

RSP Permian, Inc.
Form 4
December 21, 2015

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 *
McNeill Scott K.

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

3. Date of Earliest Transaction (Month/Day/Year)
12/17/2015

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

Chief Financial Officer

(Street)

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

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

DALLAS, TX 75219

(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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
				(A) or (D) Code V Amount (D) Price			
Common Stock	12/17/2015		G ⁽¹⁾	V 4,000 D \$ 0	740,052 ⁽²⁾	D	
Common Stock					300	I	UTMA custodian for son, Jack McNeill ⁽³⁾
Common Stock					300	I	UTMA custodian for daughter, Lola

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) On December 17, 2015, Mr. McNeill donated 4,000 shares to a charitable trust.
- (2) Amount also reflects 11,655 shares and 2,797 shares withheld by the issuer on February 11, 2015 and March 1, 2015, respectively, each incident to the vesting of a restricted stock grant issued in accordance with Rule 16b-3.
- (3) These securities were purchased by Mr. McNeill as custodian for a minor child under the Uniform Transfer to Minors Act. Mr. McNeill disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein.

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.