RSP Permian, Inc. Form 3 April 23, 2014

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, response... 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 *

Turcotte Barry S.

(Last)

(First)

(Middle)

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

Statement

(Month/Day/Year)

04/21/2014

4. Relationship of Reporting Person(s) to Issuer

RSP Permian, Inc. [RSPP]

(give title below) (specify below)

Chief Accounting Officer

5. If Amendment, Date Original

Filed(Month/Day/Year)

3141 HOOD STREET, SUITE

500

(Street)

(Check all applicable) Director

_X__ Officer

10% Owner Other

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

Form filed by More than One

Reporting Person

DALLAS, TXÂ 75219

(City) (State) (Zip)

1. Title of Security (Instr. 4)

2. Amount of Securities

Beneficially Owned

(Instr. 4)

(I) (Instr. 5)

Ownership Form:

Table I - Non-Derivative Securities Beneficially Owned

4. Nature of Indirect Beneficial Ownership (Instr. 5)

Direct (D) or Indirect

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

SEC 1473 (7-02)

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.

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

(Instr. 4)

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security

4. Conversion or Exercise Price of

Ownership Form of Derivative

6. Nature of Indirect Beneficial Ownership (Instr. 5)

Date Exercisable

Expiration Title Date

Amount or Number of

Shares

Derivative Security

Security: Direct (D) or Indirect (I)

(Instr. 5)

Reporting Owners

Relationships Reporting Owner Name / Address

Director 10% Owner Officer Other

Turcotte Barry S.

Â Â Chief Accounting Officer Â 3141 HOOD STREET, SUITE 500 DALLAS, TXÂ 75219

Signatures

/s/ Barry S. 04/23/2014 Turcotte

**Signature of Date Reporting Person

Explanation of Responses:

No securities are beneficially owned

If the form is filed by more than one reporting person, see Instruction 5(b)(v).

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.

Reporting Owners 2

Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).