Smith Clark C. Form 4 February 18, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * Smith Clark C.

2. Issuer Name and Ticker or Trading Symbol

BUCKEYE PARTNERS, L.P. [BPL]

5. Relationship of Reporting Person(s) to

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

Issuer

FIVE TEK PARK, 9999

(Last)

(City)

(Instr. 3)

(Middle)

(Zip)

3. Date of Earliest Transaction

(Month/Day/Year)

Director 10% Owner

(Check all applicable)

02/16/2010

X_ Officer (give title Other (specify President & COO

HAMILTON BOULEVARD (Street)

(State)

(First)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

below)

BREINIGSVILLE, PA 18031

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year)

3. 4. Securities Execution Date, if TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership (Instr. 4) (Instr. 4)

(A)

Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

Reported

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 5. Number 6. Date Exercisable and 7. Title and Amount 4. Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date of Underlying Security or Exercise Code Securities (Month/Day/Year) Securities any

8.

De

Se

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(In

(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (Instr. 3 and 4) Derivative (A) or Disposed of Security (D) (Instr. 3, 4, and 5) Code V (A) (D) Date Expiration Title Amount Exercisable Date or Number of Shares Limited Phantom 02/16/2013 02/16/2013 (1) 02/16/2010 A 6,515 Partner 6,515 Units Units

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Smith Clark C. FIVE TEK PARK 9999 HAMILTON BOULEVARD BREINIGSVILLE, PA 18031

President & COO

Signatures

/s/ Todd J. Russo, as attorney-in-fact for Clark C. Smith

02/18/2010

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Each phantom unit is the economic equivalent of one limited partner unit of Buckeye Partners, L.P.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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