

SECURITIES AND EXCHANGE COMMISSION

FORM SC 13G

Schedule filed to report acquisition of beneficial ownership of 5% or more of a class of equity securities by passive investors and certain institutions

Filing Date: **2005-05-02**
SEC Accession No. **0000902584-05-000155**

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SUBJECT COMPANY

GASCO ENERGY INC

CIK: **1086319** | IRS No.: **980204105** | State of Incorporation: **NV** | Fiscal Year End: **1231**
Type: **SC 13G** | Act: **34** | File No.: **005-57283** | Film No.: **05789575**
SIC: **1311** Crude petroleum & natural gas

Mailing Address	Business Address
<i>14 INVERNESS DRIVE EAST BLDG H BLDG H SUITE 236 ENGLEWOOD CO 80112</i>	<i>14 INVERNESS DRIVE EAST BLDG H BLDG H SUITE 236 ENGLEWOOD CO 80112 3037130047</i>

FILED BY

ADVISORY RESEARCH INC

CIK: **902584** | IRS No.: **132831881** | State of Incorporation: **DE** | Fiscal Year End: **1231**
Type: **SC 13G**

Mailing Address	Business Address
<i>180 N. STETSON STREET SUITE 5780 CHICAGO IL 60601</i>	<i>180 N. STETSON STREET STE 5780 CHICAGO IL 60601 3125651414</i>

1 Name of Reporting Person / IRS Identification Number:
Advisory Research, Inc. / 36-2831881

2 Check the Appropriate Box if a Member of a Group (a) []
(See Instructions) (b) [X]

3 SEC Use Only

4 Citizenship or Place of Organization
Delaware

Number of

5 Sole Voting Power
8355396 Shares

Shares

Beneficially

6 Shared Voting Power
0 Shares

Owned By

Each

7 Sole Dispositive Power
8355396 Shares

Reporting

Person

8 Shared Dispositive Power
0 Shares

With

9 Aggregate Amount Beneficially Owned by Each Reporting Person

8355396 Shares

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

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

11.712%

- Item 1 (a) Name of Issuer: GASCO ENERGY, INC.
- Item 1 (b) Name of Issuer's Principal Executive Offices:
14 INVERNESS DRIVE EAST
SUITE H-236
ENGLEWOOD, CO 80112
- Item 2 (a) Person Filing - Advisory Research, Inc.
- Item 2 (b) Address - 180 North Stetson St., Suite 5500
Chicago, IL 60601
- Item 2 (c) Citizenship - Advisory Research, Inc. is a
Delaware Corporation
- Item 2 (d) Title of Class of Securities - Common
- Item 2 (e) CUSIP Number - 367220100
- Item 3 If this statement is filed pursuant to Rules
13d-1(b) or 13d-2(b), check whether the person
filing is a:
- (a) Broker or Dealer registered under Section
15 of the Act
- (b) Bank as defined in Section 3(a)(6) of the
Act
- (c) Insurance Company as defined in Section
3(a)(19) of the Act
- (d) Investment Company registered under
Section 8 of the Investment Company Act
- (e) Investment Advisor in accordance with
section 240.13d-1(b)(1)(ii)(E)
- (f) Employee Benefit Plan or Endowment Fund
in accordance with section 240.13d-1(b)
(1)(ii)(F)
- (g) Parent Holding Company or Control Person
in accordance with section 13d-1(b)
(1)(ii)(G)
- (h) A savings association as defined in

section 3(b) of the Federal Deposit
Insurance Act

- (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

Item 4 Ownership

- (a) Amount Beneficially Owned:
Advisory Research, Inc. 8355396 Shares
- (b) Percent of Class 11.712%
- (c) Number of shares as to which reporting person has:
- (i) Sole Voting Power 8355396 Shares
 - (ii) Shared Voting Power 0 Shares
 - (iii) Sole Dispositive Power 8355396 Shares
 - (iv) Shared Dispositive Power 0 Shares

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

Item 6 Ownership of More than Five Percent on Behalf of Another Person: Not Applicable

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security being Reported on by the Parent Holding Company: Not Applicable

Item 8 Identification and Classification if Members of the Group: Not Applicable

Item 9 Notice of Dissolution of Group: Not Applicable

Item 10 Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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 such securities and were not acquired and are not held in connection with or as a participant

in any transaction having such purposes 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.

05/02/2005

Date

/s/ Brien M. O'Brien

Signature

Brien M. O'Brien, Chairman

Name/Title