

OMB APPROVAL

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934  
(AMENDMENT NO. \_\_\_\_\_)\*

Apache Offshore Investment Partnership

-----  
(Name of Issuer)

Partnership Units

-----  
(Title of Class of Securities)

N/A

-----  
(CUSIP Number)

January 1, 2005

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(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this  
Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's  
initial filing on this form with respect to the subject class of securities, and  
for any subsequent amendment containing information which would alter the  
disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed  
to be "filed" for the purpose of Section 18 of the Securities Exchange Act of  
1934 ("Act") or otherwise subject to the liabilities of that section of the Act  
but shall be subject to all other provisions of the Act (however, see the  
Notes).

PERSONS WHO RESPOND TO THE COLLECTION OF INFORMATION CONTAINED IN THIS FORM ARE  
NOT REQUIRED TO RESPOND UNLESS THE FORM DISPLAYS A CURRENTLY VALID OMB CONTROL  
NUMBER.

SEC 1745 (12-02)

CUSIP No. N/A

1. Names of Reporting Persons.  
I.R.S. Identification Nos. of above persons (entities only).

Apache Corporation 41-0747868

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a)   
(b)

3. SEC Use Only

4. Citizenship or Place of Organization Delaware

Number of Shares Beneficially Owned by Each Reporting Person With

5. Sole Voting Power 53.09293 Partnership Units

6. Shared Voting Power

7. Sole Dispositive Power 53.09293 Partnership Units

8. Shared Dispositive Power

9. Aggregate Amount Beneficially Owned by Each Reporting Person  
53.09293 Partnership Units

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions)

11. Percent of Class Represented by Amount in Row (9) 5.00294%

12. Type of Reporting Person (See Instructions)

Apache Corporation CO

ITEM 1.

- (a) Name of Issuer Apache Offshore Investment Partnership
- (b) Address of Issuer's Principal Executive Offices 2000 Post Oak Blvd., Suite 100, Houston, Texas 77056

ITEM 2.

- (a) Name of Person Filing Apache Corporation
- (b) Address of Principal Business Office or, if none, Residence 2000 Post Oak Blvd., Suite 100, Houston, Texas 77056
- (c) Citizenship Delaware
- (d) Title of Class of Securities Partnership Units
- (e) CUSIP Number N/A

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO SECTIONS 240.13-1(b) OR 240.13-2(b) OR (c), CHECK WHETHER THE PERSON FILING IS A:

- (a)  Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
- (b)  Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c)  Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).

- (d)  Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).
- (e)  An investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with Section 240.13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with Section 240.13d-1(b)(1)(ii)(G);
- (h)  A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j)  Group, in accordance with Section 240.13d-1(b)(1)(ii)(J).

ITEM 4. OWNERSHIP.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned: 53.09293 Units.
- (b) Percent of class: 5.000294%.
- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or to direct the vote 53.09293.
  - (ii) Shared power to vote or to direct the vote \_\_\_\_\_.
  - (iii) Sole power to dispose or to direct the disposition of 53.09293.
  - (iv) Shared power to dispose or to direct the disposition of \_\_\_\_\_.

Instruction. For computations regarding securities which represent a right to acquire an underlying security see Section 240.13d3(d)(1).

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

Instruction: Dissolution of a group requires a response to this item.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

N/A.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY OR CONTROL PERSON.

N/A

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP

N/A.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP

N/A

ITEM 10. CERTIFICATION

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 9, 2005

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Date

Apache Corporation

By: /s/ Cheri L. Peper

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Signature

Cheri L. Peper,  
Corporate Secretary

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Name/Title

ATTENTION: INTENTIONAL MISSTATEMENTS OR OMISSIONS OF FACT CONSTITUTE FEDERAL CRIMINAL VIOLATIONS (SEE 18 U.S.C. 1001)