - Unoccupied Dwelling / Barn / Shed
  - Primary Road
  - Auxiliary Road
  - Private Road
  - County Road (paved unless otherwise designated)
  - (S) Surface Ownership
  - (M) Mineral Ownership
  - Indicates Surface and Mineral Ownership
  - Proposed Topsoil / Prime Farmland Soil Stockpile (see note)
  - Proposed Coal Stockpile (see note)
  - Monitoring Well
  - Power Transmission Line
  - Previously Disturbed
  - Impounded Water
  - Existing Highway
  - Private Impoundment
  - Permit Boundary P-3140
  - Permit Boundary P-3349
  - Current Highway

**NOTES**

- Current Highway Location Shown, Determined with Aerial Photo.
- All Buildings Within 1000' of Permit Area Are Shown.
- Surface and Mineral Ownership By Forties Unless Otherwise Shown.
- Police Jurisdiction within and Contiguous to the Permit Area is provided by Jackson County.
- Coal Stockpiles & Topsoil / Prime Farmland Soil Stockpiles Are Located Onsite And Are Subject To Change.

**NATURE OF REVISION R-16 LEGEND**

- Delete 2.0 Undisturbed Mining Acres from Increment No. 1
- Delete 3.0 Undisturbed Mining Acres from Increment No. 3
- Delete 1.0 Undisturbed Mining Acres from Increment No. 4
- Delete 21.0 Undisturbed Mining Acres from Increment No. 5
- Add 5.0 Previously Permitted Mining Acres to Increment No. 4
- Transfer 4.0 Mining Acres from Increment No. 5 to Increment No. 4

**POST R-17 BOND LEGEND**

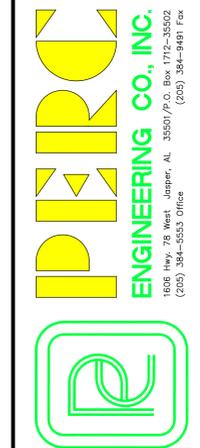
- INCREMENT NO. 1**  
32.0 Acres Mining Area  
2.0 Acres Basin 004  
34.0 Total Acreage
- INCREMENT NO. 2**  
25.0 Acres Mining Area  
25.0 Total Acreage
- INCREMENT NO. 3**  
43.0 Acres Mining Area & Diversions  
43.0 Total Acreage
- INCREMENT NO. 4**  
36.0 Acres Mining Area & Diversions  
36.0 Total Acreage
- INCREMENT NO. 5**  
120.0 Acres Mining Area & Diversions  
120.0 Total Acreage
- INCREMENT NO. 6**  
8.0 Acres Haulroad  
7.0 Acres Basin 002, 008, 010, PW 001  
Drainage Courses & Access  
15.0 Total Acreage  
Total Permitted Area.....323 Acres.

**NATURE OF REVISION R-17 LEGEND**

- Transfer 2.0 Mining Acres from Increment No. 2 to Increment No. 6 for PW 001P.
- Request to Change the Post Mining Landuse of the Area Assessed for Permanent Water Impoundment PW 001P from Undeveloped/No Current Use to Permanent Water Impoundment, Fish and Wildlife Habitat.
- Submit Detailed Design Plans for PW 001P.
- Update the Hydrologic Monitoring Plan.
- Update Pre-Mining Slopes Within Increment No. 2.
- Correct Permit Map to Show Previously Mined Area within Increment No. 2.

I, Leslie G. Stephens, a Registered Professional Engineer and Land Surveyor, hereby certify the foregoing to be a true and correct map to the best of my knowledge, information, and belief.

Leslie G. Stephens, P.L.S. & P.E. Date  
 AL Reg. No. 14117-E



REVISIONS	
NO.	DATE
1	
2	
3	
4	
5	
6	

Initial Date: September 20, 2010  
 GTM17PMT.DWG

**PERMIT AND VICINITY MAP**  
**GTM ENERGY PARTNERS, LLC**  
**MINE NO. 1**  
**P-3822 REVISION R-17**  
 Part of Sections 12 & 13 Township 5 South, Range 7 East  
 & Section 7 & 18, Township 5 South, Range 8 East  
 Jackson County, Alabama