FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | | | | | | | | | |
|--------------|----------|--|--|--|--|--|--|--|--|
| OMB Number: | 3235-028 | | | | | | | | |
| 1 – | | | | | | | | | |

| Check this box if no longer subject t | C |
|---------------------------------------|---|
| Section 16. Form 4 or Form 5 | |
| obligations may continue. See | |
| Instruction 1(h) | |

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB Number: 3235-0287 | | | | | | |
|--------------------------|-----|--|--|--|--|--|
| Estimated average burden | | | | | | |
| hours per response: | 0.5 | | | | | |
| | | | | | | |

| Name and Address of Reporting Person* Casey Larry | | | | | 2. Issuer Name and Ticker or Trading Symbol Duncan Energy Partners L.P. [DEP] | | | | | | | | | | | ationship of Reporting k all applicable) Director | | 10% (| Owner | |
|--|--|---------|--------------------------------------|-----------------|--|--|------------------------------------|---|------|---|---------------------|---|---------------------------------------|---|--|---|--|------------------|---------------|--|
| (Last) (First) (Middle) 1100 LOUISIANA STREET | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 09/07/2011 | | | | | | | | | | | Officer (give title below) | | Other below | (specify) | |
| (Street) HOUSTO | ON TY | | 77002 Zip) | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | Individue) | · | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | |
| Date | | | 2. Transa Date (Month/D | Execution Date, | | Transaction Disposed | | ities Acquired (A) d Of (D) (Instr. 3, 4 | | | nd : | 5. Amount of Securities Beneficially Owned Following Reported | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | | | |
| | | | | | | | | | Code | v | Amount | (| A) or D) | Price | Transaction(c) | | | (mour 4) | | |
| Common Units Representing Limited Partnership Interests | | | | 09/07/2011 | | | | | D | | 15,272 | 2 D \$0 | | \$0.0 | 00(1) | | 0 | D ⁽²⁾ | | |
| | | Та | ble II - D (e | | | | | | | | sed of, onvertib | | | | y Ow | ned | | | | |
| 1. Title of Derivative Security (Instr. 3) 2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day | | Date, (| 4. Transaction Code (Instr. 8) | | 5. Num of Deriv. Secum Acqu (A) or Dispc of (D) (Instr and 5 | ative rities ired osed . 3, 4 | 6. Date E Expiratio (Month/D | n Datray/Ye | е | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) Amoun or Numbe of Title Shares | | ount nber | 8. Prio Deriva Secur (Instr. | ative rity . 5) | 9. Number o derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |

Explanation of Responses:

1. Disposed of pursuant to the Agreement and Plan of Merger dated as of April 28, 2011, by and among Enterprise Products Partners L.P. ("EPD"), Enterprise Products Holdings LLC, EPD MergerCo LLC, Duncan Energy Partners L.P., and DEP Holdings, LLC (the "MLP Merger Agreement") in exchange for 15,424 Common Units of EPD ("Common Units"). On the effective date of the merger, the closing price of the Common Units on the New York Stock Exchange was \$40.83.

2. The Power of Attorney under which this form was signed is on file with the Commission.

Remarks:

 $Transaction \ Code \ D\ - \ Disposition \ to \ the \ issuer \ of \ issuer \ equity \ securities \ pursuant \ to \ Rule \ 16b-3(e)$

/s/Wendi S. Bickett, Attorneyin-Fact on behalf of Larry J. 09/09/2011

Casey

** Signature of Reporting Person Date

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

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.