

Owen Laura E
 Form 4
 December 31, 2009

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549**

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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. Name and Address of Reporting Person *
 Owen Laura E

(Last) (First) (Middle)
 ICOP DIGITAL, INC., 16801 W.
 116TH STREET
 (Street)

LENEXA, KS 66219

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 ICOP DIGITAL, INC [ICOP]

3. Date of Earliest Transaction
 (Month/Day/Year)
 12/29/2009

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 President and COO

6. Individual or Joint/Group Filing(Check Applicable Line)
 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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) | Code V Amount (D) Price | | |

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

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 1474
 (9-02)

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

| 1. Title of Derivative Security | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|

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| (Instr. 3) | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount of Number of Shares |
|---|------------------------------|------------------|------------|--|------|---|-----|-----|------------------|-----------------|--------------|----------------------------|
| Common Stock Option (Right to Buy) ⁽¹⁾ | \$ 0.42 | 12/29/2009 | A | 725,000 | | | | | ⁽¹⁾ | 12/28/2019 | Common Stock | 725,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Owen Laura E ICOP DIGITAL, INC. 16801 W. 116TH STREET LENEXA, KS 66219 | X | | President and COO | |

Signatures

David C. Wang, as attorney-in-face for Laura E. Owen

 **Signature of Reporting Person
 12/31/2009
 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) Granted under the Issuer's 2002 Stock Option Plan, as amended. The option will become exercisable on certification by the Issuer's Chief Financial Officer that the Issuer has, in any fiscal quarter beginning with the first fiscal quarter of 2010, met or exceeded a modified EBITDA break-even point for the quarter, as determined in accordance with GAAP, where modified EBITDA means earnings before interest, taxes, depreciation, amortization, and stock grant, stock option and warrant expense.

Remarks:

In addition to the common stock option granted on 12/29/09 and reported above, Ms. Owen also directly or indirectly owns the
 Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.
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