

7. Local survey organization

CCHS

8. property owners name and address

9. tax parcel number/other number

10. U.T.M. Zone

118 294880

11. status (other surveys, lists etc.)

N/A

4436250

northing

sheet: Walnut Bottom

12. classification site () structure (X) object () building () district ()

13. date(s) (how determined)

c.1836

15. style, design or folk type

Industrial

19. original use

Iron ore furnace

20. present use

abandoned

16. architect or engineer

17. contractor or builder

18. primary building mat./construc.

Limestone

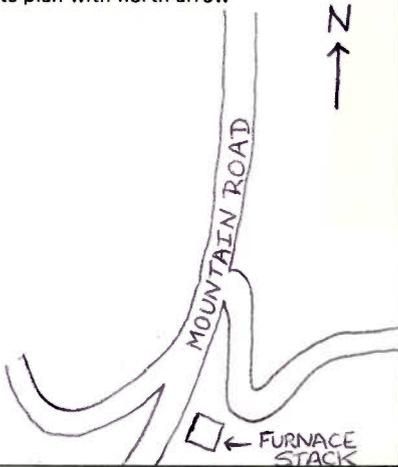
21. condition

fair

22. integrity

excellent

23. site plan with north arrow



24. photo notation

25. file/location

26. brief description (note unusual features, integrity, environment, threats and associated buildings)

The Big Pond Furnace stack sits near to the edge of the Mountain Road, almost invisible due to the heavy growth of vegetation surrounding the stack. The stack is constructed much as most iron ore stacks --built in up against a hill, with walls tapering toward the top and an arched opening in the face of the furnace to replenish (over)

27. history, significance and/or background

The Big Pond Furnace is one of nine blast furnaces built between 1750 and 1875 in Cumberland County, the only one of three in South Newton township still extant. The furnace was built in 1836 by John Moore of Carlisle. The company changed hands frequently for the next eleven years, until March 1847 when the Schoch family bought the operation and retained ownership for the next thirteen years. The Ahl family (very wealthy, entrepreneurial Cumberland County family) purchased the property in 1870. (over)

28. sources of information Cumb. Co. Deed Index 1XX130, 1XX515, B3378, Z5264; Z5264; Z5271; Indenture John Moore to William Moore, May 9, 1843; C.C.H.S.; Lesley, J.P., "Iron (over) (continue on back if necessary)

29. prepared by:

NVD

Computer Coding (BHP Survey Grantees Must Complete)

30. date

7/85

revision(s)

31. county 041 32. style ; ; ; ; ;

32. construction material 02; 25; ; ; ; 34. roof N/A ; ; ;

35. design type N/A ; ; ;

36. historic function 120900P ; ; ; ; ;

37. construction feature ; ; ; ; ; 38. ext. walls 02; 25 39. plan N/A

40. facade width N/A 41. roof material N/A 42. stories N/A 43. depth N/A

44. ext. design ; ; ; ; ;

45. int. design ; ; ; ; ;

1. County

Cumberland

2. municipality

Southampton Two

3. street address or specific location

Mountain Road
Furnace Hollow Rd.

4. survey code

31-96

088349

5. present name

Big Pond Furnace Stack

#26 continued -

the fire. The stone and brick work is in excellent condition. Nothing else remains of this large, busy industrial site, except for a raised ridge (see photograph) which appears to be for a railroad system.

#27 continued -

Under the Ahl family the company expanded to 6000 acres of land, fourteen dwellings, offices and stables. At this time, the furnace was putting out over 50 tons of charcoal iron per week. In 1878, the Big Pond Furnace was the only one still active as a charcoal furnace in Cumberland County.

Under the management of C. W. Ahl, a new blast furnace was built in 1879. Shortly thereafter, the coal took fire-burning the coal sheds, stock house and machinery. This tremendous fire ended the iron operation at the Furnace and in Cumberland County.

Nothing remains of the industrial site except for this stack which ended operation at Big Pond. The estate consisted of about 6000 acres of land, 14 dwellings, office and stables.

#28 continued -

ores of the Cumberland Valley, 1873; Goodyear, B.K. "Blast Furnaces of Cumberland County," 1903.



EVALUATION

EVALUATOR(S)