

RSP Permian, Inc.
Form 5
February 13, 2015

FORM 5

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

OMB APPROVAL

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Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL 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

1. Name and Address of Reporting Person *
RSP Permian Holdco, L.L.C.

2. Issuer Name and Ticker or Trading Symbol
RSP Permian, Inc. [RSPP]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
____ Officer (give title below) Other (specify below)
Former 10% Owner

(Last) (First) (Middle)
3141 HOOD STREET, SUITE 500
(Street)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
12/31/2014

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

6. Individual or Joint/Group Reporting
(check applicable line)

DALLAS, TX 75219

Form Filed by One Reporting Person
 Form Filed by More than One Reporting Person

(City) (State) (Zip)

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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/11/2014	Â	J ⁽¹⁾	8,247,166 D	\$ ⁽¹⁾ 0	D	Â

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

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

